ATTACHMENT D

DEPARTMENT D.111

AIR SAMPLING RESULTS

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield PIII Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

1993 SAMPLE DESCRIPTION					min	LPM	L	COUNTING DATA			RESULTS		
Sample Location/Person		Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	~~MDA~~ Lc
PS-040	Schooley	12/30	'92		9	2.001	18	0.12	0.64	.3384	3.85E-11	±1.79E-11	8.45E-12
PS-041	Gomez	1/4			307	1.993	612	0.28	0.50	.3384	4.79E-13	±5.32E-13	3.80E-13
PS-042	Schooley	1/4			386	1.975	762	0.28	1.16	.3384	1.54E-12	±5.81E-13	3.05E-13
PS-043	Jordan	1/4			393	1.975	776	0.28	0.68	.3384	6.86E-13	±4.66E-13	3.00E-13
PS-044	White	1/4			486	2.002	973	0.28	2.58	.3384	3.15E-12	±6.41E-13	2.39E-13
PS-045	Jordan	1/5			468	1.986	929	0.24	1.38	.3384	1.63E-12	±5.06E-13	2.32E-13
PS-047	Gomez	1/5			499	1.946	971	0.24	1.34	.3384	1.51E-12	±4.78E-13	2.22E-13
PS-048	Schooley	1/5			495	1.965	972	0.24	0.58	.3384	4.66E-13	±3.44E-13	2.21E-13
PS-049	Gomez	1/6			405	1.984	803	0.24	0.38	.3384	2.32E-13	±3.62E-13	2.68E-13
PS-050	Jordan	1/6			544	1.952	1062	0.24	6.14	.3384	7.40E-12	±8.78E-13	2.03E-13
PS-051	White	1/6			544	1.942	1056	0.24	1.40	.3384	1.46E-12	±4.47E-13	2.04E-13
PS-052	Medina	1/6			546	1.972	1077	0.24	1.72	.3384	1.83E-12	±4.80E-13	2.00E-13
PS-053	Schooley	1/7			490	1.987	973	0.24	1.14	.3384	1.23E-12	±4.45E-13	2.21E-13

Remarks:

Recorded By:

Date:

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield PM Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

1993 SAMPLE DESCRIPTION				mn	LPM	L	COUNTING DATA			RESULTS		
Sample Location/Person	Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	MDA Cc
PS-054 Medina	1/7			493	1.961	967	0.24	1.78	.3384	2.12 E-12	±5.42E-13	2.23E-13
PS-055 Gomez	1/7			490	1.993	976	0.24	1.94	.3384	2.32E-12	±5.58E-13	2.20E-13
PS-056 White	1/7			491	1.976	970	0.24	2.84	.3384	3.57E-12	±6.68E-13	2.22E-13
PS-057 White	1/8			504	1.956	986	0.18	1.96	.3384	2.40E-12	±5.47E-13	1.89E-13
PS-058 Medina	1/8			506	1.966	995	0.18	2.68	.3384	3.34E-12	±6.27E-13	1.37E-13
PS-059 Gomez	1/8			507	1.973	1000	0.18	3.52	.3384	4.45E-12	±7.10E-13	1.86E-13
PS-060 Schooley	1/8			507	1.974	1001	0.18	1.18	.3384	1.33E-12	±4.30E-13	1.86E-13

Remarks:

Recorded By: Craig Rieman

Date: 1/15/93

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield D111 Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

1993 SAMPLE DESCRIPTION					Mn	LPM	L	COUNTING DATA			RESULTS		
Sample Location/Person		Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	~~MDA~~ Lc
AA-0122	S	1/6	0000	0855	535	38.1	20,384	0.28	348/50 6.96	.3384	4.36E-13	± 4.87E-14	1.14E-14
AA-0123	F	1/6	0000	0850	530	38.4	20,352	0.28	773/50 15.46	.3384	9.93E-13	± 7.19E-14	1.14E-14
AA-0124	S	1/7	0000	0805	485	38.1	18,479	0.22	476/50 9.52	.3384	6.70E-13	± 6.23E-14	1.11E-14
AA-0125	F	1/7	0000	0816	496	38.4	19,046	0.22	1288/50 25.76	.3384	1.78E-12	± 9.87E-14	1.08E-14
AA-0126	S	1/8	0000	0815	495	38.1	18,860	0.22	513/50 10.26	.3384	7.09E-13	± 6.33E-14	1.09E-14
AA-0127	F	1/8	0000	0820	500	38.4	19,200	0.22	3175/50 63.50	.3384	4.39E-12	± 1.53E-13	1.07E-14

Remarks:

Recorded By: Craig Rieman

Date: 1/15/93

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield DMI Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

1992-93 SAMPLE DESCRIPTION					M	LPM	L	COUNTING DATA			RESULTS		
Sample Location/Person		Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	MDA Lc
AA-0109	S	12/11	0011	0316	185	38.1	7,048	0.2	297/50 5.94	0.3384	1.08E-12	±1.30E-13	2.79E-14
AA-0110	F	12/11	0323	0930	367	38.4	14,093	0.2	874/50 17.48	0.3384	1.63E-12	±1.10E-13	1.39E-14
AA-0111	S	12/11	0325	0932	367	38.1	13,983	0.2	167/50 3.34	0.3384	2.99E-13	±4.96E-14	1.40E-14
AA-0112	F	12/28	0015	0852	517	38.4	19,853	0.12	466/50 9.32	0.3384	6.17E-13	±5.71E-14	7.66E-15
AA-0113	S	12/28	0017	0845	508	38.1	19,355	0.12	192/50 3.84	0.3384	2.56E-13	±3.79E-14	7.86E-15
AA-0114	F	12/29	0025	0955	570	38.4	21,888	0.12	281/50 5.62	0.3384	3.34E-13	±4.04E-14	6.95E-15
AA-0115	S	12/29	0027	0958	571	38.1	21,755	0.24	64/50 1.28	0.3384	6.36E-14	±2.09E-14	9.89E-15
AA-0116	F	12/30	0027	0726	419	38.4	16,090	0.24	89/50 1.78	0.3384	1.27E-13	±3.26E-14	1.34E-14
AA-0117	S	12/30	0029	0725	416	38.1	15,850	0.24	63/50 1.26	0.3384	8.57E-14	±1.65E-14	1.36E-14
AA-0118	F	1/4/93	0001	0801	480	38.4	18,432	0.28	749/50 14.98	0.3384	1.06E-12	±7.82E-14	1.26E-14
AA-0119	S	1/4	0002	0800	478	38.1	18,212	0.28	323/50 6.46	0.3384	4.52E-13	±5.26E-14	1.28E-14
AA-0120	F	1/5	0005	0807	482	38.4	18,509	0.28	1023/50 20.46	0.3384	1.45E-12	±9.08E-14	1.26E-14
AA-0121	S	1/5	0006	0806	480	38.1	18,288	0.28	468/50 9.36	0.3384	6.61E-13	±6.26E-14	1.27E-14

Remarks:

Recorded By: Craig Rieman

Date: 1/15/93

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC NEWFIELD Sample Count Time = 50 min. Background Count Time = 50 min.

