

ExposedComments	ExposedEquilDateTime	ExposedDate	ExposedCondAvg24HrTemp
TC1PM25102311005	11/14/2011	11/15/2011	21.3
TC2PM10102311006	11/14/2011	11/15/2011	21.3
TC3PM25102311007	11/14/2011	11/15/2011	21.3
TC4PM10102311008	11/14/2011	11/15/2011	21.3
TCB110411025-Trip blank	11/14/2011	11/15/2011	21.3
TC1PM25102011001	11/14/2011	11/15/2011	21.3
TC2PM10102011002	11/14/2011	11/15/2011	21.3
TC3PM25102011003	11/14/2011	11/15/2011	21.3
TC4PM10102011004	11/14/2011	11/15/2011	21.3
TC1PM25102911013	11/14/2011	11/15/2011	21.3
TC2PM25102911015	11/14/2011	11/15/2011	21.3
TC2PM10102911016	11/14/2011	11/15/2011	21.3
TC2PM10110411024	11/14/2011	11/15/2011	21.3
TC2PM25110411023	11/14/2011	11/15/2011	21.3
TC1PM10102911014	11/14/2011	11/15/2011	21.3
TC1PM25110111017	11/14/2011	11/15/2011	21.3
TC1PM10110111018	11/14/2011	11/15/2011	21.3
TC2PM25110111019	11/14/2011	11/15/2011	21.3
TC2PM10110111020	11/14/2011	11/15/2011	21.3
TC1PM25110411021-Torn	11/14/2011	11/15/2011	21.3
TC1PM10110411022	11/14/2011	11/15/2011	21.3

[illegible]

[illegible]

ExposedCondMax24HrRH	ExposedCondStdv24HrRH	ExposedAnalysisAvgRH	TareMass	ExposedMass
37.47	0.5	35.32	141.022	141.099
37.47	0.5	35.32	141.565	141.744
37.47	0.5	35.32	139.923	140
37.47	0.5	35.32	140.803	140.946
37.47	0.5	35.32	140.256	140.261
37.47	0.5	35.32	145.278	145.333
37.47	0.5	35.32	146.52	146.722
37.47	0.5	35.32	146.195	146.249
37.47	0.5	35.32	146.427	146.541
37.47	0.5	35.32	145.041	145.106
37.47	0.5	35.32	144.581	144.655
37.47	0.5	35.32	148.95	149.109
37.47	0.5	35.32	146.513	146.526
37.47	0.5	35.32	143.63	143.683
37.47	0.5	35.32	145.99	146.188
37.47	0.5	35.32	145.819	145.903
37.47	0.5	35.32	145.81	145.973
37.47	0.5	35.32	143.527	143.625
37.47	0.5	35.32	145.729	145.935
37.47	0.5	35.32	143.552	143.6
37.47	0.5	35.32	144.247	144.358

NetMass

0.077

0.179

0.077

0.143

0.005

0.055

0.202

0.054

0.114

0.065

0.074

0.159

0.013

0.053

0.198

0.084

0.163

0.098

0.206

0.048

0.111

SampleID	LocationShippedTo	TareEquilDateTime	TareDate	TareCondAvg24HrTemp
P0278505	Travis County	10/7/2011	10/10/2011	21.2
P0278506	Travis County	10/7/2011	10/10/2011	21.2
P0278507	Travis County	10/7/2011	10/10/2011	21.2
P0278508	Travis County	10/7/2011	10/10/2011	21.2

TareCondMin24HrTemp	TareCondMax24HrTemp	TareCondStdv24HrTemp	TareAnalysisAvgTemp
20.85	22.08	0.2	21.68
20.85	22.08	0.2	21.68
20.85	22.08	0.2	21.68
20.85	22.08	0.2	21.68

TareCondAvg24HrRH	TareCondMin24HrRH	TareCondMax24HrRH	TareCondStdv24HrRH
35.8	34.63	37.29	0.4
35.8	34.63	37.29	0.4
35.8	34.63	37.29	0.4
35.8	34.63	37.29	0.4

TareAnalysisAvgRH	DateShippedTare	Shipper	DateReceivedExposed	COCUsed	MaxXportTemp
35.49	10/10/2011	FedEx Economy	11/16/2011	TRUE	25
35.49	10/10/2011	FedEx Economy	11/16/2011	TRUE	25
35.49	10/10/2011	FedEx Economy	11/16/2011	TRUE	25
35.49	10/10/2011	FedEx Economy	11/16/2011	TRUE	25

ExposedComments	ExposedEquilDateTime	ExposedDate	ExposedCondAvg24HrTemp
TC1PM25102611009	11/16/2011	11/17/2011	21.2
TC2PM10102611010	11/16/2011	11/17/2011	21.2
TC3PM25102611011	11/16/2011	11/17/2011	21.2
TC4PM10102611012	11/16/2011	11/17/2011	21.2

ExposedCondMin24HrTemp	ExposedCondMax24HrTemp	ExposedCondStdv24HrTemp
20.68	21.7	0.2
20.68	21.7	0.2
20.68	21.7	0.2
20.68	21.7	0.2

ExposedAnalysisAvgTemp	ExposedCondAvg24HrRH	ExposedCondMin24HrRH
21.21	35.6	34.28
21.21	35.6	34.28
21.21	35.6	34.28
21.21	35.6	34.28

ExposedCondMax24HrRH	ExposedCondStdv24HrRH	ExposedAnalysisAvgRH	TareMass	ExposedMass
37.8	0.6	35.74	141.827	141.885
37.8	0.6	35.74	141.553	141.639
37.8	0.6	35.74	139.691	139.75
37.8	0.6	35.74	141.907	142.015

NetMass

0.058

0.086

0.059

0.108

Micro-Gravimetric Lab Blank Analysis Results

URS Corporation

October 1, 2011 - November 15, 2011

Blank ID	Exposure Analysis Date	Mass (mg)		
		Initial	Final	Net
3004334	11/15/11	141.226	141.229	0.003
3004401	11/15/11	146.606	146.610	0.004

Micro-Gravimetric Lab Blank Analysis Results

URS Corporation

November 16, 2011 - November 17, 2011

Blank ID	Exposure Analysis Date	Mass (mg)		
		Initial	Final	Net
3004334	11/15/11	141.226	141.229	0.003

Micro-Gravimetric Void and Expired Samples

URS Corporation

October 1, 2011 - November 15, 2011

Location Sample was Received From	Laboratory Reception Date	Sample ID	Sample Status
Travis County	11/11/11	P0278505	Void-No Filter Returned
Travis County	11/11/11	P0278506	Void-No Filter Returned
Travis County	11/11/11	P0278507	Void-No Filter Returned
Travis County	11/11/11	P0278508	Void-No Filter Returned

Micro-Gravimetric Void and Expired Samples

URS Corporation

November 16, 2011 - November 17, 2011

Location Sample was Received From	Laboratory Reception Date	Sample ID	Sample Status
No Void or Expired Samples			

Micro-Gravimetric Replicate Analysis Results

URS Corporation

October 1, 2011 - November 15, 2011

Sample ID	Analysis Type	Analysis Date	Mass (mg)		
			Original	Replicate	Net
P0278502	Tare	10/10/11	141.565	141.565	0.000
P0280276	Tare	10/24/11	145.819	145.815	-0.004
P0280277	Tare	10/24/11	145.810	145.807	-0.003
P0280279	Gross	11/15/11	145.935	145.933	-0.002

Micro-Gravimetric Replicate Analysis Results

URS Corporation

November 16, 2011 - November 17, 2011

Sample ID	Analysis Type	Analysis Date	Mass (mg)		
			Original	Replicate	Net
P0278508	Gross	11/17/11	142.015	142.017	0.002

