

User ID: RPW

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 1003623

Report Code: AMP230

Jul. 5, 2012

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region	Method	Duration	Begin Date	End Date
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49

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
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CRITERIA

SELECTED OPTIONS

Option Type	Option Value
SUMMARY CRITERIA	INCLUDE ALL DATA
EVENTS PROCESSING	REPORT ALL EVENT RECORDS
MERGE PDF FILES	YES

SORT ORDER

Order	Column
1	STATE_CODE
2	COUNTY_CODE
3	SITE_ID
4	EPA_REGION
5	DATES
6	PARAMETER_CODE
7	POC

SCR GROUP SELECTIONS

Utah

GLOBAL DATES

Start Date	End Date
2011	2011

APPLICABLE STANDARDS

Standard Description
CO 8-hour 1971
Lead 3-Month 2009
Lead 3-Month PM10 Surrogate 2009
Lead Quarterly 1978
NO2 Annual 1971
Ozone 8-Hour 2008
PM10 24-hour 2006
PM25 24-hour 2006
SO2 1-hour 2010

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EXCEPTIONAL DATA TYPES

EDT	DESCRIPTION
0	NO EVENTS
1	EVENTS EXCLUDED
2	EVENTS INCLUDED
5	EVENTS WITH CONCURRENCE EXCLUDED

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-003-0003	AQCR: UTAH	Latitude: +41.492778
County: Box Elder	Urban Area: NOT IN AN URBAN AREA	Longitude: -112.018056
City: Brigham City	Location Setting: SUBURBAN	UTM Zone: 12
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing: 4593750
Address: 140 W.FISHBURN DRIVE, BRIGHAM CITY, UT		Utm Easting: 415018
		Vertical Meas: 1,334.0

Site Comments: SITE FOR OZONE, PM2.5, AND MET:

Parameter	POC		PQAO		Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc				
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages													Maximum Values	Arith Mean
44201-Ozone			1				1113										8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2011	0	95	4154	0	0	.030		10	25	50	75	90	95	98	99			1	2	.0506		
								.046	.048	.051	.055	.060	.063	.065	.065				.066	.065		
88101-PM2.5 - Local Conditions			1				1113	R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC					Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)					
2011	0	96	116	3	3	.3		10	25	50	75	90	95	98	99			1	2	7.75		
								1.7	3.0	4.9	8.1	17.9	23.7	35.6	56.6				57.5	56.6		

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Utah

Site ID: 49-005-0004

AQCR: UTAH

Latitude: +41.731111

County: Cache

Urban Area: NOT IN AN URBAN AREA

Longitude: -111.837500

City: Logan

Location Setting: URBAN AND CENTER CITY

UTM Zone: 12

Support Agency: 1113

Land Use: COMMERCIAL

Utm Northing: 4620024

Address: 125 W. CENTER STREET, LOGAN, UT

Utm Easting: 430337

Vertical Meas: 1,380.0

Site Comments: SITE REPLACES 490050002 WHICH WAS CLOSED DUE TO DEMOLITION.:

Parameter	POC	PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc						
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Percentages								Min Obs			Maximum Values	Arith Mean		
42602-Nitrogen dioxide (NO2)	1			1113			INSTRUMENTAL CHEMILUMINESCENCE								1	1 HOUR	0	Parts per billion			
2011	0	96	8377				.0	10	25	50	75	90	95	98	99	1	2	11.91			
							2.0	4.0	9.0	17.0	27.0	32.0	38.0	42.0		71.0	69.0				
44201-Ozone	1			1113			INSTRUMENTAL CHEMILUMINESCENCE								1	8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2011	0	100	8730	0	0		.004	10	25	50	75	90	95	98	99	1	2	.0507			
							.047	.048	.052	.057	.059	.061	.063	.066		.066	.066				
81102-PM10 Total 0-10um STP	1			1113			R - P Co Partisol Model 2000 Gravimetric								4	24 HOUR	0	Micrograms/cubic meter (25 C)			
							R - P Co Partisol Model 2025 Gravimetric								4						
2011	0	92	111	0	0		2	10	25	50	75	90	95	98	99	1	2	16.5			
							5	9	16	21	30	35	40	52		73	52				
88101-PM2.5 - Local Conditions	1			1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC Gravimetric								2	24 HOUR	0	Micrograms/cubic meter (LC)			
2011	0	96	352	8	8		.7	10	25	50	75	90	95	98	99	1	2	8.94			
							2.4	3.8	5.8	9.0	19.7	26.9	42.3	55.7		85.6	85.3				
88101-PM2.5 - Local Conditions	2			1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC Gravimetric								2	24 HOUR	0	Micrograms/cubic meter (LC)			
2011	0	71	22	0	0		.6	10	25	50	75	90	95	98	99	1	2	8.48			
							2.5	4.1	6.2	8.3	16.1	21.7	32.6	32.6		32.6	21.7				