JAN '92 D111 Detector Used SAC-4 S/N 868

SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
Sample Location/Person	Date	Start	Stop	Sample Time m	Flow Rate lpm	Sample Volume l	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation ~~µCi/ml~~	MDA Lc
D111 FURNACE ①	1/6/92	0823	1330	307	39	11,973	0.24	296/50 5.92	35.8	5.97E-13	±7.23E-14 ~~±3.69E-14~~	4.9E-13 ~~2.5E-13~~
D111 MIXER ②	1/6/92	0801	1333	332	39.1	12,981	0.24	238/50 4.76	35.8	25.1E-13 ~~4.4E-13~~	±8.0E-14	4.5E-13
D111 MIXER ③	1/7/92	0825	1405	340	39.1	13,294	0.18	389/50 7.78	35.8	7.2E-13	±7.4E-14	4.4E-13
D111 FURNACE ④	1/7/92	0828	1404	336	39	13,104	0.18	528/50 10.6	35.8	1.0E-12	±8.7E-14	4.5E-13
D111 FURNACE ⑤	1/8/92	0857	1408	311	39	12,129	0.18	1307/50 26.2	35.8	2.7E-12	±7.3E-14	4.8E-13
D111 MIXER ⑥	1/8/92	0900	1410	310	39.1	12,121	0.18	645/50 12.9	35.8	1.3E-12	±1.0E-13	4.8E-13
D111 FURNACE ⑦	1/9/92	0842	1343	301	39	11,739	0.06	1501/50 30.0	35.8	3.2E-12	±1.6E-13	5.0E-13
D111 MIXER ⑧	1/9/92	0845	1344	299	39.1	11,690	0.06	738/50 14.8	35.8	1.6E-12	±1.6E-13	5.0E-13
D111 FURNACE ⑨	1/10/92	0940	1233	173	39	6,747	0.06	484/50 9.7	35.8	1.8E-12	±1.6E-13	8.7E-13
D111 MIXER ⑩	1/10/92	0941	1251	190	39.1	7,429	0.06	493/50 9.9	35.8	1.7 ~~5.9~~E-12	±1.5E-13	7.9E-13
QA D111 MIXER RECOUNT						7429	0.06	512/50 10.2	35.8	1.7E-12	±1.5E-13	7.9E-13

Remarks:

Recorded By: CRAIG RIEMAN

Date: 1/13-15/92

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SAIC Newfield Sample Count Time = 50 min. Background Count Time = 50 min.

D111 Detector Used SAC-4 S/N 868

	1992 SAMPLE DESCRIPTION				m	cpm	L	COUNTING DATA			RESULTS		
	Sample Location/Person	COUNT Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	~~MDA~~ Lc
1	PS-004 Medina	12/8			349	1.981	691	0.28	2.2	0.3384	3.70E-12	±8.41E-13	3.36E-13
2	Sampled 12/3	12/30						0.18	2.0		3.51E-12	±7.88E-13	1.63E-13
1	PS-005 Medina	12/9			561	2.008	1126	0.28	1.94		1.96E-12	±4.88E-13	2.06E-13
2	Sampled 12/4	12/30						0.18	1.58		1.66E-12	±4.35E-13	1.00E-13
1	PS-016 White	12/14			473	2.027	959	0.22	3.30		4.28E-12	±7.22E-13	2.15E-13
2	Sampled 12/8	12/30						0.18	2.92		3.80E-12	±6.77E-13	1.18E-13
1	PS-019 White	12/14			451	1.945	877	0.22	2.44		3.37E-12	±6.86E-13	2.35E-13
2	Sampled 12/9	12/30						0.18	2.22		3.10E-12	±6.52E-13	1.29E-13
1	PS-021 Medina	12/14			501	1.990	997	0.22	1.98		2.35E-12	±5.49E-13	2.07E-13
2	Sampled 12/10	12/30						0.18	1.60		1.90E-12	±4.94E-13	1.13E-13

Remarks: Recount of personnel samples

Recorded By: Craig Rieman

Date: 12/30/92

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield D111 1992

Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
Sample Location/Person	Date	Start	Stop	Sample Time (min)	Flow Rate (LPm)	Sample Volume (L)	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	~~MDA~~ LC
PS-027 White	12/11			503	1.944	978	0.26	1.52	0.3384	1.71E-12	± 5.03E-13	2.29E-13
PS-028 Schooley	12/11			406	1.993	809	0.26	1.38	0.3384	1.84E-12	± 5.84E-13	2.77E-13
PS-029 Rieman	12/28			203	1.993	404	0.26	0.6	0.3384	1.12E-12	± 8.47E-13	5.44E-13
PS-030 Schooley	12/28			517	1.968	1017	0.26	8.96	0.3384	1.14E-11	± 1.10E-12	2.20E-13
PS-031 Jordan	12/28			523	1.967	1029	0.26	6.38	0.3384	7.92E-12	± 9.24E-13	2.18E-13
PS-032 White	12/28			524	2.004	1050	0.26	15.34	0.3384	1.91E-11	± 1.39E-12	2.13E-13
PS-033 Gomez	12/29			429	1.987	852	0.26	1.32	0.3384	1.66E-12	± 5.44E-13	2.63E-13
PS-034 White	12/29			343	1.950	669	0.26	0.88	0.3384	1.23E-12	± 5.89E-13	3.35E-13
PS-035 Jordan	12/29			463	1.950	903	0.26	1.68	0.3384	2.09E-12	± 5.69E-13	2.48E-13
PS-036 Schooley	12/29			459	1.976	907	0.12	1.26	0.3384	2.29E-12	± 4.78E-13	1.68E-13
PS-037 Jordan	12/30			435	1.975	859	0.12	0.48	0.3384	5.58E-13	± 3.33E-13	1.77E-13
PS-038 White	12/30			412	1.954	805	0.12	1.22	0.3384	1.82E-12	± 5.31E-13	1.89E-13
PS-039 Gomez	12/30			432	1.972	852	0.12	0.84	0.3384	1.12E-12	± 4.24E-13	1.79E-13

Remarks:

Recorded By: Craig Rieman

Date: 12/15/92

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield D111 Sample Count Time = 50 min. Background Count Time = 50 min.

