



This document does not permit the holder to violate any BAAQMD regulation or any other law.

PERMIT EXPIRATION DATE

MAY 1, 2023

PLANT# 653

Central Marin Sanitation Agency  
1301 Andersen Drive  
San Rafael, CA 94901

Location: Andersen Drive, East end  
San Rafael, CA 94901

S#	DESCRIPTION	[Schedule]	PAID
1	Reciprocating engine, 1050 hp, Waukesha, 2924 cu in Cogeneration Engine #2, 1050 bhp, 750 Kwe Emissions at: P1 Stack	[B]	299
3	Commercial/Institutional Boiler, 3180K BTU/hr max, Multifuel Boiler Fired with Sludge Gas or Natural Gas Emissions at: P3 Stack	[B]	260
4	Commercial/Institutional Boiler, 3180K BTU/hr max, Multifuel Boiler Fired with Sludge Gas or Natural Gas Emissions at: P4 Stack	[B]	260
11	Service Station G7576, 2 gasoline nozzles, Vehicle Non Retail Gasoline Dispensing Facility	[exempt]	0
15	Standby Diesel engine, 1200 hp, Cummins S/N 31127795 Emergency Standby Genset, Diesel 1135 HP Emissions at: P11 Stack	[B]	317
17	Standby Diesel engine, 275 hp, Caterpillar, 531 cu in Emergency Standby Diesel Generator Set Emissions at: P12 Stack	[B]	286
18	Standby Diesel engine, 275 hp, Caterpillar, 531 cu in Emergency Standby Diesel Generator Set Emissions at: P13 Stack	[B]	286

The operating parameters described above are based on information supplied by permit holder and may differ from the limits set forth in the attached conditions of the Permit to Operate. The limits of operation in the permit conditions are not to be exceeded. Exceeding these limits is considered a violation of District regulations subject to enforcement action.



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S#	DESCRIPTION	[Schedule]	PAID
19	Standby Diesel engine, 275 hp, Caterpillar, 531 cu in Emergency Standby Diesel Generator Set Emissions at: P14 Stack	[B]	286
20	Standby Diesel engine, 275 hp, Caterpillar, 531 cu in Emergency Standby Diesel Generator Set Emissions at: P15 Stack	[B]	286
21	Standby Diesel engine, 275 hp, EPA# 6CPXL08.8ESK Emergency Standby Diesel Generator Set Emissions at: P21 Stack	[B]	286
100	CHEM> Sewage, Wastewater treatment plant, Municipal sewage Municipal Wastewater Treatment Plant	[F]	565
110	CHEM> Sewage, Preliminary treatment, Municipal sewage Preliminary Treatment Abated by: A2 Packed Bed Scrubber A4 Packed Bed Scrubber A5 Packed Bed Scrubber Emissions at: P7 Stack P9 Stack P10 Stack	[G1]	2866
120	CHEM> Sewage, Primary treatment, Municipal sewage Primary Treatment	[G1]	2866
130	CHEM> Sewage, Secondary treatment, Municipal sewage Secondary Treatment Abated by: A3 Packed Bed Scrubber A4 Packed Bed Scrubber Emissions at: P8 Stack P9 Stack	[F]	514
140	CHEM> Sewage, Secondary clarifiers, Municipal sewage Secondary Clarifiers	[F]	514
150	CHEM> Sewage, Disinfection, Municipal sewage Disinfection Plant	[F]	514



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S#	DESCRIPTION	[Schedule]	PAID
160	CHEM> Sewage, Sludge handling processes, Municipal sewage Sludge Handling Abated by: A5 Packed Bed Scrubber Emissions at: P10 Stack	[G1]	2866
161	Misc MISC, Food waste, 1 tons/hr max Fats, Oils, Grease(FOG) & Food Waste Receiving Station Abated by: A7 Adsorption, Activated Carbon/Charcoal Emissions at: P22 Stack	[F]	514
170	CHEM> Sewage, Digesters, Municipal sewage Anaerobic Digesters Abated by: A6 Packed Bed Scrubber	[G1]	2866
A25	Industrial Flare - Other (not refinery), 5760K BTU/hr max Digester Gas Flare (formerly known as S-6) Emissions at: P6 Stack	[exempt]	0
A24	Industrial Flare - Other (not refinery), 5760K BTU/hr max Digester Gas Flare (formerly known as S-5) Emissions at: P5 Stack	[exempt]	0

