

User ID: RPW

FREQUENCY DISTRIBUTION REPORT

Report Request ID: 903736

Report Code: AMP230

Aug. 25, 2011

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
2006	2006

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

FREQUENCY DISTRIBUTION REPORT

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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

Aug. 25, 2011

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	1	Parts per million		
2006	0	87	3197	4	4	.016	10	25	50	75	90	95	98	99	1	2	.0553
							.042	.050	.056	.063	.068	.073	.076	.078		.081	.078
44201-Ozone		1	1113										8-HR RUN AVG	2	Parts per million		
2006	0	87	3231	6	6	.016	10	25	50	75	90	95	98	99	1	2	.0558
							.042	.050	.057	.063	.069	.075	.079	.081		.084	.081
44201-Ozone		1	1113										8-HR RUN AVG	5	Parts per million		
2006	0	87	3231	6	6	.016	10	25	50	75	90	95	98	99	1	2	.0558
							.042	.050	.057	.063	.069	.075	.079	.081		.084	.081
88101-PM2.5 - Local Conditions		1	1113									2	24 HOUR	0	Micrograms/cubic meter (LC)		
2006	0	93	113	2	2	.3	10	25	50	75	90	95	98	99	1	2	8.04
							2.5	4.0	6.6	9.1	15.5	22.6	28.5	39.9		41.7	39.9

FREQUENCY DISTRIBUTION REPORT

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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	Min Obs	Percentages												Maximum Values	Arith Mean
42401-Sulfur dioxide	1		1113				INSTRUMENTAL	PULSED FLUORESCENT						2	1 HOUR	0	Parts per billion			
2006	0	24	2135	0		1.0	10	25	50	75	90	95	98	99		1	2	2.56		
							1.0	1.0	2.0	3.0	4.0	5.0	6.0	39.0			39.0	6.0		
42602-Nitrogen dioxide (NO2)	1		1113				INSTRUMENTAL	GAS PHASE CHEMILUMINESCENCE						2.7	1 HOUR	0	Parts per billion			
2006	0	85	7480			.0	10	25	50	75	90	95	98	99		1	2	13.20		
							2.0	5.0	10.0	19.0	29.0	34.0	39.0	45.0			63.0	62.0		
44201-Ozone	1		1113											8-HR RUN AVG	0	Parts per million				
2006	0	99	8706	1	1	.007	10	25	50	75	90	95	98	99		1	2	.0531		
							.049	.052	.056	.060	.064	.068	.073	.074			.084	.074		
81102-PM10 Total 10um STP	1		1113				R&P Model 2000	GRAVIMETRIC						4	24 HOUR	1	Micrograms/cubic meter (25 C)			
2006	0	95	115	0	0	2	10	25	50	75	90	95	98	99		1	2	19.9		
							5	10	17	27	36	43	49	51			74	51		
81102-PM10 Total 10um STP	1		1113				R&P Model 2000	GRAVIMETRIC						4	24 HOUR	2	Micrograms/cubic meter (25 C)			
2006	1	95	116	0	0	2	10	25	50	75	90	95	98	99		1	2	20.3		
							6	11	17	28	39	46	51	59			74	59		
81102-PM10 Total 10um STP	1		1113				R&P Model 2000	GRAVIMETRIC						4	24 HOUR	5	Micrograms/cubic meter (25 C)			
2006	1	95	116	0	0	2	10	25	50	75	90	95	98	99		1	2	20.3		
							6	11	17	28	39	46	51	59			74	59		

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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	Min	Obs	Percentages												Maximum Values	Arith Mean		
88101-PM2.5 - Local Conditions	1			1113					R & P Model 2025 PM2.5 Sequential w/WINS	GRAVIMETRIC										2	24 HOUR	0	Micrograms/cubic meter (LC)	
2006	0	94	344	5	5	1.0	10	25	50	75	90	95	98	99		1	2	8.53						
							3.0	4.5	6.9	10.0	15.0	20.8	29.4	38.5				56.9	40.4					
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)	
2006	0	88	323	5	5	.1	10	25	50	75	90	95	98	99		1	2	9.07						
							3.2	4.9	7.4	10.5	16.2	22.2	30.1	38.7				54.3	41.9					

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-005-0005  
 County: Cache  
 City: Amalga  
 Support Agency: 1113  
 Address: 6970 NORTH 2400 WEST, AMALGA, UTAH

AQCR: UTAH  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: RURAL  
 Land Use: AGRICULTURAL

Latitude: +41.859400  
 Longitude: -111.895200  
 UTM Zone: 12  
 Utm Northing: 4634339.8  
 Utm Easting: 425696.31  
 Vertical Meas: 1,354.0