1992 Detector Used SAC-4 S/N 868

SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
Sample Location/Person	Date	Start	Stop	Sample Time (Mn)	Flow Rate (LPM)	Sample Volume (L)	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	MDA (Lc)
PS-013 Gomez	12/8			401	1.996	800	0.22	1.22	0.3384	1.66E-12	±5.53E-13	2.58E-13
PS-014 Medina	12/8			522	2.028	1059	0.22	1.42	0.3384	1.51E-12	±4.46E-13	1.95E-13
PS-015 Schooley	12/8			514	1.998	1027	0.22	0.86	0.3384	8.30E-13	±3.73E-13	2.01E-13
PS-016 White	12/8			473	2.027	959	0.22	3.30	0.3384	4.28E-12	±7.22E-13	2.15E-13
PS-018 Medina	12/9			471	1.957	922	0.22	1.06	0.3384	1.21E-12	±4.53E-13	2.23E-13
PS-019 White	12/9			451	1.945	877	0.22	2.44	0.3384	3.37E-12	±6.86E-13	2.35E-13
PS-020 Schooley	12/9			463	1.977	915	0.22	1.00	0.3384	1.13E-12	±4.45E-13	2.25E-13
PS-021 Medina	12/10			501	1.990	997	0.22	1.98	0.3384	2.35E-12	±5.49E-13	2.07E-13
PS-022 Gomez	12/10			454	1.963	891	0.22	1.38	0.3384	1.73E-12	±5.24E-13	2.31E-13
PS-023 Schooley	12/10			503	1.942	977	0.26	0.76	0.3384	6.81E-13	±3.81E-13	2.29E-13
PS-024 White	12/10			308	1.991	613	0.26	0.90	0.3384	1.39E-12	±6.48E-13	3.65E-13
PS-025 Gomez	12/11			508	1.994	1013	0.26	1.56	0.3384	1.71E-12	±4.91E-13	2.21E-13
PS-026 Medina	12/11			503	1.964	988	0.26	3.36	0.3384	4.18E-12	±7.11E-13	2.27E-13

Remarks:

Recorded By: Craig Rieman

Date: 12/15/92

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield D111 Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

1993 SAMPLE DESCRIPTION					Mn	LPM	L	COUNTING DATA			RESULTS		
Sample Location/Person		Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	~~MDA~~ Lc
AA-0122	S	1/6	0000	0855	535	38.1	20,384	0.28	348/50 6.96	.3384	4.36E-13	± 4.87E-14	1.14E-14
AA-0123	F	1/6	0000	0850	530	38.4	20,352	0.28	773/50 15.46	.3384	9.93E-13	± 7.19E-14	1.14E-14
AA-0124	S	1/7	0000	0805	485	38.1	18,479	0.22	476/50 9.52	.3384	6.70E-13	± 6.23E-14	1.11E-14
AA-0125	F	1/7	0000	0816	496	38.4	19,046	0.22	1288/50 25.76	.3384	1.78E-12	± 9.87E-14	1.08E-14
AA-0126	S	1/8	0000	0815	495	38.1	18,860	0.22	513/50 10.26	.3384	7.09E-13	± 6.33E-14	1.09E-14
AA-0127	F	1/8	0000	0820	500	38.4	19,200	0.22	3175/50 63.50	.3384	4.39E-12	± 1.53E-13	1.07E-14

Remarks:

Recorded By: Craig Rieman

Date: 1/15/93

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield DMI Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

1992-93 SAMPLE DESCRIPTION					M	LPM	L	COUNTING DATA			RESULTS		
Sample Location/Person		Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	MDA Lc
AA-0109	S	12/11	0011	0316	185	38.1	7,048	0.2	297/50 5.94	0.3384	1.08E-12	±1.30E-13	2.79E-14
AA-0110	F	12/11	0323	0930	367	38.4	14,093	0.2	874/50 17.48	0.3384	1.63E-12	±1.10E-13	1.39E-14
AA-0111	S	12/11	0325	0932	367	38.1	13,983	0.2	167/50 3.34	0.3384	2.99E-13	±4.96E-14	1.40E-14
AA-0112	F	12/28	0015	0852	517	38.4	19,853	0.12	466/50 9.32	0.3384	6.17E-13	±5.71E-14	7.66E-15
AA-0113	S	12/28	0017	0845	508	38.1	19,355	0.12	192/50 3.84	0.3384	2.56E-13	±3.79E-14	7.86E-15
AA-0114	F	12/29	0025	0955	570	38.4	21,888	0.12	281/50 5.62	0.3384	3.34E-13	±4.04E-14	6.95E-15
AA-0115	S	12/29	0027	0958	571	38.1	21,755	0.24	64/50 1.28	0.3384	6.36E-14	±2.09E-14	9.89E-15
AA-0116	F	12/30	0027	0726	419	38.4	16,090	0.24	89/50 1.78	0.3384	1.27E-13	±3.26E-14	1.34E-14
AA-0117	S	12/30	0029	0725	416	38.1	15,850	0.24	63/50 1.26	0.3384	8.57E-14	±1.65E-14	1.36E-14
AA-0118	F	1/4/93	0001	0801	480	38.4	18,432	0.28	749/50 14.98	0.3384	1.06E-12	±7.82E-14	1.26E-14
AA-0119	S	1/4	0002	0800	478	38.1	18,212	0.28	323/50 6.46	0.3384	4.52E-13	±5.26E-14	1.28E-14
AA-0120	F	1/5	0005	0807	482	38.4	18,509	0.28	1023/50 20.46	0.3384	1.45E-12	±9.08E-14	1.26E-14
AA-0121	S	1/5	0006	0806	480	38.1	18,288	0.28	468/50 9.36	0.3384	6.61E-13	±6.26E-14	1.27E-14

Remarks:

Recorded By: Craig Rieman

Date: 1/15/93

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC NEWFIELD Sample Count Time = 50 min. Background Count Time = 50 min.

