



# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
157 Short Street, Bishop, CA 93514  
760.872.8211, <http://www.gbuapcd.org>

|                     |                          |
|---------------------|--------------------------|
| Site Name           | <b>A-Tower</b>           |
| AQS Number          |                          |
| UTM X, Y (Zone 11)  | 415480, 4042496          |
| Location            | North-central Owens Lake |
| Address             | Owens Lake, CA           |
| County              | Inyo                     |
| Distance to Road    | 2.2 km north to Hwy 136. |
| Traffic Count       | 430                      |
| Groundcover         | Course sands             |
| Representative Area | North-central Owens Lake |

|                       |   |  |   |   |
|-----------------------|---|--|---|---|
| Met Installed?        | <input type="checkbox"/> Yes            | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input checked="" type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input type="checkbox"/> No             | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature       | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="9.3 meters"/> | Temp Probe Height (m)  | <input type="text" value="9.0 meters (and RH, temp)"/>          |   |

|  |                                       |
|--|---------------------------------------|
| Pollutant / POC  | N/A                                   |
| Primary/Collocated/Other                               | N/A                                   |
| Paramter Code  |                                       |
| Monitor Objective                                      | Research                              |
| Site Type  | Local meteorology                     |
| Monitor Type   | Special Purpose Monitor               |
| Network Affiliation                                    |                                       |
| Instrument Make and Model                              |                                       |
| Method Code  |                                       |
| FRM/FEM  |                                       |
| Collecting Agency                                      | GBUAPCD                               |
| Analytical Lab   |                                       |
| Reporting Agency                                       | GBUAPCD                               |
| Spatial Scale  | Neighborhood Scale                    |
| Sampling Method  | N/A                                   |
| Analysis Method  | N/A                                   |
| Start Date   | 8/8/1990                              |
| Operation Schedule                                     | 5 minute                              |
| Sampling Season  | Year-round                            |
| Probe Height   | Precip gage @ 1.5m AGL                |
| Distance to Supporting Structure                       | N/A                                   |
| Distance from Obstructions on Roof                     | N/A                                   |
| Distance from Obstructions Not on Roof                 | N/A                                   |
| Distance From Trees                                    | No trees within seven kilometers.     |
| Distance to Furnace or Incinerator                     | No furnace or incinerator within 7km. |
| Distance Between Collocated Monitors                   | N/A                                   |
| Unrestricted Airflow                                   | 360                                   |
| Probe Material   | N/A                                   |
| Residence Time   | N/A                                   |
| Will there be a change in 18 months?                   | No                                    |
| Suitable comparison against annual PM2.5?              | N/A                                   |
| Frequency of flow verification, manual PM sampler      | N/A                                   |
| Frequency of flow verification, automated PM analyzers | N/A                                   |
| Frequency of one-point QC check (gaseous)              | N/A                                   |
| Frequency of District Audits                           | Semi-annual MET: 5/23/2016            |
| Frequency of External Audits                           |                                       |



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|                     |                          |
|---------------------|--------------------------|
| Site Name           | <b>B-Tower</b>           |
| AQS Number          |                          |
| UTM X, Y (Zone 11)  | 420264.5, 4030446        |
| Location            | Southeast Owens Lake     |
| Address             | Owens Lake, CA           |
| County              | Inyo                     |
| Distance to Road    | 3 km SE to Hwy 190       |
| Traffic Count       | 520                      |
| Groundcover         | Course sands             |
| Representative Area | South-eastern Owens Lake |

|                       |  |  |   |   |
|-----------------------|--|--|---|---|
| Met Installed?        | <input type="checkbox"/> Yes           | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input checked="" type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input type="checkbox"/> No            | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature       | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10 meters"/> | Temp Probe Height (m)  | <input type="text" value="9.0 meters (and RH, temp)"/>          |   |

|  |                            |
|--|----------------------------|
| Pollutant / POC  | N/A                        |
| Primary/Collocated/Other                               | N/A                        |
| Paramter Code  |                            |
| Monitor Objective                                      | Research                   |
| Site Type  | Local Meteorology          |
| Monitor Type   | Special Purpose Monitor    |
| Network Affiliation                                    |                            |
| Instrument Make and Model                              |                            |
| Method Code  |                            |
| FRM/FEM  |                            |
| Collecting Agency                                      | GBUAPCD                    |
| Analytical Lab   |                            |
| Reporting Agency                                       | GBUAPCD                    |
| Spatial Scale  | Neighborhood Scale         |
| Sampling Method  | N/A                        |
| Analysis Method  | N/A                        |
| Start Date   | 1/5/1995                   |
| Operation Schedule                                     | 5 minute                   |
| Sampling Season  | Year-round                 |
| Probe Height   | Rain Gage @ 1.4m AGL       |
| Distance to Supporting Structure                       | N/A                        |
| Distance from Obstructions on Roof                     | N/A                        |
| Distance from Obstructions Not on Roof                 | N/A                        |
| Distance From Trees                                    | 8km NE of site.            |
| Distance to Furnace or Incinerator                     | 8km NE of site.            |
| Distance Between Collocated Monitors                   | N/A                        |
| Unrestricted Airflow                                   | 360                        |
| Probe Material   | N/A                        |
| Residence Time   | N/A                        |
| Will there be a change in 18 months?                   | No                         |
| Suitable comparison against annual PM2.5?              | N/A                        |
| Frequency of flow verification, manual PM sampler      | N/A                        |
| Frequency of flow verification, automated PM analyzers | N/A                        |
| Frequency of one-point QC check (gaseous)              | N/A                        |
| Frequency of District Audits                           | Semi-annual MET: 5/23/2016 |
| Frequency of External Audits                           |                            |



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|                     |  |
|---------------------|--|
| Site Name           | <b>Coso Junction</b>   |
| AQS Number          | 06-027-1001  |
| UTM X, Y (Zone 11)  | 414978.3, 3989840  |
| Location            | Hwy 395 at Gill Station - Coso Road                                  |
| Address             | 3 Gill Station Rd, Olancho, CA 93549                                 |
| County              | Inyo   |
| Distance to Road    | 0.2km to Gill Station Road SE of stn.; 400m to Hwy. 395 west of site |
| Traffic Count       | 300 est. on GSR; 5400 on 395   |
| Groundcover         | Dirt, gravel, brush  |
| Representative Area | Regional   |

|                       |  |  |   |   |
|-----------------------|--|--|---|---|
| Met Installed?        | <input type="checkbox"/> Yes           | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input checked="" type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input type="checkbox"/> No            | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature       | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10 meters"/> | Temp Probe Height (m)  | <input type="text" value="9.15 meters"/>                        |   |

|  |   |
|--|---|
| Pollutant / POC  | PM-10 / 4   |
| Primary/Collocated/Other                               | Other   |
| Paramter Code  | 81102   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Population Oriented, Pollutant Transport                |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous             |
| Method Code  | 079   |
| FRM/FEM  | FEM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood Scale                                      |
| Sampling Method  | PM-10 Impactor  |
| Analysis Method  | Gravimetry  |
| Start Date   | 5/10/2006   |
| Operation Schedule                                     | 1:1   |
| Sampling Season  | Year-round  |
| Probe Height   | 4.40 meters   |
| Distance to Supporting Structure                       | 1.3m below inlet  |
| Distance from Obstructions on Roof                     | No obstructions.  |
| Distance from Obstructions Not on Roof                 | MET tower 10m in height.                                |
| Distance From Trees                                    | 0.5 km  |
| Distance to Furnace or Incinerator                     | None in the vicinity for several kilometers.            |
| Distance Between Collocated Monitors                   | N/A   |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | N/A   |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                     |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | Quarterly: 3/10/2016, 6/22/2016, 10/13/2016, 11/22/2016 |
| Frequency of External Audits                           | EPA 3/23/2010; ARB 10/27/2015, 10/27/2016               |



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|                     |  |
|---------------------|--|
| Site Name           | <b>Coso Junction</b>   |
| AQS Number          | 06-027-1001  |
| UTM X, Y (Zone 11)  | 414978.3, 3989840  |
| Location            | Hwy 395 at Gill Station - Coso Road                                  |
| Address             | 3 Gill Station Rd, Olancho, CA 93549                                 |
| County              | Inyo   |
| Distance to Road    | 0.2km to Gill Station Road SE of stn.; 400m to Hwy. 395 west of site |
| Traffic Count       | 300 est. on GSR; 5400 on 395   |
| Groundcover         | Dirt, gravel, brush  |
| Representative Area | Regional   |

|                       |  |  |   |   |
|-----------------------|--|--|---|---|
| Met Installed?        | <input type="checkbox"/> Yes           | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input checked="" type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input type="checkbox"/> No            | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature       | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10 meters"/> | Temp Probe Height (m)  | <input type="text" value="9.15 meters"/>                        |   |

|  |   |
|--|---|
| Pollutant / POC  | H2S / 1   |
| Primary/Collocated/Other                               | N/A   |
| Paramter Code  | 42402   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Population Oriented, Pollutant Transport                        |
| Monitor Type   |   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              |   |
| Method Code  | 020   |
| FRM/FEM  |   |
| Collecting Agency                                      | Coso Operating Co.  |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood Scale  |
| Sampling Method  | PM-10 Impactor  |
| Analysis Method  | Gravimetry  |
| Start Date   | 5/10/2006   |
| Operation Schedule                                     | 1:1   |
| Sampling Season  | Year-round  |
| Probe Height   | 4.5 meters  |
| Distance to Supporting Structure                       | N/A   |
| Distance from Obstructions on Roof                     | No obstructions   |
| Distance from Obstructions Not on Roof                 | 10m MET tower 30m west of H2S station                           |
| Distance From Trees                                    | 0.5 km  |
| Distance to Furnace or Incinerator                     | None in the vicinity for several kilometers.                    |
| Distance Between Collocated Monitors                   | N/A   |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | N/A   |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | N/A   |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | N/A   |
| Frequency of External Audits                           | EPA 6/16/2009, 3/23/2010, 11/10/2011; ARB 9/13/2011, 10/27/2015 |



# GBUAPCD Site Report

|                     |                          |
|---------------------|--------------------------|
| Site Name           | <b>Cottonwood</b>        |
| AQS Number          |                          |
| UTM X, Y (Zone 11)  | 411798.9, 4028440        |
| Location            | South-central Owens Lake |
| Address             | Owens Lake, CA           |
| County              | Inyo                     |
| Distance to Road    | 3 km to Hwy 395 (west)   |
| Traffic Count       | 6600                     |
| Groundcover         | Course sand              |
| Representative Area | Central Owens Lake       |

|                       |  |  |  |  |
|-----------------------|--|--|--|--|
| Met Installed?        | <input type="checkbox"/> Yes           | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input type="checkbox"/> No            | <input checked="" type="checkbox"/> Variable: Wind Direction | <input type="checkbox"/> Variable: Temperature       | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text" value="10 meters"/> | Temp Probe Height (m)  | <input type="text" value="N/A"/>                     |  |

|  |  |
|--|--|
| Pollutant / POC  | N/A                                    |
| Primary/Collocated/Other                               | N/A                                    |
| Paramter Code  |  |
| Monitor Objective                                      | Research                               |
| Site Type  | Local Meteorology                      |
| Monitor Type   | Special Purpose Monitor                |
| Network Affiliation                                    |  |
| Instrument Make and Model                              |  |
| Method Code  |  |
| FRM/FEM  |  |
| Collecting Agency                                      | GBUAPCD                                |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD                                |
| Spatial Scale  | Neighborhood Scale                     |
| Sampling Method  | N/A                                    |
| Analysis Method  | N/A                                    |
| Start Date   | 5/17/2001                              |
| Operation Schedule                                     | 5 minute                               |
| Sampling Season  | Year-round                             |
| Probe Height   | N/A                                    |
| Distance to Supporting Structure                       | N/A                                    |
| Distance from Obstructions on Roof                     | N/A                                    |
| Distance from Obstructions Not on Roof                 | N/A                                    |
| Distance From Trees                                    | None                                   |
| Distance to Furnace or Incinerator                     | None                                   |
| Distance Between Collocated Monitors                   | N/A                                    |
| Unrestricted Airflow                                   | 360                                    |
| Probe Material   | N/A                                    |
| Residence Time   | N/A                                    |
| Will there be a change in 18 months?                   | No                                     |
| Suitable comparison against annual PM2.5?              | N/A                                    |
| Frequency of flow verification, manual PM sampler      | N/A                                    |
| Frequency of flow verification, automated PM analyzers | N/A                                    |
| Frequency of one-point QC check (gaseous)              | N/A                                    |
| Frequency of District Audits                           | Semi-annual MET: 3/18/2015, 12/16/2015 |
| Frequency of External Audits                           |  |