PM_{2.5} Gravimetric Analysis Results

Travis County

Sample ID	Tare Analysis Date	Exposed Analysis Date	Maximum Exposed Transportation Temperature (°C)	Mass (mg)			Exposed Comments
				Tare	Gross	Net	
P0330519	12/23/11	02/01/12	14.0	141.518	141.547	0.029	TC1PM25010512001
P0330520	12/23/11	02/01/12	14.0	139.879	140.037	0.158	TC1PM10010512002
P0330521	12/23/11	02/01/12	14.0	138.751	138.829	0.078	TC2PM25010512003
P0330522	12/23/11	02/01/12	14.0	137.150	137.327	0.177	TC2PM10010512004
P0330523	12/23/11	02/01/12	14.0	141.227	141.455	0.228	TC1PM10010812006
P0330524	12/23/11	02/01/12	14.0	138.190	138.264	0.074	TC1PM25010812005
P0330525	12/23/11	02/01/12	14.0	139.018	139.157	0.139	TC2PM25010812007
P0330526	12/23/11	02/01/12	14.0	137.182	137.412	0.230	TC2PM10010812008
P0330527	12/23/11	02/01/12	14.0	140.192	140.207	0.015	TC1PM25011112009 Did not run
P0330528	12/23/11	02/01/12	14.0	138.311	138.358	0.047	TC2PM25011112011
P0330529	12/23/11	02/01/12	14.0	142.210	142.295	0.085	TC1PM10011112010
P0330530	12/23/11	02/01/12	14.0	139.366	139.456	0.090	TC2PM10011112012
P0330531	12/23/11	02/01/12	14.0	138.748	138.987	0.239	TC1PM10011412014
P0330532	12/23/11	02/01/12	14.0	137.513	137.577	0.064	TC2PM25011412015
P0330533	12/23/11	02/01/12	14.0	138.346	138.472	0.126	TC2PM10011412016
P0330534	12/23/11	02/01/12	14.0	139.059	139.068	0.009	TC1PM25011412013 Did not run
P0330535	12/23/11	02/03/12	14.0	139.341	139.342	0.001	TC1PM25011712017
P0330536	12/23/11	02/01/12	14.0	140.114	140.212	0.098	TC1PM10011712018
P0330537	12/23/11	02/01/12	14.0	138.136	138.143	0.007	TC2PM25011712019
P0330538	12/23/11	02/01/12	14.0	139.879	139.979	0.100	TC2PM10011712020
P0330539	12/23/11	02/01/12	14.0	138.944	138.953	0.009	TC1B012012025 Field blank
P0330540	12/23/11	02/01/12	14.0	140.894	140.901	0.007	TC1PM25012012021 Did not run
P0330541	12/23/11	02/01/12	14.0	138.927	139.360	0.433	TC2PM10012012024
P0330542	12/23/11	02/01/12	14.0	140.428	140.583	0.155	TC1PM10012012022
P0330543	12/23/11	02/01/12	14.0	143.390	143.505	0.115	TC2PM25012012023

SampleID	LocationShippedTo	TareEquilDateTime	TareDate	TareCondAvg24HrTemp
P0330519	Travis County	12/21/2011	12/23/2011	21.1
P0330520	Travis County	12/21/2011	12/23/2011	21.1
P0330521	Travis County	12/21/2011	12/23/2011	21.1
P0330522	Travis County	12/21/2011	12/23/2011	21.1
P0330523	Travis County	12/21/2011	12/23/2011	21.1
P0330524	Travis County	12/21/2011	12/23/2011	21.1
P0330525	Travis County	12/21/2011	12/23/2011	21.1
P0330526	Travis County	12/21/2011	12/23/2011	21.1
P0330527	Travis County	12/21/2011	12/23/2011	21.1
P0330528	Travis County	12/21/2011	12/23/2011	21.1
P0330529	Travis County	12/21/2011	12/23/2011	21.1
P0330530	Travis County	12/21/2011	12/23/2011	21.1
P0330531	Travis County	12/21/2011	12/23/2011	21.1
P0330532	Travis County	12/21/2011	12/23/2011	21.1
P0330533	Travis County	12/21/2011	12/23/2011	21.1
P0330534	Travis County	12/21/2011	12/23/2011	21.1
P0330535	Travis County	12/21/2011	12/23/2011	21.1
P0330536	Travis County	12/21/2011	12/23/2011	21.1
P0330537	Travis County	12/21/2011	12/23/2011	21.1
P0330538	Travis County	12/21/2011	12/23/2011	21.1
P0330539	Travis County	12/21/2011	12/23/2011	21.1
P0330540	Travis County	12/21/2011	12/23/2011	21.1
P0330541	Travis County	12/21/2011	12/23/2011	21.1
P0330542	Travis County	12/21/2011	12/23/2011	21.1
P0330543	Travis County	12/21/2011	12/23/2011	21.1

TareCondMin24HrTemp	TareCondMax24HrTemp	TareCondStdv24HrTemp	TareAnalysisAvgTemp
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.13
20.55	21.74	0.2	21.11
20.55	21.74	0.2	21.11

[illegible]

TareAnalysisAvgRH	DateShippedTare	Shipper	DateReceivedExposed	COCUsed	MaxXportTemp
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	2/2/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.85	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.78	12/23/2011	FedEx Economy	1/31/2012	TRUE	14
35.78	12/23/2011	FedEx Economy	1/31/2012	TRUE	14

ExposedComments	ExposedEquilDateTime	ExposedDate	ExposedCondAvg24HrTemp
TC1PM25010512001	1/31/2012	2/1/2012	21.3
TC1PM10010512002	1/31/2012	2/1/2012	21.3
TC2PM25010512003	1/31/2012	2/1/2012	21.3
TC2PM10010512004	1/31/2012	2/1/2012	21.3
TC1PM10010812006	1/31/2012	2/1/2012	21.3
TC1PM25010812005	1/31/2012	2/1/2012	21.3
TC2PM25010812007	1/31/2012	2/1/2012	21.3
TC2PM10010812008	1/31/2012	2/1/2012	21.3
TC1PM25011112009 Did not run	1/31/2012	2/1/2012	21.3
TC2PM25011112011	1/31/2012	2/1/2012	21.3
TC1PM10011112010	1/31/2012	2/1/2012	21.3
TC2PM10011112012	1/31/2012	2/1/2012	21.3
TC1PM10011412014	1/31/2012	2/1/2012	21.3
TC2PM25011412015	1/31/2012	2/1/2012	21.3
TC2PM10011412016	1/31/2012	2/1/2012	21.3
TC1PM25011412013 Did not run	1/31/2012	2/1/2012	21.3
	2/2/2012	2/3/2012	
TC1PM10011712018	1/31/2012	2/1/2012	21.3
TC2PM25011712019	1/31/2012	2/1/2012	21.3
TC2PM10011712020	1/31/2012	2/1/2012	21.3
TC1B012012025 Field blank	1/31/2012	2/1/2012	21.3
TC1PM25012012021 Did not run	1/31/2012	2/1/2012	21.3
TC2PM10012012024	1/31/2012	2/1/2012	21.3
TC1PM10012012022	1/31/2012	2/1/2012	21.3
TC2PM25012012023	1/31/2012	2/1/2012	21.3

[illegible]

[illegible]

ExposedCondMax24HrRH	ExposedCondStdv24HrRH	ExposedAnalysisAvgRH	TareMass	ExposedMass
37.4	0.5	35.23	141.518	141.547
37.4	0.5	35.23	139.879	140.037
37.4	0.5	35.23	138.751	138.829
37.4	0.5	35.23	137.15	137.327
37.4	0.5	35.23	141.227	141.455
37.4	0.5	35.23	138.19	138.264
37.4	0.5	35.23	139.018	139.157
37.4	0.5	35.23	137.182	137.412
37.4	0.5	35.23	140.192	140.207
37.4	0.5	35.23	138.311	138.358
37.4	0.5	35.23	142.21	142.295
37.4	0.5	35.23	139.366	139.456
37.4	0.5	35.23	138.748	138.987
37.4	0.5	35.23	137.513	137.577
37.4	0.5	35.23	138.346	138.472
37.4	0.5	35.23	139.059	139.068
			139.341	139.342
37.4	0.5	35.23	140.114	140.212
37.4	0.5	35.23	138.136	138.143
37.4	0.5	35.23	139.879	139.979
37.4	0.5	35.23	138.944	138.953
37.4	0.5	35.23	140.894	140.901
37.4	0.5	35.23	138.927	139.36
37.4	0.5	35.23	140.428	140.583
37.4	0.5	35.23	143.39	143.505

NetMass

0.029

0.158

0.078

0.177

0.228

0.074

0.139

0.23

0.015

0.047

0.085

0.09

0.239

0.064

0.126

0.009

0.001

0.098

0.007

0.1

0.009

0.007

0.433

0.155

0.115

Micro-Gravimetric Lab Blank Analysis Results

URS Corporation

January 1, 2012 - February 3, 2012

Blank ID	Exposure Analysis Date	Mass (mg)		
		Initial	Final	Net
3004739	02/01/12	142.875	142.885	0.010
3004740	02/01/12	139.537	139.544	0.007

Micro-Gravimetric Void and Expired Samples

URS Corporation

January 1, 2012 - February 3, 2012

Location Sample was Received From	Laboratory Reception Date	Sample ID	Sample Status
No Void or Expired Samples			

Micro-Gravimetric Replicate Analysis Results

URS Corporation

January 1, 2012 - February 3, 2012

Sample ID	Analysis Type	Analysis Date	Mass (mg)		
			Original	Replicate	Net
P0330541	Gross	02/01/12	139.360	139.361	0.001
P0330535	Gross	02/03/12	139.342	139.341	-0.001