JAN '92 D111 Detector Used SAC-4 S/N 868

SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
Sample Location/Person	Date	Start	Stop	Sample Time m	Flow Rate lpm	Sample Volume l	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation ~~µCi/ml~~	MDA Lc
D111 FURNACE ①	1/6/92	0823	1330	307	39	11,973	0.24	296/50 5.92	35.8	5.97E-13	±7.23E-14 ~~±3.69E-14~~	4.9E-13 ~~2.5E-13~~
D111 MIXER ②	1/6/92	0801	1333	332	39.1	12,981	0.24	238/50 4.76	35.8	25.1E-13 ~~4.4E-13~~	±8.0E-14	4.5E-13
D111 MIXER ③	1/7/92	0825	1405	340	39.1	13,294	0.18	389/50 7.78	35.8	7.2E-13	±7.4E-14	4.4E-13
D111 FURNACE ④	1/7/92	0828	1404	336	39	13,104	0.18	528/50 10.6	35.8	1.0E-12	±8.7E-14	4.5E-13
D111 FURNACE ⑤	1/8/92	0857	1408	311	39	12,129	0.18	1307/50 26.2	35.8	2.7E-12	±7.3E-14	4.8E-13
D111 MIXER ⑥	1/8/92	0900	1410	310	39.1	12,121	0.18	645/50 12.9	35.8	1.3E-12	±1.0E-13	4.8E-13
D111 FURNACE ⑦	1/9/92	0842	1343	301	39	11,739	0.06	1501/50 30.0	35.8	3.2E-12	±1.6E-13	5.0E-13
D111 MIXER ⑧	1/9/92	0845	1344	299	39.1	11,690	0.06	738/50 14.8	35.8	1.6E-12	±1.6E-13	5.0E-13
D111 FURNACE ⑨	1/10/92	0940	1233	173	39	6,747	0.06	484/50 9.7	35.8	1.8E-12	±1.6E-13	8.7E-13
D111 MIXER ⑩	1/10/92	0941	1251	190	39.1	7,429	0.06	493/50 9.9	35.8	1.7 ~~5.9~~E-12	±1.5E-13	7.9E-13
QA D111 MIXER RECOUNT						7429	0.06	512/50 10.2	35.8	1.7E-12	±1.5E-13	7.9E-13

Remarks:

Recorded By: CRAIG RIEMAN

Date: 1/13-15/92

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SAIC Newfield Sample Count Time = 50 min. Background Count Time = 50 min.

D111 Detector Used SAC-4 S/N 868

	1992 SAMPLE DESCRIPTION				m	cpm	L	COUNTING DATA			RESULTS		
	Sample Location/Person	COUNT Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	~~MDA~~ Lc
1	PS-004 Medina	12/8			349	1.981	691	0.28	2.2	0.3384	3.70E-12	±8.41E-13	3.36E-13
2	Sampled 12/3	12/30						0.18	2.0		3.51E-12	±7.88E-13	1.63E-13
1	PS-005 Medina	12/9			561	2.008	1126	0.28	1.94		1.96E-12	±4.88E-13	2.06E-13
2	Sampled 12/4	12/30						0.18	1.58		1.66E-12	±4.35E-13	1.00E-13
1	PS-016 White	12/14			473	2.027	959	0.22	3.30		4.28E-12	±7.22E-13	2.15E-13
2	Sampled 12/8	12/30						0.18	2.92		3.80E-12	±6.77E-13	1.18E-13
1	PS-019 White	12/14			451	1.945	877	0.22	2.44		3.37E-12	±6.86E-13	2.35E-13
2	Sampled 12/9	12/30						0.18	2.22		3.10E-12	±6.52E-13	1.29E-13
1	PS-021 Medina	12/14			501	1.990	997	0.22	1.98		2.35E-12	±5.49E-13	2.07E-13
2	Sampled 12/10	12/30						0.18	1.60		1.90E-12	±4.94E-13	1.13E-13

Remarks: Recount of personnel samples

Recorded By: Craig Rieman

Date: 12/30/92

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield D111 1992

Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
Sample Location/Person	Date	Start	Stop	Sample Time (min)	Flow Rate (LPm)	Sample Volume (L)	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	~~MDA~~ LC
PS-027 White	12/11			503	1.944	978	0.26	1.52	0.3384	1.71E-12	± 5.03E-13	2.29E-13
PS-028 Schooley	12/11			406	1.993	809	0.26	1.38	0.3384	1.84E-12	± 5.84E-13	2.77E-13
PS-029 Rieman	12/28			203	1.993	404	0.26	0.6	0.3384	1.12E-12	± 8.47E-13	5.44E-13
PS-030 Schooley	12/28			517	1.968	1017	0.26	8.96	0.3384	1.14E-11	± 1.10E-12	2.20E-13
PS-031 Jordan	12/28			523	1.967	1029	0.26	6.38	0.3384	7.92E-12	± 9.24E-13	2.18E-13
PS-032 White	12/28			524	2.004	1050	0.26	15.34	0.3384	1.91E-11	± 1.39E-12	2.13E-13
PS-033 Gomez	12/29			429	1.987	852	0.26	1.32	0.3384	1.66E-12	± 5.44E-13	2.63E-13
PS-034 White	12/29			343	1.950	669	0.26	0.88	0.3384	1.23E-12	± 5.89E-13	3.35E-13
PS-035 Jordan	12/29			463	1.950	903	0.26	1.68	0.3384	2.09E-12	± 5.69E-13	2.48E-13
PS-036 Schooley	12/29			459	1.976	907	0.12	1.26	0.3384	2.29E-12	± 4.78E-13	1.68E-13
PS-037 Jordan	12/30			435	1.975	859	0.12	0.48	0.3384	5.58E-13	± 3.33E-13	1.77E-13
PS-038 White	12/30			412	1.954	805	0.12	1.22	0.3384	1.82E-12	± 5.31E-13	1.89E-13
PS-039 Gomez	12/30			432	1.972	852	0.12	0.84	0.3384	1.12E-12	± 4.24E-13	1.79E-13

Remarks:

Recorded By: Craig Rieman

Date: 12/15/92

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield D111 Sample Count Time = 50 min. Background Count Time = 50 min.