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 2000 PM-2.5 Air Sampler w/VSCC						2	24 HOUR	0	Micrograms/cubic meter (LC)	
2006	0	23	28	1	1	1.2	10	25	50	75	90	95	98	99	1	2	9.40
							1.7	4.2	8.0	13.7	17.2	24.5	43.2	43.2		43.2	24.5

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Utah

Site ID: 49-005-0006  
 County: Cache  
 City: Hyrum  
 Support Agency: 1113  
 Address: 480 WEST 100 NORTH, HYRUM, UTAH

AQCR: UTAH  
 Urban Area: NOT IN AN URBAN AREA  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +41.635460  
 Longitude: -111.868190  
 UTM Zone: 12  
 Utm Northing: 4609454.1  
 Utm Easting: 427687.35  
 Vertical Meas: 1,427.0

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 2000 PM-2.5 Air Sampler w/VSCC					2	24 HOUR	0	Micrograms/cubic meter (LC)	
2006	0	23	28	1	1	1.0	10	25	50	75	90	95	98	99	1	2	9.05
							2.0	2.9	6.6	13.0	18.1	18.4	46.5	46.5	46.5	18.4	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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		Min Obs	Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc	
		%Obs	#Obs	#Pri	#Sec		Percentages										Maximum Values	Arith Mean
		1			1113		INSTRUMENTAL PULSED FLUORESCENT							2	1 HOUR	0	Parts per billion	
2006	0	97	8509	0		.0	10	25	50	75	90	95	98	99	1	2	4.77	
							1.0	2.0	4.0	7.0	10.0	12.0	14.0	16.0		23.0	19.0	
		1			1113		INSTRUMENTAL CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion	
2006	0	97	8476			.0	10	25	50	75	90	95	98	99	1	2	18.00	
							4.0	7.0	14.0	28.0	38.0	42.0	47.0	50.0		72.0	68.0	
		1			1113		8-HR RUN AVG								1	Parts per million		
2006	0	99	3626	5	5	.028	10	25	50	75	90	95	98	99	1	2	.0568	
							.041	.050	.058	.064	.069	.075	.081	.082		.083	.082	
		1			1113		8-HR RUN AVG								2	Parts per million		
2006	0	99	3653	7	7	.028	10	25	50	75	90	95	98	99	1	2	.0575	
							.042	.051	.058	.064	.070	.075	.082	.085		.095	.085	
		1			1113		8-HR RUN AVG								5	Parts per million		
2006	0	99	3653	7	7	.028	10	25	50	75	90	95	98	99	1	2	.0575	
							.042	.051	.058	.064	.070	.075	.082	.085		.095	.085	
81102-PM10 Total	0-	5			1113		R&P Model 2000 GRAVIMETRIC							4	24 HOUR	0	Micrograms/cubic meter	
	10um STP						Partisol										(25 C)	
2006	0	93	57	0	0	5	10	25	50	75	90	95	98	99	1	2	24.5	
							8	15	24	31	40	49	56	94		94	56	



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:

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	
88101-PM2.5 - Local Conditions	1		1113			R & P Model 2000 PM2.5 Sampler w/WINS							2	24 HOUR	0	Micrograms/cubic meter (LC)		
						R & P Model 2000 PM-2.5 Air Sampler w/VSCC							2					
2006	0	85	104	1	1	1.2	10	25	50	75	90	95	98	99		1	2	8.81
						3.2	4.6	7.3	10.7	14.7	17.3	34.1	34.9			43.4	34.9	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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:

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			
2006	0	97	8522	0	0	.3	10	25	50	75	90	95	98	99	END HOUR		1	2	.51		
							.3	.3	.3	.6	1.0	1.3	1.5	1.8			2.4	2.3			
42602-Nitrogen dioxide (NO2)	1		1113				INSTRUMENTAL					CHEMILUMINESCENCE					1	1 HOUR	0	Parts per billion	
2006	0	85	7441			.0	10	25	50	75	90	95	98	99			1	2	20.36		
							4.0	8.0	18.0	31.0	40.0	45.0	50.0	53.0			75.0	66.0			
44201-Ozone	1		1113												8-HR RUN AVG	1		Parts per million			
2006	0	98	3588	9	9	.002	10	25	50	75	90	95	98	99	BEGIN HOUR		1	2	.0571		
							.040	.050	.059	.066	.072	.078	.084	.085			.090	.085			
44201-Ozone	1		1113												8-HR RUN AVG	2		Parts per million			
2006	0	98	3646	12	12	.002	10	25	50	75	90	95	98	99	BEGIN HOUR		1	2	.0582		
							.041	.051	.060	.066	.074	.079	.084	.085			.090	.085			
44201-Ozone	1		1113												8-HR RUN AVG	5		Parts per million			
2006	0	98	3646	12	12	.002	10	25	50	75	90	95	98	99	BEGIN HOUR		1	2	.0582		
							.041	.051	.060	.066	.074	.079	.084	.085			.090	.085			
81102-PM10 Total 10um STP	0-	1	1113				R&P Model 2000					GRAVIMETRIC					4	24 HOUR	1	Micrograms/cubic meter (25 C)	
2006	0	99	120	0	0	2	10	25	50	75	90	95	98	99	Partisol		1	2	24.5		
							9	13	23	33	42	49	58	61			76	61			

