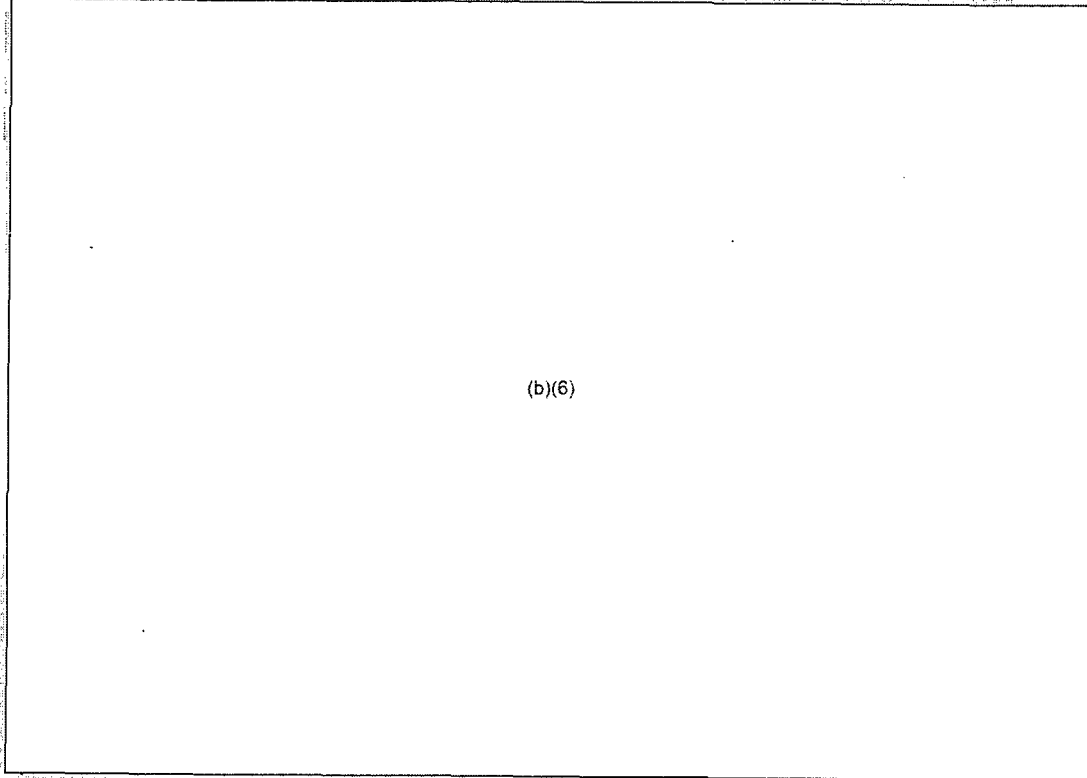


Weaver, Tonna

From: JapanEmbassy, TaskForce [JapanEmbassyTaskForce@state.gov]
Sent: Tuesday, March 29, 2011 7:35 PM
To:



Subject: Embassy radiation readings
Attachments: Embassy Readings.xls

Attached please find the radiation readings from the Embassy.

Naomi Walcott
Emergency Action Officer
Japan Emergency Command Center
U.S. Embassy Tokyo

This email is UNCLASSIFIED.

From: Rothgeb, Jason (TDY/DAO)
Sent: Wednesday, March 30, 2011 8:26 AM
To: CMHT; CWO2 Johnson; DOE Liaison; Farrell, Michael (TDY/DAO); HM2 Dorris; Jack Foster; JapanEmbassy, TaskForce; JFLCC CBRN; Johnstone, Gregg M; Mr. Brown; Mr. Murphy; Mr. Siler; Mrs. Miller; MSgt McClendon; Palad, Donato Q; PMT12; Sorom RD; SSgt McCarty; SSgt Thompson
Subject: Embassy Readings

Good morning, Ladies and Gentlemen,

Attached are the latest readings from the United States Embassy Tokyo, Japan.

AF/8

R/S

Sergeant Rothgeb, Jason A. (2300-1100)

Sergeant Ravelo, Jaclyn L. (1100-2300)

(b)(6)

(cell)

This email is UNCLASSIFIED.

