

User ID: KTD

DESIGN VALUE REPORT

Report Request ID: 1773812

Report Code: AMP480

Sep. 6, 2019

GEOGRAPHIC SELECTIONS

| Tribal Code | State | County | Site | Parameter | POC | City | AQCR | UAR | CBSA | CSA | EPA Region |
|----------------|-------|--------|------|-----------|-----|------|------|-----|------|-----|---------------|
| | 06 | 079 | | | | | | | | | |

PROTOCOL SELECTIONS

| Parameter Classification | Parameter | Method | Duration |
|-----------------------------|-----------|--------|----------|
|-----------------------------|-----------|--------|----------|

DESIGN VALUE

SELECTED OPTIONS

| Option Type | Option Value |
|----------------------------|-------------------------------------|
| WORKFILE DELIMITER | , |
| SINGLE EVENT PROCESSING | EXCLUDE REGIONALLY CONCURRED EVENTS |
| QUARTERLY DATA IN WORKFILE | NO |
| AGENCY ROLE | PQAO |
| USER SITE METADATA | STREET ADDRESS |
| MERGE PDF FILES | YES |
| USE LINKED SITES | YES |

DATE CRITERIA

| Start Date | End Date |
|------------|----------|
| 2018 | 2018 |

APPLICABLE STANDARDS

Standard Description

Lead 3-Month 2009
NO2 1-hour
Ozone 8-hour 2015
PM10 24-hour 2006
PM25 24-hour 2012
PM25 Annual 2012
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
PRELIMINARY DESIGN VALUE REPORT

Report Date: Sep. 6, 2019

Pollutant: Ozone(44201)
Standard Units: Parts per million(007)
NAAQS Standard: Ozone 8-hour 2015

Design Value Year: 2018
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

| | | Statistic: Annual 4th Maximum | | | | Level: .07 | | | | State: California | | | | | | | |
|-------------|--------------------------------------------|-------------------------------|------------------|---------|------------|------------|------------------|---------|------------|-------------------|------------------|---------|------------|------------------|--------------|-------|----------|
| Site ID | Poc STREET ADDRESS | 2018 | | | | 2017 | | | | 2016 | | | | 3 - Year | | | |
| | | Valid Days | Percent Complete | 4th Max | Cert& Eval | Valid Days | Percent Complete | 4th Max | Cert& Eval | Valid Days | Percent Complete | 4th Max | Cert& Eval | Percent Complete | Design Value | D. V. | Validity |
| 06-079-0005 | 235 SANTA FE AVENUE, PASO ROBLES, CA | 360 | 99 | .064 | Y | 349 | 96 | .065 | Y | 363 | 99 | .063 | Y | 98 | .064 | Y | |
| 06-079-2006 | 3220 SOUTH HIGUERA STREET, SAN LUIS OBISPO | 356 | 98 | .052 | Y | 362 | 99 | .059 | Y | 365 | 100 | .054 | Y | 99 | .055 | Y | |
| 06-079-3001 | MORRO BAY BLVD & KERN AVE, MORRO BAY | 362 | 99 | .050 | Y | 351 | 96 | .052 | Y | 363 | 99 | .053 | Y | 98 | .051 | Y | |
| 06-079-4002 | NIPOMO REGIONAL PARK, NIPOMO, CA. | 357 | 98 | .053 | Y | 359 | 98 | .061 | Y | 352 | 96 | .060 | Y | 97 | .058 | Y | |
| 06-079-8002 | 5599 Traffic Way, Atascadero CA | 357 | 98 | .060 | Y | 358 | 98 | .062 | Y | 352 | 96 | .062 | Y | 97 | .061 | Y | |
| 06-079-8005 | 3601 GILLIS CANYON ROAD | 353 | 97 | .071 | Y | 342 | 94 | .071 | Y | 353 | 96 | .074 | Y | 96 | .072 | Y | |
| 06-079-8006 | 9640 CARRIZO HIGHWAY | 345 | 95 | .070 | Y | 356 | 98 | .069 | Y | 358 | 98 | .070 | Y | 97 | .069 | Y | |

Notes: 1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
3. Annual Values not meeting completeness criteria are marked with an asterisk ('*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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PRELIMINARY DESIGN VALUE REPORT

Report Date: Sep. 6, 2019

Pollutant: Site-Level PM2.5 - Local Conditions (88101)
Standard Units: Micrograms/cubic meter (LC) (105)
NAAQS Standard: PM25 24-hour 2012 / PM25 Annual 2012
Statistic: Annual Weighted Mean Level: 12
Statistic: Annual 98th Percentile Level: 35