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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:

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 10um STP	0-	1		1113				R&P Model 2000 Partisol	GRAVIMETRIC										4	24 HOUR	2	Micrograms/cubic meter (25 C)	
2006	1	99	121	0	0	2	10	25	50	75	90	95	98	99		1	2	25.0					
			10	13	23	33	43	53	61	76	82	76											
81102-PM10 Total 10um STP	0-	1		1113				R&P Model 2000 Partisol	GRAVIMETRIC										4	24 HOUR	5	Micrograms/cubic meter (25 C)	
2006	1	99	121	0	0	2	10	25	50	75	90	95	98	99		1	2	25.0					
			10	13	23	33	43	53	61	76	82	76											
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)	
								R & P Model 2025 PM2.5 Sequential w/WINS	GRAVIMETRIC										2				
2006	0	94	115	4	4	1.1	10	25	50	75	90	95	98	99		1	2	10.23					
			3.6	5.5	7.9	11.7	17.0	29.1	39.2	42.9	44.2	42.9											

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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	Exc Evt	POC		PQAO		Min Obs	Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc	
		%Obs	#Obs	#Pri	#Sec		Percentages													Maximum Values	Arith Mean
		1		1113			INSTRUMENTAL		PULSED FLUORESCENT								2	1 HOUR	0	Parts per billion	
2006	0	98	8572	0		1.0	10	25	50	75	90	95	98	99		1	2	6.67			
							2.0	3.0	5.0	9.0	13.0	16.0	18.0	20.0			31.0	28.0			
81102-PM10 Total 0-10um STP		2		1113			R&P Model 2000		GRAVIMETRIC								4	24 HOUR	1	Micrograms/cubic meter (25 C)	
2006	0	93	338	0	0	2	10	25	50	75	90	95	98	99		1	2	39.8			
							13	22	35	52	70	84	99	105			124	113			
81102-PM10 Total 0-10um STP		2		1113			R&P Model 2000		GRAVIMETRIC								4	24 HOUR	2	Micrograms/cubic meter (25 C)	
2006	3	93	341	2	2	2	10	25	50	75	90	95	98	99		1	2	40.8			
							14	23	36	54	72	85	103	113			188	164			
81102-PM10 Total 0-10um STP		2		1113			R&P Model 2000		GRAVIMETRIC								4	24 HOUR	5	Micrograms/cubic meter (25 C)	
2006	3	93	341	2	2	2	10	25	50	75	90	95	98	99		1	2	40.8			
							14	23	36	54	72	85	103	113			188	164			
88101-PM2.5 - Local Conditions		1		1113			R & P Model 2025		GRAVIMETRIC								2	24 HOUR	0	Micrograms/cubic meter (LC)	
							PM2.5 Sequential w/WINS														
							R & P Model 2025		Gravimetric								2				
							PM-2.5 Sequential Air Sampler w/VSCC														
2006	0	92	335	9	9	1.7	10	25	50	75	90	95	98	99		1	2	13.07			
							5.3	7.5	10.9	16.1	23.3	29.2	39.9	51.3			55.3	54.5			

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-035-0014  
 County: Salt Lake  
 City: Salt Lake City  
 Support Agency: 1113  
 Address: 1401 SOUTH STATE STREET, SLC, UTAH

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: URBAN AND CENTER CITY  
 Land Use: COMMERCIAL

Latitude: +40.741111  
 Longitude: -111.888056  
 UTM Zone: 12  
 Utm Northing: 4510187  
 Utm Easting: 425026  
 Vertical Meas: 1,293.0

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
			1		1113									8-HR RUN AVG	0	Parts per million		
														END HOUR				
2006	0	72	6279	0	0	.3	10	25	50	75	90	95	98	99		1	2	.54
								.3	.3	.4	.6	1.0	1.2	1.7	2.0	3.0	2.9	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-035-1001  
 County: Salt Lake  
 City: Magna  
 Support Agency: 1113  
 Address: 2935 SOUTH 8560 WEST MAGNA,UTAH

