

## Title V Permit Evaluation

**Site Number:** B1928

**Site Name:** Calpine Pittsburg, Inc.

**Site Address:** North End of Loveridge Road, Pittsburg, CA 94565

### Periodic Monitoring:

#### Summary Table

#### NOx Sources

| S# & Description          | Federally Enforceable Emission Limit Citation | Federally Enforceable Emission Limit             | Potential to Emit: tpy | Monitoring          |
|---------------------------|---|--|------------------------|---------------------|
| S-67 Gas Turbine #1       | BAAQMD 9-9-301                                | Natural Gas<br>≤ 9 ppmv @ 15% O <sub>2</sub> dry | 18.7                   | Continuous/Existing |
| S-68 Waste Heat Boiler #1 | BAAQMD 9-9-301                                | Natural Gas<br>≤ 9 ppmv @ 15% O <sub>2</sub> dry | 11.1                   | Continuous/Existing |
| S-70 Gas Turbine #2       | BAAQMD 9-9-301                                | Natural Gas<br>≤ 9 ppmv @ 15% O <sub>2</sub> dry | 20.85                  | Continuous/Existing |
| S-71 Waste Heat Boiler #2 | BAAQMD 9-9-301                                | Natural Gas<br>≤ 9 ppmv @ 15% O <sub>2</sub> dry | 11.1                   | Continuous/Existing |
| S-73 Gas Turbine #3       | BAAQMD 9-9-301                                | Natural Gas<br>≤ 9 ppmv @ 15% O <sub>2</sub> dry | 23.56                  | Continuous/Existing |
| S-74 Waste Heat Boiler #3 | BAAQMD 9-9-301                                | Natural Gas<br>≤ 9 ppmv @ 15% O <sub>2</sub> dry | 11.1                   | Continuous/Existing |

#### Discussion

Carbon Monoxide and POC:

No CO or POC emission limitations apply; therefore, no monitoring is required.

Sulfur Dioxide:

Pursuant to permit condition, all combustion sources utilize utility-grade natural gas exclusively. Therefore, no monitoring is necessary to insure compliance with applicable SO<sub>2</sub> emission limitations.

PM<sub>10</sub>:

Pursuant to permit condition, all combustion sources utilize PUC quality natural gas exclusively. Therefore, no monitoring is necessary to insure compliance with applicable PM<sub>10</sub> emission limitations.

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**Permit Shield:**

No permit shield was requested.

**Alternate Operating Scenario:**

No alternate operating scenarios were requested.

**Compliance Status:**

All sources are in compliance with all applicable requirements.

**Alignment of Information in Application and Proposed Permit:**

There were no significant discrepancies between the information in the application and the proposed permit.