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|                     |  |
|---------------------|--|
| Site Name           | <b>Dirty Socks</b>                             |
| AQS Number          | 06-027-0022                                    |
| UTM X, Y (Zone 11)  | 414272.2, 4020550                              |
| Location            | South shore, Owens Lake                        |
| Address             | DIRTY SOX HOT SPRING - HWY 190, Owens Lake, CA |
| County              | Inyo   |
| Distance to Road    | 402 meters to Hwy 190                          |
| Traffic Count       | 230  |
| Groundcover         | Gravel, sand, water, small shrubs              |
| Representative Area | South shore, Owens Lake                        |

|                       |                                 |  |   |  |
|-----------------------|---------------------------------|--|---|--|
| Met Installed?        | <input type="checkbox"/> Yes    | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input type="checkbox"/> Yes    | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text" value="10"/> | Temp Probe Height (m)  | <input type="text" value="9.5 meters"/>                   |  |

|  |  |
|--|--|
| Pollutant / POC  | PM-10 / 2  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  | 81102  |
| Monitor Objective                                      | NAAQS  |
| Site Type  | Source Impact  |
| Monitor Type   | SLAMS  |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous                    |
| Method Code  | 079  |
| FRM/FEM  | FEM  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood Scale   |
| Sampling Method  | PM-10 Impactor   |
| Analysis Method  | Gravimetry   |
| Start Date   | 6/23/1999  |
| Operation Schedule                                     | hourly; offline 12/19/12-12/18/14                              |
| Sampling Season  | Year-round   |
| Probe Height   | 4.2 meters   |
| Distance to Supporting Structure                       | 1.8m below inlet   |
| Distance from Obstructions on Roof                     | N/A  |
| Distance from Obstructions Not on Roof                 | 10.0 (Met) - 14.6 meters (powerline); met tower to west        |
| Distance From Trees                                    | N/A  |
| Distance to Furnace or Incinerator                     | N/A  |
| Distance Between Collocated Monitors                   | N/A  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | N/A  |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                            |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | Quarterly: 3/17/2016, 6/16/2016, 8/2/2016, 12/9/2016           |
| Frequency of External Audits                           | EPA 6/17/2009, 3/23/2010, 11/10/2011; ARB 9/15/2015, 9/13/2016 |



# GBUAPCD Site Report

|                     |  |
|---------------------|--|
| Site Name           | <b>Flat Rock</b>   |
| AQS Number          | 06-027-0024  |
| UTM X, Y (Zone 11)  | 424988.9, 4030860  |
| Location            | Eastern shore, Owens Lake  |
| Address             | FLAT ROCK - HIGHWAY 190 - 1 MILE W OF HWY 136 JUNCTION, Owens Lake, CA |
| County              | Inyo   |
| Distance to Road    | 54.8 meters to Hwy 190; 1.6km NE to CA136/CA190 Junction               |
| Traffic Count       | 520 on CA 190 and at junction  |
| Groundcover         | Sand, rocks, shrubs  |
| Representative Area | East shore, Owens Lake   |

|                       |   |  |   |  |
|-----------------------|---|--|---|--|
| Met Installed?        | <input type="checkbox"/> Yes              | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input type="checkbox"/> No               | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text" value="10.15 meters"/> | Temp Probe Height (m)  | <input type="text" value="9.45 meters"/>                  |  |

|  |   |
|--|---|
| Pollutant / POC  | PM-10   |
| Primary/Collocated/Other                               | Other   |
| Paramter Code  |   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Source Impact                                       |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              | None (TEOM removed 5/3/11 to Mill Site)             |
| Method Code  |   |
| FRM/FEM  |   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood Scale                                  |
| Sampling Method  | PM-10 Impactor                                      |
| Analysis Method  | Gravimetry  |
| Start Date   | 12/14/2000  |
| Operation Schedule                                     | hourly  |
| Sampling Season  | Year-round  |
| Probe Height   |   |
| Distance to Supporting Structure                       | 0   |
| Distance from Obstructions on Roof                     | 0   |
| Distance from Obstructions Not on Roof                 | 2.4 m (MET); 3.8 meters (powerline)                 |
| Distance From Trees                                    | No trees  |
| Distance to Furnace or Incinerator                     | 0   |
| Distance Between Collocated Monitors                   | N/A   |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | No  |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | N/A   |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | MET: 6/16/2016                                      |
| Frequency of External Audits                           | EPA 6/17/2009, 3/23/2010; ARB: 9/15/2015, 9/15/2016 |



# GBUAPCD Site Report

|                     |  |
|---------------------|--|
| Site Name           | <b>Keeler</b>  |
| AQS Number          | 06-027-1003  |
| UTM X, Y (Zone 11)  | 421981.9, 4038410  |
| Location            | Located on top of metal storage unit and monitoring shelter. |
| Address             | 190 CERRO GORDO ROAD, KEELER, CA                             |
| County              | Inyo   |
| Distance to Road    | 20 meters to Cerro Gordo Rd., 117 m NE to CA Hwy. 136        |
| Traffic Count       | Cerro Gordo - 100/dy est.; Hwy. 136 - 430                    |
| Groundcover         | Pavement   |
| Representative Area | Community of Keeler  |

|                       |   |  |   |   |
|-----------------------|---|--|---|---|
| Met Installed?        | <input type="checkbox"/> No             | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10 meters"/>  | Temp Probe Height (m)  | <input type="text" value="9.15 meters"/>                  |   |

|  |   |
|--|---|
| Pollutant / POC  | PM-2.5 / 1  |
| Primary/Collocated/Other                               | Collocated (formerly primary)                           |
| Paramter Code  | 88101   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Population Oriented                                     |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              | Partisol 2025 PM2.5 VSCC EQPM-0202-145                  |
| Method Code  | 145   |
| FRM/FEM  | FRM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   | GBUAPCD   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood  |
| Sampling Method  | PM-10 Impactor and VSCC                                 |
| Analysis Method  | Gravimetry  |
| Start Date   | 9/10/2009   |
| Operation Schedule                                     | hourly  |
| Sampling Season  | Year-round;Partisol began 9/1/98                        |
| Probe Height   | 4.6 meters  |
| Distance to Supporting Structure                       | 1.5m below inlet  |
| Distance from Obstructions on Roof                     | See attached roof diagram                               |
| Distance from Obstructions Not on Roof                 | 10 meters to antennae                                   |
| Distance From Trees                                    | Trees are below the inlet height                        |
| Distance to Furnace or Incinerator                     | N/A   |
| Distance Between Collocated Monitors                   | 1.1m to PM2.5 TEOM                                      |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | Yes   |
| Frequency of flow verification, manual PM sampler      | Partisol: Monthly by Station Operator                   |
| Frequency of flow verification, automated PM analyzers | N/A   |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | Quarterly: 3/10/2016, 6/22/2016, 10/13/2016, 11/22/2016 |
| Frequency of External Audits                           | ARB: 9/17/2015, 9/15/2016                               |





# GBUAPCD Site Report

|                     |  |
|---------------------|--|
| Site Name           | <b>Keeler</b>  |
| AQS Number          | 06-027-1003  |
| UTM X, Y (Zone 11)  | 421981.9, 4038410  |
| Location            | Located on top of metal storage unit and monitoring shelter. |
| Address             | 190 CERRO GORDO ROAD, KEELER, CA                             |
| County              | Inyo   |
| Distance to Road    | 20 meters to Cerro Gordo Rd., 117 m NE to CA Hwy. 136        |
| Traffic Count       | Cerro Gordo - 100/dy est.; Hwy. 136 - 430                    |
| Groundcover         | Pavement   |
| Representative Area | Community of Keeler  |

|                       |   |  |   |   |
|-----------------------|---|--|---|---|
| Met Installed?        | <input type="checkbox"/> No             | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10 meters"/>  | Temp Probe Height (m)  | <input type="text" value="9.15 meters"/>                  |   |

|  |  |
|--|--|
| Pollutant / POC  | PM-2.5 / 3   |
| Primary/Collocated/Other                               | Primary  |
| Paramter Code  | 88101  |
| Monitor Objective                                      | NAAQS  |
| Site Type  | Population Oriented  |
| Monitor Type   | SLAMS  |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | TEOM 1400 ab/8500c FDMS, PM2.5 continuous                    |
| Method Code  | 181  |
| FRM/FEM  | FEM  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood   |
| Sampling Method  | PM-10 Impactor, PM2.5 VSCC                                   |
| Analysis Method  | Gravimetry   |
| Start Date   | 3/11/1993  |
| Operation Schedule                                     | hourly (TEOM); Daily (1° Partisol.)                          |
| Sampling Season  | Year-round;Partisol began 9/1/98                             |
| Probe Height   | 4.45 meters  |
| Distance to Supporting Structure                       | 1.5m below inlet   |
| Distance from Obstructions on Roof                     | See roof diagram   |
| Distance from Obstructions Not on Roof                 | 9 meters to antennae   |
| Distance From Trees                                    | Trees are below the inlet height                             |
| Distance to Furnace or Incinerator                     | N/A  |
| Distance Between Collocated Monitors                   | 1.10m to collocated PM2.5 TEOM; 1.10m to PM2.5 colo Partisol |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | No   |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                          |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | Quarterly: 3/10/2016, 6/22/2016, 10/13/2016, 11/22/2016      |
| Frequency of External Audits                           | EPA 11/10/2011; ARB 9/11/2014, 9/17/2015, 9/15/2016          |



# GBUAPCD Site Report

|                     |  |
|---------------------|--|
| Site Name           | <b>Keeler</b>  |
| AQS Number          | 06-027-1003  |
| UTM X, Y (Zone 11)  | 421981.9, 4038410  |
| Location            | Located on top of metal storage unit and monitoring shelter. |
| Address             | 190 CERRO GORDO ROAD, KEELER, CA                             |
| County              | Inyo   |
| Distance to Road    | 20 meters to Cerro Gordo Rd., 117 m NE to CA Hwy. 136        |
| Traffic Count       | Cerro Gordo - 100/dy est.; Hwy. 136 - 430                    |
| Groundcover         | Pavement   |
| Representative Area | Community of Keeler  |

|                       |   |  |   |   |
|-----------------------|---|--|---|---|
| Met Installed?        | <input type="checkbox"/> No             | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10 meters"/>  | Temp Probe Height (m)  | <input type="text" value="9.15 meters"/>                  |   |

|  |   |
|--|---|
| Pollutant / POC  | PM-10 / 7   |
| Primary/Collocated/Other                               | Collocated  |
| Paramter Code  | 81102   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Population Oriented                                     |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              | Partisol 2025 PM10, RFPS-1298-127                       |
| Method Code  | 127   |
| FRM/FEM  | FRM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   | GBUAPCD   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood  |
| Sampling Method  | PM-10 Impactor, Collocated PM10 Monitor                 |
| Analysis Method  | Gravimetry  |
| Start Date   | 6/15/2009   |
| Operation Schedule                                     | hourly (TEOM); 1/12 day 2° Partisol                     |
| Sampling Season  | Year-round; Partisol began 9/1/98                       |
| Probe Height   | 4.45 meters   |
| Distance to Supporting Structure                       | 1.5m below inlet  |
| Distance from Obstructions on Roof                     | See roof diagram  |
| Distance from Obstructions Not on Roof                 | 10 meters to antennae                                   |
| Distance From Trees                                    | Trees are below the inlet height                        |
| Distance to Furnace or Incinerator                     | N/A   |
| Distance Between Collocated Monitors                   | 1.48m to PM10 primary Partisol                          |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | yes   |
| Frequency of flow verification, manual PM sampler      | Partisol: Monthly by Station Operator                   |
| Frequency of flow verification, automated PM analyzers | N/A   |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | Quarterly: 3/10/2016, 6/22/2016, 10/13/2016, 11/22/2016 |
| Frequency of External Audits                           | ARB: 9/17/2015, 9/15/2016                               |



# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
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|                     |  |
|---------------------|--|
| Site Name           | <b>Keeler</b>  |
| AQS Number          | 06-027-1003  |
| UTM X, Y (Zone 11)  | 421981.9, 4038410  |
| Location            | Located on top of metal storage unit and monitoring shelter. |
| Address             | 190 CERRO GORDO ROAD, KEELER, CA                             |
| County              | Inyo   |
| Distance to Road    | 20 meters to Cerro Gordo Rd., 117 m NE to CA Hwy. 136        |
| Traffic Count       | Cerro Gordo - 100/dy est.; Hwy. 136 - 430                    |
| Groundcover         | Pavement   |
| Representative Area | Community of Keeler  |

|                       |   |  |   |   |
|-----------------------|---|--|---|---|
| Met Installed?        | <input type="checkbox"/> No             | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10 meters"/>  | Temp Probe Height (m)  | <input type="text" value="9.15 meters"/>                  |   |

|  |  |
|--|--|
| Pollutant / POC  | PM-10 / 6  |
| Primary/Collocated/Other                               | Primary  |
| Paramter Code  | 81102  |
| Monitor Objective                                      | NAAQS  |
| Site Type  | Population Oriented  |
| Monitor Type   | SLAMS  |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | Partisol 2025 PM10, RFPS-1298-127                            |
| Method Code  | 127  |
| FRM/FEM  | FRM  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   | GBUAPCD  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood   |
| Sampling Method  | PM-10 Impactor, Collocated PM10 Monitor                      |
| Analysis Method  | Gravimetry   |
| Start Date   | 6/15/2009  |
| Operation Schedule                                     | hourly (TEOM); 1/12 day 2° Partisol                          |
| Sampling Season  | Year-round;Partisol began 9/1/98                             |
| Probe Height   | 4.45 meters  |
| Distance to Supporting Structure                       | 1.5m below inlet   |
| Distance from Obstructions on Roof                     | See roof diagram   |
| Distance from Obstructions Not on Roof                 | 10 meters to antennae  |
| Distance From Trees                                    | Trees are below the inlet height                             |
| Distance to Furnace or Incinerator                     | N/A  |
| Distance Between Collocated Monitors                   | 2.48m to primary PM2.5 Partisol; 1.48m to colo PM10 Partisol |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | yes  |
| Frequency of flow verification, manual PM sampler      | Partisol: Monthly by Station Operator                        |
| Frequency of flow verification, automated PM analyzers | N/A  |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | Quarterly: 3/10/2016, 6/22/2016, 10/13/2016, 11/22/2016      |
| Frequency of External Audits                           | ARB: 9/17/2015, 9/15/2016                                    |