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

Latitude: +40.708611  
 Longitude: -112.094722  
 UTM Zone: 12  
 Utm Northing: 4506792  
 Utm Easting: 407529  
 Vertical Meas: 1,317.0

Site Comments:

Year	Exc Evt	POC		PQAO		Min Obs	Method of Collection and Analysis							MDL	Duration	EDT	Unit Desc		
		%Obs	#Obs	#Pri	#Sec		Percentages										Maximum Values	Arith Mean	
		4		1113			INSTRUMENTAL PULSED FLUORESCENT							2	1 HOUR	0	Parts per billion		
2006	0	98	8592	0		.0	10	25	50	75	90	95	98	99	1	2	6.79		
							2.0	3.0	5.0	8.0	14.0	18.0	27.0	31.0		39.0	34.0		
81102-PM10 Total 0-10um STP		3		1113			R&P Model 2000 GRAVIMETRIC							4	24 HOUR	1	Micrograms/cubic meter (25 C)		
2006	0	92	111	0	0	2	10	25	50	75	90	95	98	99	1	2	18.9		
							6	9	17	24	33	42	56	57		70	57		
81102-PM10 Total 0-10um STP		3		1113			R&P Model 2000 GRAVIMETRIC							4	24 HOUR	2	Micrograms/cubic meter (25 C)		
2006	1	92	112	0	0	2	10	25	50	75	90	95	98	99	1	2	19.4		
							6	9	17	25	35	43	57	70		80	70		
81102-PM10 Total 0-10um STP		3		1113			R&P Model 2000 GRAVIMETRIC							4	24 HOUR	5	Micrograms/cubic meter (25 C)		
2006	1	92	112	0	0	2	10	25	50	75	90	95	98	99	1	2	19.4		
							6	9	17	25	35	43	57	70		80	70		
88101-PM2.5 - Local Conditions		1		1113			R & P Model 2025 Gravimetric							2	24 HOUR	0	Micrograms/cubic meter (LC)		
							PM-2.5 Sequential Air Sampler w/VSCC												
							R & P Model 2025 GRAVIMETRIC							2					
							PM2.5 Sequential w/WINS												
2006	0	91	111	2	2	.2	10	25	50	75	90	95	98	99	1	2	7.88		
							2.5	4.2	6.3	9.3	13.9	16.5	29.3	38.4		49.3	38.4		

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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	
2006	0	93	8114	0			.0	10	25	50	75	90	95	98	99	1	2	10.80			
								3.0	5.0	8.0	14.0	23.0	30.0	38.0	41.0		75.0	60.0			
44201-Ozone	1			1113														8-HR RUN AVG BEGIN HOUR	1	Parts per million	
2006	0	88	3292	9	9		.031	10	25	50	75	90	95	98	99	1	2	.0596			
								.043	.053	.060	.067	.073	.077	.080	.083		.087	.083			
44201-Ozone	1			1113														8-HR RUN AVG BEGIN HOUR	2	Parts per million	
2006	0	88	3350	12	12		.031	10	25	50	75	90	95	98	99	1	2	.0604			
								.045	.053	.061	.068	.074	.080	.083	.087		.088	.087			
44201-Ozone	1			1113														8-HR RUN AVG BEGIN HOUR	5	Parts per million	
2006	0	88	3350	12	12		.031	10	25	50	75	90	95	98	99	1	2	.0604			
								.045	.053	.061	.068	.074	.080	.083	.087		.088	.087			

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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		Min Obs	Method of Collection and Analysis										MDL	Duration	EDT	Unit Desc															
		%Obs	#Obs	#Pri	#Sec		Percentages					Maximum Values								Arith Mean															
42101-Carbon monoxide																			1	1113	8-HR RUN AVG		0	Parts per million											
2006																			0	50	4344	0	0	.3	10	25	50	75	90	95	98	99	1	2	.77
																								.3	.4	.7	1.0	1.4	1.7	2.3	2.5	3.0	3.0		
42602-Nitrogen dioxide (NO2)																			1	1113	INSTRUMENTAL		CHEMILUMINESCENCE		1	1 HOUR		0	Parts per billion						
2006																			0	98	8578			.0	10	25	50	75	90	95	98	99	1	2	21.97
																								6.0	10.0	19.0	33.0	42.0	46.0	50.0	54.0	79.0	71.0		
44201-Ozone																			1	1113	8-HR RUN AVG		1	Parts per million											
2006																			0	99	8674	6	6	.005	10	25	50	75	90	95	98	99	1	2	.0565
																								.048	.052	.059	.064	.071	.074	.080	.083	.087	.083		
44201-Ozone																			1	1113	8-HR RUN AVG		2	Parts per million											
2006																			0	99	8708	8	8	.005	10	25	50	75	90	95	98	99	1	2	.0570
																								.049	.052	.059	.065	.072	.077	.082	.083	.087	.083		
44201-Ozone																			1	1113	8-HR RUN AVG		5	Parts per million											
2006																			0	99	8708	8	8	.005	10	25	50	75	90	95	98	99	1	2	.0570
																								.049	.052	.059	.065	.072	.077	.082	.083	.087	.083		
81102-PM10 Total 0-10um STP																			1	1113	R - P Co Partisol		Gravimetric		4	24 HOUR		1	Micrograms/cubic meter (25 C)						
2006																			0	98	356	0	0	2	10	25	50	75	90	95	98	99	1	2	23.3
																								9	14	21	29	40	49	69	78	88	81		



FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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				
81102-PM10 Total 10um STP	0-	1		1113				R - P Co Partisol Model 2025	Gravimetric										4	24 HOUR	2	Micrograms/cubic meter (25 C)	
2006	1	98	357	0	0	2	10	25	50	75	90	95	98	99		1	2	23.5					
							9	14	21	29	41	49	71	79		88	82						
81102-PM10 Total 10um STP	0-	1		1113				R - P Co Partisol Model 2025	Gravimetric										4	24 HOUR	5	Micrograms/cubic meter (25 C)	
2006	1	98	357	0	0	2	10	25	50	75	90	95	98	99		1	2	23.5					
							9	14	21	29	41	49	71	79		88	82						
88101-PM2.5 - Local Conditions		1		1113				R & P Model 2025 PM2.5 Sequential w/WINS	GRAVIMETRIC										2	24 HOUR	0	Micrograms/cubic meter (LC)	
								R & P Model 2025 PM-2.5 Sequential Air Sampler w/VSCC	Gravimetric										2				
2006	0	98	356	10	10	1.0	10	25	50	75	90	95	98	99		1	2	9.66					
							3.9	5.4	7.6	10.8	17.2	25.9	37.6	41.3		49.3	48.6						

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-035-3007  
 County: Salt Lake  
 City: West Valley  
 Support Agency: 1113  
 Address: 3275 W 3100 S, WEST VALLEY CITY, UTAH

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

Latitude: +40.704444  
 Longitude: -111.968611  
 UTM Zone: 12  
 Utm Northing: 4506194  
 Utm Easting: 418164  
 Vertical Meas: 1,295.0

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														8-HR RUN AVG	0	Parts per million						
2006	0	41	3596	0	0	.3	10	25	50	75	90	95	98	99	99	2.4	3.2	3.2	2	.66					
44201-Ozone			1														8-HR RUN AVG	0	Parts per million						
2006	0	99	3650	10	10	.029	10	25	50	75	90	95	98	99	.081	.083	.081	2	.0577						
88101-PM2.5 - Local Conditions			1														24 HOUR	0	Micrograms/cubic meter (LC)						
2006	0	95	116	3	3	1.6	10	25	50	75	90	95	98	99	3.4	5.3	9.0	12.4	20.5	29.4	38.5	46.6	47.0	46.6	10.59
88101-PM2.5 - Local Conditions			2														24 HOUR	0	Micrograms/cubic meter (LC)						
2006	0	98	60	1	1	1.9	10	25	50	75	90	95	98	99	3.3	5.4	8.9	12.0	18.0	23.0	27.7	46.1	46.1	27.7	10.02

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-035-3008  
 County: Salt Lake  
 City: Not in a city  
 Support Agency: 1113  
 Address: 12950 S. 5600 WEST, HERRIMAN, UTAH

AQCR: WASATCH FRONT  
 Urban Area: SALT LAKE CITY, UT  
 Location Setting: RURAL  
 Land Use: AGRICULTURAL

Latitude: +40.517946  
 Longitude: -112.023051  
 UTM Zone: 12  
 Utm Northing: 4485530  
 Utm Easting: 413333  
 Vertical Meas: 1,405.0

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	
			1			1113									8-HR RUN AVG BEGIN HOUR	1	Parts per million	
2006	0	99	3596	8	8	.034	10	25	50	75	90	95	98	99		1	2	.0585
							.045	.052	.060	.066	.071	.076	.078	.081			.082	.081
			1			1113									8-HR RUN AVG BEGIN HOUR	2	Parts per million	
2006	0	99	3654	11	11	.034	10	25	50	75	90	95	98	99		1	2	.0591
							.045	.052	.060	.066	.072	.078	.082	.086			.087	.086
			1			1113									8-HR RUN AVG BEGIN HOUR	5	Parts per million	
2006	0	99	3654	11	11	.034	10	25	50	75	90	95	98	99		1	2	.0591
							.045	.052	.060	.066	.072	.078	.082	.086			.087	.086
88101-PM2.5 - Local Conditions			1			1113	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				
2006	0	94	115	0	0	.1	10	25	50	75	90	95	98	99		1	2	7.36
							2.6	3.7	6.0	9.6	12.7	20.4	22.0	26.3			29.4	26.3