New information since last report

Marine Corps Monitoring Equipment						
Measurement Date	Measurement Type	Raw Value	Measurement Unit	Location	Lat/Lon	Equipment Used
0930 20110325	Gamma	0.023	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1130 20110325	Gamma	0.027	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1343 20110325	Gamma	0.024	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1530 20110325	Gamma	0.021	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1742 20110325	Gamma	0.044	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
2000 20110325	Gamma	0.026	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
2200 20110325	Gamma	0.024	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
0001 20110326	Gamma	0.027	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
0200 20110326	Gamma	0.030	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
0400 20110326	Gamma	0.018	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
0600 20110326	Gamma	0.017	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
0800 20110326	Gamma	0.022	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1020 20110326	Gamma	0.025	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1200 20110326	Gamma	0.028	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1400 20110326	Gamma	0.030	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1600 20110326	Gamma	0.016	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1800 20110326	Gamma	0.026	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
2000 20110326	Gamma	0.023	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
2200 20110326	Gamma	0.024	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
0001 20110327	Gamma	0.029	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
0200 20110327	Gamma	0.028	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
0400 20110327	Gamma	0.031	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
0600 20110327	Gamma	0.024	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
0800 20110327	Gamma	0.026	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1000 20110327	Gamma	0.022	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1200 20110327	Gamma	0.019	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1400 20110327	Gamma	0.021	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C
1600 20110327	Gamma	0.020	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
1800 20110327	Gamma	0.020	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
2000 20110327	Gamma	0.023	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
2200 20110327	Gamma	0.022	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0001 20110328	Gamma	0.026	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0200 20110328	Gamma	0.032	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0400 20110328	Gamma	0.014	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0600 20110328	Gamma	0.017	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0800 20110328	Gamma	0.024	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
1000 20110328	Gamma	0.033	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
1200 20110328	Gamma	0.023	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
1400 20110328	Gamma	0.028	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
1600 20110328	Gamma	0.020	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
1800 20110328	Gamma	0.024	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
2000 20110328	Gamma	0.022	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
2200 20110328	Gamma	0.025	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0001 20110329	Gamma	0.016	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0200 20110329	Gamma	0.021	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0400 20110329	Gamma	0.019	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0600 20110329	Gamma	0.022	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0800 20110329	Gamma	0.020	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
1000 20110329	Gamma	0.026	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
1200 20110329	Gamma	0.026	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
1400 20110329	Gamma	0.046	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
1600 20110329	Gamma	0.035	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
1800 20110329	Gamma	0.023	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
2000 20110329	Gamma	0.027	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
2200 20110329	Gamma	0.022	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0001 20110330	Gamma	0.021	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0200 20110330	Gamma	0.022	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0400 20110330	Gamma	0.018	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0600 20110330	Gamma	0.021	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
0800 20110330	Gamma	0.021	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C
xxxx 20110330	Gamma		mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C

DOE Monitoring Equipment						
Measurement Date	Measurement Type	Raw Value	Measurement Unit	Location	Lat/Lon	Equipment Used
2240 20110325	Beta	850	CPM	Embassy Rooftop	35.668 139.743	DT-685/PDQ S/N A01669/P00446
2240 20110325	Gamma	21.4K	CPM	Embassy Rooftop	35.668 139.743	E-600 W/ SSPA-3 S/N 02255/2429
0001 20110326	Beta	835	CPM	Embassy Rooftop	35.668 139.743	DT-685/PDQ S/N A01669/P00446

0001	20110329	Gamma	N/A	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
0200	20110329	Beta	830	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
0200	20110329	Gamma	N/A	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
0400	20110329	Beta	707	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
0400	20110329	Gamma	N/A	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
0600	20110329	Beta	673	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
0600	20110329	Gamma	N/A	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
0800	20110329	Beta	750	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
0800	20110329	Gamma	27.2K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
1000	20110329	Beta	541	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
1000	20110329	Gamma	28.5K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
1200	20110329	Beta	668	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
1200	20110329	Gamma	28.1K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
1400	20110329	Beta	560	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
1400	20110329	Gamma	27.8K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
1600	20110329	Beta	719	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
1600	20110329	Gamma	28.5K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
1800	20110329	Beta	565	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
1800	20110329	Gamma	27.8K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
2000	20110329	Beta	723	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
2000	20110329	Gamma	27.7K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
2200	20110329	Beta	622	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
2200	20110329	Gamma	27.6K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
0001	20110330	Beta	745	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
0001	20110330	Gamma	27.6K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
0200	20110330	Beta	685	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
0200	20110330	Gamma	26.4K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
0400	20110330	Beta	675	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
0400	20110330	Gamma	27.1K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
0600	20110330	Beta	705	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
0600	20110330	Gamma	27.0K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
0800	20110330	Beta	655	CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
0800	20110330	Gamma	27.7K	CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429
xxxx	20110330	Beta		CPM	Embassy Rooftop	35.668	139.743	DT-685/PDQ S/N A01669/P00446
xxxx	20110330	Gamma		CPM	Embassy Rooftop	35.668	139.743	E-600 W/ SSPA-3 S/N 02255/2429