1992 Detector Used SAC-4 S/N 868

SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
Sample Location/Person	Date	Start	Stop	Sample Time (Mn)	Flow Rate (LPM)	Sample Volume (L)	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	MDA (Lc)
PS-013 Gomez	12/8			401	1.996	800	0.22	1.22	0.3384	1.66E-12	±5.53E-13	2.58E-13
PS-014 Medina	12/8			522	2.028	1059	0.22	1.42	0.3384	1.51E-12	±4.46E-13	1.95E-13
PS-015 Schooley	12/8			514	1.998	1027	0.22	0.86	0.3384	8.30E-13	±3.73E-13	2.01E-13
PS-016 White	12/8			473	2.027	959	0.22	3.30	0.3384	4.28E-12	±7.22E-13	2.15E-13
PS-018 Medina	12/9			471	1.957	922	0.22	1.06	0.3384	1.21E-12	±4.53E-13	2.23E-13
PS-019 White	12/9			451	1.945	877	0.22	2.44	0.3384	3.37E-12	±6.86E-13	2.35E-13
PS-020 Schooley	12/9			463	1.977	915	0.22	1.00	0.3384	1.13E-12	±4.45E-13	2.25E-13
PS-021 Medina	12/10			501	1.990	997	0.22	1.98	0.3384	2.35E-12	±5.49E-13	2.07E-13
PS-022 Gomez	12/10			454	1.963	891	0.22	1.38	0.3384	1.73E-12	±5.24E-13	2.31E-13
PS-023 Schooley	12/10			503	1.942	977	0.26	0.76	0.3384	6.81E-13	±3.81E-13	2.29E-13
PS-024 White	12/10			308	1.991	613	0.26	0.90	0.3384	1.39E-12	±6.48E-13	3.65E-13
PS-025 Gomez	12/11			508	1.994	1013	0.26	1.56	0.3384	1.71E-12	±4.91E-13	2.21E-13
PS-026 Medina	12/11			503	1.964	988	0.26	3.36	0.3384	4.18E-12	±7.11E-13	2.27E-13

Remarks:

Recorded By: Craig Rieman

Date: 12/15/92

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site Sac Newfield DIII Sample Count Time = 50 min. Background Count Time = 50 min.

1992 Detector Used SAC-4 S/N 868

SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
				min	LPM	L						
Sample Location/Person	Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	~~MDA~~ LC
PS-001 Gomez	12/3			394	2.002	789	0.28	0.8	0.3384	8.77E-13	±4.86E-13	2.95E-13
PS-002 White	12/3			350	1.986	695	0.28	3.34	0.3384	5.86E-12	±1.01E-13	3.34E-13
PS-003 Schooley	12/3			344	1.978	680	0.28	0.74	0.3384	9.00E-13	± 5.48E-13	3.42E-13
PS-004 Medina	12/3			349	1.981	691	0.28	2.2	0.3384	3.70E-12	± 8.41E-13	3.36E-13
PS-005 Medina	12/4			561	2.008	1126	0.28	1.94	0.3384	1.96E-12	±4.88E-13	2.06E-13
PS-006 Jordan	12/4			556	1.994	1109	0.28	2.20	0.3384	2.30E-12	±5.24E-13	2.10E-13
PS-007 Schooley	12/4			551	1.984	1093	0.28	0.70	0.3384	5.12E-13	± 3.34E-13	2.13E-13
PS-008 Gomez	12/4			212	2.011	426	0.28	0.80	0.3384	1.62E-12	± 9.00E-13	5.46E-13
PS-009 Gomez	12/7			498	1.994	993	0.24	0.82	0.3384	7.78E-13	± 3.83E-13	2.34E-13
PS-010 Schooley	12/7			495	1.963	971	0.24	1.26	0.3384	1.40E-12	± 4.65E-13	2.39E-13
PS-011 White	12/7			470	1.971	926	0.24	7.54	0.3384	1.05E-11	± 1.11E-12	2.51E-13
PS-012 Medina	12/7			202	1.985	401	0.24	0.64	0.3384	2.66E-12	±3.74E-13	5.8E-13

Remarks:

Recorded By: Craig Rieman

Date: 12/11/92

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site Sac Newfield DIII Sample Count Time = 50 min. Background Count Time = 50 min.

1992 Detector Used SAC-4 S/N 868

SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
				min	LPM	L						
Sample Location/Person	Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	~~MDA~~ LC
PS-001 Gomez	12/3			394	2.002	789	0.28	0.8	0.3384	8.77E-13	±4.86E-13	2.95E-13
PS-002 White	12/3			350	1.986	695	0.28	3.34	0.3384	5.86E-12	±1.01E-13	3.34E-13
PS-003 Schooley	12/3			344	1.978	680	0.28	0.74	0.3384	9.00E-13	± 5.48E-13	3.42E-13
PS-004 Medina	12/3			349	1.981	691	0.28	2.2	0.3384	3.70E-12	± 8.41E-13	3.36E-13
PS-005 Medina	12/4			561	2.008	1126	0.28	1.94	0.3384	1.96E-12	±4.88E-13	2.06E-13
PS-006 Jordan	12/4			556	1.994	1109	0.28	2.20	0.3384	2.30E-12	±5.24E-13	2.10E-13
PS-007 Schooley	12/4			551	1.984	1093	0.28	0.70	0.3384	5.12E-13	± 3.34E-13	2.13E-13
PS-008 Gomez	12/4			212	2.011	426	0.28	0.80	0.3384	1.62E-12	± 9.00E-13	5.46E-13
PS-009 Gomez	12/7			498	1.994	993	0.24	0.82	0.3384	7.78E-13	± 3.83E-13	2.34E-13
PS-010 Schooley	12/7			495	1.963	971	0.24	1.26	0.3384	1.40E-12	± 4.65E-13	2.39E-13
PS-011 White	12/7			470	1.971	926	0.24	7.54	0.3384	1.05E-11	± 1.11E-12	2.51E-13
PS-012 Medina	12/7			202	1.985	401	0.24	0.64	0.3384	2.66E-12	±3.74E-13	5.8E-13

Remarks:

Recorded By: Craig Rieman

Date: 12/11/92

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield VIII Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

1992 SAMPLE DESCRIPTION					m	LPM	L	COUNTING DATA			RESULTS		
Sample Location/Person		Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	~~MDA~~ Lc
AA-0096	F	12/4	0630	1521	531	38.4	20,390	0.28	287/50 5.74	0.3384	3.56E-13	± 4.44E-14	8.06E-15
AA-0097	S	12/4	0632	1525	533	38.1	20,307	0.28	779/50 15.58	0.3384	1.00E-12	± 7.24E-14	8.09E-15
AA-0098	F	12/7	0006	0738	452	38.4	17,357	0.26	942/50 18.84	0.3384	1.42E-12	± 9.29E-14	1.29E-14
AA-0099	S	12/7	0007	0741	454	38.1	17,297	0.26	282/50 5.64	0.3384	4.14E-13	± 5.18E-14	1.29E-14
AA-0100	F	12/8	0015	0831	496	38.4	19,046	0.26	1015/50 20.3	0.3384	1.40E-12	± 8.78E-14	1.18E-14
AA-0101	S	12/8	0017	0830	493	38.1	18,783	0.26	395/50 7.90	0.3384	5.41E-13	± 5.61E-14	1.19E-14
AA-0102	F	12/9	0002	0226	144	38.4	5,530	0.26	1066/50 21.3	0.3384	5.07E-12	± 3.10E-14	4.05E-14
AA-0103	S	12/9	0003	0230	147	38.1	5,601	0.26	185/50 3.7	0.3384	8.18E-13	± 1.31E-13	4.00E-14
AA-0104	F	12/9	0226	0740	314	38.4	12,058	0.26	793/50 15.86	0.3384	1.72E-12	± 1.23E-13	1.86E-14
AA-0105	S	12/9	0230	0742	312	38.1	11,887	0.26	157/50 3.14	0.3384	3.23E-13	± 5.72E-14	1.88E-14
AA-0106	F	12/10	0002	0816	494	38.4	18,970	0.2	1061/50 21.22	0.3384	1.47E-12	± 9.00E-14	1.04E-14
AA-0107	S	12/10	0003	0815	492	38.1	18,745	0.2	254/50 5.08	0.3384	3.47E-13	± 4.52E-14	1.05E-14
AA-0108	F	12/11	0015	0316	181	34.0	6,154	0.2	689/50 13.78	0.3384	2.94E-12	± 2.24E-13	3.19E-14