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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														8-HR RUN AVG	0	Parts per million			
																	BEGIN HOUR					
2006	0	99	3643	8	8	.033	10	25	50	75	90	95	98	99				1	2	.0570		
																			.083	.081		
88101-PM2.5 - Local Conditions			1						R & P Model 2000	GRAVIMETRIC							24 HOUR	0	Micrograms/cubic meter (LC)			
									PM2.5 Sampler w/WINS													
									R & P Model 2000	Gravimetric												
									PM-2.5 Air Sampler w/VSCC													
2006	0	90	110	0	0	.2	10	25	50	75	90	95	98	99				1	2	6.58		
																			32.1	24.0		

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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:

Year	Exc Evt	POC		PQAO		Min Obs	Method of Collection and Analysis								MDL	Duration	EDT	Unit Desc	
		%Obs	#Obs	#Pri	#Sec		Percentages											Maximum Values	Arith Mean
		1		1113											8-HR RUN AVG END HOUR	0	Parts per million		
2006	0	41	3598	0	0	.3	10	25	50	75	90	95	98	99		1	2	.71	
							.3	.4	.6	.9	1.2	1.4	1.7	1.9			2.4	2.1	
		1		1113			INSTRUMENTAL		CHEMILUMINESCENCE			1		1 HOUR	0	Parts per billion			
2006	0	85	7404			.0	10	25	50	75	90	95	98	99		1	2	20.30	
							5.0	9.0	18.0	31.0	40.0	44.0	48.0	50.0		139.0	61.0		
		2		1113										8-HR RUN AVG BEGIN HOUR	0	Parts per million			
2006	0	89	3297	2	2	.037	10	25	50	75	90	95	98	99		1	2	.0578	
							.046	.051	.058	.065	.071	.073	.075	.078		.080	.078		
81102-PM10 Total 0-10um STP		2		1113			R&P Model 2000 Partisol		GRAVIMETRIC			4		24 HOUR	1	Micrograms/cubic meter (25 C)			
2006	0	98	119	0	0	2	10	25	50	75	90	95	98	99		1	2	21.4	
							9	12	21	28	36	41	51	57		71	57		
81102-PM10 Total 0-10um STP		2		1113			R&P Model 2000 Partisol		GRAVIMETRIC			4		24 HOUR	2	Micrograms/cubic meter (25 C)			
2006	1	98	120	0	0	2	10	25	50	75	90	95	98	99		1	2	22.2	
							9	12	21	29	37	42	57	71		123	71		
81102-PM10 Total 0-10um STP		2		1113			R&P Model 2000 Partisol		GRAVIMETRIC			4		24 HOUR	5	Micrograms/cubic meter (25 C)			
2006	1	98	120	0	0	2	10	25	50	75	90	95	98	99		1	2	22.2	
							9	12	21	29	37	42	57	71		123	71		

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-049-0002  
 County: Utah  
 City: Provo  
 Support Agency: 1113  
 Address: 1355 NORTH 200 WEST PROVO UT

AQCR: WASATCH FRONT  
 Urban Area: PROVO-OREM, UT  
 Location Setting: URBAN AND CENTER CITY  
 Land Use: COMMERCIAL

Latitude: +40.253611  
 Longitude: -111.663056  
 UTM Zone: 12  
 Utm Northing: 4455894  
 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	
88101-PM2.5 - Local Conditions		1			1113		R & P Model 2000 PM-2.5 Air Sampler w/VSCC						Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)	
2006	0	98	119	1	1	.8	10	25	50	75	90	95	98	99		1	2	9.21
							3.9	5.8	7.7	10.6	16.1	22.6	25.6	27.8		43.9	27.8	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-049-0005  
 County: Utah  
 City: Provo  
 Support Agency: 1113  
 Address: 363 N. UNIVERSITY AVE., PROVO, UTAH

AQCR: WASATCH FRONT  
 Urban Area: PROVO-OREM, UT  
 Location Setting: URBAN AND CENTER CITY  
 Land Use: COMMERCIAL

Latitude: +40.240278  
 Longitude: -111.658889  
 UTM Zone: 12  
 Utm Northing: 4454413  
 Utm Easting: 443953  
 Vertical Meas: 1,390.0

Site Comments: MICROSCALE SITE TO REPLACE U2 SITE (49-049-0004):