SAIC OmniTrak PPM-2000

Measurement Date	Measurement Type	Raw Value	Measurement Unit	Location	Lat/Lon	Remarks
1930	20110328	Gamma	2530	CPM	Embassy Entrance	35.668 139.743
2130	20110328	Gamma	2529	CPM	Embassy Entrance	35.668 139.743
0030	20110329	Gamma	2511	CPM	Embassy Entrance	35.668 139.743
0200	20110329	Gamma	2505	CPM	Embassy Entrance	35.668 139.743
0400	20110329	Gamma	2530	CPM	Embassy Entrance	35.668 139.743
0600	20110329	Gamma	2488	CPM	Embassy Entrance	35.668 139.743
0815	20110329	Gamma	2355	CPM	Embassy Entrance	35.668 139.743

iCAM Air Sampler

Measurement Date	Alpha Background	Beta Background	Alpha Readings	Beta Readings	Measurement Unit	Location	Lat/Lon	Air Flow
2240	20110325	N/A	N/A	3.34E-13	5.33E-12	uCi/cc	Embassy Rooftop	35.668 139.743 N/A
0001	20110326	N/A	N/A	2.31E-13	-5.31E-12	uCi/cc	Embassy Rooftop	35.668 139.743 N/A
0200	20110326	N/A	N/A	2.61E-13	-1.30E-12	uCi/cc	Embassy Rooftop	35.668 139.743 N/A
0400	20110326	N/A	N/A	-2.99E-13	3.03E-11	uCi/cc	Embassy Rooftop	35.668 139.743 N/A
0600	20110326	N/A	N/A	-8.68E-13	8.65E-12	uCi/cc	Embassy Rooftop	35.668 139.743 N/A
0800	20110326	N/A	N/A	4.31E-13	-5.72E-12	uCi/cc	Embassy Rooftop	35.668 139.743 N/A
1020	20110326	N/A	N/A	-3.86E-13	5.23E-12	uCi/cc	Embassy Rooftop	35.668 139.743 N/A
1200	20110326	N/A	N/A	3.31E-13	6.06E-12	uCi/cc	Embassy Rooftop	35.668 139.743 1.3 CFM
1400	20110326	N/A	N/A	-5.29E-13	9.64E-11	uCi/cc	Embassy Rooftop	35.668 139.743 1.2 CFM
1600	20110326	N/A	N/A	-4.41E-13	-1.42E-11	uCi/cc	Embassy Rooftop	35.668 139.743 1.2 CFM
1800	20110326	N/A	N/A	8.24E-13	-6.38E-12	uCi/cc	Embassy Rooftop	35.668 139.743 1.2 CFM
2000	20110326	N/A	N/A	-3.33E-13	6.88E-12	uCi/cc	Embassy Rooftop	35.668 139.743 1.2 CFM
2200	20110326	N/A	N/A	6.32E-13	-2.27E-12	uCi/cc	Embassy Rooftop	35.668 139.743 1.2 CFM
0001	20110327	N/A	N/A	-1.32E-13	-1.33E-11	uCi/cc	Embassy Rooftop	35.668 139.743 1.1 CFM
0200	20110327	N/A	N/A	-4.72E-13	9.20E-13	uCi/cc	Embassy Rooftop	35.668 139.743 1.1 CFM
0400	20110327	N/A	N/A	1.09E-12	-9.51E-12	uCi/cc	Embassy Rooftop	35.668 139.743 1.2 CFM
0600	20110327	N/A	N/A	4.85E-13	1.68E-12	uCi/cc	Embassy Rooftop	35.668 139.743 1.1 CFM
0800	20110327	N/A	N/A	-2.11E-12	1.50E-11	uCi/cc	Embassy Rooftop	35.668 139.743 1.1 CFM
1000	20110327	N/A	N/A	5.84E-14	-1.36E-11	uCi/cc	Embassy Rooftop	35.668 139.743 1.1 CFM
1200	20110327	N/A	N/A	-7.93E-14	-5.14E-12	uCi/cc	Embassy Rooftop	35.668 139.743 1.2 CFM
1400	20110327	N/A	N/A	7.44E-14	-1.22E-12	uCi/cc	Embassy Rooftop	35.668 139.743 1.2 CFM
1600	20110327	N/A	N/A	-4.42E-14	4.48E-12	uCi/cc	Embassy Rooftop	35.668 139.743 1.2 CFM