PM_{2.5} Gravimetric Analysis Results**Travis County**

Sample ID	Tare Analysis Date	Exposed Analysis Date	Maximum Exposed Transportation Temperature (°C)	Mass (mg)			Exposed Comments
				Tare	Gross	Net	
W0383680	03/05/12	04/17/12	18.0	139.696	139.802	0.106	TC1PM10031512002
W0383681	03/05/12	04/17/12	18.0	140.813	140.878	0.065	TC2PM25031512003
W0383682	03/05/12	04/17/12	18.0	141.172	141.244	0.072	TC1PM25031512001
W0383683	03/05/12	04/17/12	18.0	140.722	140.796	0.074	TC2PM25031812006
W0383684	03/05/12	04/17/12	18.0	140.434	140.527	0.093	TC1PM10031812005
W0383685	03/05/12	04/17/12	18.0	140.104	140.160	0.056	TC1PM25031812004
W0383686	03/05/12	04/17/12	18.0	140.393	140.435	0.042	TC2PM25032112009
W0383687	03/05/12	04/17/12	18.0	140.394	140.478	0.084	TC2PM25032412012
W0383688	03/05/12	04/17/12	18.0	139.919	140.049	0.130	TC1PM10032712014
W0383689	03/05/12	04/17/12	18.0	140.322	141.173	0.851	TC2PM25032712015 Particles
W0383690	03/05/12	04/17/12	18.0	140.523	140.599	0.076	TC1PM25032712013
W0383691	03/05/12	04/17/12	18.0	139.540	139.630	0.090	TC1PM25032412010
W0383692	03/05/12	04/17/12	18.0	138.869	138.988	0.119	TC1PM10032412011
W0383693	03/05/12	04/17/12	18.0	141.321	141.362	0.041	TC1PM25032112007
W0383694	03/05/12	04/17/12	18.0	138.256	138.355	0.099	TC1PM10032112008
W0383695	03/05/12	04/17/12	18.0	139.852	139.993	0.141	TC1PM10033012017
W0383696	03/05/12	04/17/12	18.0	139.021	139.109	0.088	TC2PM25033012018
W0383697	03/05/12	04/17/12	18.0	141.115	141.211	0.096	TC1PM25033012016
W0383702	03/05/12	04/17/12	18.0	141.638	141.642	0.004	TCB041212019 Field Blank

SampleID	LocationShippedTo	TareEquilDateTime	TareDate	TareCondAvg24HrTemp
W0383680	Travis County	3/2/2012	3/5/2012	21.2
W0383681	Travis County	3/2/2012	3/5/2012	21.2
W0383682	Travis County	3/2/2012	3/5/2012	21.2
W0383683	Travis County	3/2/2012	3/5/2012	21.2
W0383684	Travis County	3/2/2012	3/5/2012	21.2
W0383685	Travis County	3/2/2012	3/5/2012	21.2
W0383686	Travis County	3/2/2012	3/5/2012	21.2
W0383687	Travis County	3/2/2012	3/5/2012	21.2
W0383688	Travis County	3/2/2012	3/5/2012	21.2
W0383689	Travis County	3/2/2012	3/5/2012	21.2
W0383690	Travis County	3/2/2012	3/5/2012	21.2
W0383691	Travis County	3/2/2012	3/5/2012	21.2
W0383692	Travis County	3/2/2012	3/5/2012	21.2
W0383693	Travis County	3/2/2012	3/5/2012	21.2
W0383694	Travis County	3/2/2012	3/5/2012	21.2
W0383695	Travis County	3/2/2012	3/5/2012	21.2
W0383696	Travis County	3/2/2012	3/5/2012	21.2
W0383697	Travis County	3/2/2012	3/5/2012	21.2
W0383702	Travis County	3/2/2012	3/5/2012	21.2

TareCondMin24HrTemp	TareCondMax24HrTemp	TareCondStdv24HrTemp	TareAnalysisAvgTemp
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.6
20.7	21.76	0.2	21.62
20.7	21.76	0.2	21.62

[illegible]

TareAnalysisAvgRH	DateShippedTare	Shipper	DateReceivedExposed	COCUsed	MaxXportTemp
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.42	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.43	3/5/2012	FedEx Economy	4/13/2012	TRUE	18
35.43	3/5/2012	FedEx Economy	4/13/2012	TRUE	18

ExposedComments	ExposedEquilDateTime	ExposedDate	ExposedCondAvg24HrTemp
TC1PM10031512002	4/16/2012	4/17/2012	21.2
TC2PM25031512003	4/16/2012	4/17/2012	21.2
TC1PM25031512001	4/16/2012	4/17/2012	21.2
TC2PM25031812006	4/16/2012	4/17/2012	21.2
TC1PM10031812005	4/16/2012	4/17/2012	21.2
TC1PM25031812004	4/16/2012	4/17/2012	21.2
TC2PM25032112009	4/16/2012	4/17/2012	21.2
TC2PM25032412012	4/16/2012	4/17/2012	21.2
TC1PM10032712014	4/16/2012	4/17/2012	21.2
TC2PM25032712015 Particles	4/16/2012	4/17/2012	21.2
TC1PM25032712013	4/16/2012	4/17/2012	21.2
TC1PM25032412010	4/16/2012	4/17/2012	21.2
TC1PM10032412011	4/16/2012	4/17/2012	21.2
TC1PM25032112007	4/16/2012	4/17/2012	21.2
TC1PM10032112008	4/16/2012	4/17/2012	21.2
TC1PM10033012017	4/16/2012	4/17/2012	21.2
TC2PM25033012018	4/16/2012	4/17/2012	21.2
TC1PM25033012016	4/16/2012	4/17/2012	21.2
TCB041212019 Field Blank	4/16/2012	4/17/2012	21.2

[illegible]

[illegible]

ExposedCondMax24HrRH	ExposedCondStdv24HrRH	ExposedAnalysisAvgRH	TareMass	ExposedMass
36.86	0.4	35.31	139.696	139.802
36.86	0.4	35.31	140.813	140.878
36.86	0.4	35.31	141.172	141.244
36.86	0.4	35.31	140.722	140.796
36.86	0.4	35.31	140.434	140.527
36.86	0.4	35.31	140.104	140.16
36.86	0.4	35.31	140.393	140.435
36.86	0.4	35.31	140.394	140.478
36.86	0.4	35.31	139.919	140.049
36.86	0.4	35.31	140.322	141.173
36.86	0.4	35.31	140.523	140.599
36.86	0.4	35.31	139.54	139.63
36.86	0.4	35.31	138.869	138.988
36.86	0.4	35.31	141.321	141.362
36.86	0.4	35.31	138.256	138.355
36.86	0.4	35.31	139.852	139.993
36.86	0.4	35.31	139.021	139.109
36.86	0.4	35.31	141.115	141.211
36.86	0.4	35.31	141.638	141.642

NetMass

0.106

0.065

0.072

0.074

0.093

0.056

0.042

0.084

0.13

0.851

0.076

0.09

0.119

0.041

0.099

0.141

0.088

0.096

0.004

Micro-Gravimetric Lab Blank Analysis Results

URS Corporation

April 1, 2012 - April 18, 2012

Blank ID	Exposure Analysis Date	Mass (mg)		
		Initial	Final	Net
3005070	04/17/12	142.965	142.968	0.003
3005071	04/17/12	142.236	142.237	0.001
3005072	04/17/12	143.788	143.789	0.001

Micro-Gravimetric Void and Expired Samples

URS Corporation

April 1, 2012 - April 18, 2012

Location Sample was Received From	Laboratory Reception Date	Sample ID	Sample Status
Travis County	04/13/12	W0383679	Expired
Travis County	04/13/12	W0383698	Expired
Travis County	04/13/12	W0383699	Expired
Travis County	04/13/12	W0383700	Expired
Travis County	04/13/12	W0383701	Expired
Travis County	04/13/12	W0383703	Expired

Micro-Gravimetric Replicate Analysis Results

URS Corporation

April 1, 2012 - April 18, 2012

Sample ID	Analysis Type	Analysis Date	Mass (mg)		
			Original	Replicate	Net
W0383695	Gross	04/17/12	139.993	139.995	0.002