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-007-1003	AQCR: UTAH	Latitude: +39.609960
County: Carbon	Urban Area: NOT IN AN URBAN AREA	Longitude: -110.800749
City: Not in a city	Location Setting: SUBURBAN	UTM Zone:
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing:
Address: On Prperty of Resident at 351 W 2500 E. Price, Utah		Utm Easting:
		Vertical Meas: 1,722.0

Site Comments:

Parameter	POC	PQAO	Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc										
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages												Maximum	Values	Arith	Mean		
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL	CHEMILUMINESCENCE										1	1 HOUR	0	Parts per billion			
2011	0	46	4068				.0	10	25	50	75	90	95	98	99		1	2	3.93							
								1.0	1.0	3.0	5.0	8.0	11.0	15.0	19.0		40.0	38.0								
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million									
2011	0	96	6539	0	0		.024	10	25	50	75	90	95	98	99		1	2	.0571							
								.053	.055	.057	.062	.065	.065	.068	.070		.073	.070								

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-011-0004	AQCR: WASATCH FRONT	Latitude: +40.902967
County: Davis	Urban Area: SALT LAKE CITY, UT	Longitude: -111.884467
City: Bountiful	Location Setting: SUBURBAN	UTM Zone: 12
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing: 4528150.36
Address: 171 WEST 1370 NORTH, BOUNTIFUL, UTAH		Utm Easting: 425503.56
		Vertical Meas: 1,309.0

Site Comments: NEW SITE TO REPLACE 490110001:

Year	Exc	Evt	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
			%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages								Maximum	Values	Arith
			1		1113			INSTRUMENTAL PULSED FLUORESCENT							2	1 HOUR	0	Parts per billion	
2011	0	98	8622	0		1.0	10	25	50	75	90	95	98	99	1	2	2.57		
							1.0	2.0	2.0	3.0	4.0	5.0	7.0	8.0		19.0	13.0		
			2		1113			INSTRUMENTAL PULSED FLUORESCENT							2	5 MINUTE	0	Parts per billion	
2011	0	97	101712			-1.0	10	25	50	75	90	95	98	99	1	2	1.26		
							1.0	1.0	1.0	1.0	2.0	3.0	4.0	4.0		2000.0	93.0		
			1		1113			INSTRUMENTAL CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion	
2011	0	98	8598			-1.0	10	25	50	75	90	95	98	99	1	2	12.54		
							1.0	3.0	8.0	20.0	32.0	37.0	42.0	47.0		62.0	62.0		
			1		1113											8-HR RUN AVG	0	Parts per million	
2011	0	97	4312	1	1	.024	10	25	50	75	90	95	98	99	1	2	.0494		
							.042	.044	.049	.055	.062	.066	.068	.071		.082	.071		
			5		1113			R&P Model 2000 GRAVIMETRIC							4	24 HOUR	0	Micrograms/cubic meter	
2011	0	98	60	0	0	2	10	25	50	75	90	95	98	99	1	2	17.4		
							5	8	16	25	34	38	44	46		46	44		
			1		1113			R & P Model 2025 Gravimetric							2	24 HOUR	0	Micrograms/cubic meter	
2011	0	93	113	2	2	.0	10	25	50	75	90	95	98	99	1	2	8.40		
							2.4	3.7	5.1	8.0	21.7	29.7	33.7	39.7		56.4	39.7		

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Utah

Site ID: 49-013-1001	AQCR: UTAH	Latitude: +40.309956
County: Duchesne	Urban Area: NOT IN AN URBAN AREA	Longitude: -110.000732
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 1113	Land Use: AGRICULTURAL	Utm Northing:
Address: 1/4 mile South of US 40 off 4500 West Fruitland, Utah		Utm Easting:
		Vertical Meas: 1,558.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc							
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages										Maximum	Values	Arith	Mean	
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL	CHEMILUMINESCENCE								1	1 HOUR	0		Parts per billion	
2011	0	74	6447				.0	10	25	50	75	90	95	98	99		1	2	2.59				
							.0	1.0	2.0	3.0	6.0	8.0	11.0	13.0			21.0	19.0					
44201-Ozone	1			1113											8-HR RUN AVG	0		Parts per million					
2011	0	98	6524	0	0		.024	10	25	50	75	90	95	98	99		1	2	.0535				
							.050	.052	.055	.058	.061	.064	.066	.066			.071	.066					

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-035-0003	AQCR: WASATCH FRONT	Latitude: +40.646667
County: Salt Lake	Urban Area: SALT LAKE CITY, UT	Longitude: -111.849722
City: Not in a city	Location Setting: SUBURBAN	UTM Zone: 12
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing: 4499650
Address: 5715 S. 1400 E., SALT LAKE CITY		Utm Easting: 428153
		Vertical Meas: 1,335.0

Site Comments: LOCATED ON SE EDGE OF COTTONWOOD HIGH SCHOOL ATHLETIC FIELD:

Year	Exc	Evt	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc			
			%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages								Maximum	Values	Arith	Mean
42101-Carbon monoxide			1		1113												8-HR RUN AVG END HOUR	0	Parts per million	
2011	0	75	6535	0	0	.3	10	25	50	75	90	95	98	99	1.3	1	2	.41		
						.3	.3	.3	.4	.7	.9	1.1	1.3	1.9	1.7					
42602-Nitrogen dioxide (NO2)			1		1113				INSTRUMENTAL CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion	
2011	0	63	5538			1.0	10	25	50	75	90	95	98	99		1	2	16.37		
						3.0	6.0	12.0	24.0	37.0	41.0	50.0	54.0	62.0	62.0					
44201-Ozone			1		1113												8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2011	0	93	4176	2	2	.011	10	25	50	75	90	95	98	99		1	2	.0546		
						.048	.050	.054	.061	.069	.071	.075	.076	.083	.076					
81102-PM10 Total 0-10um STP			1		1113				R - P Co Partisol Model 2025 Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2011	0	70	171	0	0	2	10	25	50	75	90	95	98	99		1	2	20.2		
						5	9	15	25	40	58	72	79	86	79					
88101-PM2.5 - Local Conditions			1		1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC Gravimetric							2	24 HOUR	0	Micrograms/cubic meter (LC)	
2011	0	64	232	11	11	.0	10	25	50	75	90	95	98	99		1	2	8.87		
						3.0	4.2	6.0	8.2	16.3	34.8	48.9	55.5	68.4	64.1					

FREQUENCY DISTRIBUTION REPORT

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Utah

Site ID: 49-035-0012
 County: Salt Lake
 City: Salt Lake City
 Support Agency: 1113
 Address: 1795 N WARM SPRINGS RD (1025 W) SLC UTAH

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: INDUSTRIAL

Latitude: +40.807500
 Longitude: -111.921111
 UTM Zone: 12
 Utm Northing: 4517585
 Utm Easting: 422312
 Vertical Meas: 1,286.0

Site Comments:

Year	Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc	
	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Percentages										Maximum Values	Arith Mean
	42401-Sulfur dioxide		1			1113	INSTRUMENTAL PULSED FLUORESCENT							2	1 HOUR	0	Parts per billion	
2011	0	98	8566	0			.0	10	25	50	75	90	95	98	99	1	2	4.95
								2.0	2.0	4.0	6.0	9.0	12.0	15.0	18.0		20.0	20.0
	42401-Sulfur dioxide		2			1113	INSTRUMENTAL ULTRAVIOLET FLUORESCENCE							.4	5 MINUTE	0	Parts per billion	
2011	0	96	100528				-1.0	10	25	50	75	90	95	98	99	1	2	1.99
								.0	1.0	1.0	3.0	4.0	5.0	7.0	10.0		64.0	42.0
	81102-PM10 Total 10um STP		0-	2		1113	R - P Co Partisol Model 2025 Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2011	0	91	333	0	0		2	10	25	50	75	90	95	98	99	1	2	28.9
								10	18	26	37	52	60	68	70		130	86
	81102-PM10 Total 10um STP		0-	3		1113	R - P Co Partisol Model 2025 Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2011	0	55	18	0	0		5	10	25	50	75	90	95	98	99	1	2	31.3
								8	17	28	39	69	77	77	77		77	69

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Utah

Site ID: 49-035-1001	AQCR: WASATCH FRONT	Latitude: +40.708611
County: Salt Lake	Urban Area: SALT LAKE CITY, UT	Longitude: -112.094722
City: Magna	Location Setting: SUBURBAN	UTM Zone: 12
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing: 4506792
Address: 2935 SOUTH 8560 WEST MAGNA,UTAH		Utm Easting: 407529
		Vertical Meas: 1,317.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis					MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Percentages								Maximum Values	Arith Mean		
						Min	Obs										
14129-Lead (TSP) LC	1		1113					Hi-Vol	Inductively Coupled Plasma-Mass Spectrometry Acid filter extraction with nitric and hydrochloric acid			.0075	24 HOUR	0	Micrograms/cubic meter (LC)		
								Hi-Vol	ICP-MS Extracted on a hot plate with 3M HNO3 according to refrn methd. SW-846 Meth 6020A			.0075					
2011	0	92	56	0	0	.002	10	25	50	75	90	95	98	99	1	2	.0279
							.004	.008	.017	.035	.073	.117	.136	.140	.140	.136	
14129-Lead (TSP) LC	2		1113					Hi-Vol	ICP-MS Extracted on a hot plate with 3M HNO3 according to refrn methd. SW-846 Meth 6020A			.0075	24 HOUR	0	Micrograms/cubic meter (LC)		
								Hi-Vol	Inductively Coupled Plasma-Mass Spectrometry Acid filter extraction with nitric and hydrochloric acid			.0075					
2011	0	49	30	0	0	.002	10	25	50	75	90	95	98	99	1	2	.0279
							.004	.005	.013	.024	.084	.142	.146	.146	.146	.142	

