

User ID: HPI

QUICKLOOK CRITERIA PARAMETERS

Report Request ID: 1640976

Report Code: AMP450

Apr. 4, 2018

GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	49			88101							

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
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QUICK LOOK

SELECTED OPTIONS

Option Type	Option Value
EVENTS PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS
MERGE PDF FILES	YES
AGENCY ROLE	PQAO
WORKFILE DELIMITER	,

SORT ORDER

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

DATE CRITERIA

Start Date	End Date
2017	2017

APPLICABLE STANDARDS

Standard Description
CO 1-hour 1971
CO 8-hour 1971
Lead 3-Month 2009
Lead 3-Month PM10 Surrogate 2009
NO2 1-hour
NO2 Annual 1971
Ozone 1-hour Daily 2005
Ozone 8-Hour 2008
PM10 24-hour 2006
PM25 24-hour 2012
PM25 Annual 2012
SO2 1-hour 2010
SO2 24-hour 1971
SO2 3-hour 1971
SO2 Annual 1971

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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EXCEPTIONAL DATA TYPES

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

Note: The \* indicates that the mean does not satisfy summary criteria.

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PM2.5 - Local Conditions (88101)

Utah

Micrograms/cubic meter (LC) (105)

24-HOUR

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	NUM	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
								CRED					PERCENTILE VALUE	ARITH MEAN	and EVAL	
49-003-0003	1	1113	Brigham City	Box Elder	140 W.FISHBURN DRIVE, BRIGHAM CITY, UT	2017	145	326	60.1	53.2	45.2	44.3	36.6	7.88	S	5
49-003-0003	3	1113	Brigham City	Box Elder	140 W.FISHBURN DRIVE, BRIGHAM CITY, UT	2017	184	318	44.0	36.2	29.1	27.3	25.8	7.20*	S	5
49-005-0007	2	1113	Smithfield	Cache	675 West 220 North	2017	145	47	47.2	38.2	35.2	34.4	47.2	6.05*	S	5
49-005-0007	3	1113	Smithfield	Cache	675 West 220 North	2017	182	300	83.3	66.2	62.5	58.4	39.3	7.33*	S	0
49-005-0007	4	1113	Smithfield	Cache	675 West 220 North	2017	184	29	86.1	68.5	66.0	60.5	86.1	10.67	S	5
49-011-0004	1	1113	Bountiful	Davis	171 WEST 1370 NORTH, BOUNTIFUL, UTAH	2017	145	348	45.2	43.7	43.2	39.8	36.0	8.71	S	5
49-011-0004	3	1113	Bountiful	Davis	171 WEST 1370 NORTH, BOUNTIFUL, UTAH	2017	184	276	43.4	39.3	36.4	35.5	35.2	9.14*	S	5
49-013-0002	3	1113	Roosevelt	Duchesne	290 S. 1000 W.	2017	184	361	40.6	33.9	32.3	31.8	28.2	6.21	S	0
49-035-1001	1	1113	Magna	Salt Lake	2935 SOUTH 8560 WEST MAGNA,UTAH	2017	145	351	37.1	36.9	34.2	32.6	30.1	7.41	S	5
49-035-3006	1	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2017	145	352	62.5	51.2	45.5	45.2	38.5	8.56	S	5