PM_{2.5} Gravimetric Analysis Results**Travis County**

Sample ID	Tare Analysis Date	Exposed Analysis Date	Maximum Exposed Transportation Temperature (°C)	Mass (mg)			Exposed Comments
				Tare	Gross	Net	
P0413189	04/23/12	05/30/12	20.0	141.106	141.267	0.161	TC2PM10050312004
P0413190	04/23/12	05/30/12	20.0	139.408	139.417	0.009	TC1PM25050312001
P0413191	04/23/12	05/30/12	20.0	140.637	140.756	0.119	TC1PM10050312002
P0413193	04/23/12	05/30/12	20.0	142.665	142.735	0.070	TC2PM25050312003
P0413194	04/23/12	05/30/12	20.0	142.709	142.815	0.106	TC1PM10050612006
P0413195	04/23/12	05/30/12	20.0	140.689	140.696	0.007	TC1PM25050612005
P0413196	04/23/12	05/30/12	20.0	141.972	142.136	0.164	TC2PM10050612008
P0413197	04/23/12	05/30/12	20.0	142.429	142.600	0.171	TC2PM25050612007
P0413198	04/23/12	05/30/12	20.0	143.087	143.207	0.120	TC2PM10051212014
P0413199	04/23/12	05/30/12	20.0	143.105	143.110	0.005	TCPMB052412021 Trip Blank
P0413202	04/23/12	05/30/12	20.0	142.622	142.703	0.081	TC1PM10051212013
P0413203	04/23/12	05/30/12	20.0	141.044	141.186	0.142	TC1PM10050912010
P0413204	04/23/12	05/30/12	20.0	142.423	142.513	0.090	TC1PM25050912009
P0413205	04/23/12	05/30/12	20.0	141.931	142.168	0.237	TC2PM10050912011
P0413206	04/23/12	05/30/12	20.0	140.838	140.904	0.066	TC1PM25051212012
P0413207	04/23/12	05/30/12	20.0	142.309	142.328	0.019	TC1PM25051812018
P0413208	04/23/12	05/30/12	20.0	142.533	142.693	0.160	TC2PM10051812020
P0413209	04/23/12	05/30/12	20.0	144.016	144.146	0.130	TC1PM10051812019
P0413213	04/23/12	05/30/12	20.0	142.789	142.850	0.061	TC1PM25051512015
P0413214	04/23/12	05/30/12	20.0	142.517	142.641	0.124	TC1PM10051512016
P0413215	04/23/12	05/30/12	20.0	142.016	142.217	0.201	TC2PM10051512017

SampleID	LocationShippedTo	TareEquilDateTime	TareDate	TareCondAvg24HrTemp
P0413189	Travis County	4/20/2012	4/23/2012	21.3
P0413190	Travis County	4/20/2012	4/23/2012	21.3
P0413191	Travis County	4/20/2012	4/23/2012	21.3
P0413193	Travis County	4/20/2012	4/23/2012	21.3
P0413194	Travis County	4/20/2012	4/23/2012	21.3
P0413195	Travis County	4/20/2012	4/23/2012	21.3
P0413196	Travis County	4/20/2012	4/23/2012	21.3
P0413197	Travis County	4/20/2012	4/23/2012	21.3
P0413198	Travis County	4/20/2012	4/23/2012	21.3
P0413199	Travis County	4/20/2012	4/23/2012	21.3
P0413202	Travis County	4/20/2012	4/23/2012	21.3
P0413203	Travis County	4/20/2012	4/23/2012	21.3
P0413204	Travis County	4/20/2012	4/23/2012	21.3
P0413205	Travis County	4/20/2012	4/23/2012	21.3
P0413206	Travis County	4/20/2012	4/23/2012	21.3
P0413207	Travis County	4/20/2012	4/23/2012	21.3
P0413208	Travis County	4/20/2012	4/23/2012	21.3
P0413209	Travis County	4/20/2012	4/23/2012	21.3
P0413213	Travis County	4/20/2012	4/23/2012	21.3
P0413214	Travis County	4/20/2012	4/23/2012	21.3
P0413215	Travis County	4/20/2012	4/23/2012	21.3

[illegible]

[illegible]

[illegible]

ExposedComments	ExposedEquilDateTime	ExposedDate	ExposedCondAvg24HrTemp
TC2PM10050312004	5/29/2012	5/30/2012	21.3
TC1PM25050312001	5/29/2012	5/30/2012	21.3
TC1PM10050312002	5/29/2012	5/30/2012	21.3
TC2PM25050312003	5/29/2012	5/30/2012	21.3
TC1PM10050612006	5/29/2012	5/30/2012	21.3
TC1PM25050612005	5/29/2012	5/30/2012	21.3
TC2PM10050612008	5/29/2012	5/30/2012	21.3
TC2PM25050612007	5/29/2012	5/30/2012	21.3
TC2PM10051212014	5/29/2012	5/30/2012	21.3
TCPMB052412021 Trip Blank	5/29/2012	5/30/2012	21.3
TC1PM10051212013	5/29/2012	5/30/2012	21.3
TC1PM10050912010	5/29/2012	5/30/2012	21.3
TC1PM25050912009	5/29/2012	5/30/2012	21.3
TC2PM10050912011	5/29/2012	5/30/2012	21.3
TC1PM25051212012	5/29/2012	5/30/2012	21.3
TC1PM25051812018	5/29/2012	5/30/2012	21.3
TC2PM10051812020	5/29/2012	5/30/2012	21.3
TC1PM10051812019	5/29/2012	5/30/2012	21.3
TC1PM25051512015	5/29/2012	5/30/2012	21.3
TC1PM10051512016	5/29/2012	5/30/2012	21.3
TC2PM10051512017	5/29/2012	5/30/2012	21.3

[illegible]

[illegible]

ExposedCondMax24HrRH	ExposedCondStdv24HrRH	ExposedAnalysisAvgRH	TareMass	ExposedMass
37.71	0.2	35.7	141.106	141.267
37.71	0.2	35.7	139.408	139.417
37.71	0.2	35.7	140.637	140.756
37.71	0.2	35.7	142.665	142.735
37.71	0.2	35.7	142.709	142.815
37.71	0.2	35.7	140.689	140.696
37.71	0.2	35.7	141.972	142.136
37.71	0.2	35.7	142.429	142.6
37.71	0.2	35.7	143.087	143.207
37.71	0.2	35.7	143.105	143.11
37.71	0.2	35.7	142.622	142.703
37.71	0.2	35.7	141.044	141.186
37.71	0.2	35.7	142.423	142.513
37.71	0.2	35.7	141.931	142.168
37.71	0.2	35.7	140.838	140.904
37.71	0.2	35.7	142.309	142.328
37.71	0.2	35.7	142.533	142.693
37.71	0.2	35.7	144.016	144.146
37.71	0.2	35.7	142.789	142.85
37.71	0.2	35.7	142.517	142.641
37.71	0.2	35.7	142.016	142.217

NetMass

0.161

0.009

0.119

0.07

0.106

0.007

0.164

0.171

0.12

0.005

0.081

0.142

0.09

0.237

0.066

0.019

0.16

0.13

0.061

0.124

0.201

Micro-Gravimetric Lab Blank Analysis Results

URS Corporation

May 1, 2012 - May 31, 2012

Blank ID	Exposure Analysis Date	Mass (mg)		
		Initial	Final	Net
3005303	05/30/12	143.344	143.344	0.000
3005304	05/30/12	141.763	141.763	0.000

Micro-Gravimetric Void and Expired Samples

URS Corporation

May 1, 2012 - May 31, 2012

Location Sample was Received From	Laboratory Reception Date	Sample ID	Sample Status
No Void or Expired Samples			

Micro-Gravimetric Replicate Analysis Results

URS Corporation

May 1, 2012 - May 31, 2012

Sample ID	Analysis Type	Analysis Date	Mass (mg)		
			Original	Replicate	Net
P0413205	Gross	05/30/12	142.168	142.165	-0.003

APPENDIX C

Noise Data

URS Acoustics and Noise Control Practice
FIELD NOISE MEASUREMENT DATA FORM

Project Name:						Travis County - CRCP				Page 1 of 7				
Project #:						Day / Date: Tue. 3/20/12				My Name: Arthur D. Potts				
Monitoring Location/Label:						M1								
Sound Level Meter					Calibrator					Weather Meter				
Model/Type #		Quest SoundPro DL-1			Model #		CR:514			Model #		Serial #		
Serial #		BJK090011			Serial #		57083			Precipitation?		Yes (explain) / No		
Weighting:		A / C / Flat			Pre-Test:		94.0 dBA SPL			Terrain:		Hard/Soft/Mixed/Snow-ice		
Response:		Slow / Fast / Impl			Post-Test:		94.1 dBA SPL			Topo:		Flat / Hilly		
Windscreen:		Yes / No								Wind:		Steady / Gusty / Calm		
ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)	
M1320	219	619	46.8	39.6	61.4	48.5	43.4	41.4	7/W	80			85	
Roadway Name/Dir			Dunlap Road		Chaparral Cross Blvd		Site Diagram / GPS Reading(s):							
Speed (post/obs)*			30 obs		30 obs									
Number of Lanes			2		2									
Width (pave/row)														
1- or 2- way			2-way		2-way									
Grade														
Bus Stops														
Stoplights														
Motorcycles			0		0									
Automobiles			30		10									
Medium Trucks			1		0									
Heavy Trucks			0		0									
Buses			0		0									
Count duration			15 min		15 min									
Other Noise Sources: distant: aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/Insects														
Additional Notes and Sketches on Reverse														