# GBUAPCD Site Report

|                     |  |
|---------------------|--|
| Site Name           | <b>Keeler</b>  |
| AQS Number          | 06-027-1003  |
| UTM X, Y (Zone 11)  | 421981.9, 4038410  |
| Location            | Located on top of metal storage unit and monitoring shelter. |
| Address             | 190 CERRO GORDO ROAD, KEELER, CA                             |
| County              | Inyo   |
| Distance to Road    | 20 meters to Cerro Gordo Rd., 117 m NE to CA Hwy. 136        |
| Traffic Count       | Cerro Gordo - 100/dy est.; Hwy. 136 - 430                    |
| Groundcover         | Pavement   |
| Representative Area | Community of Keeler  |

|                       |   |  |   |   |
|-----------------------|---|--|---|---|
| Met Installed?        | <input type="checkbox"/> No             | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10 meters"/>  | Temp Probe Height (m)  | <input type="text" value="9.15 meters"/>                  |   |

|  |   |
|--|---|
| Pollutant / POC  | PM-10 / 4   |
| Primary/Collocated/Other                               | Collocated TEOM   |
| Paramter Code  | 81102   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Population Oriented                                     |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous             |
| Method Code  | 079   |
| FRM/FEM  | FEM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood  |
| Sampling Method  | PM-10 Impactor, Collocated PM10 Monitor                 |
| Analysis Method  | Gravimetry  |
| Start Date   | 6/15/2009   |
| Operation Schedule                                     | hourly (TEOM); 1/12 day 2° Partisol                     |
| Sampling Season  | Year-round;Partisol began 9/1/98                        |
| Probe Height   | 4.45 meters   |
| Distance to Supporting Structure                       | 1.5m below inlet  |
| Distance from Obstructions on Roof                     | See roof diagram  |
| Distance from Obstructions Not on Roof                 | 10 meters to antennae                                   |
| Distance From Trees                                    | Trees are below the inlet height                        |
| Distance to Furnace or Incinerator                     | N/A   |
| Distance Between Collocated Monitors                   | 1.10m to primary TEOM (#2); 1.05m to 10pri Partisol     |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | yes   |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                     |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | Quarterly: 3/10/2016, 6/22/2016, 10/13/2016, 11/22/2016 |
| Frequency of External Audits                           | EPA 11/10/2011; ARB 9/11/2014, 9/17/2015, 9/15/2016     |



# GBUAPCD Site Report

|                     |                         |
|---------------------|-------------------------|
| Site Name           | <b>Keeler MET</b>       |
| AQS Number          | 06-027-1003             |
| UTM X, Y (Zone 11)  | 421356, 4038807         |
| Location            | Northeast of Keeler, CA |
| Address             | Keeler, CA              |
| County              | Inyo                    |
| Distance to Road    | 75 meters               |
| Traffic Count       | 3/day                   |
| Groundcover         | sand/brush              |
| Representative Area | Community of Keeler     |

|                       |  |  |   |   |
|-----------------------|--|--|---|---|
| Met Installed?        | <input type="checkbox"/> Yes           | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input type="checkbox"/> No            | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10 meters"/> | Temp Probe Height (m)  | <input type="text" value="9.15 meters"/>                  |   |

|  |                               |
|--|-------------------------------|
| Pollutant / POC  | N/A                           |
| Primary/Collocated/Other                               | N/A                           |
| Paramter Code  |                               |
| Monitor Objective                                      |                               |
| Site Type  | Local Meteorology             |
| Monitor Type   | SLAMS                         |
| Network Affiliation                                    |                               |
| Instrument Make and Model                              |                               |
| Method Code  |                               |
| FRM/FEM  |                               |
| Collecting Agency                                      | GBUAPCD                       |
| Analytical Lab   |                               |
| Reporting Agency                                       | GBUAPCD                       |
| Spatial Scale  | Neighborhood Scale            |
| Sampling Method  | N/A                           |
| Analysis Method  | N/A                           |
| Start Date   | 3/14/1985                     |
| Operation Schedule                                     | 5 minute                      |
| Sampling Season  | Year-round                    |
| Probe Height   |                               |
| Distance to Supporting Structure                       | N/A                           |
| Distance from Obstructions on Roof                     | N/A                           |
| Distance from Obstructions Not on Roof                 | 20 meters to trees            |
| Distance From Trees                                    | Trees to east, 5m above tower |
| Distance to Furnace or Incinerator                     | N/A                           |
| Distance Between Collocated Monitors                   | N/A                           |
| Unrestricted Airflow                                   | N/A                           |
| Probe Material   | N/A                           |
| Residence Time   | N/A                           |
| Will there be a change in 18 months?                   | No                            |
| Suitable comparison against annual PM2.5?              | N/A                           |
| Frequency of flow verification, manual PM sampler      | N/A                           |
| Frequency of flow verification, automated PM analyzers | N/A                           |
| Frequency of one-point QC check (gaseous)              | N/A                           |
| Frequency of District Audits                           | Semi-annual MET: 7/21/2016    |
| Frequency of External Audits                           |                               |



# GBUAPCD Site Report

|                     |                             |
|---------------------|-----------------------------|
| Site Name           | <b>Kirkwood</b>             |
| AQS Number          |                             |
| UTM X, Y (Zone 11)  | 754606, 4286527             |
| Location            | Coordinates Are UTM Zone 10 |
| Address             |                             |
| County              | Alpine                      |
| Distance to Road    |                             |
| Traffic Count       |                             |
| Groundcover         |                             |
| Representative Area |                             |

|                       |   |  |  |  |
|-----------------------|---|--|--|--|
| Met Installed?        | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input type="checkbox"/> No             | <input checked="" type="checkbox"/> Variable: Wind Direction | <input type="checkbox"/> Variable: Temperature       | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text"/>                    | Temp Probe Height (m)  | <input type="text"/>                                 |  |

|  |                           |
|--|---------------------------|
| Pollutant / POC  | N/A                       |
| Primary/Collocated/Other                               | N/A                       |
| Paramter Code  |                           |
| Monitor Objective                                      |                           |
| Site Type  | Local Meteorology         |
| Monitor Type   | SLAMS                     |
| Network Affiliation                                    |                           |
| Instrument Make and Model                              |                           |
| Method Code  |                           |
| FRM/FEM  |                           |
| Collecting Agency                                      | GBUAPCD                   |
| Analytical Lab   |                           |
| Reporting Agency                                       | GBUAPCD                   |
| Spatial Scale  |                           |
| Sampling Method  |                           |
| Analysis Method  |                           |
| Start Date   |                           |
| Operation Schedule                                     | Hourly (continuous)       |
| Sampling Season  | Year-round                |
| Probe Height   | N/A                       |
| Distance to Supporting Structure                       |                           |
| Distance from Obstructions on Roof                     |                           |
| Distance from Obstructions Not on Roof                 |                           |
| Distance From Trees                                    |                           |
| Distance to Furnace or Incinerator                     |                           |
| Distance Between Collocated Monitors                   |                           |
| Unrestricted Airflow                                   |                           |
| Probe Material   |                           |
| Residence Time   |                           |
| Will there be a change in 18 months?                   | No                        |
| Suitable comparison against annual PM2.5?              |                           |
| Frequency of flow verification, manual PM sampler      | N/A                       |
| Frequency of flow verification, automated PM analyzers | N/A                       |
| Frequency of one-point QC check (gaseous)              | N/A                       |
| Frequency of District Audits                           | Semi-annual MET: 6/7/2016 |
| Frequency of External Audits                           |                           |



# GBUAPCD Site Report

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|                     |                                      |
|---------------------|--------------------------------------|
| Site Name           | <b>Lee Vining</b>                    |
| AQS Number          | 06-051-0005                          |
| UTM X, Y (Zone 11)  | 313749, 4203464                      |
| Location            | Community of Lee Vining, CA          |
| Address             | HWY 395, LEE VINING                  |
| County              | Mono                                 |
| Distance to Road    | 84 m to Hwy 395; 179 m to Matty Ave. |
| Traffic Count       | 395 - 4500; Matty Ave. - 100 est.    |
| Groundcover         | Lawn (north); Gravel (south)         |
| Representative Area | Lee Vining, CA                       |

Met Installed?  No  Variable: Wind Speed  Variable: Relative Humidity  Variable: Barometric Pressure  
 TEOM Installed?  No  Variable: Wind Direction  Variable: Temperature  Variable: Precipitation

Anemometer Height (m)  Temp Probe Height (m)

|  |   |
|--|---|
| Pollutant / POC  | PM-10 / 3   |
| Primary/Collocated/Other                               | Other   |
| Paramter Code  | 81102   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Population Oriented   |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              | Partisol 2025 PM10, RFPS-1298-127, PM10 FRM                     |
| Method Code  | 127   |
| FRM/FEM  | FRM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   | GBUAPCD   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood Scale  |
| Sampling Method  | PM-10 Impactor  |
| Analysis Method  | Gravimetry  |
| Start Date   | 1/1/1981  |
| Operation Schedule                                     | 1/3 day Partisol (started 7/1/2001)                             |
| Sampling Season  | Year-round  |
| Probe Height   | 3 meters AGL  |
| Distance to Supporting Structure                       | 0.7m below inlet  |
| Distance from Obstructions on Roof                     | No obstructions - unit mounted on stand                         |
| Distance from Obstructions Not on Roof                 | N/A   |
| Distance From Trees                                    | Trees are to east, 2m above inlet                               |
| Distance to Furnace or Incinerator                     | N/A   |
| Distance Between Collocated Monitors                   | N/A   |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | Yes   |
| Suitable comparison against annual PM2.5?              | No  |
| Frequency of flow verification, manual PM sampler      | Partisol: Monthly by Station Operator                           |
| Frequency of flow verification, automated PM analyzers | N/A   |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | Quarterly: 3/2/2016, 4/7/2016, 7/19/2016, 12/20/2016            |
| Frequency of External Audits                           | EPA 3/25/2010, 11/9/2011; ARB 10/15/2014, 11/3/2015, 10/19/2016 |



# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
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|                     |   |
|---------------------|---|
| Site Name           | <b>Lizard Tail</b>                            |
| AQS Number          | 06-027-0028                                   |
| UTM X, Y (Zone 11)  | 415700.8, 4044610                             |
| Location            | Owens Lake NE Shoreline                       |
| Address             | Lizard Tail - NE Shoreline Owens Lake, CA     |
| County              | Inyo  |
| Distance to Road    | 275 meters to powerline road; 800m to Hwy 395 |
| Traffic Count       | Powerline:20; Hwy 395: 540                    |
| Groundcover         | Sand and shrubs                               |
| Representative Area | 4 km area                                     |

|                       |  |  |   |  |
|-----------------------|--|--|---|--|
| Met Installed?        | <input type="checkbox"/> Yes             | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input type="checkbox"/> Yes             | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text" value="10.1 meters"/> | Temp Probe Height (m)  | <input type="text" value="9.0 meters"/>                   |  |

|  |   |
|--|---|
| Pollutant / POC  | PM-10 / 1   |
| Primary/Collocated/Other                               | Other   |
| Paramter Code  | 81102   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Source Impact                                       |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous         |
| Method Code  | 079   |
| FRM/FEM  | FEM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood Scale                                  |
| Sampling Method  | PM-10 Impactor                                      |
| Analysis Method  | Gravimetry  |
| Start Date   | 1/16/2008   |
| Operation Schedule                                     | hourly  |
| Sampling Season  | Year-round  |
| Probe Height   | 2 meters above roof; 4.6 meters AGL.                |
| Distance to Supporting Structure                       | 1.7m below inlet                                    |
| Distance from Obstructions on Roof                     | None  |
| Distance from Obstructions Not on Roof                 | Met tower: 4.6 meters; power pole 9.1 meters        |
| Distance From Trees                                    | N/A; no trees                                       |
| Distance to Furnace or Incinerator                     | N/A   |
| Distance Between Collocated Monitors                   | N/A   |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | No  |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                 |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | Quarterly: 2/11/2016, 6/8/2016, 9/8/2016, 11/2/2016 |
| Frequency of External Audits                           | EPA 11/10/2011; ARB 9/10/2014, 9/16/2015, 9/14/2016 |





# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
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|                     |  |
|---------------------|--|
| Site Name           | <b>Lone Pine FDMS</b>                    |
| AQS Number          | 06-027-0004                              |
| UTM X, Y (Zone 11)  | 405399.8, 4052020                        |
| Location            | Southern Inyo Hospital                   |
| Address             | 501 East Locust Rd, Lone Pine, CA        |
| County              | Inyo                                     |
| Distance to Road    | 85m so. To east Locust; 610m west to 395 |
| Traffic Count       | 200 on East Locust; 6000 on Hwy 395      |
| Groundcover         | rooftop, asphalt roofing                 |
| Representative Area | Community of Lone Pine                   |

|                       |  |  |   |  |
|-----------------------|--|--|---|--|
| Met Installed?        | <input type="checkbox"/> No              | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input checked="" type="checkbox"/> Yes  | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text" value="9.54 meters"/> | Temp Probe Height (m)  | <input type="text" value="9.03 meters"/>                  |  |

|  |   |
|--|---|
| Pollutant / POC  | PM-10 / 4   |
| Primary/Collocated/Other                               | Other   |
| Paramter Code  | 81102   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Population Oriented                                 |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              | TEOM 1400 ab/8500c FDMS, PM10 continuous            |
| Method Code  | 079   |
| FRM/FEM  | FEM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood Scale                                  |
| Sampling Method  | PM-10 Impactor                                      |
| Analysis Method  | Gravimetry  |
| Start Date   | 4/17/2008   |
| Operation Schedule                                     | hourly  |
| Sampling Season  | Year-round  |
| Probe Height   | 2.82 meters above roof; 6.5 m AGL                   |
| Distance to Supporting Structure                       | 0.7m below inlet                                    |
| Distance from Obstructions on Roof                     | 30 meters   |
| Distance from Obstructions Not on Roof                 | 29 meters   |
| Distance From Trees                                    | East of site, 3m above inlet                        |
| Distance to Furnace or Incinerator                     | 65 meters   |
| Distance Between Collocated Monitors                   | N/A   |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | No  |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                 |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | Quarterly: 3/17/2016, 6/8/2016, 9/8/2016, 11/2/2016 |
| Frequency of External Audits                           | EPA 11/10/2011; ARB 9/9/2014, 12/1/2015, 9/14/2016  |



# GBUAPCD Site Report

|                     |  |
|---------------------|--|
| Site Name           | <b>Lone Pine MET</b>                           |
| AQS Number          | 06-027-0019                                    |
| UTM X, Y (Zone 11)  | 406299.9, 4051850                              |
| Location            | Lone Pine Wastewater Treatment Plant           |
| Address             | OUT AT THE SEWER PONDS ONE MILE E OF LOCUST ST |
| County              | Inyo   |
| Distance to Road    | 30 meters to access road; 1370 west to Hwy 395 |
| Traffic Count       | 1 per week; 6000                               |
| Groundcover         | dirt and grass                                 |
| Representative Area | rural area east of Lone Pine                   |

- Met Installed?  Yes  Variable: Wind Speed  Variable: Relative Humidity  Variable: Barometric Pressure  
 TEOM Installed?  No  Variable: Wind Direction  Variable: Temperature  Variable: Precipitation

Anemometer Height (m)  Temp Probe Height (m)

|  |                            |
|--|----------------------------|
| Pollutant / POC  | N/A                        |
| Primary/Collocated/Other                               | N/A                        |
| Paramter Code  |                            |
| Monitor Objective                                      |                            |
| Site Type  | Local Meteorology          |
| Monitor Type   | SLAMS                      |
| Network Affiliation                                    |                            |
| Instrument Make and Model                              |                            |
| Method Code  |                            |
| FRM/FEM  |                            |
| Collecting Agency                                      | GBUAPCD                    |
| Analytical Lab   |                            |
| Reporting Agency                                       | GBUAPCD                    |
| Spatial Scale  | Neighborhood Scale         |
| Sampling Method  | N/A                        |
| Analysis Method  | N/A                        |
| Start Date   | 5/14/1986                  |
| Operation Schedule                                     | 5 minutes                  |
| Sampling Season  | Year-round                 |
| Probe Height   | Precip gage @ 1.5 m AGL    |
| Distance to Supporting Structure                       | N/A                        |
| Distance from Obstructions on Roof                     | N/A                        |
| Distance from Obstructions Not on Roof                 | 40 meters to phone pole    |
| Distance From Trees                                    | 100 meters                 |
| Distance to Furnace or Incinerator                     | N/A                        |
| Distance Between Collocated Monitors                   | N/A                        |
| Unrestricted Airflow                                   | 360                        |
| Probe Material   | N/A                        |
| Residence Time   | N/A                        |
| Will there be a change in 18 months?                   | No                         |
| Suitable comparison against annual PM2.5?              | N/A                        |
| Frequency of flow verification, manual PM sampler      | N/A                        |
| Frequency of flow verification, automated PM analyzers | N/A                        |
| Frequency of one-point QC check (gaseous)              | N/A                        |
| Frequency of District Audits                           | Semi-annual MET: 6/15/2016 |
| Frequency of External Audits                           |                            |



# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
157 Short Street, Bishop, CA 93514  
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|                     |  |
|---------------------|--|
| Site Name           | <b>Mammoth</b>   |
| AQS Number          | 06-051-0001  |
| UTM X, Y (Zone 11)  | 326513.8, 4168312  |
| Location            | Town of Mammoth Lakes, CA                                |
| Address             | Gateway Home Center, Mammoth Lakes, CA                   |
| County              | Mono   |
| Distance to Road    | 30.5 meters east to Old Mammoth Rd.; 124m NNE to Hwy 203 |
| Traffic Count       | OMR:6600; Hwy 203 13,200                                 |
| Groundcover         | Urban; asphalt composite roof and pavement               |
| Representative Area | Town of Mammoth Lakes                                    |

|                       |   |   |  |  |
|-----------------------|---|---|--|--|
| Met Installed?        | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Variable: Wind Direction | <input type="checkbox"/> Variable: Temperature       | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text"/>                    | Temp Probe Height (m)                             | <input type="text"/>                                 |  |

|  |  |
|--|--|
| Pollutant / POC  | PM-10 / 6  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  | 81102  |
| Monitor Objective                                      | NAAQS  |
| Site Type  | Population Oriented  |
| Monitor Type   | SLAMS  |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | TEOM 1400ab/8500c FDMS, PM10 continuous (started 1/1/2006)                       |
| Method Code  | None   |
| FRM/FEM  | N/A  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood Scale   |
| Sampling Method  | PM-10 Impactor   |
| Analysis Method  | Gravimetry   |
| Start Date   | 1/1/2006   |
| Operation Schedule                                     | hourly (TEOM); 1/3 day Partisol  |
| Sampling Season  | Year-round;Part. Started 2/1/03  |
| Probe Height   | FDMS: 4 meters above roof; Partisol: 3 meters above roof; (roof at ~10m)         |
| Distance to Supporting Structure                       | 0.5m below inlet   |
| Distance from Obstructions on Roof                     | N/A; Distance to Supporting Struct. Cont: TEOM and Partisol 0.7m above enclosure |
| Distance from Obstructions Not on Roof                 | 30.5 meters (at 55 degrees and 180 degrees)                                      |
| Distance From Trees                                    | 40 meters from site, 2-5m above inlet  |
| Distance to Furnace or Incinerator                     | N/A  |
| Distance Between Collocated Monitors                   | 3 m from TEOM inlet to Partisol inlet  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | Change to EPA-Equiv. continuous PM monitor planned                               |
| Suitable comparison against annual PM2.5?              | N/A  |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator  |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | Quarterly: 3/2/2016, 4/7/2016, 7/19/2016, 12/20/2016                             |
| Frequency of External Audits                           | EPA 11/9/2011; ARB 10/15/2014, 11/3/2015, 10/20/2016                             |



# GBUAPCD Site Report

|                     |  |
|---------------------|--|
| Site Name           | <b>Mammoth</b>   |
| AQS Number          | 06-051-0001  |
| UTM X, Y (Zone 11)  | 326513.8, 4168312  |
| Location            | Town of Mammoth Lakes, CA                                |
| Address             | Gateway Home Center, Mammoth Lakes, CA                   |
| County              | Mono   |
| Distance to Road    | 30.5 meters east to Old Mammoth Rd.; 124m NNE to Hwy 203 |
| Traffic Count       | OMR:6600; Hwy 203 13,200                                 |
| Groundcover         | Urban; asphalt composite roof and pavement               |
| Representative Area | Town of Mammoth Lakes                                    |

Met Installed?  Yes  Variable: Wind Speed  Variable: Relative Humidity  Variable: Barometric Pressure  
 TEOM Installed?  Yes  Variable: Wind Direction  Variable: Temperature  Variable: Precipitation

Anemometer Height (m)  Temp Probe Height (m)

|  |  |
|--|--|
| Pollutant / POC  | PM-10 / 5  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  | 81102  |
| Monitor Objective                                      | NAAQS  |
| Site Type  | Population Oriented  |
| Monitor Type   | SLAMS  |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | PM10 Partisol 2025, RFPS-1298-127, PM10 FRM (started 2/1/2003) |
| Method Code  | 127  |
| FRM/FEM  | FRM  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   | GBUAPCD  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  |  |
| Sampling Method  | PM-10 Impactor   |
| Analysis Method  | Gravimetry   |
| Start Date   | 10/21/2000 8:00:00 PM  |
| Operation Schedule                                     | 1:1  |
| Sampling Season  | Year-round   |
| Probe Height   | 3m above roof  |
| Distance to Supporting Structure                       | 2m above platform  |
| Distance from Obstructions on Roof                     | None   |
| Distance from Obstructions Not on Roof                 | 30.5 meters  |
| Distance From Trees                                    | 40 meters to east, w, w, n; 2-5m above inlet                   |
| Distance to Furnace or Incinerator                     | None   |
| Distance Between Collocated Monitors                   | 3m to TEOM/FDMS inlet  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | No   |
| Frequency of flow verification, manual PM sampler      | Partisol: Monthly by Station Operator                          |
| Frequency of flow verification, automated PM analyzers | N/A  |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | Quarterly: 3/2/2016, 4/7/2016, 7/19/2016, 12/20/2016           |
| Frequency of External Audits                           | EPA 10/8/2009, 3/25/2010 ; ARB 11/3/2015, 10/20/2016           |



# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
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|                     |   |
|---------------------|---|
| Site Name           | <b>Mill</b>   |
| AQS Number          | 06-027-0030   |
| UTM X, Y (Zone 11)  | 423662.9, 4035093   |
| Location            | 2 miles south of Keeler   |
| Address             | East shore Owens Lake, CA                                       |
| County              | Inyo  |
| Distance to Road    | 0.4 km to Hwy 190. 590m east to Hwy 136; 15m east to access rd. |
| Traffic Count       | 430 on Hwy 395; 5 on access rd.                                 |
| Groundcover         | Gravel  |
| Representative Area | Regional  |

|                       |  |  |   |   |
|-----------------------|--|--|---|---|
| Met Installed?        | <input type="checkbox"/> Yes           | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input checked="" type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input type="checkbox"/> Yes           | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature       | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10 meters"/> | Temp Probe Height (m)  | <input type="text"/>  |   |

|  |  |
|--|--|
| Pollutant / POC  | PM-10 / 1  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  | 81102  |
| Monitor Objective                                      | NAAQS  |
| Site Type  | Source Impact  |
| Monitor Type   | SLAMS  |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous          |
| Method Code  | 079  |
| FRM/FEM  | FEM  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood Scale                                   |
| Sampling Method  | N/A  |
| Analysis Method  | Gravimetry   |
| Start Date   | 11/14/2001   |
| Operation Schedule                                     | hourly; offline 12/26/12-12/18/14                    |
| Sampling Season  | Year-round   |
| Probe Height   | 4.2 meters   |
| Distance to Supporting Structure                       | 1.8m below inlet                                     |
| Distance from Obstructions on Roof                     | N/A  |
| Distance from Obstructions Not on Roof                 | None   |
| Distance From Trees                                    | None   |
| Distance to Furnace or Incinerator                     | None   |
| Distance Between Collocated Monitors                   | N/A  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | N/A  |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                  |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | Quarterly: 3/17/2016, 6/15/2016, 8/2/2016, 12/9/2016 |
| Frequency of External Audits                           | ARB 10/19/11, 9/17/2015; EPA 11/10/11, 9/13/2016     |



# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
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|                     |                                     |
|---------------------|-------------------------------------|
| Site Name           | <b><i>Mono Shore</i></b>            |
| AQS Number          | <i>06-051-0011</i>                  |
| UTM X, Y (Zone 11)  | <i>329152.6, 4215350</i>            |
| Location            | <i>Northeast shore of Mono Lake</i> |
| Address             | <i>Mono Lake, CA</i>                |
| County              | <i>Mono</i>                         |
| Distance to Road    | <i>4.4 km north to CA Hwy 167</i>   |
| Traffic Count       | <i>200</i>                          |
| Groundcover         | <i>Course sand</i>                  |
| Representative Area | <i>Beach area, Mono Lake, CA</i>    |

|                       |                                 |  |   |  |
|-----------------------|---------------------------------|--|---|--|
| Met Installed?        | <input type="checkbox"/> Yes    | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input type="checkbox"/> Yes    | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text" value="7m"/> | Temp Probe Height (m)  | <input type="text" value="6 meters"/>                     |  |

|  |  |
|--|--|
| Pollutant / POC  | <i>PM-10 / 3</i>   |
| Primary/Collocated/Other                               | <i>Other</i>   |
| Paramter Code  | <i>81102</i>   |
| Monitor Objective                                      | <i>NAAQS</i>   |
| Site Type  | <i>Highest Concentration</i>                                 |
| Monitor Type   | <i>SLAMS</i>   |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | <i>TEOM 1400ab, EQPM-1090-079, PM10 continuous</i>           |
| Method Code  | <i>079</i>   |
| FRM/FEM  | <i>FEM</i>   |
| Collecting Agency                                      | <i>GBUAPCD</i>   |
| Analytical Lab   |  |
| Reporting Agency                                       | <i>GBUAPCD</i>   |
| Spatial Scale  | <i>Neighborhood Scale</i>                                    |
| Sampling Method  | <i>PM-10 Impactor</i>  |
| Analysis Method  | <i>Gravimetry</i>  |
| Start Date   | <i>6/2/2008</i>  |
| Operation Schedule                                     | <i>hourly</i>  |
| Sampling Season  | <i>Year-round</i>  |
| Probe Height   | <i>2.5 meters TEOM</i>                                       |
| Distance to Supporting Structure                       | <i>1.5m below inlet</i>                                      |
| Distance from Obstructions on Roof                     | <i>No obstructions on roof</i>                               |
| Distance from Obstructions Not on Roof                 | <i>No obstructions to air flow</i>                           |
| Distance From Trees                                    | <i>50 meters to dune shrubs which are below inlet height</i> |
| Distance to Furnace or Incinerator                     | <i>N/A</i>   |
| Distance Between Collocated Monitors                   | <i>N/A</i>   |
| Unrestricted Airflow                                   | <i>360</i>   |
| Probe Material   | <i>N/A</i>   |
| Residence Time   | <i>N/A</i>   |
| Will there be a change in 18 months?                   | <i>No</i>  |
| Suitable comparison against annual PM2.5?              | <i>No</i>  |
| Frequency of flow verification, manual PM sampler      | <i>N/A</i>   |
| Frequency of flow verification, automated PM analyzers | <i>TEOM: Bi-weekly by Station Operator</i>                   |
| Frequency of one-point QC check (gaseous)              | <i>N/A</i>   |
| Frequency of District Audits                           | <i>Quarterly: 3/2/2016, 4/7/2016, 7/19/2016, 12/20/2016</i>  |
| Frequency of External Audits                           | <i>EPA 11/9/2011; ARB 10/15/2014, 11/3/2015, 10/19/2016</i>  |



# GBUAPCD Site Report

|                     |   |
|---------------------|---|
| Site Name           | <b>Ncore/WMRC</b>   |
| AQS Number          | 06-027-0002   |
| UTM X, Y (Zone 11)  | 382151.5, 4135722   |
| Location            | Bishop, CA - White Mountain Research Center, Owens Valley Lab |
| Address             | 200 Poleta Road, BISHOP, CA. 93514                            |
| County              | Inyo  |
| Distance to Road    | 80 m north of site  |
| Traffic Count       | 200/day (estimate)  |
| Groundcover         | Decomposed granite  |
| Representative Area | 50-100 km radius  |

|                       |   |   |  |  |
|-----------------------|---|---|--|--|
| Met Installed?        | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Variable: Wind Direction | <input type="checkbox"/> Variable: Temperature       | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text"/>                    | Temp Probe Height (m)                             | <input type="text"/>                                 |  |

|  |  |
|--|--|
| Pollutant / POC  | PM-10 / 1  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  | 81102  |
| Monitor Objective                                      | NAAQS  |
| Site Type  | Background Level                                     |
| Monitor Type   | SLAMS  |
| Network Affiliation                                    | NCORE  |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous          |
| Method Code  | 079  |
| FRM/FEM  | FEM  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Regional   |
| Sampling Method  | PM-10 Impactor                                       |
| Analysis Method  | Gravimetry   |
| Start Date   | 4/7/2006   |
| Operation Schedule                                     | hourly   |
| Sampling Season  | Year-round   |
| Probe Height   | 5 meters (inlet)                                     |
| Distance to Supporting Structure                       | 1.3m below inlet                                     |
| Distance from Obstructions on Roof                     | No obstructions on roof                              |
| Distance from Obstructions Not on Roof                 | 3 meters to met tower                                |
| Distance From Trees                                    | Trees > 100m distant                                 |
| Distance to Furnace or Incinerator                     | N/A  |
| Distance Between Collocated Monitors                   | N/A  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | Yes  |
| Suitable comparison against annual PM2.5?              | No   |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                  |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | Quarterly: 2/2/2016, 4/20/2016, 8/1/2016, 11/15/2016 |
| Frequency of External Audits                           | EPA (none); ARB 10/14/2014, 12/2/2015, 10/18/2016    |



# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
157 Short Street, Bishop, CA 93514  
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|                     |   |
|---------------------|---|
| Site Name           | <b>Ncore/WMRC</b>   |
| AQS Number          | 06-027-0002   |
| UTM X, Y (Zone 11)  | 382151.5, 4135722   |
| Location            | Bishop, CA - White Mountain Research Center, Owens Valley Lab |
| Address             | 200 Poleta Road, BISHOP, CA. 93514                            |
| County              | Inyo  |
| Distance to Road    | 80 m north of site  |
| Traffic Count       | 200/day (estimate)  |
| Groundcover         | Decomposed granite  |
| Representative Area | 50-100 km radius  |

|                       |   |   |  |  |
|-----------------------|---|---|--|--|
| Met Installed?        | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Variable: Wind Direction | <input type="checkbox"/> Variable: Temperature       | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text"/>                    | Temp Probe Height (m)                             | <input type="text"/>                                 |  |

|  |   |
|--|---|
| Pollutant / POC  | Ozone / 1   |
| Primary/Collocated/Other                               | N/A   |
| Paramter Code  | 44201   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Background Level  |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    | NCORE   |
| Instrument Make and Model                              | Teledyne API  |
| Method Code  | 047   |
| FRM/FEM  | FRM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Regional  |
| Sampling Method  | See attached list   |
| Analysis Method  | See attached list   |
| Start Date   | 1/1/2013  |
| Operation Schedule                                     | Minutely  |
| Sampling Season  | Year-round  |
| Probe Height   | 4.9 meters (PM inlets); 3.8m gaseous                                    |
| Distance to Supporting Structure                       | 1.1m below inlet  |
| Distance from Obstructions on Roof                     | 1m from railing and IMPROVE inlets to north / 1.2m above roof (IMPROVE) |
| Distance from Obstructions Not on Roof                 | 265 meters east side of sparse trees                                    |
| Distance From Trees                                    | 265 meters east of station  |
| Distance to Furnace or Incinerator                     | No furnaces or incinearators within 4 miles                             |
| Distance Between Collocated Monitors                   | 1 meter, 20m in height  |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | Borosilicate glass and FEP Teflon                                       |
| Residence Time   | 11.11 seconds (system revised 3/2017)                                   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | Yes   |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | N/A   |
| Frequency of one-point QC check (gaseous)              | Bi-weekly by Station Operator   |
| Frequency of District Audits                           | Annually by ARB   |
| Frequency of External Audits                           | ARB: 10/18/2016   |





# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
157 Short Street, Bishop, CA 93514  
760.872.8211, <http://www.gbuapcd.org>

|                     |   |
|---------------------|---|
| Site Name           | <b>Ncore/WMRC</b>   |
| AQS Number          | 06-027-0002   |
| UTM X, Y (Zone 11)  | 382151.5, 4135722   |
| Location            | Bishop, CA - White Mountain Research Center, Owens Valley Lab |
| Address             | 200 Poleta Road, BISHOP, CA. 93514                            |
| County              | Inyo  |
| Distance to Road    | 80 m north of site  |
| Traffic Count       | 200/day (estimate)  |
| Groundcover         | Decomposed granite  |
| Representative Area | 50-100 km radius  |

|                       |   |   |  |  |
|-----------------------|---|---|--|--|
| Met Installed?        | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Variable: Wind Direction | <input type="checkbox"/> Variable: Temperature       | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text"/>                    | Temp Probe Height (m)                             | <input type="text"/>                                 |  |

|  |   |
|--|---|
| Pollutant / POC  | PM-2.5 / 1  |
| Primary/Collocated/Other                               | Other   |
| Paramter Code  | 88101   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Background Level  |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    | NCORE   |
| Instrument Make and Model                              | PM10 TEOM 1400ab/8500c FDMS, PM2.5 continuous                           |
| Method Code  | 181   |
| FRM/FEM  | FEM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Regional  |
| Sampling Method  | See attached list   |
| Analysis Method  | See attached list   |
| Start Date   | 1/1/2013  |
| Operation Schedule                                     | Minutely  |
| Sampling Season  | Year-round  |
| Probe Height   | 4.9 meters (PM inlets); 3.8m gaseous                                    |
| Distance to Supporting Structure                       | 1.1m below inlet  |
| Distance from Obstructions on Roof                     | 1m from railing and IMPROVE inlets to north / 1.2m above roof (IMPROVE) |
| Distance from Obstructions Not on Roof                 | 265 meters east side of sparse trees                                    |
| Distance From Trees                                    | 265 meters east of station  |
| Distance to Furnace or Incinerator                     | No furnaces or incinearators within 4 miles                             |
| Distance Between Collocated Monitors                   | 1 meter, 20m in height  |
| Unrestricted Airflow                                   | 360   |
| Probe Material   |   |
| Residence Time   |   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | Yes   |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                                     |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | Quarterly: 2/2/2016, 4/20/2016, 8/1/2016, 11/15/2016                    |
| Frequency of External Audits                           | ARB: 10/18/2016   |



# GBUAPCD Site Report

|                     |   |
|---------------------|---|
| Site Name           | <b>Ncore/WMRC</b>   |
| AQS Number          | 06-027-0002   |
| UTM X, Y (Zone 11)  | 382151.5, 4135722   |
| Location            | Bishop, CA - White Mountain Research Center, Owens Valley Lab |
| Address             | 200 Poleta Road, BISHOP, CA. 93514                            |
| County              | Inyo  |
| Distance to Road    | 80 m north of site  |
| Traffic Count       | 200/day (estimate)  |
| Groundcover         | Decomposed granite  |
| Representative Area | 50-100 km radius  |

Met Installed?  Yes  Variable: Wind Speed  Variable: Relative Humidity  Variable: Barometric Pressure

TEOM Installed?  Yes  Variable: Wind Direction  Variable: Temperature  Variable: Precipitation

Anemometer Height (m)  Temp Probe Height (m)

|  |   |
|--|---|
| Pollutant / POC  | SO2 / 1   |
| Primary/Collocated/Other                               | N/A   |
| Paramter Code  | 42401   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Background Level  |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    | NCORE   |
| Instrument Make and Model                              | Teledyne API  |
| Method Code  | 560   |
| FRM/FEM  | FRM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Regional  |
| Sampling Method  | See attached list   |
| Analysis Method  | See attached list   |
| Start Date   | 1/1/2013  |
| Operation Schedule                                     | Minutely  |
| Sampling Season  | Year-round  |
| Probe Height   | 4.9 meters (PM inlets); 3.8m gaseous                                    |
| Distance to Supporting Structure                       | 1.1m below inlet  |
| Distance from Obstructions on Roof                     | 1m from railing and IMPROVE inlets to north / 1.2m above roof (IMPROVE) |
| Distance from Obstructions Not on Roof                 | 265 meters east side of sparse trees                                    |
| Distance From Trees                                    | 265 meters east of station  |
| Distance to Furnace or Incinerator                     | No furnaces or incinearators within 4 miles                             |
| Distance Between Collocated Monitors                   | 1 meter, 20m in height  |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | Borosilicate glass and FEP Teflon                                       |
| Residence Time   | 17.0 seconds (system revised 3/2017)                                    |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | Yes   |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | N/A   |
| Frequency of one-point QC check (gaseous)              | Bi-weekly by Station Operator   |
| Frequency of District Audits                           | Annually by ARB   |
| Frequency of External Audits                           | ARB: 10/18/2016   |



# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
157 Short Street, Bishop, CA 93514  
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|                     |   |
|---------------------|---|
| Site Name           | <b>Ncore/WMRC</b>   |
| AQS Number          | 06-027-0002   |
| UTM X, Y (Zone 11)  | 382151.5, 4135722   |
| Location            | Bishop, CA - White Mountain Research Center, Owens Valley Lab |
| Address             | 200 Poleta Road, BISHOP, CA. 93514                            |
| County              | Inyo  |
| Distance to Road    | 80 m north of site  |
| Traffic Count       | 200/day (estimate)  |
| Groundcover         | Decomposed granite  |
| Representative Area | 50-100 km radius  |

Met Installed?  Yes  Variable: Wind Speed  Variable: Relative Humidity  Variable: Barometric Pressure  
 TEOM Installed?  Yes  Variable: Wind Direction  Variable: Temperature  Variable: Precipitation

Anemometer Height (m)  Temp Probe Height (m)

|  |   |
|--|---|
| Pollutant / POC  | CO / 1  |
| Primary/Collocated/Other                               | N/A   |
| Paramter Code  | 42101   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Background Level  |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    | NCORE   |
| Instrument Make and Model                              | Teledyne API  |
| Method Code  | 554   |
| FRM/FEM  | FRM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Regional  |
| Sampling Method  | See attached list   |
| Analysis Method  | See attached list   |
| Start Date   | 1/1/2013  |
| Operation Schedule                                     | Minutely  |
| Sampling Season  | Year-round  |
| Probe Height   | 4.9 meters (PM inlets); 3.8m gaseous                                    |
| Distance to Supporting Structure                       | 1.1m below inlet  |
| Distance from Obstructions on Roof                     | 1m from railing and IMPROVE inlets to north / 1.2m above roof (IMPROVE) |
| Distance from Obstructions Not on Roof                 | 265 meters east side of sparse trees                                    |
| Distance From Trees                                    | 265 meters east of station  |
| Distance to Furnace or Incinerator                     | No furnaces or incinearators within 4 miles                             |
| Distance Between Collocated Monitors                   | 1 meter, 20m in height  |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | Borosilicate glass and FEP Teflon                                       |
| Residence Time   | 17.84 seconds (system revised 3/2017)                                   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | Yes   |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | N/A   |
| Frequency of one-point QC check (gaseous)              | Bi-weekly by Station Operator   |
| Frequency of District Audits                           | Annually by ARB   |
| Frequency of External Audits                           | ARB: 10/18/2016   |



# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
157 Short Street, Bishop, CA 93514  
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|                     |                                   |
|---------------------|-----------------------------------|
| Site Name           | <b>North Beach</b>                |
| AQS Number          | 06-027-0029                       |
| UTM X, Y (Zone 11)  | 411379, 4044551                   |
| Location            | North shore, Owens Lake           |
| Address             | Owens Lake, CA                    |
| County              | Inyo                              |
| Distance to Road    | 30 meters north to Main Line Road |
| Traffic Count       | 10                                |
| Groundcover         | gravel                            |
| Representative Area | North shore, Owens Lake           |

|                       |                                  |  |  |  |
|-----------------------|----------------------------------|--|--|--|
| Met Installed?        | <input type="checkbox"/> Yes     | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input type="checkbox"/> Yes     | <input checked="" type="checkbox"/> Variable: Wind Direction | <input type="checkbox"/> Variable: Temperature       | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text" value="5.3"/> | Temp Probe Height (m)  | <input type="text" value="N/A"/>                     |  |

|  |   |
|--|---|
| Pollutant / POC  | PM-10 / 1   |
| Primary/Collocated/Other                               | Other   |
| Paramter Code  | 81102   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Source Impact   |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous   |
| Method Code  | 079   |
| FRM/FEM  | FEM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood Scale  |
| Sampling Method  | PM-10 Impactor  |
| Analysis Method  | Gravimetry  |
| Start Date   | 8/4/2014  |
| Operation Schedule                                     | hourly  |
| Sampling Season  | Year-round  |
| Probe Height   | 2 meters above roof; 4.4 meters AGL   |
| Distance to Supporting Structure                       | 1.5m below inlet  |
| Distance from Obstructions on Roof                     | No obstructions on roof; 1.1m from sample cone to IMPROVE inlet, 1.2 m to TAPI602 inlet |
| Distance from Obstructions Not on Roof                 | 4meters to power pole   |
| Distance From Trees                                    | No trees  |
| Distance to Furnace or Incinerator                     | N/A   |
| Distance Between Collocated Monitors                   | N/A   |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | No  |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator   |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | Quarterly: 2/11/2016, 6/8/2016, 9/8/2016, 11/2/2016                                     |
| Frequency of External Audits                           | EPA 11/10/2011; ARB 9/10/2014, 9/16/2015, 9/14/2016                                     |



# GBUAPCD Site Report

|                     |   |
|---------------------|---|
| Site Name           | <b>Olancha</b>                          |
| AQS Number          | 06-027-0021                             |
| UTM X, Y (Zone 11)  | 410805.6, 4014080                       |
| Location            | Community of Olancha, CA                |
| Address             | 131 WALKER CREEK RD., Olancha, CA 93549 |
| County              | Inyo                                    |
| Distance to Road    | 0.5 KM to Hwy 395                       |
| Traffic Count       | 5600                                    |
| Groundcover         | Sand, gravel, brush                     |
| Representative Area | Community of Olancha                    |

|                       |  |  |   |   |
|-----------------------|--|--|---|---|
| Met Installed?        | <input type="checkbox"/> Yes           | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input checked="" type="checkbox"/> Variable: Relative Humidity | <input checked="" type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input type="checkbox"/> Yes           | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature       | <input type="checkbox"/> Variable: Precipitation                  |
| Anemometer Height (m) | <input type="text" value="10 meters"/> | Temp Probe Height (m)  | <input type="text" value="9.15 meters"/>                        |   |

|  |   |
|--|---|
| Pollutant / POC  | PM-10 / 2   |
| Primary/Collocated/Other                               | Other   |
| Paramter Code  | 81102   |
| Monitor Objective                                      | NAAQS   |
| Site Type  | Source Impact, Population-oriented                      |
| Monitor Type   | SLAMS   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous             |
| Method Code  | 079   |
| FRM/FEM  | FEM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood Scale                                      |
| Sampling Method  | Gravimetry  |
| Analysis Method  | PM10 Impactor   |
| Start Date   | 8/17/1995   |
| Operation Schedule                                     | hourly  |
| Sampling Season  | Year-round  |
| Probe Height   | 4.45 meters   |
| Distance to Supporting Structure                       | 1.5m below inlet  |
| Distance from Obstructions on Roof                     | 3m to PM10 Partisol inlet(temporarily down)             |
| Distance from Obstructions Not on Roof                 | 10 meters to tower                                      |
| Distance From Trees                                    | 0.5 km  |
| Distance to Furnace or Incinerator                     | None  |
| Distance Between Collocated Monitors                   | N/A   |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | No  |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                     |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | Quarterly: 3/10/2016, 6/22/2016, 10/13/2016, 11/22/2016 |
| Frequency of External Audits                           | EPA 11/10/2011; ARB 9/10/2014, 9/17/2015, 9/15/2016     |



# GBUAPCD Site Report

|                     |   |
|---------------------|---|
| Site Name           | <b>Portable-1 TEOM</b>  |
| AQS Number          |   |
| UTM X, Y (Zone 11)  | ,   |
| Location            | <i>Variable, short (3-day periods) monitoring of source areas on Owens Lake</i> |
| Address             | <i>Owens Lake, CA</i>   |
| County              | <i>Inyo</i>   |
| Distance to Road    | <i>variable</i>   |
| Traffic Count       | <i>N/A</i>  |
| Groundcover         | <i>varies depending on location</i>   |
| Representative Area | <i>Owens Lake</i>   |

- Met Installed?  No  Variable: Wind Speed  Variable: Relative Humidity  Variable: Barometric Pressure  
 TEOM Installed?  Yes  Variable: Wind Direction  Variable: Temperature  Variable: Precipitation

Anemometer Height (m)  Temp Probe Height (m)

|  |  |
|--|--|
| Pollutant / POC  | <i>PM-10</i>   |
| Primary/Collocated/Other                               | <i>Other</i>   |
| Paramter Code  | <i>81102</i>   |
| Monitor Objective                                      | <i>Research</i>  |
| Site Type  | <i>Highest concentration</i>                                       |
| Monitor Type   | <i>Special Purpose Monitor</i>                                     |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | <i>TEOM 1400ab, EQPM-1090-079, PM10 continuous</i>                 |
| Method Code  | <i>079</i>   |
| FRM/FEM  | <i>FEM</i>   |
| Collecting Agency                                      | <i>GBUAPCD</i>   |
| Analytical Lab   |  |
| Reporting Agency                                       | <i>GBUAPCD</i>   |
| Spatial Scale  | <i>Neighborhood scale</i>  |
| Sampling Method  | <i>PM-10 Impactor</i>  |
| Analysis Method  | <i>Gravimetry</i>  |
| Start Date   | <i>1/1/2009</i>  |
| Operation Schedule                                     | <i>hourly</i>  |
| Sampling Season  | <i>Year-round</i>  |
| Probe Height   | <i>2.4 meters</i>  |
| Distance to Supporting Structure                       | <i>1.5m below inlet</i>  |
| Distance from Obstructions on Roof                     | <i>None</i>  |
| Distance from Obstructions Not on Roof                 | <i>None</i>  |
| Distance From Trees                                    | <i>None</i>  |
| Distance to Furnace or Incinerator                     | <i>None</i>  |
| Distance Between Collocated Monitors                   | <i>N/A</i>   |
| Unrestricted Airflow                                   | <i>360</i>   |
| Probe Material   | <i>N/A</i>   |
| Residence Time   | <i>N/A</i>   |
| Will there be a change in 18 months?                   | <i>Yes</i>   |
| Suitable comparison against annual PM2.5?              | <i>N/A</i>   |
| Frequency of flow verification, manual PM sampler      | <i>N/A</i>   |
| Frequency of flow verification, automated PM analyzers | <i>Upon installation and removal</i>                               |
| Frequency of one-point QC check (gaseous)              | <i>N/A</i>   |
| Frequency of District Audits                           | <i>N/A</i>   |
| Frequency of External Audits                           | <i>Upon installation and removal Upon installation and removal</i> |



# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
157 Short Street, Bishop, CA 93514  
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|                     |   |
|---------------------|---|
| Site Name           | <b>Portable-2 TEOM</b>  |
| AQS Number          |   |
| UTM X, Y (Zone 11)  | ,   |
| Location            | <i>Variable, short (3-day periods) monitoring of source areas on Owens Lake</i> |
| Address             | <i>Owens Lake, CA</i>   |
| County              | <i>Inyo</i>   |
| Distance to Road    | <i>variable</i>   |
| Traffic Count       | <i>N/A</i>  |
| Groundcover         | <i>Sandy crusts</i>   |
| Representative Area | <i>Owens Lake</i>   |

|                       |   |   |  |  |
|-----------------------|---|---|--|--|
| Met Installed?        | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> Variable: Wind Direction | <input type="checkbox"/> Variable: Temperature       | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text" value="3.3 meters"/> | Temp Probe Height (m)                             | <input type="text" value="N/A"/>                     |  |

|  |  |
|--|--|
| Pollutant / POC  | <i>PM-10</i>   |
| Primary/Collocated/Other                               | <i>Other</i>   |
| Paramter Code  | <i>81102</i>   |
| Monitor Objective                                      | <i>Research</i>  |
| Site Type  | <i>Highest concentration</i>                                       |
| Monitor Type   | <i>Special Purpose Monitor</i>                                     |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | <i>TEOM 1400ab, EQPM-1090-079, PM10 continuous</i>                 |
| Method Code  | <i>079</i>   |
| FRM/FEM  | <i>FEM</i>   |
| Collecting Agency                                      | <i>GBUAPCD</i>   |
| Analytical Lab   |  |
| Reporting Agency                                       | <i>GBUAPCD</i>   |
| Spatial Scale  | <i>Neighborhood scale</i>  |
| Sampling Method  | <i>PM-10 Impactor</i>  |
| Analysis Method  | <i>Gravimetry</i>  |
| Start Date   | <i>3/23/2010</i>   |
| Operation Schedule                                     | <i>hourly</i>  |
| Sampling Season  | <i>Year-round</i>  |
| Probe Height   | <i>2.35 meters</i>   |
| Distance to Supporting Structure                       | <i>0.8m below inlet</i>  |
| Distance from Obstructions on Roof                     | <i>None</i>  |
| Distance from Obstructions Not on Roof                 | <i>None</i>  |
| Distance From Trees                                    | <i>None</i>  |
| Distance to Furnace or Incinerator                     | <i>None</i>  |
| Distance Between Collocated Monitors                   | <i>N/A</i>   |
| Unrestricted Airflow                                   | <i>360</i>   |
| Probe Material   | <i>N/A</i>   |
| Residence Time   | <i>N/A</i>   |
| Will there be a change in 18 months?                   | <i>Yes</i>   |
| Suitable comparison against annual PM2.5?              | <i>N/A</i>   |
| Frequency of flow verification, manual PM sampler      | <i>N/A</i>   |
| Frequency of flow verification, automated PM analyzers | <i>Upon installation and removal</i>                               |
| Frequency of one-point QC check (gaseous)              | <i>N/A</i>   |
| Frequency of District Audits                           | <i>Quarterly: 2/2/2016, 4/20/2016, 8/1/2016, 11/15/2016</i>        |
| Frequency of External Audits                           | <i>Upon installation and removal Upon installation and removal</i> |