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-035-1001	AQCR: WASATCH FRONT	Latitude: +40.708611
County: Salt Lake	Urban Area: SALT LAKE CITY, UT	Longitude: -112.094722
City: Magna	Location Setting: SUBURBAN	UTM Zone: 12
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing: 4506792
Address: 2935 SOUTH 8560 WEST MAGNA,UTAH		Utm Easting: 407529
		Vertical Meas: 1,317.0

Site Comments:

Year	Parameter	POC		PQAO		Min Obs	Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc			
		Exc	Evt	%Obs	#Obs		#Pri	#Sec	Percentages								Maximum Values	Arith Mean		
	42401-Sulfur dioxide			4			1113		INSTRUMENTAL PULSED FLUORESCENT							2	1 HOUR	0	Parts per billion	
2011		0		96	8431	0		.0	10	25	50	75	90	95	98	99	1	2	3.66	
									1.0	1.0	2.0	5.0	8.0	10.0	15.0	18.0		44.0	29.0	
	42401-Sulfur dioxide			5			1113		INSTRUMENTAL PULSED FLUORESCENT							2	5 MINUTE	0	Parts per billion	
2011		0		94	98800			.0	10	25	50	75	90	95	98	99	1	2	1.29	
									.0	1.0	1.0	1.0	1.0	2.0	3.0	5.0	7.0	608.0	417.0	
	81102-PM10 Total 0-10um STP			3			1113		R - P Co Partisol Model 2025 Gravimetric							4	24 HOUR	0	Micrograms/cubic meter (25 C)	
2011		0		93	112	0	0	2	10	25	50	75	90	95	98	99	1	2	17.1	
									4	8	13	23	36	44	47	53		54	53	
	88101-PM2.5 - Local Conditions			1			1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC Gravimetric							2	24 HOUR	0	Micrograms/cubic meter (LC)	
2011		0		90	109	1	1	.0	10	25	50	75	90	95	98	99	1	2	7.74	
									1.7	3.1	4.9	8.2	23.4	25.8	32.6	34.4		38.9	34.4	

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-035-2004	AQCR: WASATCH FRONT	Latitude: +40.736389
County: Salt Lake	Urban Area: SALT LAKE CITY, UT	Longitude: -112.210278
City: Not in a city	Location Setting: RURAL	UTM Zone: 12
Support Agency: 1113	Land Use: INDUSTRIAL	Utm Northing: 4509978
Address: 12100 W 1200 S, LAKEPOINT, UTAH		Utm Easting: 397806
		Vertical Meas: 1,284.0

Site Comments: LOCATED AT GREAT SALT LAKE MARINA, NW SIDE OF I-80 TRAILER MOVED ACROSS PARKING LOT, APPROX. 70 M NORTH OF PREV. SITE:

Parameter	POC	PQAO	Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc								
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages												Maximum	Values	Arith	Mean
42401-Sulfur dioxide	1			1113					INSTRUMENTAL	ULTRAVIOLET FLUORESCENCE					.4	1 HOUR	0	Parts per billion						
2011	0	97	8535	0			.0	10	25	50	75	90	95	98	99		1	2	3.51					
								1.0	1.0	3.0	4.0	7.0	10.0	13.0	17.0			35.0	21.0					
42401-Sulfur dioxide	2			1113					INSTRUMENTAL	ULTRAVIOLET FLUORESCENCE					.4	5 MINUTE	0	Parts per billion						
2011	0	96	101253				.0	10	25	50	75	90	95	98	99		1	2	1.34					
								.0	.0	1.0	2.0	3.0	3.0	5.0	7.0			525.0	525.0					
44201-Ozone	1			1113											8-HR RUN AVG BEGIN HOUR	0	Parts per million							
2011	0	97	4299	3	3		.038	10	25	50	75	90	95	98	99		1	2	.0561					
								.051	.052	.056	.060	.069	.072	.077	.078			.081	.078					

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-035-3006
 County: Salt Lake
 City: Salt Lake City
 Support Agency: 1113
 Address: 1675 SOUTH 600 EAST, SALT LAKE CITY

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.736389
 Longitude: -111.872222
 UTM Zone: 12
 Utm Northing: 4509639
 Utm Easting: 426359
 Vertical Meas: 1,306.0

Site Comments:

Year	Exc	Evt	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc	
			%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages								Maximum	Values
42101-Carbon monoxide			1		1113										8-HR RUN AVG	0	Parts per million	
2011	0	96	8404	0	0	.1	10	25	50	75	90	95	98	99	99	1	2	.35
						.2	.2	.3	.4	.7	.9	1.1	1.2	1.2	1.2	1.7	1.6	
42401-Sulfur dioxide			1		1113										1 HOUR	0	Parts per billion	
2011	0	96	8405	0		.1	10	25	50	75	90	95	98	99	1	2	2.09	
						.8	1.2	1.7	2.5	3.4	4.4	6.2	7.1	7.1	46.5	10.0		
42401-Sulfur dioxide			2		1113										5 MINUTE	0	Parts per billion	
2011	0	97	101735			.0	10	25	50	75	90	95	98	99	1	2	.97	
						.2	.5	.9	1.2	1.6	2.0	2.6	3.1	3.1	101.8	101.8		
42602-Nitrogen dioxide (NO2)			1		1113										1 HOUR	0	Parts per billion	
2011	0	95	8322			.0	10	25	50	75	90	95	98	99	1	2	18.20	
						4.0	7.0	15.0	28.0	37.0	41.0	48.0	54.0	54.0	68.0	66.0		
44201-Ozone			1		1113										8-HR RUN AVG	0	Parts per million	
2011	0	94	8438	3	3	.002	10	25	50	75	90	95	98	99	1	2	.0547	
						.048	.051	.055	.061	.068	.071	.076	.078	.078	.083	.078		
81102-PM10 Total 10um STP			1		1113										24 HOUR	0	Micrograms/cubic meter (25 C)	
2011	0	96	349	0	0	2	10	25	50	75	90	95	98	99	1	2	19.8	
						6	10	15	23	39	51	71	76	76	86	83		

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-035-3006	AQCR: WASATCH FRONT	Latitude: +40.736389
County: Salt Lake	Urban Area: SALT LAKE CITY, UT	Longitude: -111.872222
City: Salt Lake City	Location Setting: SUBURBAN	UTM Zone: 12
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing: 4509639
Address: 1675 SOUTH 600 EAST, SALT LAKE CITY		Utm Easting: 426359
		Vertical Meas: 1,306.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc								
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum	Values	Arith	Mean		
88101-PM2.5 - Local Conditions			1			1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC	Gravimetric							2	24 HOUR	0	Micrograms/cubic meter (LC)			
2011	0		94	344	9	9	.0		10	25	50	75	90	95	98	99		1	2	8.23			
									2.7	3.9	5.3	7.5	17.1	26.5	38.5	50.7		68.0	65.3				

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-035-3010
 County: Salt Lake
 City: Salt Lake City
 Support Agency: 1113
 Address: 1250 NORTH 1400 WEST

AQCR: WASATCH FRONT
 Urban Area: SALT LAKE CITY, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.784220
 Longitude: -111.931000
 UTM Zone:
 Utm Northing:
 Utm Easting:
 Vertical Meas: 1,286.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis						MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages								Maximum Values	Arith Mean	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)			
2011	0	95	346	10	10	1.3	10	25	50	75	90	95	98	99		1	2	8.99
								2.8	4.3	6.2	9.6	20.5	29.7	37.0	40.0		43.7	43.1
88101-PM2.5 - Local Conditions		2		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)			
2011	0	87	27	0	0	1.8	10	25	50	75	90	95	98	99		1	2	8.09
								2.7	3.6	4.5	8.0	20.7	27.0	35.0	35.0		35.0	27.0

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-045-0003	AQCR: WASATCH FRONT	Latitude: +40.543371
County: Tooele	Urban Area: NOT IN AN URBAN AREA	Longitude: -112.298814
City: Tooele	Location Setting: URBAN AND CENTER CITY	UTM Zone: 12
Support Agency: 1113	Land Use: COMMERCIAL	Utm Northing: 4488683
Address: 434 NORTH 50 WEST, TOOELE, UTAH		Utm Easting: 390013
		Vertical Meas: 1,511.0

Site Comments:

Parameter	POC	PQAO	Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc								
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages												Maximum	Values	Arith	Mean
44201-Ozone	1			1113												8-HR RUN AVG	0	Parts per million						
																BEGIN HOUR								
2011	0	98	4341	1	1	.030	10	25	50	75	90	95	98	99			1	2	.0536					
						.049	.050	.053	.058	.065	.068	.071	.075				.076	.075						
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2000	Gravimetric			2	24 HOUR	0	Micrograms/cubic meter (LC)								
									PM-2.5 Air Sampler w/VSCC	Gravimetric			2											
									R & P Model 2025	Gravimetric			2											
									PM-2.5 Sequential	Gravimetric			2											
									Air Sampler w/VSCC	Gravimetric			2											
2011	0	92	111	0	0	.7	10	25	50	75	90	95	98	99			1	2	6.24					
						1.9	3.0	4.2	6.5	12.9	19.6	23.0	28.9				29.6	28.9						

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-047-2002	AQCR: UTAH	Latitude: +40.206291
County: Uintah	Urban Area: NOT IN AN URBAN AREA	Longitude: -109.353932
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 1113	Land Use: DESERT	Utm Northing:
Address: 2 Miles west of Redwash atop Deadman's Bench		Utm Easting:
		Vertical Meas: 1,701.8

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum	Values	Arith Mean
42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion			
2011	0	70	6143			.0	10	25	50	75	90	95	98	99	1	2	4.24		
							1.0	1.0	2.0	5.0	11.0	15.0	20.0	24.0		46.0	41.0		
44201-Ozone		1		1113										8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2011	0	98	6251	21	21	.032	10	25	50	75	90	95	98	99	1	2	.0561		
							.047	.050	.054	.059	.068	.081	.092	.108		.125	.119		