URS Acoustics and Noise Control Practice
FIELD NOISE MEASUREMENT DATA FORM

Project Name:						Travis County - CRCP							Page 1 of 7				
Project #:						Day / Date: Thur 3/22/12							My Name: Arthur D. Potts				
Monitoring Location/Label: M1																	
Sound Level Meter									Calibrator					Weather Meter			
Model/Type # Quest SoundPro DL-1					Model # CR:514					Model # Serial #							
Serial # BJK090011					Serial # 57083					Precipitation? Yes (explain) / No							
Weighting: A / C / Flat					Pre-Test: 94.0 dBA SPL					Terrain: Hard/Soft/Mixed/Snow-ice							
Response: Slow / Fast / Impl					Post-Test: 94.0 dBA SPL					Topo: Flat / Hilly							
Windscreen: Yes / No										Wind: Steady / Gusty / Calm							
ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)				
M1322	1333	1348	45.5	39.2	58.8	47.6	43.5	41.1	9/S	72			0				
Roadway Name/Dir			Dunlap Road		Chaparral Cross Blvd		Site Diagram / GPS Reading(s):										
Speed (post/obs)*			30 obs		30 obs												
Number of Lanes			2		2												
Width (pave/row)																	
1- or 2- way			2-way		2-way												
Grade																	
Bus Stops																	
Stoplights																	
Motorcycles			0		0												
Automobiles			2		1												
Medium Trucks			0		0												
Heavy Trucks			0		0												
Buses			0		0												
Count duration			15 min		15 min												
* - Speed estimated by Radar / Driving / Observation																	
Comments:																	
Other Noise Sources: distant: aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/insects Additional Notes and Sketches on Reverse																	

URS Acoustics and Noise Control Practice

FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP Page 2 of 7
 Project #: _____ Day / Date: Thur 3/22/12 My Name: Arthur D. Potts
 Monitoring Location/Label: M2

<u>Sound Level Meter</u>		<u>Calibrator</u>		<u>Weather Meter</u>	
Model/Type #	<u>Quest SoundPro DL-1</u>	Model #	<u>CR:514</u>	Model #	<u>Serial #</u>
Serial #	<u>BJK090011</u>	Serial #	<u>57083</u>	Precipitation?	<u>Yes (explain) / No</u>
Weighting:	<u>A / C / Flat</u>	Pre-Test:	<u>94.0</u> dBA SPL	Terrain:	<u>Hard/Soft/Mixed/Snow-ice</u>
Response:	<u>Slow</u> / Fast / Impl	Post-Test:	<u>94.0</u> dBA SPL	Topo:	<u>Flat</u> / Hilly
Windscreen:	<u>Yes</u> / No			Wind:	<u>Steady</u> / Gusty / Calm

ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M2322	1245	1300	49.4	43.6	59.0	51.8	47.8	45.7	13/S	72			0

Roadway Name/Dir	Crownover Street			<u>Site Diagram / GPS Reading(s):</u>
Speed (post/obs)*	30			
Number of Lanes	2			
Width (pave/row)				
1- or 2- way	2-way			
Grade				
Bus Stops				
Stoplights				
Motorcycles	0			
Automobiles	0			
Medium Trucks	0			
Heavy Trucks	0			
Buses	0			
Count duration	15 min			

* - Speed estimated by Radar / Driving / **Observation**

Comments:

Other Noise Sources: distant: aircraft/**roadway traffic**/trains/landscaping/rustling leaves/children playing/**dogs barking**/birds vocalizing/Insects
 Additional Notes and Sketches on Reverse

URS Acoustics and Noise Control Practice

FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP Page 3 of 7
 Project #: _____ Day / Date: Thur 3/22/12 My Name: Arthur D. Potts
 Monitoring Location/Label: M3

<u>Sound Level Meter</u>		<u>Calibrator</u>		<u>Weather Meter</u>	
Model/Type #	<u>Quest SoundPro DL-1</u>	Model #	<u>CR:514</u>	Model #	<u>Serial #</u>
Serial #	<u>BJK090011</u>	Serial #	<u>57083</u>	Precipitation?	<u>Yes (explain) / No</u>
Weighting:	<u>A / C / Flat</u>	Pre-Test:	<u>93.9 dBA SPL</u>	Terrain:	<u>Hard/Soft/Mixed/Snow-ice</u>
Response:	<u>Slow / Fast / Impl</u>	Post-Test:	<u>93.8 dBA SPL</u>	Topo:	<u>Flat / Hilly</u>
Windscreen:	<u>Yes / No</u>			Wind:	<u>Steady / Gusty / Calm</u>

ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/ Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M3322	1310	1325	51.3	44.0	63.1	54.5	48.6	45.4	14/S	72			0

Roadway Name/Dir	Yabers Court	Parrish Lane		<u>Site Diagram / GPS Reading(s):</u>
Speed (post/obs)*	30	30		
Number of Lanes	2	2		
Width (pave/row)				
1- or 2- way	2-way	2-way		
Grade				
Bus Stops				
Stoplights				
Motorcycles	0	0		
Automobiles	0	0		
Medium Trucks	0	0		
Heavy Trucks	0	0		
Buses	0	0		
Count duration	15 min	15 min		

* - Speed estimated by Radar / Driving / **Observation**

Comments:

Other Noise Sources: distant: **aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/Insects**
 Additional Notes and Sketches on Reverse

URS Acoustics and Noise Control Practice
FIELD NOISE MEASUREMENT DATA FORM

Project Name:						Travis County - CRCP							Page 4 of 7		
Project #:						Day / Date: Thur 3/22/12							My Name: Arthur D. Potts		
Monitoring Location/Label: M4															
Sound Level Meter								Calibrator				Weather Meter			
Model/Type #		Quest SoundPro DL-1						Model #		CR:514		Model #		Serial #	
Serial #		BJK090011						Serial #		57083		Precipitation?		Yes (explain) / No	
Weighting:		A / C / Flat						Pre-Test:		94.0 dBA SPL		Terrain:		Hard/Soft/Mixed/Snow-ice	
Response:		Slow / Fast / Impl						Post-Test:		94.0 dBA SPL		Topo:		Flat / Hilly	
Windscreen:		Yes / No										Wind:		Steady / Gusty / Calm	
ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/ Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)		
M4322	1358	1413	50.4	42.5	63.1	53.5	48.1	44.0	14/S	72			0		
Roadway Name/Dir									Site Diagram / GPS Reading(s):						
Speed (post/obs)*															
Number of Lanes															
Width (pave/row)															
1- or 2- way															
Grade															
Bus Stops															
Stoplights															
Motorcycles															
Automobiles															
Medium Trucks															
Heavy Trucks															
Buses															
Count duration															

* - Speed estimated by Radar / Driving / Observation

Comments:

Other Noise Sources: distant: aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/insects

Additional Notes and Sketches on Reverse

URS Acoustics and Noise Control Practice

FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP Page 5 of 7
 Project #: _____ Day / Date: Thur 3/22/12 My Name: Arthur D. Potts
 Monitoring Location/Label: M5

<u>Sound Level Meter</u>		<u>Calibrator</u>		<u>Weather Meter</u>	
Model/Type #	<u>Quest SoundPro DL-1</u>	Model #	<u>CR:514</u>	Model #	<u>Serial #</u>
Serial #	<u>BJK090011</u>	Serial #	<u>57083</u>	Precipitation?	<u>Yes (explain) / No</u>
Weighting:	<u>A / C / Flat</u>	Pre-Test:	<u>94.0</u> dBA SPL	Terrain:	<u>Hard/Soft/Mixed/Snow-ice</u>
Response:	<u>Slow</u> / Fast / Impl	Post-Test:	<u>94.0</u> dBA SPL	Topo:	<u>Flat</u> / Hilly
Windscreen:	<u>Yes</u> / No			Wind:	<u>Steady</u> / Gusty / Calm

ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M5322	1540	1610	57.6	40.2	71.2	61.7	51.9	44.2	14/S	72			0