# GBUAPCD Site Report

|                     |   |
|---------------------|---|
| Site Name           | <b>Portable-3 TEOM</b>  |
| AQS Number          |   |
| UTM X, Y (Zone 11)  | ,   |
| Location            | <i>Variable, short (3-day periods) monitoring of source areas on Owens Lake</i> |
| Address             | <i>Owens Lake, CA</i>   |
| County              | <i>Inyo</i>   |
| Distance to Road    | <i>variable</i>   |
| Traffic Count       | <i>N/A</i>  |
| Groundcover         | <i>Sandy crusts</i>   |
| Representative Area | <i>Owens Lake</i>   |

Met Installed?  Yes  Variable: Wind Speed  Variable: Relative Humidity  Variable: Barometric Pressure  
 TEOM Installed?  Yes  Variable: Wind Direction  Variable: Temperature  Variable: Precipitation  
 Anemometer Height (m)  Temp Probe Height (m)

|  |  |
|--|--|
| Pollutant / POC  | <i>PM-10</i>   |
| Primary/Collocated/Other                               | <i>Other</i>   |
| Paramter Code  | <i>81102</i>   |
| Monitor Objective                                      | <i>Research</i>  |
| Site Type  | <i>Highest concentration</i>                                       |
| Monitor Type   | <i>Special Purpose Monitor</i>                                     |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | <i>TEOM 1400ab, EQPM-1090-079, PM10 continuous</i>                 |
| Method Code  | <i>079</i>   |
| FRM/FEM  | <i>FEM</i>   |
| Collecting Agency                                      | <i>GBUAPCD</i>   |
| Analytical Lab   |  |
| Reporting Agency                                       | <i>GBUAPCD</i>   |
| Spatial Scale  | <i>Neighborhood scale</i>  |
| Sampling Method  | <i>PM-10 Impactor</i>  |
| Analysis Method  | <i>Gravimetry</i>  |
| Start Date   | <i>9/1/2010</i>  |
| Operation Schedule                                     | <i>hourly</i>  |
| Sampling Season  | <i>Year-round</i>  |
| Probe Height   | <i>2.4 meters</i>  |
| Distance to Supporting Structure                       | <i>0.8m below inlet</i>  |
| Distance from Obstructions on Roof                     | <i>None</i>  |
| Distance from Obstructions Not on Roof                 | <i>None</i>  |
| Distance From Trees                                    | <i>None</i>  |
| Distance to Furnace or Incinerator                     | <i>None</i>  |
| Distance Between Collocated Monitors                   | <i>N/A</i>   |
| Unrestricted Airflow                                   | <i>360</i>   |
| Probe Material   | <i>N/A</i>   |
| Residence Time   | <i>N/A</i>   |
| Will there be a change in 18 months?                   | <i>Yes</i>   |
| Suitable comparison against annual PM2.5?              | <i>N/A</i>   |
| Frequency of flow verification, manual PM sampler      | <i>N/A</i>   |
| Frequency of flow verification, automated PM analyzers | <i>Upon installation and removal</i>                               |
| Frequency of one-point QC check (gaseous)              | <i>N/A</i>   |
| Frequency of District Audits                           | <i>Quarterly: 2/11/2016, 6/15/2016, 8/2/2016, 12/9/2016</i>        |
| Frequency of External Audits                           | <i>Upon installation and removal Upon installation and removal</i> |





# GBUAPCD Site Report

|                     |  |
|---------------------|--|
| Site Name           | <b>Shell Cut</b>   |
| AQS Number          | 06-027-0025  |
| UTM X, Y (Zone 11)  | 419477.7, 4024950  |
| Location            | South-east shore, Owens Lake   |
| Address             | SHELL CUT - HIGHWAY 190 - MIDWAY BETWEEN DIRTY SOX AND FLAT ROCK, Owens Lake, CA |
| County              | Inyo   |
| Distance to Road    | 164.5 meters to Hwy 190; 250m SE to CA Hwy 190                                   |
| Traffic Count       | 230  |
| Groundcover         | Dirt, sand, gravel, shrubs   |
| Representative Area | South-east shore Owens Lake  |

|                       |   |  |   |   |
|-----------------------|---|--|---|---|
| Met Installed?        | <input type="checkbox"/> Yes              | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input type="checkbox"/> Yes              | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10.03 meters"/> | Temp Probe Height (m)  | <input type="text" value="9.03 meters"/>                  |   |

|  |  |
|--|--|
| Pollutant / POC  | PM-10 / 2  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  | 81102  |
| Monitor Objective                                      | NAAQS  |
| Site Type  | Source Impact  |
| Monitor Type   | SLAMS  |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous          |
| Method Code  | 079  |
| FRM/FEM  | FEM  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood Scale                                   |
| Sampling Method  | PM-10 Impactor                                       |
| Analysis Method  | Gravimetry   |
| Start Date   | 1/8/2001   |
| Operation Schedule                                     | hourly   |
| Sampling Season  | Year-round   |
| Probe Height   | 4.47 meters; rain guage at 3.96 meters               |
| Distance to Supporting Structure                       | 1.7m below inlet                                     |
| Distance from Obstructions on Roof                     | No obstructions on roof                              |
| Distance from Obstructions Not on Roof                 | 2.6 meters (Met); 4.2 (powerline)                    |
| Distance From Trees                                    | No trees   |
| Distance to Furnace or Incinerator                     | 0  |
| Distance Between Collocated Monitors                   | 0  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | No   |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                  |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | Quarterly: 3/17/2016, 6/16/2016, 8/2/2016, 12/9/2016 |
| Frequency of External Audits                           | EPA 11/10/2011; ARB 9/9/2014, 9/15/2015, 9/13/2016   |



# GBUAPCD Site Report

|                     |                                   |
|---------------------|-----------------------------------|
| Site Name           | <b>Simis</b>                      |
| AQS Number          | 06-051-0007                       |
| UTM X, Y (Zone 11)  | 324798.3, 4217850                 |
| Location            | 1.8 km north of Mono Lake         |
| Address             | SIMIS RES-HIWY 167, MONO LAKE, CA |
| County              | Mono                              |
| Distance to Road    | 475 meters to CA 167; NW of site  |
| Traffic Count       | 120                               |
| Groundcover         | Sagebrush/Rabbitbrush Scrub       |
| Representative Area | High Desert                       |

|                       |                              |  |   |  |
|-----------------------|------------------------------|--|---|--|
| Met Installed?        | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input type="checkbox"/> No  | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text"/>         | Temp Probe Height (m)  | <input type="text"/>                                      |  |

|  |   |
|--|---|
| Pollutant / POC  | N/A                                     |
| Primary/Collocated/Other                               | N/A                                     |
| Paramter Code  |   |
| Monitor Objective                                      |   |
| Site Type  | MET data collection suspended July 2011 |
| Monitor Type   | SLAMS                                   |
| Network Affiliation                                    |   |
| Instrument Make and Model                              |   |
| Method Code  |   |
| FRM/FEM  |   |
| Collecting Agency                                      | GBUAPCD                                 |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD                                 |
| Spatial Scale  | Neighborhood                            |
| Sampling Method  | N/A                                     |
| Analysis Method  | N/A                                     |
| Start Date   | 5/21/1982                               |
| Operation Schedule                                     | hourly                                  |
| Sampling Season  | Year-round                              |
| Probe Height   | 10 meters AGL                           |
| Distance to Supporting Structure                       | N/A                                     |
| Distance from Obstructions on Roof                     | N/A                                     |
| Distance from Obstructions Not on Roof                 | N/A                                     |
| Distance From Trees                                    | 38 meters                               |
| Distance to Furnace or Incinerator                     | N/A                                     |
| Distance Between Collocated Monitors                   | N/A                                     |
| Unrestricted Airflow                                   | 360                                     |
| Probe Material   | N/A                                     |
| Residence Time   | N/A                                     |
| Will there be a change in 18 months?                   | No                                      |
| Suitable comparison against annual PM2.5?              | N/A                                     |
| Frequency of flow verification, manual PM sampler      | N/A                                     |
| Frequency of flow verification, automated PM analyzers | N/A                                     |
| Frequency of one-point QC check (gaseous)              | N/A                                     |
| Frequency of District Audits                           | N/A                                     |
| Frequency of External Audits                           |   |



# GBUAPCD Site Report

|                     |   |
|---------------------|---|
| Site Name           | <b>Stanley</b>  |
| AQS Number          | 06-027-0026   |
| UTM X, Y (Zone 11)  | 409315.3, 4024570                                     |
| Location            | Ash Point; West side Owens Lake, CA                   |
| Address             | BILL STANLEY SITE - OWENS LAKE, CA                    |
| County              | Inyo  |
| Distance to Road    | 85 meters to Lake Minerals Rd.; 1.15km west to US 395 |
| Traffic Count       | 1-LMR; 6600-395                                       |
| Groundcover         | sand and shrubs                                       |
| Representative Area | Southwestern shoreline of Owens Lake                  |

|                       |   |  |   |   |
|-----------------------|---|--|---|---|
| Met Installed?        | <input type="checkbox"/> Yes              | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity      | <input type="checkbox"/> Variable: Barometric Pressure      |
| TEOM Installed?       | <input type="checkbox"/> Yes              | <input checked="" type="checkbox"/> Variable: Wind Direction | <input checked="" type="checkbox"/> Variable: Temperature | <input checked="" type="checkbox"/> Variable: Precipitation |
| Anemometer Height (m) | <input type="text" value="10.06 meters"/> | Temp Probe Height (m)  | <input type="text" value="9.27 meters"/>                  |   |

|  |  |
|--|--|
| Pollutant / POC  | PM-10 / 1  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  | 81102  |
| Monitor Objective                                      | NAAQS  |
| Site Type  | Source Impact  |
| Monitor Type   | SLAMS  |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous          |
| Method Code  | 079  |
| FRM/FEM  | FEM  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood Scale                                   |
| Sampling Method  | PM-10 Impactor                                       |
| Analysis Method  | Gravimetry   |
| Start Date   | 3/4/2002   |
| Operation Schedule                                     | hourly   |
| Sampling Season  | Year-round   |
| Probe Height   | 4.61 meters; rain guage at 1.58 meters               |
| Distance to Supporting Structure                       | 1.9m below inlet                                     |
| Distance from Obstructions on Roof                     | 2.1 m to tower (attached to shelter)                 |
| Distance from Obstructions Not on Roof                 | 7.6 meters to power pole                             |
| Distance From Trees                                    | N/A - no trees                                       |
| Distance to Furnace or Incinerator                     | N/A  |
| Distance Between Collocated Monitors                   | N/A  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | No   |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                  |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | Quarterly: 3/17/2016, 6/16/2016, 8/2/2016, 12/9/2016 |
| Frequency of External Audits                           | EPA 11/10/2011; ARB 9/9/2014, 9/15/2015, 9/13/2016   |



# GBUAPCD Site Report

|                     |                                       |
|---------------------|---------------------------------------|
| Site Name           | <b>T-23 TEOM - Shut down Aug 2012</b> |
| AQS Number          |                                       |
| UTM X, Y (Zone 11)  | 420143.4, 4035210                     |
| Location            | Eastern Owens Lake Shallow Flood Area |
| Address             | Owens Lake, CA                        |
| County              | Inyo                                  |
| Distance to Road    | 2.4 meters to berm                    |
| Traffic Count       | N/A                                   |
| Groundcover         | Dirt, gravel, water                   |
| Representative Area |                                       |