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-047-2003 AQCR: UTAH Latitude: +40.056710
 County: Uintah Urban Area: NOT IN AN URBAN AREA Longitude: -109.688108
 City: Not in a city Location Setting: RURAL UTM Zone:
 Support Agency: 1113 Land Use: DESERT Utm Northing:
 Address: 2 miles south of Ouray and south of the White and Green River confluence Utm Easting:
 Vertical Meas: 1,466.8

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Percentages						Obs			Maximum	Arith Mean	
42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL		CHEMILUMINESCENCE						1	1 HOUR	0	Parts per billion	
2011	0	70	6162			.0	10	25	50	75	90	95	98	99	1	2	3.52	
						.0	1.0	1.0	4.0	11.0	15.0	19.0	22.0		35.0	35.0		
44201-Ozone		1		1113											8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2011	0	97	6254	22	22	.034	10	25	50	75	90	95	98	99	1	2	.0583	
						.047	.051	.055	.060	.073	.091	.102	.133		.139	.139		

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-049-0002	AQCR: WASATCH FRONT	Latitude: +40.253611
County: Utah	Urban Area: PROVO-OREM, UT	Longitude: -111.663056
City: Provo	Location Setting: URBAN AND CENTER CITY	UTM Zone: 12
Support Agency: 1113	Land Use: COMMERCIAL	Utm Northing: 4455894
Address: 1355 NORTH 200 WEST PROVO UT		Utm Easting: 443606
		Vertical Meas: 1,402.0

Site Comments:

Parameter	POC	PQAO	Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc					
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages												Maximum Values	Arith Mean
42101-Carbon monoxide	1			1113												8-HR RUN AVG END HOUR	0	Parts per million			
2011	0	97	8487	0	0	.3	10	25	50	75	90	95	98	99	1.5	1	2	.46			
						.3	.3	.3	.5	.9	1.1	1.4	1.5	2.0	2.0						
42602-Nitrogen dioxide (NO2)	1			1113				INSTRUMENTAL	CHEMILUMINESCENCE				1	1 HOUR	0	Parts per billion					
2011	0	90	7861			.0	10	25	50	75	90	95	98	99	1	2	17.22				
						4.0	7.0	14.0	26.0	35.0	38.0	42.0	44.0	92.0	87.0						
44201-Ozone	2			1113											8-HR RUN AVG BEGIN HOUR	0	Parts per million				
2011	0	93	8318	0	0	.004	10	25	50	75	90	95	98	99	1	2	.0538				
						.049	.051	.055	.059	.062	.064	.065	.066	.068	.066						
81102-PM10 Total 10um STP	2			1113				R - P Co Partisol Model 2000	Gravimetric				4	24 HOUR	0	Micrograms/cubic meter (25 C)					
2011	0	89	109	0	0	2	10	25	50	75	90	95	98	99	1	2	18.9				
						6	11	18	24	39	42	45	52	59	52						
81102-PM10 Total 10um STP	3			1113				R - P Co Partisol Model 2000	Gravimetric				4	24 HOUR	0	Micrograms/cubic meter (25 C)					
2011	0	84	27	0	0	2	10	25	50	75	90	95	98	99	1	2	20.2				
						2	10	18	26	43	49	52	52	52	49						
88101-PM2.5 - Local Conditions	1			1113				R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC	Gravimetric				2	24 HOUR	0	Micrograms/cubic meter (LC)					
2011	0	85	311	2	2	.0	10	25	50	75	90	95	98	99	1	2	7.54				
						2.7	4.2	5.6	8.5	13.9	21.4	30.1	33.4	50.2	44.8						

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-049-4001
 County: Utah
 City: Lindon
 Support Agency: 1113
 Address: 30 NORTH MAIN STREET, LINDON, UTAH

AQCR: WASATCH FRONT
 Urban Area: PROVO-OREM, UT
 Location Setting: SUBURBAN
 Land Use: RESIDENTIAL

Latitude: +40.341389
 Longitude: -111.713611
 UTM Zone: 12
 Utm Northing: 4465688
 Utm Easting: 439398
 Vertical Meas: 1,442.0

Site Comments: LOCATED AT LINDON ELEMENTARY SCHOOL:

Parameter	POC	PQAO		Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc								
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages													Maximum	Values	Arith	Mean
81102-PM10 Total	0-	2							R - P Co Partisol Model 2025										4	24 HOUR	0	Micrograms/cubic meter (25 C)			
2011	0	89	324	0	0	2	10	25	50	75	90	95	98	99		1	2	20.4							
							6	12	18	26	39	47	63	67		71	70								
88101-PM2.5 - Local	1								R & P Model 2025 PM2.5 Sequential w/WINS										2	24 HOUR	0	Micrograms/cubic meter (LC)			
									R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC										2						
2011	0	95	348	8	8	.0	10	25	50	75	90	95	98	99		1	2	8.24							
							2.9	4.0	5.3	8.7	16.8	26.0	36.5	48.3		49.4	49.3								
88101-PM2.5 - Local	2								R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC										2	24 HOUR	0	Micrograms/cubic meter (LC)			
2011	0	77	24	0	0	1.6	10	25	50	75	90	95	98	99		1	2	6.65							
							3.1	3.8	5.4	6.6	9.7	13.2	32.5	32.5		32.5	13.2								