1800	20110327	N/A	N/A	1.86E-13	-5.93E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.2 CFM
2000	20110327	N/A	N/A	-8.02E-13	5.73E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.2 CFM
2200	20110327	N/A	N/A	-4.16E-13	-2.51E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.2 CFM
0001	20110328	N/A	N/A	1.35E-14	-5.20E-13	uCi/cc	Embassy Rooftop	35.668	139.743	1.2 CFM
0200	20110328	N/A	N/A	1.25E-13	-2.12E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.2 CFM
0400	20110328	N/A	N/A	2.82E-13	1.38E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.2 CFM
0600	20110328	N/A	N/A	5.43E-13	-1.42E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
0800	20110328	N/A	N/A	7.39E-13	-2.48E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.0 CFM
1000	20110328	N/A	N/A	1.74E-12	2.15E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.0 CFM
1200	20110328	N/A	N/A	1.49E-13	-2.71E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
1400	20110328	N/A	N/A	-2.20E-13	1.63E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.2 CFM
1600	20110328	N/A	N/A	-2.63E-13	8.89E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
1800	20110328	N/A	N/A	-3.05E-13	6.43E-14	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
2000	20110328	N/A	N/A	1.01E-12	-1.64E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
2200	20110328	N/A	N/A	4.08E-13	8.55E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
0001	20110329	N/A	N/A	-5.13E-13	1.38E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
0200	20110329	N/A	N/A	4.05E-13	1.64E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
0400	20110329	N/A	N/A	-2.37E-13	3.43E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.0 CFM
0600	20110329	N/A	N/A	2.32E-13	6.18E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.4 CFM
0800	20110329	N/A	N/A	5.12E-13	8.56E-13	uCi/cc	Embassy Rooftop	35.668	139.743	1.3 CFM
1000	20110329	N/A	N/A	-3.18E-13	8.56E-13	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
1200	20110329	N/A	N/A	3.72E-14	-9.07E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
1400	20110329	N/A	N/A	7.06E-13	-1.33E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.2 CFM
1600	20110329	N/A	N/A	-5.26E-14	2.16E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
1800	20110329	N/A	N/A	-3.04E-13	9.38E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
2000	20110329	N/A	N/A	-3.60E-14	1.89E-11	uCi/cc	Embassy Rooftop	35.668	139.743	1.0 CFM
2200	20110329	N/A	N/A	8.68E-14	-6.90E-12	uCi/cc	Embassy Rooftop	35.668	139.743	0.9 CFM
0001	20110330	N/A	N/A	-6.30E-13	1.49E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.3 CFM
0200	20110330	9.44E-11	2.22E-10	-1.82E-13	-5.59E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.2 CFM
0400	20110330	1.13E-10	2.23E-10	-6.68E-13	1.23E-12	uCi/cc	Embassy Rooftop	35.668	139.743	1.1 CFM
0600	20110330	1.23E-10	2.85E-10	2.31E-12	2.31E-11	uCi/cc	Embassy Rooftop	35.668	139.743	0.9 CFM
0800	20110330	1.05E-10	2.45E-10	5.50E-13	1.96E-10	uCi/cc	Embassy Rooftop	35.668	139.743	1.2 CFM
xxxx	20110330					uCi/cc	Embassy Rooftop	35.668	139.743	

DOE Low Volume Air Sampler

Measurement Date	Measurement Type	Raw Value	Measurement Unit	Location	Lat/Lon	Equipment Used	Run Time	Air Flow (Start/Stop)	Total Volume	
1246	20110326	Gamma	0.023	mR/h	Harris Tower	35.667 139.737	AN/PDR-77 S/N 00463C	24 hr 0 min	.81/1.04 CFM	1484.76 SCF
1542	20110326	Gamma	0.016	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00463C	24 hr 13 min	.78/1.78 CFM	1135.59 SCF
1300	20110327	Gamma	0.021	mR/h	Harris Tower	35.667 139.737	AN/PDR-77 S/N 00463C	24 hr 8 min	1.06/1.05 CFM	1495.60 SCF
1543	20110327	Gamma	0.020	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C	23 hr 55 min	.83/1.81 CFM	1192.11 SCF
1318	20110328	Gamma	0.016	mR/h	Harris Tower	35.667 139.737	AN/PDR-77 S/N 00795C	Unknown	1.06/Unknown CFM	Unknown
1610	20110328	Gamma	0.021	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C	24 hr 10min	.81/1.79 CFM	1151.17 SCF
1329	20110329	Gamma	0.024	mR/h	Harris Tower	35.667 139.737	AN/PDR-77 S/N 00795C	24 hr 9 min	1.06/1.04 CFM	1521.18 SCF
1604	20110329	Gamma	0.035	mR/h	Embassy Rooftop	35.668 139.743	AN/PDR-77 S/N 00795C	23 hr 52 min	.80/1.76 CFM	1122.14 SCF