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18 Permitted Sources, 3 Exempt Sources

\*\*\* See attached Permit Conditions \*\*\*



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\*\*\* PERMIT CONDITIONS \*\*\*

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| Source# | Subject to Condition Numbers |
|---------|------------------------------|
| -----   | -----                        |

|     |                     |
|-----|---------------------|
| 1   | 20461               |
| 11  | 14098, 20666, 23117 |
| 15  | 22820               |
| 17  | 22850               |
| 18  | 22850               |
| 19  | 22850               |
| 20  | 22850               |
| 21  | 22850               |
| 120 | 23455               |
| 150 | 23455               |
| 161 | 26136               |
| 170 | 26098               |

The operating parameters described above are based on information supplied by permit holder and may differ from the limits set forth in the attached conditions of the Permit to Operate. The limits of operation in the permit conditions are not to be exceeded. Exceeding these limits is considered a violation of District regulations subject to enforcement action.



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**COND# 14098** *applies to S# 11*

Pursuant to BAAQMD Toxic Section Policy, this facility's annual gasoline throughput shall not exceed 940,000 gallons in any consecutive 12 month period.

**COND# 20461** *applies to S# 1*

S-1 Cogeneration Engine #2, Natural Gas or Digester Gas Fired, 1050 bhp, 750 Kwe, Waukesha VGF48GLD

1. This engine shall be fired on digester gas or natural gas only. (Basis: Cumulative Increase)
2. Thermal Capacity Limitation: Total thermal input shall not exceed 84,184 MM Btu in any 12 month period. (Basis: Cumulative Increase)
3. NOx emissions, calculated as NO2, shall not exceed the following levels.  
(Basis: BACT, Cumulative Increase)
  - a. Natural Gas Combustion: 1.0 g/hp-hr.
  - b. Digester Gas Combustion: 1.25 g/hp-hr.
4. CO emissions shall not exceed the following levels.  
(Basis: BACT, Cumulative Increase)
  - a. Natural Gas Combustion: 2.75 g/hp-hr.
  - b. Digester Gas Combustion: 2.65 g/hp-hr.
5. NMHC emissions, calculated as methane, shall not exceed 1.0 g/hp-hr.  
(Basis: BACT, Cumulative Increase)
6. SO2 emissions shall not exceed 0.3 g/hp-hr.  
(Basis: BACT)
7. District approved flowmeters shall be installed on this engine to measure the respective digester gas



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gas and natural gas flow. These flowmeters shall be installed prior to any operation and maintained in good working order. (Basis: Cumulative Increase)

- 8. To demonstrate compliance with the limits specified in parts 3, 4, 5, and 6, the permit holder shall conduct a District-approved performance test within 60 days of startup. (Basis: Regulation 2-6-409.2)
- 9. Source S-2 Cogeneration engine may be operated simultaneously with engine S-1 for a period of 90 calendar days after initial startup of engine S-1. At the conclusion of the 90 day period, engine S-2 shall be shutdown permanently and the source permanently archived. (Basis: Reg 2-2-410)
- 10. Central Marin Sanitation Agency shall ensure that an annual performance test is conducted on this engine in accordance with District-approved test procedures to demonstrate ongoing compliance with the NOx, CO, NMHC, and SO2 limits specified in parts 3, 4, 5, and 6. (Basis: Regulation 2-6-409.2)
- 11. To determine compliance with the above conditions, the Permit Holder shall maintain the following records and provide all of the data necessary to evaluate compliance with the above conditions, including the following information (Basis: Regulation 2-6-409.2):
  - a. Monthly records of the quantity of digester gas and natural gas burned at this source.
  - b. Monthly records of the total thermal input in BTU.
  - c. All records shall be retained onsite for five years from the date of entry, and made available for inspection by District staff upon request.
  - d. These recordkeeping requirements do not replace the recordkeeping requirements contained in any applicable District Regulations.