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-049-5008
 County: Utah
 City: Not in a city
 Support Agency: 1113
 Address: 10865 N. 6000 WEST, HIGHLAND, UTAH

AQCR: WASATCH FRONT
 Urban Area: PROVO-OREM, UT
 Location Setting: RURAL
 Land Use: AGRICULTURAL

Latitude: +40.430278
 Longitude: -111.803889
 UTM Zone: 12
 Utm Northing: 4475602
 Utm Easting: 431803
 Vertical Meas: 1,485.0

Site Comments: PART OF 1994 OZONE NETWORK:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc	
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages									Maximum Values	Arith Mean
			1			1113								8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2011	0	38	2130	0	0	.030	10	25	50	75	90	95	98	99	1	2	.0525
							.049	.051	.053	.059	.061	.061	.064	.066		.066	.064
88101-PM2.5 - Local Conditions			1			1113	R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC		Gravimetric			2	24 HOUR	0	Micrograms/cubic meter (LC)		
2011	0	8	10	1	1	4.2	10	25	50	75	90	95	98	99	1	2	21.60
							10.9	12.5	21.2	32.9	42.1	42.1	42.1	42.1		42.1	33.0

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-049-5010
 County: Utah
 City: Spanish Fork
 Support Agency: 1113
 Address: 312 W. 2050 NORTH, SPANISH FORK, UTAH

AQCR: WASATCH FRONT
 Urban Area: PROVO-OREM, UT
 Location Setting: SUBURBAN
 Land Use: INDUSTRIAL

Latitude: +40.136389
 Longitude: -111.659722
 UTM Zone: 12
 Utm Northing: 4442904
 Utm Easting: 443807
 Vertical Meas: 1,380.0

Site Comments: SITE IS LOCATED AT SPANISH FORK AIRPORT:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min Obs	Percentages									Maximum Values	Arith Mean	
44201-Ozone		1		1113										8-HR RUN AVG	0	Parts per million		
														BEGIN HOUR				
2011	0	99	4195	0	0	.027	10	25	50	75	90	95	98	99	1	2	.0534	
							.047	.050	.054	.059	.061	.064	.065	.066		.069	.066	
88101-PM2.5 - Local Conditions		1		1113			R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC							2	24 HOUR	0	Micrograms/cubic meter (LC)	
2011	0	94	114	1	1	.1	10	25	50	75	90	95	98	99	1	2	7.48	
							2.3	3.4	5.5	7.6	14.7	23.2	33.4	34.6		46.0	34.6	

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-053-0006	AQCR: FOUR CORNERS	Latitude: +37.129000
County: Washington	Urban Area: NOT IN AN URBAN AREA	Longitude: -113.637000
City: Not in a city	Location Setting: RURAL	UTM Zone:
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing:
Address: 1215 NORTH LAVA FLOW DRIVE, SANTA CLARA, UTAH		Utm Easting:
		Vertical Meas: 846.0

Site Comments:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum	Values	Arith Mean
42602-Nitrogen dioxide (NO2)		1		1113		INSTRUMENTAL		CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion	
2011	0	49	4308			1.0	10	25	50	75	90	95	98	99		1	2	3.71	
							2.0	2.0	3.0	4.0	7.0	9.0	11.0	13.0		21.0	19.0		
44201-Ozone		1		1113												8-HR RUN AVG BEGIN HOUR	0	Parts per million	
2011	0	96	4304	0	0	.039	10	25	50	75	90	95	98	99		1	2	.0548	
							.049	.052	.056	.061	.064	.067	.069	.070		.071	.070		

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-057-0002	AQCR: WASATCH FRONT	Latitude: +41.206389
County: Weber	Urban Area: OGDEN, UT	Longitude: -111.974722
City: Ogden	Location Setting: URBAN AND CENTER CITY	UTM Zone: 12
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing: 4561914
Address: 228 32ND STREET, OGDEN, UTAH		Utm Easting: 418278
		Vertical Meas: 1,316.0

Site Comments: THIS SITE REPLACES OG (490570001)WHICH WAS DEMOLISHED FOR NEW CONST.:

Parameter	POC	PQAO	Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc								
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages												Maximum	Values	Arith	Mean
42101-Carbon monoxide	1			1113												8-HR RUN AVG	0	Parts per million						
2011	0	96	8421	0	0	.3	10	25	50	75	90	95	98	99	99	END HOUR	1	2	.45					
						.3	.3	.3	.5	.8	.9	1.1	1.3	1.6	1.6									
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL	CHEMILUMINESCENCE			1	1 HOUR	0	Parts per billion								
2011	0	97	8489			-1.0	10	25	50	75	90	95	98	99	1	2	16.07							
						2.0	5.0	12.0	26.0	34.0	38.0	42.0	44.0	66.0	54.0									
44201-Ozone	1			1113											8-HR RUN AVG	0	Parts per million							
2011	0	92	8193	1	1	.002	10	25	50	75	90	95	98	99	99	BEGIN HOUR	1	2	.0547					
						.049	.051	.054	.060	.066	.068	.075	.075	.080	.075									
81102-PM10 Total 0-10um STP	1			1113			R - P Co	Partisol	Gravimetric			4	24 HOUR	0	Micrograms/cubic meter (25 C)									
2011	0	96	350	0	0	2	10	25	50	75	90	95	98	99	1	2	20.1							
						7	11	17	25	38	46	59	67	79	70									
88101-PM2.5 - Local Conditions	1			1113			R & P Model 2025	PM-2.5 Sequential	Gravimetric			2	24 HOUR	1	Micrograms/cubic meter (LC)									
2011	0	95	346	8	8	.0	10	25	50	75	90	95	98	99	1	2	8.96							
						2.7	4.2	6.0	8.6	21.0	27.4	41.0	49.6	64.6	56.0									

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-057-0002
 County: Weber
 City: Ogden
 Support Agency: 1113
 Address: 228 32ND STREET, OGDEN, UTAH

AQCR: WASATCH FRONT
 Urban Area: OGDEN, UT
 Location Setting: URBAN AND CENTER CITY
 Land Use: RESIDENTIAL

Latitude: +41.206389
 Longitude: -111.974722
 UTM Zone: 12
 Utm Northing: 4561914
 Utm Easting: 418278
 Vertical Meas: 1,316.0

Site Comments: THIS SITE REPLACES OG (490570001)WHICH WAS DEMOLISHED FOR NEW CONST.:

Parameter		POC		PQAO		Method of Collection and Analysis						MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages								Maximum Values	Arith Mean	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	2	Micrograms/cubic meter (LC)			
2011	1	95	347	9	9	.0	10	25	50	75	90	95	98	99		1	2	9.06
							2.7	4.2	6.0	8.8	21.2	28.4	43.8	49.6		64.6	56.0	
88101-PM2.5 - Local Conditions		1		1113		R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC						2	24 HOUR	5	Micrograms/cubic meter (LC)			
2011	1	95	347	9	9	.0	10	25	50	75	90	95	98	99		1	2	9.06
							2.7	4.2	6.0	8.8	21.2	28.4	43.8	49.6		64.6	56.0	

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-057-0006

AQCR: WASATCH FRONT

Latitude: +41.219722

County: Weber

Urban Area: OGDEN, UT

Longitude: -111.969444

City: Ogden

Location Setting: URBAN AND CENTER CITY

UTM Zone: 12

Support Agency: 1113

Land Use: COMMERCIAL

Utm Northing: 4563387

Address: 2540 S. WASHINGTON BLVD., OGDEN, UTAH

Utm Easting: 418734

Vertical Meas: 1,314.0

Site Comments: MICROSCALE CO SITE TO REPLACE OLD WASHINGTON BLVD CO SITE:

Parameter		POC		PQAO		Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc			
Year	Exc Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages									Maximum	Values	Arith Mean
			1		1113									8-HR RUN AVG	0	Parts per million			
														END HOUR					
2011	0	99	8689	0	0	.3	10	25	50	75	90	95	98	99		1	2	.48	
								.3	.3	.4	.6	.8	1.0	1.2	1.3		1.8	1.8	

FREQUENCY DISTRIBUTION REPORT

Jul. 5, 2012

Utah

Site ID: 49-057-1003	AQCR: WASATCH FRONT	Latitude: +41.303683
County: Weber	Urban Area: OGDEN, UT	Longitude: -111.987067
City: Not in a city	Location Setting: RURAL	UTM Zone: 12
Support Agency: 1113	Land Use: RESIDENTIAL	Utm Northing: 4572719
Address: 425 W 2550 NORTH, OGDEN, UTAH		Utm Easting: 417376
		Vertical Meas: 1,331.0

Site Comments:

Parameter	POC		PQAO		Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc						
Year	Exc	Evt	%Obs	#Obs	#Pri	#Sec	Min	Obs	Percentages										Maximum	Values	Arith	Mean
44201-Ozone			1														8-HR RUN AVG	0	Parts per million			
																	BEGIN HOUR					
2011	0	99	4369	0	0	.033	10	25	50	75	90	95	98	99			1	2	.0567			
						.050	.052	.056	.062	.068	.071	.074	.075				.075	.075				
88101-PM2.5 - Local Conditions			1						R & P Model 2000	Gravimetric							24 HOUR	0	Micrograms/cubic meter (LC)			
									PM-2.5 Air Sampler w/VSCC													
2011	0	93	112	2	2	.7	10	25	50	75	90	95	98	99			1	2	7.47			
						2.5	3.2	4.7	7.4	15.3	26.3	32.9	38.4				52.6	38.4				