Remarks:

Recorded By:

Date:

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield

Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

1992 SAMPLE DESCRIPTION					Mn	LPM	L	COUNTING DATA			RESULTS		
Sample Location/Person		Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	MDA Lc
AA 0083	Westwell	4/15	0757	1744	587	39.5	23,186	0.22	240/50 4.80	0.358	2.49E-13	±3.37E-14	8.40E-15
AA-0084	S	5/4	0810	1450	400	34.9	13,960	0.24	381/50 7.62		6.65E-13	±2.78E-14	1.46E-14
AA 0085	F	5/4	0812	1452	400	34.4, 39 $\bar{x}$=36.7	14,680	0.22	402/50 8.04		6.70E-13	±6.83E-14	1.33E-14
AA-0086	S	5/5	0825	1517	442	34.9	15,426	0.22	644/50 12.88		1.03E-12	±8.18E-14	1.26E-14
AA-0087	F	5/5	0828	1548	440	39	17,160	0.22	2643/50 52.86		3.86E-12	±1.48E-13	1.13E-14
AA 0088	S	5/6	0825	1335	310	39.1	12,121	0.14	543/50 10.86		1.11E-12	±9.54E-14	1.28E-14
AA-0089	F	5/6	0828	1338	310	39	12,090	0.14	3716/50 74.32		7.72E-12	±2.49E-13	1.29E-14
AA 0090	S	5/7	0748	1735	587	39.1	22,952	0.14	1496/50 29.92		1.63E-12	±8.33E-14	6.77E-15
AA 0091	F	5/7	0744	1737	588	39.4, 47.1 $\bar{x}$=43.2	25,402	0.14	7509/50 150.18		7.43E-12	±1.68E-13	6.12E-15
AA-0092	S	6/2	0845	1550	425	39.1	16,618	0.2	321/50 6.42	0.3384	4.98E-13	±5.71E-14	1.18E-14
AA 0093	F	6/2	0915	1553	398	39.4	15,681	0.2	368/50 7.36		6.08E-13	±6.47E-14	1.25E-14
AA-0094	F	12/3	0735	1540	485	38.4	18,624	0.28	1127/50 22.54		1.59E-12	±9.46E-14	8.83E-15
AA-0095	S	12/3	0740	1542	482	35.8	17,256	0.28	467/50 9.34		7.20E-13	±6.63E-14	9.52E-15

Remarks:

Recorded By:

Date:

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield DIII **Sample Count Time =** 50 **min.** **Background Count Time =** 50 **min.**

Detector Used SAC-4 **S/N** 868

SAMPLE DESCRIPTION					Min	LPM	L	COUNTING DATA			RESULTS		
Sample Location/Person		Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	MDA Lc
AA-0070	S	4/9/10	0850	0850	1440	39.1	56,304	0.16	914/50 18.28	0.358	4.05E-13	±2.66E-14	2.95E-15
AA-0071	westwall	4/9/10	0905	0845	1420	39.5	56,090	0.16	221/50 4.42		9.56E-14	±1.33E-14	2.96E-15
AA-0072	F	4/10	0957	1457	300	39	11,700	0.22	676/50 13.52		1.43E-12	±1.10E-13	1.66E-14
AA-0073	S	4/10	0955	1510	315	39.1	12,316	0.16	385/50 7.7		7.70E-13	±7.94E-14	1.35E-14
AA-0074	westwall	4/10	0946	1512	326	39.5	12,877	0.2	389/50 7.78		7.41E-13	±7.65E-14	1.44E-14
AA-0075	F	4/13	0755	1516	471	39	18,369	0.22	1093/50 21.86		1.48E-12	±8.92E-14	1.06E-14
AA-0076	S	4/13	0800	1548	468	39.5	18,486	0.11	505/50 10.1		6.80E-13	±5.72E-14	7.45E-15
AA-0077	westwall	4/13	0800	1548	468	39.5	18,486	0.22	453/50 9.06		6.02E-13	±5.75E-14	1.05E-14
AA-0078	Westwall	4/14	0910	1445	335	39.5	13,232	0.22	477/50 9.54		8.86E-13	±8.23E-14	1.47E-14
AA-0079	S	4/14	0913	1442	329	39.1	12,864	0.22	367/50 7.34		6.96E-13	±7.45E-14	1.51E-14
AA-0080	F	4/14	0914	1439	325	39	12,675	0.22	3413/50 68.26		6.75E-12	±2.28E-13	1.54E-14
AA-0081	F	4/14	0749	1745	596	39	23,244	0.22	7494/50 149.88		8.10E-12	±1.84E-13	8.38E-15
AA-0082	S	4/15	0755	1745	590	39.1	23,069	0.22	694/50 13.88		7.45E-13	±5.68E-14	8.44E-15

Remarks:

Recorded By:

Date:

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield DMI Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