Roadway Name/Dir	FM 969	Decker Creek Road		<u>Site Diagram / GPS Reading(s):</u>
Speed (post/obs)*	55	30		
Number of Lanes	2	2		
Width (pave/row)				
1- or 2- way	2-way	2-way		
Grade				
Bus Stops				
Stoplights				
Motorcycles	1	0		
Automobiles	172	23		
Medium Trucks	5	1		
Heavy Trucks	4	0		
Buses	3	1		
Count duration	30 min	30 min		

* - Speed estimated by Radar / Driving / **Observation**

Comments:

Other Noise Sources: distant: **aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/Insects**
 Additional Notes and Sketches on Reverse

URS Acoustics and Noise Control Practice
FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP Page 6 of 7
 Project #: _____ Day / Date: Thur. 3/22/12 My Name: Arthur D. Potts
 Monitoring Location/Label: M6

<u>Sound Level Meter</u>		<u>Calibrator</u>		<u>Weather Meter</u>	
Model/Type #	<u>Quest SoundPro DL-1</u>	Model #	<u>CR:514</u>	Model #	<u>Serial #</u>
Serial #	<u>BJK090011</u>	Serial #	<u>57083</u>	Precipitation?	<u>Yes (explain) / No</u>
Weighting:	<u>A / C / Flat</u>	Pre-Test:	<u>94.0</u> dBA SPL	Terrain:	<u>Hard/Soft/Mixed/Snow-ice</u>
Response:	<u>Slow</u> / Fast / Impl	Post-Test:	<u>94.0</u> dBA SPL	Topo:	<u>Flat</u> / Hilly
Windscreen:	<u>Yes</u> / No			Wind:	<u>Steady</u> / Gusty / Calm

ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/ Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M5322	1504	1534	67.1	52.0	84.7	70.1	61.1	56.3	14/S	72			0

Roadway Name/Dir	FM 969	Taylor Lane		<u>Site Diagram / GPS Reading(s):</u>
Speed (post/obs)*	55	45		
Number of Lanes	2	2		
Width (pave/row)				
1- or 2- way	2-way	2-way		
Grade				
Bus Stops				
Stoplights				
Motorcycles	1	0		
Automobiles	96	42		
Medium Trucks	5	2		
Heavy Trucks	6	0		
Buses	4	1		
Count duration	30 min	30 min		

* - Speed estimated by Radar / Driving / **Observation**

Comments:

Other Noise Sources: distant: **aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/Insects**
 Additional Notes and Sketches on Reverse

URS Acoustics and Noise Control Practice

FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP Page 7 of 7
 Project #: _____ Day / Date: Thur. 3/22/12 My Name: Arthur D. Potts
 Monitoring Location/Label: M7

<u>Sound Level Meter</u>		<u>Calibrator</u>		<u>Weather Meter</u>	
Model/Type #	<u>Quest SoundPro DL-1</u>	Model #	<u>CR:514</u>	Model #	<u>Serial #</u>
Serial #	<u>BJK090011</u>	Serial #	<u>57083</u>	Precipitation?	<u>Yes (explain) / No</u>
Weighting:	<u>A / C / Flat</u>	Pre-Test:	<u>94.0</u> dBA SPL	Terrain:	<u>Hard/Soft/Mixed/Snow-ice</u>
Response:	<u>Slow</u> / Fast / Impl	Post-Test:	<u>94.0</u> dBA SPL	Topo:	<u>Flat</u> / Hilly
Windscreen:	<u>Yes</u> / No			Wind:	<u>Steady</u> / <u>Gusty</u> / Calm

ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/ Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M7322	1620	1650	44.7	39.6	51.1	47.4	43.5	41.4	14/S	72			0

Roadway Name/Dir				<u>Site Diagram / GPS Reading(s):</u>
Speed (post/obs)*				
Number of Lanes				
Width (pave/row)				
1- or 2- way				
Grade				
Bus Stops				
Stoplights				
Motorcycles				
Automobiles				
Medium Trucks				
Heavy Trucks				
Buses				
Count duration				

* - Speed estimated by Radar / Driving / Observation

Comments:

Other Noise Sources: distant: aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/Insects
 Additional Notes and Sketches on Reverse

URS Acoustics and Noise Control Practice

FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP Page 1 of 7
 Project #: _____ Day / Date: Fri. 3/23/12 My Name: Arthur D. Potts
 Monitoring Location/Label: M1

<u>Sound Level Meter</u>		<u>Calibrator</u>		<u>Weather Meter</u>	
Model/Type #	<u>Quest SoundPro DL-1</u>	Model #	<u>CR:514</u>	Model #	<u>Serial #</u>
Serial #	<u>BJK090011</u>	Serial #	<u>57083</u>	Precipitation?	<u>Yes (explain) / No</u>
Weighting:	<u>A / C / Flat</u>	Pre-Test:	<u>94.0</u> dBA SPL	Terrain:	<u>Hard/Soft/Mixed/Snow-ice</u>
Response:	<u>Slow</u> / Fast / Impl	Post-Test:	<u>94.0</u> dBA SPL	Topo:	<u>Flat</u> / Hilly
Windscreen:	<u>Yes</u> / No			Wind:	<u>Steady</u> / Gusty / <u>Calm</u>

ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/ Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M1323	1634	1649	42.7	38.0	59.5	44.7	40.5	39.1	3/W	75			0

Roadway Name/Dir	Dunlap Road	Chaparral Cross Blvd		<u>Site Diagram / GPS Reading(s):</u>
Speed (post/obs)*	30 obs	30 obs		
Number of Lanes	2	2		
Width (pave/row)				
1- or 2- way	2-way	2-way		
Grade				
Bus Stops				
Stoplights				
Motorcycles	0	0		
Automobiles	1	0		
Medium Trucks	0	0		
Heavy Trucks	0	0		
Buses	0	0		
Count duration	15 min	15 min		

* - Speed estimated by Radar / Driving / **Observation**

Comments: Heavy equipment operating on TXI property

Other Noise Sources: distant: **aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/Insects**
 Additional Notes and Sketches on Reverse

URS Acoustics and Noise Control Practice
FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP						Page 2 of 7							
Project #:						Day / Date: Fri . 3/23/12				My Name: Arthur D. Potts			
Monitoring Location/Label: M2													
Sound Level Meter						Calibrator				Weather Meter			
Model/Type #		Quest SoundPro DL-1				Model #		CR:514		Model #		Serial #	
Serial #		BJK090011				Serial #		57083		Precipitation?		Yes (explain) / No	
Weighting:		A / C / Flat				Pre-Test:		94.0 dBA SPL		Terrain:		Hard/Soft/Mixed/Snow-ice	
Response:		Slow / Fast / Impl				Post-Test:		94.0 dBA SPL		Topo:		Flat / Hilly	
Windscreen:		Yes / No								Wind:		Steady / Gusty / Calm	
ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/ Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M2323	1538	1553	49.7	38.8	66.7	49.5	42.8	40.1	3/W	74			0
Roadway Name/Dir			Crownover Street				Site Diagram / GPS Reading(s):						
Speed (post/obs)*			30										
Number of Lanes			2										
Width (pave/row)													
1- or 2- way			2-way										
Grade													
Bus Stops													
Stoplights													
Motorcycles			0										
Automobiles			0										
Medium Trucks			0										
Heavy Trucks			0										
Buses			0										
Count duration			15 min										
* - Speed estimated by Radar / Driving / Observation													
Comments:													
Other Noise Sources: distant: aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/Insects													
Additional Notes and Sketches on Reverse													

URS Acoustics and Noise Control Practice

FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP Page 3 of 7
 Project #: _____ Day / Date: Fri. 3/23/12 My Name: Arthur D. Potts
 Monitoring Location/Label: M3

<u>Sound Level Meter</u>		<u>Calibrator</u>		<u>Weather Meter</u>	
Model/Type #	<u>Quest SoundPro DL-1</u>	Model #	<u>CR:514</u>	Model #	<u>Serial #</u>
Serial #	<u>BJK090011</u>	Serial #	<u>57083</u>	Precipitation?	<u>Yes (explain) / No</u>
Weighting:	<u>A / C / Flat</u>	Pre-Test:	<u>94.0</u> dBA SPL	Terrain:	<u>Hard/Soft/Mixed/Snow-ice</u>
Response:	<u>Slow</u> / Fast / Impl	Post-Test:	<u>94.0</u> dBA SPL	Topo:	<u>Flat</u> / Hilly
Windscreen:	<u>Yes</u> / No			Wind:	<u>Steady</u> / Gusty / <u>Calm</u>

ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/ Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M3323	1657	1712	44.4	41.7	56.5	45.7	43.7	42.6	3/W	75			0