Design Value Year: 2018
REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

State Name: California

| <u>Site ID</u> / <u>STREET ADDRESS</u> | 2018 | | | | | 2017 | | | | | 2016 | | | | | 24-Hour | | Annual | |
|------------------------------------------------------------|-------------|--------------|----------------|-------------|-------------|-------------|--------------|----------------|-------------|-------------|-------------|--------------|----------------|-------------|-------------|--------------|-------------|--------------|-------------|
| | Cred. Comp. | | 98th | Wtd. | Cert& | Cred. Comp. | | 98th | Wtd. | Cert& | Cred. Comp. | | 98th | Wtd. | Cert& | Design Valid | | Design Valid | |
| | <u>Days</u> | <u>Qtrrs</u> | <u>Perctil</u> | <u>Mean</u> | <u>Eval</u> | <u>Days</u> | <u>Qtrrs</u> | <u>Perctil</u> | <u>Mean</u> | <u>Eval</u> | <u>Days</u> | <u>Qtrrs</u> | <u>Perctil</u> | <u>Mean</u> | <u>Eval</u> | <u>Value</u> | <u>Ind.</u> | <u>Value</u> | <u>Ind.</u> |
| 06-079-2004 1300 GUADALUPE RD., NIPOMO, CA., 93444 | 357 | 4 | 23.2 | 7.6 | Y | 353 | 4 | 21.3 | 9.1 | Y | 359 | 4 | 18.0 | 5.8 | Y | 21 | Y | 7.5 | Y |
| 06-079-2006 3220 SOUTH HIGUERA STREET, SAN LUIS OBISPO | 349 | 4 | 17.8 | 5.9 | Y | 341 | 4 | 16.8 | 6.8 | Y | 188 | 2 | 19.0* | 9.0* | Y | 18 | N | 7.2 | N |
| 06-079-2007 2391 Willow Road, Arroyo Grande, California | 324 | 4 | 28.8 | 8.8 | Y | 346 | 4 | 25.6 | 9.6 | Y | 355 | 4 | 23.6 | 8.2 | Y | 26 | Y | 8.9 | Y |
| 06-079-8002 5599 Traffic Way, Atascadero CA | 360 | 4 | 19.2 | 6.5 | Y | 357 | 4 | 21.6 | 5.7 | Y | 356 | 4 | 18.8 | 6.3 | Y | 20 | Y | 6.2 | Y |

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Report Date: Sep. 6, 2019

Design Value Year: 2018

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Statistic: Annual Estimated Days > Standard **Level:** 150

State Name: California

Notes:

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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Report Date: Sep. 6, 2019

Pollutant: Sulfur dioxide(42401)

Standard Units: Parts per billion(008)

NAAQS Standard: SO2 1-hour 2010

Statistic: Annual 99th Percentile

Design Value Year: 2018

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75

State Name: California

| Site ID | STREET ADDRESS | 2018 | | | 2017 | | | 2016 | | | 3-Year | |
|-------------|-----------------------------|-------|------------|-------|-------|------------|-------|-------|------------|-------|--------|-------|
| | | Comp. | 99th | Cert& | Comp. | 99th | Cert& | Comp. | 99th | Cert& | Design | Valid |
| | | Qtrrs | Percentile | Eval | Qtrrs | Percentile | Eval | Qtrrs | Percentile | Eval | Value | Ind. |
| 06-079-2004 | 1300 GUADALUPE RD., NIPOMO, | 4 | 1 | Y | 4 | | Y | 4 | 2 | Y | 1 | Y |

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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PRELIMINARY DESIGN VALUE REPORT

Report Date: Sep. 6, 2019

Pollutant: Nitrogen dioxide (NO2)

Standard Units: Parts per billion(008)

NAAQS Standard: NO2 1-hour

Statistic: Annual 98th Percentile **Level:** 100

Design Value Year: 2018

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

State Name: California

| Site ID | STREET ADDRESS | 2018 | | | 2017 | | | 2016 | | | 3-Year | |
|-------------|--------------------------|-------|------------|-------|-------|------------|-------|-------|------------|-------|--------|-------------|
| | | Comp. | 98th | Cert& | Comp. | 98th | Cert& | Comp. | 98th | Cert& | Design | DV Validity |
| | | Qtrs | Percentile | Eval | Qtrs | Percentile | Eval | Qtrs | Percentile | Eval | Value | Indicator |
| 06-079-3001 | MORRO BAY BLVD & KERN AV | | | | | | | 1 | 29.0 | Y | 29 | N |
| 06-079-4002 | NIPOMO REGIONAL PARK, NI | 4 | 20.0 | Y | 4 | 23.0 | Y | 4 | 19.0 | Y | 21 | Y |
| 06-079-8002 | 5599 Traffic Way, Atasc | 4 | 31.0 | Y | 4 | 32.0 | Y | 4 | 26.0 | Y | 30 | Y |

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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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