UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: HPI QUICKLOOK CRITERIA PARAMETERS

Report Code: Apr. 26, 2016 Report Request ID: 1439527 AMP450

GEOGRAPHIC SELECTIONS

Tribal EPA

Code State County Site Parameter POC City AQCR UAR CBSA CSA Region

> 49 88101

PROTOCOL SELECTIONS

Parameter

Parameter Method Duration Classification

QUICK LOOK

SELECTED OPTI	ONS		SORT ORDER
Option Type	Option Value	Order	Column
WORKFILE DELIMITER	,	1	PARAMETER_CODE
MERGE PDF FILES	YES	2	STATE_CODE
EVENTS PROCESSING AGENCY ROLE	EXCLUDE REGIONALLY CONCURRED EVENTS POAO	3	COUNTY_CODE
AGENCI KOLE	PQAO	4	SITE_ID
		5	POC
		6	DATES
		7	EDT ID

DATE CRITERIA Start Date End Date 2015 2015

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 2013

PM25 Annual 2013

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)

EXCEPTIONAL DATA TYPES

Apr. 26, 2016

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

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

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

Apr. 26, 2016

PM2.5 - Local Conditions (88101)

Utah

Micrograms/cubic meter (LC) (105)

0.4 110110														
24-HOUR	P						NUM					98TH	WTD	CERT
	0						CRED	1ST	2ND	3RD	4TH	PERCENTILE	ARITH	
SITE ID	C PQA	CITY	COUNTY	ADDRESS	YEAR	METH	DAYS	MAX	MAX	MAX	MAX	VALUE	MEAN	EVAL EDT
49-003-0003	1 1113	Brigham City	Box Elder	140 W.FISHBURN DRIVE, BRIGHAM CITY, UT	2015	145	115	43.4	33.5	32.2	29.4	32.2	6.48	0
49-005-0004	1 1113	Logan	Cache	125 W. CENTER STREET, LOGAN, UT	2015	145	359	59.3	45.2	40.4	35.0	29.0	7.32	0
49-005-0004	2 1113	Logan	Cache	125 W. CENTER STREET, LOGAN, UT	2015	145	25	59.6	26.1	17.3	11.4	59.6	8.43	0
49-005-0007	1 1113	Smithfield	Cache	675 West 220 North	2015	145	307	66.7	42.8	37.9	34.8	28.9	5.48*	0
49-005-0007	2 1113	Smithfield	Cache	675 West 220 North	2015	145	22	66.5	7.7	7.3	6.7	66.5	5.72*	0
49-011-0004	1 1113	Bountiful	Davis	171 WEST 1370 NORTH, BOUNTIFUL, UTAH	2015	145	105	34.7	31.4	20.2	19.4	20.2	6.08*	0
49-011-0004	3 1113	Bountiful	Davis	171 WEST 1370 NORTH, BOUNTIFUL, UTAH	2015	184	241	45.1	41.4	37.6	34.3	29.2	6.53*	0
49-013-0002	3 1113	Roosevelt	Duchesne	290 S. 1000 W.	2015	184	344	46.7	29.8	28.9	24.6	21.2	6.03	0
49-035-1001	1 1113	Magna	Salt Lake	2935 SOUTH 8560 WEST MAGNA,UTAH	2015	145	115	59.6	29.5	22.9	22.7	22.9	6.91	0
49-035-3006	1 1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2015	145	358	52.6	48.6	47.3	43.5	29.3	7.38	0

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Apr. 26, 2016

PM2.5 - Local Conditions (88101)

Utah

Micrograms/cubic meter (LC) (105)

24-HOUR

	P						NUM					98TH	WTD	CERT
	0						CRED	1ST	2ND	3RD	4TH	PERCENTILE	ARITH	and
SITE ID	C PQAO	CITY	COUNTY	ADDRESS	YEAR	METH	DAYS	MAX	MAX	MAX	MAX	VALUE	MEAN	EVAL EDT
49-035-3006	4 1113	Salt Lake City	Salt Lake	1675 SOUTH 600 EAST, SALT LAKE CITY	2015	184	363	51.1	44.1	43.1	37.9	28.8	7.41	0
49-035-3010	1 1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2015	145	358	56.4	53.4	52.6	50.6	33.4	8.62	0
49-035-3010	2 1113	Salt Lake City	Salt Lake	1250 NORTH 1400 WEST	2015	145	23	34.2	20.7	12.1	10.3	34.2	7.54*	0
49-047-1004	4 1113	Vernal	Uintah	628 North 1700 West	2015	184	91	21.1	18.9	18.1	17.6	18.9	5.74*	0
49-049-0002	1 1113	Provo	Utah	1355 NORTH 200 WEST PROVO UT	2015	145	323	38.6	35.2	29.7	27.8	25.8	7.09*	0
49-049-4001	1 1113	Lindon	Utah	30 NORTH MAIN STREET, LINDON, UTAH	2015	145	336	39.3	32.4	31.0	30.4	27.3	7.28	0
49-049-4001	2 1113	Lindon	Utah	30 NORTH MAIN STREET, LINDON, UTAH	2015	145	23	16.2	15.5	9.2	9.2	16.2	5.61*	0
49-049-5010	1 1113	Spanish Fork	Utah	312 W. 2050 NORTH, SPANISH FORK, UTAH	2015	145	115	37.5	31.4	28.1	26.5	28.1	6.22	0
49-053-0007	1 1113	Hurricane	Washington	147 N 870 W, Hurrricane, Utah	2015	145	94	18.6	15.0	9.6	9.1	15.0	3.79*	0
49-053-0007	3 1113	Hurricane	Washington	147 N 870 W, Hurrricane, Utah	2015	184	365	17.7	15.1	15.0	13.7	10.8	4.59	0
49-057-0002	1 1113	Ogden	Weber	228 32ND STREET, OGDEN, UTAH	2015	145	281	44.5	42.9	36.1	32.9	28.0	7.08*	0

Note: The $\mbox{\scriptsize *}$ 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. 26, 2016

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. 26, 2016

METHODS USED IN THIS REPORT

	METHOD		
PARAMETER	CODE	COLLECTION METHOD	ANALYSIS METHOD
88101	145	R & P Model 2025 PM-2.5 Sequential Air Sample:	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)

PQAOS USED IN THIS REPORT

PQAO	AGENCY DESCRIPTION	
1113	Utah Department Of Environmental Quality	

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

Apr. 26, 2016

CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

LAG	MEANING
I	The monitoring organization has revised data from this monitor since the
	most recent certification letter received from the state.
	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.
;	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.
J	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.
	Certification is not required by 40 CFR 58.15 and no conditions apply to be
	the basis for assigning another flag value
	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 \ast indicates that the mean does not satisfy summary criteria.