SAMPLE DESCRIPTION						Mn LPM	L	COUNTING DATA			RESULTS		
Sample Location/Person		Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	~~MDA~~ cc
AA-0056	F	3/26	0755	1428	393	39, 20.4 $\bar{x}$=29.7	11,672	0.18	1594/50 31.88	0.358	3.42E-12	±1.69E-13	1.51E-14
AA-0057	S	3/26	0745	1413	388	39.1, 34.9 $\bar{x}$=37.0	14,356	0.18	2414/50 48.28		4.22E-12	±1.69E-13	1.23E-14
AA-0058	S	3/31	0850	1330	280	39.1	10,948	0.2	829/50 16.58		1.88E-12	±1.30E-13	1.70E-14
AA-0059	F	4/3	0805	1628	503	39	19,617	0.2	1187/50 23.74		1.51E-12	±8.70E-14	9.47E-15
AA-0060	S	4/3	0748	1613	505	39.1	19,744	0.28	759/50 15.18		9.49E-13	±6.94E-14	1.11E-14
AA-0061	F	4/6	0826	1747	561	39	21,879	0.28	585/50 11.7		6.57E-13	±5.52E-14	1.00E-14
AA-0062	S	4/6	0814	1743	569	39.1	22,248	0.28	1161/50 23.22		1.3E-12	±7.60E-14	9.88E-15
AA-0063	F	4/7	0807	1547	460	39	17,940	0.22	2392/50 47.84		3.34E-12	±1.35E-13	1.09E-14
AA-0064	S	4/7	0805	1545	460	39.1	17,986	0.22	867/50 17.34		1.20E-12	±8.13E-14	1.08E-14
AA-0065	Lower Rm	4/7	0812	1548	456	39.5	18,012	0.08	85/50 1.7		1.13E-13	±2.58E-14	6.52E-15
AA-0066	F	4/8	0840	1505	385	39	15,015	0.08	2670/50 53.4		4.47E-12	±1.70E-13	7.82E-15
AA-0067	S	4/8	0840	1505	385	39.1	15,054	0.16	1050/50 21		1.74E-12	±1.07E-13	1.10E-14
AA-0069	F	4/7-10	0853	0853	1440	39	56,160	0.16	1447/50 28.94		6.45E-13	±3.35E-14	2.96E-15

Remarks:

Recorded By:

Date:

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield DIII Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 8608

1992 SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
Sample Location/Person	Date	Start	Stop	Sample Time (M)	Flow Rate (LPM)	Sample Volume (L)	Bkg. cpm	Sample cpm	Detector Eff. %	Activity µCi/ml	Standard Deviation	MDA Lc
AA-0045	3/5	0745	1635	530	39.1	20,723	0.18	427/50 9	35.8	5.1E-13	± 5.1E-14	8.5E-15
AA-0046	3/6	0750	1515	445	39	17,355	0.14	2835/50 57	35.8	4.1E-12	± 1.5E-13	9.0E-15
AA-0047	3/6	0747	1512	445	39.1	17,400	0.14	852/50 17	35.8	1.2E-12	± 8.3E-14	8.9E-15
AA 0048	3/9	0743	1532	469	39	18,291	0.14	427/50 9	35.8	5.8E-13	± 5.8E-14	8.5E-15
AA 0049	3/9	0740	1528	468	39.1	18,299	0.14	1636/50 33	35.8	2.2E-12	± 1.1E-13	8.5E-15
QC						18,299	0.14	1700/50 34	35.8	2.3E-12	± 1.1E-13	8.5E-15
AA-0050	3/10	0748	1343	355	39.1	13,881	0.18	715/50 14	35.8	1.3E-12	± 9.5E-14	1.3E-14
AA-0051	3/10	0750	1348	358	39	13,962	0.18	575/50 12	35.8	1.0E-12	± 8.7E-14	1.3E-14
AA-0052	3/11	0755	1520	445	39	17,355	0.18	784/50 16	35.8	1.1E-12	± 8.1E-14	1.0E-14
AA-0053	3/11	0752	1515	443	37	16,391	0.18	784/50 16	35.8	1.2E-12	± 8.6E-14	1.1E-14
AA-0054	3/12	0755	1633	518	39	20,202	0.18	529/50 11	35.8	6.5E-13	± 5.8E-14	8.7E-15
AA-0055	3/12	0750	1615	505	39.1	19,746	0.18	551/50 11.0	35.8	6.9E-13	± 5.9E-14	8.9E-15

Remarks:

Recorded By:

Date:

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield DIII Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

1992 SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
				m	LPM	L						
Sample Location/Person	Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	MDA
AA-0032	2/26	0902	1644	462	39.5	18,249	0.1	964/50 19	35.8	1.3E-12	± 8.4E-14	7.2E-15
AA-0033	2/28	0825	1703	518	36.7	19,011	0.1	7461/50 149	35.8	9.9E-12	± 2.2E-13	6.9E-15
AA-0033 QC						19,011	0.14	7472/50 149	35.8	9.9E-12	± 2.2E-13	8.2E-15
AA-0034	2/28	0827	1707	520	31.9	16,588	0.1	1165/50 23	35.8	1.8E-12	± 1.0E-13	7.9E-15
AA-0035	2/28	0830	1706	516	39.5	20,382	0.14	5529/50 111	35.8	6.8E-12	± 2.2E-13	9.4E-15
AA-0036	3/2	0806	1550	464	34.5	16,008	0.14	1021/50 20	35.8	1.6E-12	± 5.0E-14	9.7E-15
AA-0037	3/2	0810	1555	465	39.1	18,182	0.14	528/50 11	35.8	7.2E-13	± 6.4E-14	8.5E-15
AA-0038	3/2	0815	1553	458	39.5	18,091	0.06	1135/50 23	35.8	1.6E-12	± 9.3E-14	5.6E-15
AA-0039	3/3	0818	1531	433	39	16,887	0.06	876/50 18	35.8	1.3E-12	± 8.8E-14	6.0E-15
AA-0040	3/3	0820	1528	428	39.1	16,735	0.14	779/50 16	35.8	1.2E-12	± 8.4E-14	9.3E-15
AA-0042	3/4	0750	1528	458	39	17,862	0.14	447/50 9	35.8	6.2E-13	± 5.9E-14	5.3E-15
AA-0043	3/4	0745	1725	580	39.1	22,678	0.16	354/50 7	35.8	3.8E-13	± 4.1E-14	7.3E-15
AA-0044	3/5	0750	1640	530	39	20,670	0.16	298/50 6	35.8	3.5E-13	± 4.2E-14	8.0E-15

Remarks:

Recorded By:

Date:

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield / DIII

Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC-4 S/N 868

1992

SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
Sample Location/Person	Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	MDA
AA-0019	2/19-20	2/19 0835	2/20 0810	1415	36.7	51,931	0.1	960/50 19 cpm	35.8	4.6E-13	±1.8E-14	2.5E-1
AA-0021	2/20	0825	1630	450	34.5	15,525	0.1	1403/50 28	35.8	2.7E-12	±1.2E-13	8.5E-1
AA-0022	2/20	0815	1640	505	39.1	19,746	0.1	1789/50 36	35.8	2.3E-12	±1.1E-13	6.7E-1
AA-0023	2/21	0800	1703	543	39	21,177	0.22	1168/50 23	35.8	1.4E-12	±7.9E-14	9.2E-1
AA-0024	2/21	0805	1705	540	39.1	21,114	0.1	645/50 13	35.8	7.6E-13	±6.0E-14	6.2E-1
AA-0025	2/24	0630	1657	627	38.1	23,889	0.16	653/50 13	35.8	6.8E-13	±5.3E-14	7.0E-1
AA-0026	2/24	0635	1704	629	32	20,128	0.16	606/50 12	35.8	7.5E-13	±6.0E-14	8.3E-1
AA-0027	2/25	0805	1558	473	39	18,447	0.16	406/50 8	35.8	5.4E-13	±5.4E-14	9.0E-1
AA-0028	2/25	0803	1552	469	39.1	18,338	0.16	1441/50 29	35.8	2.0E-12	±1.0E-13	9.1E-1
AA-0029	2/25	0810	1600	470	39.5	18,565	0.16	1183/50 24	35.8	1.6E-12	±9.2E-14	9.0E-1
AA-0030	2/26	0858	1648	470	39	18,330	0.06	1792/50 36	35.8	2.5E-12	±1.1E-13	5.6E-1
" QC						18,330	0.06	1753/50 35	35.8	2.4E-12	±1.1E-13	5.6E-1
AA-0031	2/26	0900	1640	460	39.1	17,986	0.06	423/50 8	35.8	5.9E-13	±5.5E-14	5.7E-1

Remarks:

Recorded By:

Date:

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Newfield Hill

Sample Count Time = 50 min. Background Count Time = 50 min.

Detector Used SAC -4 S/N 868

1992 SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
Sample Location/Person	Date	Start	Stop	Sample Time	Flow Rate	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	MDA
AA 0005	2/12	0822	1433	371	39	14,469	0.02	221/50 4 cpm	35.8	3.8E-13	± 4.8E-14	4.1E-15
AA-0006	2/12	0830	1435	365	39.1	14,272	0.18	122/50 2 cpm	35.8	2.0E-13	± 3.6E-14	1.2E-14
AA-0007	2/13	0818	1704	526	39	20,514	0.18	229/50 5 cpm	35.8	2.7E-13	± 5.6E-14	1.2E-14
AA-0008	2/13	0820	1705	525	39.1	20,528	0.1	145/50 3 cpm	35.8	1.7E-13	± 3.0E-14	6.4E-15
QC					39.1	20,528	0.1	147/50 3 cpm	35.8	1.7E-13	± 3.0E-14	6.4E-15
AA-0009	2/14	0830	1715	525	39	20,475	0.08	232/50 5 cpm	35.8	2.8E-13	± 1.2E-14	5.7E-15
AA-0010	2/14	0832	1705	513	39.1	20,058	0.08	118/50 2 cpm	35.8	1.4E-13	± 2.5E-14	5.7E-15
AA-0011	2/17	0812	1645	513	34.5	17,699	0.22	700/50 14 cpm	35.8	9.8E-13	± 7.4E-14	1.1E-14
AA-0012	2/17	0815	1648	513	39.1	20,058	0.14	171/50 3 cpm	35.8	2.1E-13	± 3.1E-14	7.8E-15
AA-0013	2/17-18	2/17 1725	2/18 0843	918	39	35,802	0.14	496/50 10 cpm	35.8	3.4E-13	± 3.1E-14	4.3E-15
AA-0014	2/17-18	2/17 1729	2/18 0845	916	39.1	35,816	0.14	704/50 14 cpm	35.8	4.9E-13	± 3.7E-14	4.3E-15
AA-0016	2/18	0843	1530	407	36.7	14,937	0.14	905/50 19 cpm	35.8	1.6E-12	± 1.0E-13	1.0E-14
AA-0017	2/18	0845	1531	406	31.9	12,951	0.1	1005/50 20 cpm	35.8	1.9E-12	± 1.2E-13	1.0E-14

Remarks:

Recorded By:

Date:

Checked By:

Date:

AIR PARTICULATE SAMPLE REPORTING LOG

Site SMC Manifold

Sample Count Time = _____ min. Background Count Time = _____ min.

Detector Used _____ S/N _____

	SAMPLE DESCRIPTION							COUNTING DATA			RESULTS		
	Sample Location/Person	Date	Start	Stop	Sample Time	Flow Rate lpm	Sample Volume	Bkg. cpm	Sample cpm	Detector Eff.	Activity µCi/ml	Standard Deviation	MDA L_c
1	DIII FURNACE	2/3	0808	1432	384	39	14,976	0.12	2899/50 58cpm	35.8	4.9 E-12	± 1.8 E-13	9.6E-15
O.A.	RECOUNT						14,976	0.12	2908/50 58cpm	35.8	4.9E-12	± 1.8E-13	9.6E-15
2	DIII MIXER	2/3	0810	1430	380	39.1	14,858	0.12	1125/50 23cpm	35.8	1.9E-12	± 1.3E-13	9.7E-15
3	DIII FURNACE	2/4	0811	1407	356	39	13,884	0.12	1156/50 23cpm	35.8	2.1E-12	± 1.2E-13	1.0E-14
4	DIII MIXER	2/4	0812	1409	357	39.1	13,959	0.12	676/50 14cpm	35.8	1.2E-12	± 9.4E-14	1.0E-14
5	DIII MIXER	2/5	0804	1408	364	39.1	14,232	0.12	239/50 5cpm	35.8	4.1E-13	± 5.5E-14	1.0E-15
6	DIII MIXER *	2/6-1	0830	2/7/92 0828	1438	39.1	56,226	0.1	691/50 14cpm	35.8	3.1E-13	± 2.3E-14	2.3E-15
7	DIII MIXER	2/7	0823	1425	362	39.1	14,154	0.08	47/50 1cpm	35.8	7.3E-13	± 2.6E-14	8.3E-15
8	DIII FURNACE	2/7	0822	1423	361	39	14,079	0.08	74/50 1cpm	35.8	1.3E-13	± 2.6E-14	8.3E-15
	AA 0001	2/10	0813	1450	397	39	15,483	0.14	131/50 3cpm	35.8	2.0E-13	± 4.0E-14	1.0E-14
	AA 0002	2/10	0819	1452	393	39.1	15,366	0.14	84/50 2cpm	35.8	1.3E-13	± 3.3E-14	1.0E-14
	AA 0003	2/11	0817	1505	408	39	15,912	0.02	104/50 2cpm	35.8	1.6E-13	± 3.1E-14	3.7E-15
	AA-0004	2/11	0825	1507	402	39.1	15,718	0.02	107/50 2cpm	35.8	1.7E-13	± 3.2E-14	3.7E-15

Remarks: * THIS SAMPLE WAS RUN 24 HOURS AND WAS OVERLOADED

Recorded By: _____

Date: _____

Checked By: _____

Date: _____