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				
2006	0	41	3606	0	0	.3	10	25	50	75	90	95	98	99		1	2	.66
								.3	.3	.5	.8	1.2	1.5	1.8	2.3		3.7	3.2

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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:

Year	Exc Evt	POC %Obs	#Obs	PQAO #Pri	#Sec	Min Obs	Method of Collection and Analysis Percentages								MDL	Duration	EDT	Unit Desc	
																		Maximum Values	Arith Mean
81102-PM10 Total	0-	2		1113			R&P Model 2000 GRAVIMETRIC								4	24 HOUR	1	Micrograms/cubic meter (25 C)	
2006	0	97	353	0	0	2	10	25	50	75	90	95	98	99	1	2	24.4		
							7	13	22	32	44	55	62	70	90	89			
81102-PM10 Total	0-	2		1113			R&P Model 2000 GRAVIMETRIC								4	24 HOUR	2	Micrograms/cubic meter (25 C)	
2006	1	97	354	0	0	2	10	25	50	75	90	95	98	99	1	2	24.6		
							8	13	22	33	44	55	64	78	116	90			
81102-PM10 Total	0-	2		1113			R&P Model 2000 GRAVIMETRIC								4	24 HOUR	5	Micrograms/cubic meter (25 C)	
2006	1	97	354	0	0	2	10	25	50	75	90	95	98	99	1	2	24.6		
							8	13	22	33	44	55	64	78	116	90			
88101-PM2.5 - Local	1			1113			R & P Model 2025 Gravimetric								2	24 HOUR	0	Micrograms/cubic meter (LC)	
2006	0	97	354	5	5	.0	10	25	50	75	90	95	98	99	1	2	9.31		
							3.6	5.2	7.5	11.0	17.3	23.4	32.0	37.4	48.8	39.1			



FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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	
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)		
							R & P Model 2025 PM2.5 Sequential w/WINS							2					
2006	0	95	58	0	0	2.0	10	25	50	75	90	95	98	99		1	2	9.61	
							3.5	5.7	8.5	11.0	17.9	28.0	28.2	33.9		33.9	28.2		

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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	Percentages								Maximum	Values	Arith Mean
						Obs											
			44201-Ozone	1		1113								8-HR RUN AVG	0		Parts per million
														BEGIN HOUR			
2006	0	96	3544	5	5	.031	10	25	50	75	90	95	98	99	1	2	.0564
							.042	.049	.057	.063	.071	.073	.078	.078		.081	.078
88101-PM2.5 - Local Conditions			1		1113		R & P Model 2025		GRAVIMETRIC			2	24 HOUR	0		Micrograms/cubic meter (LC)	
							PM2.5 Sequential w/WINS										
							R & P Model 2025		Gravimetric			2					
							PM-2.5 Sequential Air Sampler w/VSCC										
2006	0	98	119	1	1	1.5	10	25	50	75	90	95	98	99	1	2	8.52
							2.9	4.1	6.6	9.9	16.6	22.3	23.9	24.5		48.0	24.5

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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														8-HR RUN AVG	0	Parts per million					
																	BEGIN HOUR							
2006	0	99	3660	7	7	.035	10	25	50	75	90	95	98	99				1	2	.0591				
																			.082	.081				
88101-PM2.5 - Local Conditions			1														R & P Model 2025		Gravimetric	2	24 HOUR	0	Micrograms/cubic meter (LC)	
																	PM-2.5 Sequential		Air Sampler					
																	w/VSCC							
2006	0	87	106	1	1	1.5	10	25	50	75	90	95	98	99				1	2	7.74				
																			38.8	22.9				

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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		
42602-Nitrogen dioxide (NO2)	1			1113					INSTRUMENTAL CHEMILUMINESCENCE							1	1 HOUR	0	Parts per billion
2006	0	80	7014				.0	10	25	50	75	90	95	98	99	1	2	21.01	
								5.0	8.0	17.0	33.0	43.0	48.0	52.0	55.0		82.0	73.0	
81102-PM10 Total 0-10um STP	1			1113					R&P Model 2000 GRAVIMETRIC							4	24 HOUR	1	Micrograms/cubic meter (25 C)
								R - P Co Partisol Model 2025 Gravimetric							4				
2006	0	91	332	0	0		2	10	25	50	75	90	95	98	99	1	2	25.1	
								9	14	23	33	46	53	60	63		74	67	
81102-PM10 Total 0-10um STP	1			1113					R - P Co Partisol Model 2025 GRAVIMETRIC							4	24 HOUR	2	Micrograms/cubic meter (25 C)
								R&P Model 2000 GRAVIMETRIC							4				
2006	1	91	333	0	0		2	10	25	50	75	90	95	98	99	1	2	25.2	
								9	14	23	33	46	55	60	63		74	67	
81102-PM10 Total 0-10um STP	1			1113					R&P Model 2000 GRAVIMETRIC							4	24 HOUR	5	Micrograms/cubic meter (25 C)
								R - P Co Partisol Model 2025 Gravimetric							4				
2006	1	91	333	0	0		2	10	25	50	75	90	95	98	99	1	2	25.2	
								9	14	23	33	46	55	60	63		74	67	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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 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					
2006	0	98	120	1	1	1.7	10	25	50	75	90	95	98	99		1	2	9.78	
							4.0	6.3	8.6	11.5	16.0	23.4	25.8	30.0			47.6	30.0	