Met Installed? Yes   
  Variable: Wind Speed   
  Variable: Relative Humidity   
  Variable: Barometric Pressure  
 TEOM Installed? Yes   
  Variable: Wind Direction   
  Variable: Temperature   
  Variable: Precipitation  
 Anemometer Height (m)    
 Temp Probe Height (m)

|  |  |
|--|--|
| Pollutant / POC  | PM-10  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  |  |
| Monitor Objective                                      |  |
| Site Type  | Source Impact, Special Purpose Monitor began April 2010. |
| Monitor Type   | Special Purpose Monitor                                  |
| Network Affiliation                                    |  |
| Instrument Make and Model                              |  |
| Method Code  |  |
| FRM/FEM  |  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood Scale                                       |
| Sampling Method  | PM-10 Impactor   |
| Analysis Method  | Gravimetry   |
| Start Date   | 3/8/2010   |
| Operation Schedule                                     | hourly   |
| Sampling Season  | Year-round   |
| Probe Height   | 4.1 meters   |
| Distance to Supporting Structure                       | N/A  |
| Distance from Obstructions on Roof                     | None   |
| Distance from Obstructions Not on Roof                 | None   |
| Distance From Trees                                    | None   |
| Distance to Furnace or Incinerator                     | None   |
| Distance Between Collocated Monitors                   | N/A  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | N/A  |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                      |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | N/A  |
| Frequency of External Audits                           |  |



# GBUAPCD Site Report

|                     |  |
|---------------------|--|
| Site Name           | <b>T-25 TEOM - Shut down Mar 2010</b>      |
| AQS Number          |  |
| UTM X, Y (Zone 11)  | 420186.2, 4036040                          |
| Location            | East-central Owens Lake                    |
| Address             | Owens Lake, CA                             |
| County              | Inyo                                       |
| Distance to Road    | 2.4 meters to berm                         |
| Traffic Count       | TBD  |
| Groundcover         | Dirt, gravel, water                        |
| Representative Area | Central Owens Lake special purpose monitor |

Met Installed?  No  Variable: Wind Speed  Variable: Relative Humidity  Variable: Barometric Pressure  
 TEOM Installed?  Yes  Variable: Wind Direction  Variable: Temperature  Variable: Precipitation

Anemometer Height (m)  Temp Probe Height (m)

|  |  |
|--|--|
| Pollutant / POC  | PM-10  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  |  |
| Monitor Objective                                      |  |
| Site Type  | Source Impact, Special Purpose Monitor shut down March 2010. |
| Monitor Type   | Special Purpose Monitor                                      |
| Network Affiliation                                    |  |
| Instrument Make and Model                              |  |
| Method Code  |  |
| FRM/FEM  |  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood scale   |
| Sampling Method  | PM-10 Impactor   |
| Analysis Method  | Gravimetry   |
| Start Date   | 4/24/2008  |
| Operation Schedule                                     | hourly   |
| Sampling Season  | Year-round   |
| Probe Height   | 4.1 meters   |
| Distance to Supporting Structure                       | 0  |
| Distance from Obstructions on Roof                     | 0  |
| Distance from Obstructions Not on Roof                 | 26.0 meters (Met/DWP)  |
| Distance From Trees                                    | 0  |
| Distance to Furnace or Incinerator                     | 0  |
| Distance Between Collocated Monitors                   | 0  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | N/A  |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                          |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | N/A  |
| Frequency of External Audits                           |  |



# GBUAPCD Site Report

|                     |   |
|---------------------|---|
| Site Name           | <b>T-27</b>                                       |
| AQS Number          |   |
| UTM X, Y (Zone 11)  | 419170.4, 4036794                                 |
| Location            | On-lake monitor, NE Owens Lake Shallow Flood Area |
| Address             | Owens Lake, CA                                    |
| County              | Inyo  |
| Distance to Road    | ~6m to Road #6 (Berm Road)                        |
| Traffic Count       | 10 per day (estimate)                             |
| Groundcover         | Dirt, gravel, water, vegetation                   |
| Representative Area | Northeastern Owens Lake                           |

|                       |  |  |  |  |
|-----------------------|--|--|--|--|
| Met Installed?        | <input type="checkbox"/> Yes             | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input type="checkbox"/> Yes             | <input checked="" type="checkbox"/> Variable: Wind Direction | <input type="checkbox"/> Variable: Temperature       | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text" value="5.32 meters"/> |  | Temp Probe Height (m)                                | <input type="text" value="N/A"/>                       |

|  |  |
|--|--|
| Pollutant / POC  | PM-10  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  | 81102  |
| Monitor Objective                                      | Research   |
| Site Type  | Source Impact, Special Purpose Monitor, began Aug 2012 |
| Monitor Type   | Special Purpose Monitor                                |
| Network Affiliation                                    |  |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous            |
| Method Code  | 079  |
| FRM/FEM  | FEM  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood Scale                                     |
| Sampling Method  | PM-10 Impactor   |
| Analysis Method  | Gravimetry   |
| Start Date   | 8/21/2012  |
| Operation Schedule                                     | Hourly (continuous)                                    |
| Sampling Season  | Year-round   |
| Probe Height   | 4.2 metersAGL (1.7m above shelter roof)                |
| Distance to Supporting Structure                       | 1.2m below inlet                                       |
| Distance from Obstructions on Roof                     | 2m to met. support post                                |
| Distance from Obstructions Not on Roof                 | None   |
| Distance From Trees                                    | none   |
| Distance to Furnace or Incinerator                     | None   |
| Distance Between Collocated Monitors                   | N/A  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | N/A  |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                    |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | Quarterly: 2/11/2016, 6/8/2016, 9/8/2016, 11/2/2016    |
| Frequency of External Audits                           |  |



# GBUAPCD Site Report

|                     |  |
|---------------------|--|
| Site Name           | <b>T-4 TEOM - Shut down July 2012</b>        |
| AQS Number          |  |
| UTM X, Y (Zone 11)  | 413926.8, 4022240                            |
| Location            | On-lake monitor, southern portion Owens Lake |
| Address             | Owens Lake, CA                               |
| County              | Inyo   |
| Distance to Road    | 4.7 meters                                   |
| Traffic Count       | TBD  |
| Groundcover         | Veg, sand, large gravel, water               |
| Representative Area | Southern Owens Lke                           |

Met Installed?  Yes  Variable: Wind Speed  Variable: Relative Humidity  Variable: Barometric Pressure  
 TEOM Installed?  Yes  Variable: Wind Direction  Variable: Temperature  Variable: Precipitation

Anemometer Height (m)  Temp Probe Height (m)

|  |  |
|--|--|
| Pollutant / POC  | PM-10  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  |  |
| Monitor Objective                                      |  |
| Site Type  | Source Impact; special purpose monitor began operation April 2010. |
| Monitor Type   | Special Purpose Monitor  |
| Network Affiliation                                    |  |
| Instrument Make and Model                              |  |
| Method Code  |  |
| FRM/FEM  |  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood scale   |
| Sampling Method  | PM-10 Impactor   |
| Analysis Method  | Gravimetry   |
| Start Date   | 2/25/2010  |
| Operation Schedule                                     | hourly   |
| Sampling Season  | Year-round   |
| Probe Height   | 4.7 meters   |
| Distance to Supporting Structure                       | 0  |
| Distance from Obstructions on Roof                     | 0  |
| Distance from Obstructions Not on Roof                 | 0  |
| Distance From Trees                                    | No trees   |
| Distance to Furnace or Incinerator                     | N/A  |
| Distance Between Collocated Monitors                   | N/A  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | No   |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                                |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | N/A  |
| Frequency of External Audits                           |  |



# GBUAPCD Site Report

|                     |   |
|---------------------|---|
| Site Name           | <b>T-7</b>                                      |
| AQS Number          |   |
| UTM X, Y (Zone 11)  | 412968.1, 4024666                               |
| Location            | On-lake monitor, southern portion of Owens Lake |
| Address             | Owens Lake, CA                                  |
| County              | Inyo  |
| Distance to Road    | 10m to driveway                                 |
| Traffic Count       | 2 per day (estimate)                            |
| Groundcover         | Veg, sand, open playa                           |
| Representative Area | Southern Owens Lake                             |

|                       |  |  |  |  |
|-----------------------|--|--|--|--|
| Met Installed?        | <input type="checkbox"/> Yes             | <input checked="" type="checkbox"/> Variable: Wind Speed     | <input type="checkbox"/> Variable: Relative Humidity | <input type="checkbox"/> Variable: Barometric Pressure |
| TEOM Installed?       | <input type="checkbox"/> Yes             | <input checked="" type="checkbox"/> Variable: Wind Direction | <input type="checkbox"/> Variable: Temperature       | <input type="checkbox"/> Variable: Precipitation       |
| Anemometer Height (m) | <input type="text" value="5.27 meters"/> | Temp Probe Height (m)  | <input type="text" value="N/A"/>                     |  |

|  |   |
|--|---|
| Pollutant / POC  | PM-10   |
| Primary/Collocated/Other                               | Other   |
| Paramter Code  | 81102   |
| Monitor Objective                                      | Research  |
| Site Type  | Source Impact, Special Purpose Monitor, began July 2012 |
| Monitor Type   | Special Purpose Monitor                                 |
| Network Affiliation                                    |   |
| Instrument Make and Model                              | TEOM 1400ab, EQPM-1090-079, PM10 continuous             |
| Method Code  | 079   |
| FRM/FEM  | FEM   |
| Collecting Agency                                      | GBUAPCD   |
| Analytical Lab   |   |
| Reporting Agency                                       | GBUAPCD   |
| Spatial Scale  | Neighborhood Scale                                      |
| Sampling Method  | PM-10 Impactor  |
| Analysis Method  | Gravimetry  |
| Start Date   | 7/9/2012  |
| Operation Schedule                                     | Hourly (continuous)                                     |
| Sampling Season  | Year-round  |
| Probe Height   | 4.4 meters  |
| Distance to Supporting Structure                       | 1.6m below inlet  |
| Distance from Obstructions on Roof                     | 1.7m to met. support post                               |
| Distance from Obstructions Not on Roof                 | No obstructions   |
| Distance From Trees                                    | none  |
| Distance to Furnace or Incinerator                     | N/A   |
| Distance Between Collocated Monitors                   | N/A   |
| Unrestricted Airflow                                   | 360   |
| Probe Material   | N/A   |
| Residence Time   | N/A   |
| Will there be a change in 18 months?                   | No  |
| Suitable comparison against annual PM2.5?              | N/A   |
| Frequency of flow verification, manual PM sampler      | N/A   |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                     |
| Frequency of one-point QC check (gaseous)              | N/A   |
| Frequency of District Audits                           | Quarterly: 2/11/2016, 6/8/2016, 9/8/2016, 11/2/2016     |
| Frequency of External Audits                           |   |





# GBUAPCD Site Report

Great Basin Unified Air Pollution Control District  
157 Short Street, Bishop, CA 93514  
760.872.8211, <http://www.gbuapcd.org>

|                     |   |
|---------------------|---|
| Site Name           | <b>T-8 TEOM - Shut down Feb 2010</b>        |
| AQS Number          |   |
| UTM X, Y (Zone 11)  | 414927.8, 4024930                           |
| Location            | South-central Owens Lake                    |
| Address             | Owens Lake, CA                              |
| County              | Inyo  |
| Distance to Road    | 19.2 meters (berm)                          |
| Traffic Count       | TBD   |
| Groundcover         | Veg, sand, large gravel                     |
| Representative Area | Southern Owens Lake special purpose monitor |

Met Installed?  No  Variable: Wind Speed  Variable: Relative Humidity  Variable: Barometric Pressure  
 TEOM Installed?  Yes  Variable: Wind Direction  Variable: Temperature  Variable: Precipitation  
 Anemometer Height (m)  Temp Probe Height (m)

|  |  |
|--|--|
| Pollutant / POC  | PM-10  |
| Primary/Collocated/Other                               | Other  |
| Paramter Code  |  |
| Monitor Objective                                      |  |
| Site Type  | Source Impact, Special Purpose Monitor shut down Feb 2010. |
| Monitor Type   | Special Purpose Monitor                                    |
| Network Affiliation                                    |  |
| Instrument Make and Model                              |  |
| Method Code  |  |
| FRM/FEM  |  |
| Collecting Agency                                      | GBUAPCD  |
| Analytical Lab   |  |
| Reporting Agency                                       | GBUAPCD  |
| Spatial Scale  | Neighborhood scale   |
| Sampling Method  | PM-10 Impactor   |
| Analysis Method  | Gravimetry   |
| Start Date   | 4/24/2008  |
| Operation Schedule                                     | hourly   |
| Sampling Season  | Year-round   |
| Probe Height   | 4.4. meters  |
| Distance to Supporting Structure                       | 0  |
| Distance from Obstructions on Roof                     | 0  |
| Distance from Obstructions Not on Roof                 | 0  |
| Distance From Trees                                    | No trees   |
| Distance to Furnace or Incinerator                     | 0  |
| Distance Between Collocated Monitors                   | 0  |
| Unrestricted Airflow                                   | 360  |
| Probe Material   | N/A  |
| Residence Time   | N/A  |
| Will there be a change in 18 months?                   | No   |
| Suitable comparison against annual PM2.5?              | N/A  |
| Frequency of flow verification, manual PM sampler      | N/A  |
| Frequency of flow verification, automated PM analyzers | TEOM: Bi-weekly by Station Operator                        |
| Frequency of one-point QC check (gaseous)              | N/A  |
| Frequency of District Audits                           | N/A  |
| Frequency of External Audits                           |  |