Roadway Name/Dir	Yabers Court	Parrish Lane		<u>Site Diagram / GPS Reading(s):</u>
Speed (post/obs)*	30	30		
Number of Lanes	2	2		
Width (pave/row)				
1- or 2- way	2-way	2-way		
Grade				
Bus Stops				
Stoplights				
Motorcycles	0	0		
Automobiles	0	0		
Medium Trucks	0	0		
Heavy Trucks	0	0		
Buses	0	0		
Count duration	15 min	15 min		

* - Speed estimated by Radar / Driving / **Observation**

Comments:

Other Noise Sources: distant: **aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/Insects**
 Additional Notes and Sketches on Reverse

URS Acoustics and Noise Control Practice

FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP Page 4 of 7
 Project #: _____ Day / Date: Fri. 3/23/12 My Name: Arthur D. Potts
 Monitoring Location/Label: M4

<u>Sound Level Meter</u>		<u>Calibrator</u>		<u>Weather Meter</u>	
Model/Type #	<u>Quest SoundPro DL-1</u>	Model #	<u>CR:514</u>	Model #	<u>Serial #</u>
Serial #	<u>BJK090011</u>	Serial #	<u>57083</u>	Precipitation?	<u>Yes (explain) / No</u>
Weighting:	<u>A / C / Flat</u>	Pre-Test:	<u>94.0</u> dBA SPL	Terrain:	<u>Hard/Soft/Mixed/Snow-ice</u>
Response:	<u>Slow</u> / Fast / Impl	Post-Test:	<u>94.1</u> dBA SPL	Topo:	<u>Flat</u> / Hilly
Windscreen:	<u>Yes</u> / No			Wind:	<u>Steady</u> / Gusty / <u>Calm</u>

ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/ Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M4323	1609	1624	44.3	38.4	56.5	46.5	42.4	40.1	3/W	75			0

Roadway Name/Dir				<u>Site Diagram / GPS Reading(s):</u>
Speed (post/obs)*				
Number of Lanes				
Width (pave/row)				
1- or 2- way				
Grade				
Bus Stops				
Stoplights				
Motorcycles				
Automobiles				
Medium Trucks				
Heavy Trucks				
Buses				
Count duration				

* - Speed estimated by Radar / Driving / **Observation**

Comments:

Other Noise Sources: distant: **aircraft**/roadway traffic/trains/landscaping/**rustling leaves**/children playing/dogs barking/**birds vocalizing**/Insects
 Additional Notes and Sketches on Reverse

URS Acoustics and Noise Control Practice

FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP Page 5 of 7
 Project #: _____ Day / Date: Fri. 3/23/12 My Name: Arthur D. Potts
 Monitoring Location/Label: M5

<u>Sound Level Meter</u>		<u>Calibrator</u>		<u>Weather Meter</u>	
Model/Type #	<u>Quest SoundPro DL-1</u>	Model #	<u>CR:514</u>	Model #	<u>Serial #</u>
Serial #	<u>BJK090011</u>	Serial #	<u>57083</u>	Precipitation?	<u>Yes (explain) / No</u>
Weighting:	<u>A / C / Flat</u>	Pre-Test:	<u>94.0</u> dBA SPL	Terrain:	<u>Hard/Soft/Mixed/Snow-ice</u>
Response:	<u>Slow</u> / Fast / Impl	Post-Test:	<u>94.1</u> dBA SPL	Topo:	<u>Flat</u> / Hilly
Windscreen:	<u>Yes</u> / No			Wind:	<u>Steady</u> / Gusty / <u>Calm</u>

ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/ Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M5323	1407	1437	58.9	35.6	71.4	62.7	51.8	42.1	2/W	73			0

Roadway Name/Dir	FM 969	Decker Creek Road		<u>Site Diagram / GPS Reading(s):</u>
Speed (post/obs)*	55	30		
Number of Lanes	2	2		
Width (pave/row)				
1- or 2- way	2-way	2-way		
Grade				
Bus Stops				
Stoplights				
Motorcycles	2	0		
Automobiles	145	18		
Medium Trucks	10	2		
Heavy Trucks	21	1		
Buses	1	0		
Count duration	30 min	30 min		

* - Speed estimated by Radar / Driving / **Observation**

Comments:

Other Noise Sources: distant: **aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/Insects**
 Additional Notes and Sketches on Reverse

URS Acoustics and Noise Control Practice

FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP Page 6 of 7
 Project #: _____ Day / Date: Fri. 3/23/12 My Name: Arthur D. Potts
 Monitoring Location/Label: M6

<u>Sound Level Meter</u>		<u>Calibrator</u>		<u>Weather Meter</u>	
Model/Type #	<u>Quest SoundPro DL-1</u>	Model #	<u>CR:514</u>	Model #	<u>Serial #</u>
Serial #	<u>BJK090011</u>	Serial #	<u>57083</u>	Precipitation?	<u>Yes (explain) / No</u>
Weighting:	<u>A / C / Flat</u>	Pre-Test:	<u>94.0</u> dBA SPL	Terrain:	<u>Hard/Soft/Mixed/Snow-ice</u>
Response:	<u>Slow</u> / Fast / Impl	Post-Test:	<u>94.1</u> dBA SPL	Topo:	<u>Flat</u> / Hilly
Windscreen:	<u>Yes</u> / No			Wind:	<u>Steady</u> / Gusty / <u>Calm</u>

ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/ Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M6323	1453	1523	64.1	46.5	79.4	67.5	56.6	48.4	3/W	74			0

Roadway Name/Dir	FM 969	Taylor Lane		<u>Site Diagram / GPS Reading(s):</u>
Speed (post/obs)*	55	45		
Number of Lanes	2	2		
Width (pave/row)				
1- or 2- way	2-way	2-way		
Grade				
Bus Stops				
Stoplights				
Motorcycles	0	0		
Automobiles	131	11		
Medium Trucks	6	1		
Heavy Trucks	17	1		
Buses	3	2		
Count duration	30 min	30 min		

* - Speed estimated by Radar / Driving / **Observation**

Comments:

Other Noise Sources: distant: **aircraft/roadway traffic/trains/landscaping/rustling leaves/children playing/dogs barking/birds vocalizing/Insects**
 Additional Notes and Sketches on Reverse

URS Acoustics and Noise Control Practice

FIELD NOISE MEASUREMENT DATA FORM

Project Name: Travis County - CRCP Page 7 of 7
 Project #: _____ Day / Date: Fri. 3/23/12 My Name: Arthur D. Potts
 Monitoring Location/Label: M7

<u>Sound Level Meter</u>		<u>Calibrator</u>		<u>Weather Meter</u>	
Model/Type #	<u>Quest SoundPro DL-1</u>	Model #	<u>CR:514</u>	Model #	<u>Serial #</u>
Serial #	<u>BJK090011</u>	Serial #	<u>57083</u>	Precipitation?	<u>Yes (explain) / No</u>
Weighting:	<u>A / C / Flat</u>	Pre-Test:	<u>94.0</u> dBA SPL	Terrain:	<u>Hard/Soft/Mixed/Snow-ice</u>
Response:	<u>Slow</u> / Fast / Impl	Post-Test:	<u>94.0</u> dBA SPL	Topo:	<u>Flat</u> / Hilly
Windscreen:	<u>Yes</u> / No			Wind:	<u>Steady</u> / Gusty / <u>Calm</u>

ID	Start Time	Stop Time	L _{eq}	L _{min}	L _{max}	L ₁₀	L ₅₀	L ₉₀	Average Wind Spd/ Dir (mph)	Temp (°F)	RH (%)	Bar Psr (in Hg)	Cloud Cover (%)
M7323	1341	1356	41.6	35.0	52.2	47.7	39.8	37.0	1/W	73			0

Roadway Name/Dir				<u>Site Diagram / GPS Reading(s):</u>
Speed (post/obs)*				
Number of Lanes				
Width (pave/row)				
1- or 2- way				
Grade				
Bus Stops				
Stoplights				
Motorcycles				
Automobiles				
Medium Trucks				
Heavy Trucks				
Buses				
Count duration				

* - Speed estimated by Radar / Driving / Observation

Comments: Horses and donkeys; car engine started

Other Noise Sources: distant: **aircraft**/roadway traffic/trains/landscaping/rustling leaves/children playing/**dogs barking/birds vocalizing**/Insects
 Additional Notes and Sketches on Reverse

APPENDIX D

Historical Precipitation Data

MONTHLY/ANNUAL/AVERAGE PRECIPITATION
AUSTIN BERGSTROM AIRPORT TX (1942 - 2012)