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

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
42101-Carbon monoxide			1		1113											8-HR RUN AVG	0	Parts per million				
2006	0		100	8727	0	0	.3	10	25	50	75	90	95	98	99	END HOUR		1	2	.73		
								.3	.4	.6	.9	1.3	1.6	1.9	2.1			5.5	2.9			

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-057-0007  
 County: Weber  
 City: Washington Terrace  
 Support Agency: 1113  
 Address: 4601 S. 300 W., WASHINGTON TERRACE, UTAH

AQCR: WASATCH FRONT  
 Urban Area: OGDEN, UT  
 Location Setting: SUBURBAN  
 Land Use: RESIDENTIAL

Latitude: +41.179722  
 Longitude: -111.983056  
 UTM Zone: 12  
 Utm Northing: 4558941  
 Utm Easting: 417544  
 Vertical Meas: 1,379.0

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	1	Parts per million				
2006	0	99	3569	10	10	.028	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0587			
							.041	.051	.060	.066	.072	.077	.080	.084				.084	.084	.084			
44201-Ozone	1			1113													8-HR RUN AVG	2	Parts per million				
2006	0	99	3634	13	13	.028	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0593			
							.043	.053	.060	.067	.073	.079	.083	.084				.091	.084				
44201-Ozone	1			1113													8-HR RUN AVG	5	Parts per million				
2006	0	99	3634	13	13	.028	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0593			
							.043	.053	.060	.067	.073	.079	.083	.084				.091	.084				
88101-PM2.5 - Local Conditions	1			1113													R & P Model 2000	0	Micrograms/cubic meter (LC)				
																	PM2.5 Sampler w/WINS						
																	R & P Model 2000	2	Gravimetric				
																	PM-2.5 Air Sampler w/VSCC						
2006	0	96	117	1	1	1.4	10	25	50	75	90	95	98	99				1	2	8.16			
							2.9	4.8	6.8	9.5	14.7	20.6	23.5	31.0				40.1	31.0				
88101-PM2.5 - Local Conditions	2			1113													R & P Model 2000	0	Micrograms/cubic meter (LC)				
																	PM2.5 Sampler w/WINS						
2006	0	92	58	0	0	2.4	10	25	50	75	90	95	98	99				1	2	7.66			
							3.6	4.6	7.4	9.6	14.0	15.5	21.9	22.2				22.2	21.9				

FREQUENCY DISTRIBUTION REPORT

Aug. 25, 2011

Utah

Site ID: 49-057-1003  
 County: Weber  
 City: Not in a city  
 Support Agency: 1113  
 Address: 425 W 2550 NORTH, OGDEN, UTAH

AQCR: WASATCH FRONT  
 Urban Area: OGDEN, UT  
 Location Setting: RURAL  
 Land Use: RESIDENTIAL

Latitude: +41.303683  
 Longitude: -111.987067  
 UTM Zone: 12  
 Utm Northing: 4572719  
 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	1	Parts per million			
2006	0	90	3291	4	4	.037	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0595		
							.049	.054	.059	.066	.070	.073	.077	.083				.083	.083			
44201-Ozone			1														8-HR RUN AVG	2	Parts per million			
2006	0	90	3325	6	6	.037	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0601		
							.049	.055	.059	.066	.071	.075	.083	.084				.084	.084			
44201-Ozone			1														8-HR RUN AVG	5	Parts per million			
2006	0	90	3325	6	6	.037	10	25	50	75	90	95	98	99			BEGIN HOUR	1	2	.0601		
							.049	.055	.059	.066	.071	.075	.083	.084				.084	.084			
88101-PM2.5 - Local Conditions			1														R & P Model 2000	0	Micrograms/cubic meter (LC)			
																	Gravimetric	2	24 HOUR			
2006	0	95	116	2	2	1.2	10	25	50	75	90	95	98	99				1	2	8.17		
							2.7	4.0	6.8	9.8	15.3	21.9	28.6	41.4				42.7	41.4			