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(Basis: Cumulative Increase, BAAQMD 9-1-304)

**COND# 20666** *applies to S# 11*

The owner/operator shall conduct and pass the following tests at the indicated intervals:

1. A Static Pressure Performance Test, in accordance with CARB procedure TP-201.3 at least once in each 12 month period.
2. Phase I Adaptor Static Torque Test on all rotatable Phase I adaptors in accordance with CARB TP-201.1B at least once in each 36 month period.
3. One of the following tests in each 36 month period. The measured leak rate for each component shall be within the limits set in the applicable CARB Executive Order:
  - a. Stations equipped with drop tube overflow prevention devices ("flapper valves"): a Drop Tube Overflow Prevention Device and Spill Container Drain Valve Leak Test in accordance with CARB Test Procedure TP-201.1D and the applicable CARB Executive Order.
  - b. All other stations: a Drop Tube/Drain Valve Assembly Leak Test in accordance with CARB Test Procedure TP-201.1C and the applicable CARB Executive Order.

The owner/operator shall Notify Source Test by email (gdfnotice@baaqmd.gov) or Fax (510-758-3087), at least 48 hours prior to any required testing. Submit test results in a District approved format within thirty (30) days of testing. For start up tests results, cover sheet shall include the plant number (Facility ID) and application number of the Authority to Construct permit. For annual test results, cover sheet shall include the plant number (Facility ID) and identified as 'Annual' in lieu of the application number. Test results shall be emailed (gdfresults@baaqmd.gov) or mailed to the Districts main office.

**COND# 22820** *applies to S# 15*

1. The owner/operator shall not exceed 20 hours per year per engine for reliability-related testing.  
Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]



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- 2. The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited.

[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

- 3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained.

[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

- 4. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.

- a. Hours of operation for reliability-related activities (maintenance and testing).
- b. Hours of operation for emission testing to show compliance with emission limits.
- c. Hours of operation (emergency).
- d. For each emergency, the nature of the emergency condition.
- e. Fuel usage for each engine(s).

[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

- 5. At School and Near-School Operation:  
If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the





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following requirements shall apply:

The owner/operator shall not operate each stationary emergency standby diesel-fueled engine for non-emergency use, including maintenance and testing, during the following periods:

- a. Whenever there is a school sponsored activity (if the engine is located on school grounds)
- b. Between 7:30 a.m. and 3:30 p.m. on days when school is in session.

"School" or "School Grounds" means any public or private school used for the purposes of the education of more than 12 children in kindergarten or any of grades 1 to 12, inclusive, but does not include any private school in which education is primarily conducted in a private home(s). "School" or "School Grounds" includes any building or structure, playground, athletic field, or other areas of school property but does not include unimproved school property.

[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

**COND# 22850** *applies to S#'s 17, 18, 19, 20, 21*

1. The owner/operator shall not exceed 50 hours per year per engine for reliability-related testing.  
[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]
2. The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal



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emission limits is not limited.  
[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated and properly maintained.  
[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

4. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.

- a. Hours of operation for reliability-related activities (maintenance and testing).
- b. Hours of operation for emission testing to show compliance with emission limits.
- c. Hours of operation (emergency).
- d. For each emergency, the nature of the emergency condition.
- e. Fuel usage for each engine(s).

[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

5. At School and Near-School Operation:  
If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the following requirements shall apply:

The owner/operator shall not operate each



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stationary emergency standby diesel-fueled engine for non-emergency use, including maintenance and testing, during the following periods:

- a. Whenever there is a school sponsored activity (if the engine is located on school grounds)
- b. Between 7:30 a.m. and 3:30 p.m. on days when school is in session.

