

User ID: HPI

QUICKLOOK CRITERIA PARAMETERS

Report Request ID: 1545304

Report Code: AMP450

Apr. 18, 2017

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

QUICK LOOK

SELECTED OPTIONS

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

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
2016	2016

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 2015
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  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450)

Apr. 18, 2017

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.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 QUICK LOOK REPORT (AMP450)

Apr. 18, 2017

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 CRED DAYS	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
													PERCENTILE VALUE	ARITH MEAN	and EVAL	
49-003-0003	1	1113	Brigham City	Box Elder	140 W.FISHBURN DRIVE, BRIGHAM CITY, UT	2016	145	161	43.3	42.3	37.8	35.7	35.7	7.13*	S	0
49-003-0003	3	1113	Brigham City	Box Elder	140 W.FISHBURN DRIVE, BRIGHAM CITY, UT	2016	184	169	27.7	22.5	20.9	19.7	19.7	7.76*	S	0
49-005-0007	1	1113	Smithfield	Cache	675 West 220 North	2016	145	331	46.8	44.3	40.6	39.5	36.4	7.44	S	0
49-005-0007	2	1113	Smithfield	Cache	675 West 220 North	2016	145	30	16.6	13.5	12.0	10.2	16.6	5.27*		0
49-005-0007	3	1113	Smithfield	Cache	675 West 220 North	2016	182	20	37.7	35.1	34.0	33.8	37.7	8.99*		0
49-005-0007	4	1113	Smithfield	Cache	675 West 220 North	2016	184	28	46.1	31.2	20.3	19.0	46.1	6.39*		0
49-011-0004	1	1113	Bountiful	Davis	171 WEST 1370 NORTH, BOUNTIFUL, UTAH	2016	145	188	51.8	48.9	45.7	37.5	37.5	8.00	S	0
49-011-0004	3	1113	Bountiful	Davis	171 WEST 1370 NORTH, BOUNTIFUL, UTAH	2016	184	359	44.7	44.1	43.6	34.7	24.7	8.04		0
49-013-0002	3	1113	Roosevelt	Duchesne	290 S. 1000 W.	2016	184	332	30.0	28.7	25.5	25.4	23.4	5.94	S	0
49-035-1001	1	1113	Magna	Salt Lake	2935 SOUTH 8560 WEST MAGNA, UTAH	2016	145	182	50.4	35.7	34.3	30.7	30.7	7.15	S	0
49-035-3006	1	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST,	2016	145	350	59.1	58.9	53.4	52.4	42.0	8.15	S	0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 QUICK LOOK REPORT (AMP450)

Apr. 18, 2017

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 CRED DAYS	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
													PERCENTILE VALUE	ARITH MEAN	and EVAL	
					SALT LAKE CITY											
49-035-3006	4	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2016	184	353	59.3	56.2	53.1	47.0	34.4	8.08		0
49-035-3006	5	1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2016	182	364	57.8	56.9	53.1	48.5	38.4	7.94		0
49-035-3010	1	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2016	145	322	64.8	57.0	54.1	53.3	43.2	9.45	S	0
49-035-3010	2	1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2016	145	32	38.5	26.6	22.4	21.4	38.5	8.32*	S	0
49-035-3013	3	1113	Herriman	Salt Lake	14058 Mirabella Dr.	2016	182	308	47.8	45.4	44.0	41.6	24.9	4.62*		0
49-045-0004	1	1113	Erda	Tooele	2163 W. Erda Way	2016	145	171	43.3	38.2	32.7	30.9	30.9	6.86*		0
49-045-0004	3	1113	Erda	Tooele	2163 W. Erda Way	2016	184	325	34.9	24.8	20.4	17.1	13.0	4.94*		0
49-047-1004	4	1113	Vernal	Uintah	628 North 1700 West	2016	184	266	29.9	29.6	28.7	26.8	24.9	5.75*		0
49-049-0002	1	1113	Provo	Utah	1355 NORTH 200 WEST PROVO UT	2016	145	342	67.2	53.0	51.8	49.8	39.2	8.30	S	0
49-049-0002	3	1113	Provo	Utah	1355 NORTH 200 WEST PROVO UT	2016	000	255	52.6	45.6	40.6	40.6	35.8	6.29*		0
49-049-4001	1	1113	Lindon	Utah	30 NORTH MAIN STREET, LINDON, UTAH	2016	145	274	41.0	35.3	33.0	32.5	27.7	8.35*	S	0
49-049-4001	2	1113	Lindon	Utah	30 NORTH MAIN	2016	145	31	19.5	17.2	16.5	16.5	19.5	6.99*	S	0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 QUICK LOOK REPORT (AMP450)

Apr. 18, 2017

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 CRED DAYS	1ST MAX	2ND MAX	3RD MAX	4TH MAX	98TH	WTD	CERT	EDT
													PERCENTILE VALUE	ARITH MEAN	and EVAL	
49-049-4001	3	1113	Lindon	Utah	STREET, LINDON, UTAH 30 NORTH MAIN	2016	182	254	52.8	41.0	38.1	36.8	36.3	6.17*	S	0
49-049-5010	1	1113	Spanish Fork	Utah	STREET, LINDON, UTAH 312 W. 2050	2016	145	179	41.2	41.0	32.9	29.2	29.2	7.40*	S	0
49-053-0007	1	1113	Hurricane	Washington	NORTH, SPANISH FORK, UTAH 147 N 870 W,	2016	145	116	9.4	9.4	8.4	8.3	8.4	3.88	S	0
49-053-0007	3	1113	Hurricane	Washington	Hurricane, Utah 147 N 870 W,	2016	184	294	20.3	17.6	15.9	15.8	14.1	5.26*	S	0
49-057-0002	1	1113	Ogden	Weber	Utah 228 32ND	2016	145	316	49.2	46.2	45.1	42.8	39.0	9.18	S	0
49-057-0002	3	1113	Ogden	Weber	STREET, OGDEN, UTAH 228 32ND	2016	182	172	14.6	13.8	13.2	11.6	11.6	5.05*	S	0
					STREET, OGDEN, UTAH											

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450)  
Lead (TSP) LC

Apr. 18, 2017

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450 END)

Apr. 18, 2017

METHODS USED IN THIS REPORT

PARAMETER	METHOD CODE	COLLECTION METHOD	ANALYSIS METHOD
88101	000	MULTIPLE METHODS	MULTIPLE METHODS
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

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450 END)

Apr. 18, 2017

PQAOS USED IN THIS REPORT

PQAO	AGENCY DESCRIPTION
1113	Utah Department Of Environmental Quality

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
QUICK LOOK REPORT (AMP450 END)

Apr. 18, 2017

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).

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