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24-HOUR

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	NUM CRED DAYS	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
													PERCENTILE VALUE	ARITH MEAN	and EVAL	
49-035-3006	4	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2017	184	364	56.8	46.8	43.6	41.9	35.7	8.16	S	0
49-035-3006	5	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2017	182	349	59.0	49.3	42.0	40.5	36.7	8.01	S	0
49-035-3010	1	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2017	145	322	51.4	47.1	40.8	40.5	38.5	9.10	S	5
49-035-3010	2	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2017	145	59	51.5	40.9	40.5	39.6	40.9	9.34	S	5
49-035-3010	3	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2017	182	320	40.0	40.0	36.8	36.2	31.2	7.14*	S	5
49-035-3010	4	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2017	184	16	32.4	30.1	27.7	24.9	32.4	13.06*	S	0
49-035-3013	3	1113	Herriman	Salt Lake	14058 Mirabella Dr.	2017	182	346	46.4	39.4	34.9	32.3	28.2	5.67	S	0
49-045-0004	1	1113	Erda	Tooele	2163 W. Erda Way	2017	145	362	38.0	32.8	32.5	31.2	28.8	6.85	S	5
49-045-0004	3	1113	Erda	Tooele	2163 W. Erda Way	2017	184	326	43.4	30.5	28.9	26.4	20.9	6.49*	S	5
49-047-1004	4	1113	Vernal	Uintah	628 North 1700 West	2017	184	365	26.1	23.8	23.7	22.7	20.6	5.66	S	0
49-049-0002	1	1113	Provo	Utah	1355 NORTH 200 WEST PROVO UT	2017	145	353	60.4	59.6	45.5	32.4	28.1	8.03	S	0
49-049-0002	3	1113	Provo	Utah	1355 NORTH 200 WEST PROVO UT	2017	182	363	57.1	47.8	38.0	26.2	21.9	4.96	S	0
49-049-4001	1	1113	Lindon	Utah	30 NORTH MAIN STREET,	2017	145	352	63.0	62.5	53.4	46.6	27.6	8.40	S	5

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PM2.5 - Local Conditions (88101)

Utah

Micrograms/cubic meter (LC) (105)

24-HOUR

SITE ID	P O C	PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	NUM	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT	
								CRED					PERCENTILE VALUE	ARITH MEAN	and EVAL		
					LINDON, UTAH												
49-049-4001	2	1113	Lindon	Utah	30 NORTH MAIN STREET, LINDON, UTAH	2017	145	60	61.0	60.7	51.2	35.6	60.7	8.30	S	0	
49-049-4001	3	1113	Lindon	Utah	30 NORTH MAIN STREET, LINDON, UTAH	2017	182	243	48.2	39.9	37.6	35.0	28.8	6.41*	S	5	
49-049-4001	5	1113	Lindon	Utah	30 NORTH MAIN STREET, LINDON, UTAH	2017	184	52	18.6	15.7	12.3	12.2	15.7	6.45*	S	0	
49-049-5010	1	1113	Spanish Fork	Utah	312 W. 2050 NORTH, SPANISH FORK, UTAH	2017	145	335	75.3	63.7	48.0	33.9	27.6	7.26	S	0	
49-053-0007	3	1113	Hurricane	Washington	147 N 870 W, Hurricane, Utah	2017	184	335	34.0	27.7	22.5	18.5	13.5	4.93*	S	0	
49-057-0002	1	1113	Ogden	Weber	228 32ND STREET, OGDEN, UTAH	2017	145	350	58.4	51.9	48.4	45.8	39.0	9.00	S	5	
49-057-0002	3	1113	Ogden	Weber	228 32ND STREET, OGDEN, UTAH	2017	182	238	77.3	38.7	27.1	26.8	25.3	6.38*	S	5	
49-057-0002	5	1113	Ogden	Weber	228 32ND STREET, OGDEN, UTAH	2017	184	33	54.8	40.9	38.2	37.9	54.8	11.79*	S	0	

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Lead (TSP) LC

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Note: These reported values do not reflect the combination of 14129 and 85129 and validation substitution tests utilized for Design Value Calculations

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AIR QUALITY SYSTEM  
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METHODS USED IN THIS REPORT

PARAMETER	METHOD CODE	COLLECTION METHOD	ANALYSIS METHOD
88101	145	R & P Model 2025 PM-2.5 Sequential Air Sample	Gravimetric
88101	182	Thermo Scientific TEOM 1405-DF Dichotomous FD	FDMS Gravimetric
88101	184	Thermo Scientific Model 5030 SHARP w/VSCC	Beta Attenuation

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PQAOS USED IN THIS REPORT

PQAO	AGENCY DESCRIPTION
1113	Utah Department Of Environmental Quality

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CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

FLAG	MEANING
M	The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.
N	The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report.
S	The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag.
U	Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor.
X	Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value
Y	The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).

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