<u>YEAR</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUN</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>TOTAL</u>	<u>YEAR</u>
1942										1.35	0.68	0.26		1942
1943	0.43	0.28	1.86	0.34	3.33	0.96	2.11	0.66	4.93	0.70	1.71	1.33	18.64	1943
1944	4.42	1.76	2.77	0.21	6.61	2.13	0.58	3.47	4.45	0.45	5.32	3.78	35.95	1944
1945	2.41	2.67	2.82	3.64	1.10	5.49	1.99	2.26	1.31	3.04	0.93	2.09	29.75	1945
1946	3.41	0.62								0.68	2.05	0.53		1946
1947	1.27	0.28	2.35						1.60	0.01				1947
1948	0.15	1.57	0.98	1.20	5.00	1.00	0.61	0.28	0.58	1.24	0.99	0.32	13.92	1948
1949	4.29	1.71	1.49	5.31	0.28	3.39	2.41	1.58	3.28	3.76	0.02	3.11	30.63	1949
1950	0.40	3.43	0.76	6.28	4.25	2.49	0.76	0.43	5.99	0.44	0.08	0.01	25.32	1950
1951	0.65	2.83	5.46	0.62	4.02	5.19	0.02	1.38	4.65	0.42	0.58	0.55	26.37	1951
1952	0.82	2.09	2.88	4.09	4.75	1.06	1.51	0.16	4.34	0.00	6.61	3.10	31.41	1952
1953	2.18	2.28	2.57	3.17	1.61	2.17	0.55	3.95	2.73	5.81	0.57	5.83	33.42	1953
1954	0.59	0.15	0.25	2.00	1.85	0.38	0.36	0.63	1.65	1.58	0.20	0.34	9.98	1954
1955	1.82	4.15	0.46	0.59	3.79	1.83	0.86	0.90	1.83	0.33	1.49	0.86	18.91	1955
1956	1.85	2.44	0.53	0.77	4.53	0.16	0.14	1.09	0.11	0.64	1.05	2.34	15.65	1956
1957	0.51	2.72	4.28	12.18	5.92	4.81	0.80	TRACE	8.82	9.00	5.11	1.59	55.74	1957
1958	3.72	7.34	1.87	2.07	4.15	1.06	1.66	0.38	8.80	5.08	1.19	0.79	38.11	1958
1959	0.24	2.98	0.11	4.86	2.10	6.52	2.58	5.56	3.33	6.94	1.35	2.11	38.68	1959
1960	1.01	2.40	1.25	1.65	0.98	6.28	2.36	2.88	0.95	13.08	1.96	3.74	38.54	1960
1961	1.80	3.41	0.65	0.24	1.76	9.60	5.82	0.45	4.40	1.18	2.25	0.97	32.53	1961
1962	0.69	0.73	0.73	2.34	1.12	4.13	0.16	2.71	6.31	4.46	1.83	3.52	28.73	1962
1963	0.69	2.59	0.62	2.26	0.32	2.24	0.21	1.30	1.66	0.73	1.75	1.62	15.99	1963
1964	2.49	1.82	1.98	1.83	1.03	6.99	0.28	1.19	6.41	3.74	2.56	0.85	31.17	1964
1965	5.87	5.16	1.30	2.81	13.69	0.89	0.45	2.91	6.02	3.43	2.45	5.14	50.12	1965
1966	1.29	2.91	1.61	3.43	4.29	1.27	0.73	8.91	4.27	0.57	0.11	1.57	30.96	1966
1967	0.22	1.09	1.01	2.74	4.84	TRACE	0.52	1.56	6.50	5.26	3.60	3.25	30.59	1967
1968	7.62	1.51	2.03	2.57	6.76	4.60	1.18	0.34	3.54	0.37	6.01	1.14	37.67	1968
1969	0.71	3.85	3.80	7.88	4.76	3.55	0.19	7.94	1.64	3.30	2.94	4.38	44.94	1969
1970	2.05	4.20	3.68	2.46	6.12	0.15	1.18	0.25	3.96	2.84	TRACE	0.66	27.55	1970
1971	0.02	0.95	1.05	1.29	1.30	1.23	0.65	7.32	3.89	3.82	2.82	4.07	28.41	1971
1972	1.89	0.35	0.05	1.80	5.33	2.25	2.54	2.19	1.95	2.72	3.84	0.52	25.43	1972
1973	3.53	2.53	3.26	3.31	0.83	5.93	3.73	2.08	5.48	10.40	0.79	0.62	42.49	1973
1974	3.86	0.09	1.35	1.64	10.48	0.30	0.87	7.79	2.02	3.24	12.49	2.34	46.47	1974
1975	1.12	2.89	0.68	4.35	8.19	4.90	2.15	4.19	1.31	3.46	0.48	2.25	35.97	1975

1976	0.76	0.22	5.91	7.97	7.39	0.85	3.76	0.30	3.35	6.99	2.71	2.30	42.51	1976
1977	2.18	3.31	2.02	5.07	1.04	1.79	0.07	0.10	1.66	1.62	2.23	0.33	21.42	1977
1978	1.30	2.19	1.01	1.61	2.80	2.78	0.55	2.52	4.77	1.22	6.94	3.79	31.48	1978
1979	2.48	3.95	3.79	3.36	4.88	1.54	9.77	1.21	1.97	0.43	0.80	4.03	38.21	1979
1980	1.63	1.66	3.04	2.39	6.53	0.84	0.06	1.54	4.14	0.75	3.01	1.67	27.26	1980
1981	1.81	1.39	2.27	1.02	7.05	15.59	1.96	1.42	2.48	6.39	0.77	0.31	42.46	1981
1982	1.19	0.89	1.53	3.18	7.29	2.88	0.12	1.67	2.24	2.75	4.81	1.94	30.49	1982
1983	2.22	3.95	6.52	0.23	5.71	3.47	2.52	3.86	4.53	3.31	2.17	0.58	39.07	1983
1984	1.76	1.61	2.64	0.03	1.19	3.03	2.86	1.38	0.84	9.30	1.91	3.05	29.60	1984
1985	1.79	1.85	2.18	2.81	1.37	8.29	3.37	0.05	3.20	4.72	6.59	0.96	37.18	1985
1986	0.61	1.16	0.26	1.18	8.17	3.04	0.02	1.28	9.36	9.11	1.72	5.96	41.87	1986
1987	1.04	3.51	2.07	0.91	8.29	8.13	2.81	0.25	2.14	0.21	3.11	1.27	33.74	1987
1988	0.60	0.71	2.58	2.56	4.81	1.50	4.30	2.79	1.68	2.10	0.42	1.19	25.24	1988
1989	3.22	0.83	1.90	3.09	4.23	2.26	0.40	1.60	0.02	1.83	1.48	0.14	21.00	1989
1990	1.09	3.33	2.22	3.44	4.13	0.93	4.57	1.64	1.95	3.32	4.18	0.67	31.47	1990
1991	10.53	2.87	1.05	6.87	3.72	4.67	1.92	6.17	1.84	1.79	0.93	12.88	55.24	1991
1992	4.83	6.82	4.97	2.18	7.69	4.35	0.94	3.50	3.40	1.14	3.41	3.88	47.11	1992
1993	3.92	2.44	2.52	2.82	4.98	3.37	TRACE	TRACE	0.49	4.32	1.13	1.19	27.18	1993
1994	1.09	2.14	1.25	1.57	6.51	1.95	0.02	5.52	5.73	7.79	1.82	8.11	43.50	1994
1995	1.06	1.48	3.08	4.35	7.91	3.00	0.30	4.96	4.56	2.95	2.84	0.34	36.83	1995
1996	0.24	0.75	1.12											1996
1997										2.18	2.92	4.14		1997
1998	2.86	3.52	2.33	1.49	0.61	0.97	0.55	3.33	4.43	12.73	4.31	1.31	38.44	1998
1999	1.70	0.02	4.96	1.23	6.18	2.32	5.34	1.03	0.47	1.57	0.08	0.69	25.59	1999
2000	3.69	1.28	0.92	1.82	4.78	3.66	0.57	0.63	0.77	3.46	7.01	2.97	31.56	2000
2001	2.75	1.00	3.35	0.39	4.41	3.21	0.33	5.05	5.82	2.39	10.51	3.91	43.12	2001
2002	1.54	0.91	1.53	0.86	0.90	4.36	5.32	0.96	2.55	9.11	4.26	4.93	37.23	2002
2003	1.69	4.92	0.94	0.06	0.51	4.06	2.98	1.93	4.06	0.89	0.68	0.66	23.38	2003
2004	2.55	5.38	1.96	2.89	2.44	14.18	3.20	1.25	1.17	6.76	9.91	0.20	51.89	2004
2005	2.44	3.22	3.46	0.91	3.10	0.55	1.78	1.57	0.52	2.71	0.99	0.20	21.45	2005</