"School" or "School Grounds" means any public or private school used for the purposes of the education of more than 12 children in kindergarten or any of grades 1 to 12, inclusive, but does not include any private school in which education is primarily conducted in a private home(s). "School" or "School Grounds" includes any building or structure, athletic field, or other areas of school property but does not include unimproved school property.

[Basis: Title 17, California Code of Regulations, section 93115, ATCM for Stationary CI Engines]

**COND# 23117 applies to S# 11**

PHASE II EXEMPTION PER REG 8-7-112.9, ORVR FLEETS

The owner/operator of the facility shall ensure the following:

- 1. At least 90% of the vehicles refueled at this facility shall be owned by a common operator and shall be equipped with On-board Refueling Vapor Recovery (ORVR) controls.
- 2. The facility shall retain records of vehicles refueled during the preceding consecutive twelve month period to demonstrate compliance with the above. Records shall be retained for 24 months and be made available for inspection by District staff upon request



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- 3. Conventional (i.e., non-vapor recovery) nozzles, breakaways and hoses shall be operated at this facility. Only low permeation hoses certified under E.O. NVR-1 shall be used. Prior to March 1, 2023, if a nozzle is newly installed or replaced, an enhanced conventional nozzle certified under E.O. NVR-1 shall be used. As of March 1, 2023, only enhanced conventional nozzles certified under E.O. NVR-1 shall be used.
- 4. All remaining vapor recovery piping (including internal dispenser piping) shall be capped with NPT galvanized pipe.

**COND# 23455** *applies to S#'s 120, 150*

Central Marin Sanitary Agency  
 1301 Anderson Drive  
 San Rafael, CA 94901  
 Application # 15518  
 Plant # 653  
 Permit Condition # 23455

- 1. In the event that a public nuisance odor source is identified at this facility, the owner/operator shall employ all measures, practices, or modifications necessary to abate the nuisance. [Basis: Regulation 1-301]
- 2. The owner/operator of this facility must maintain the average dry weather flow such that it must not exceed the (National Pollutant Discharge Elimination System (NPDES) permitted rate of 10 million gallons per day. [Basis: Cumulative Increase]

End of Conditions

**COND# 26098** *applies to S# 170*

S-170, Anaerobic Digesters

- 1. Emissions from S-170 shall be abated at all times by



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combustion at any or all of the following sources: S-1, S-3 and S-4, except as specified in Part 2. (Basis: Regulations 1-301, 8-2-301)

- 2. Emissions from S-170 shall be abated by S-5 and S-6 only when required as a result of gas production exceeding available combustion capacity, equipment testing, or emergency conditions. Fugitive or short-term unavoidable and incidental emissions of digester gas related to inherent digester design limitations, safety considerations or operational testing shall not be considered a violation of this part.

Inherent design limitations or standard operation and maintenance activities where incidental emissions of a digester gas could be expected to include (but are not limited to) the following:

- a. Preventative maintenance on pressure relief valves to ensure proper operations.
- b. Manual draining of condensate from digester gas piping to ensure proper digester operation.
- c. Collecting digester sludge samples through relief holes on digester covers.
- d. Digester gas diffusion through the Dystor membrane.

If detected and known, the occurrence, duration and cause of all emissions of digester gas other than those due to inherent digester design limitations or standard operation and maintenance shall be recorded. The Permit Holder shall perform and record the results of a monthly visual inspection of each digester tank.

Notwithstanding the above, the Permit Holder shall not cause or allow any of the above fugitive or incidental emissions to create a violation of any District Regulation. Fugitive emissions for a duration of less than 15 minutes in any consecutive 60 minute period shall not be considered a violation. (Basis: Cumulative Increase and Regulations 1-301, 2-5-302, 9-2)

- 3. The facility must monitor the pressure within S-170 at all times to ensure compliance with Part 2. (Regulation 9-2)



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- 4. Except during maintenance, A-6 shall at all times abate emissions from S-170. (Basis: Cumulative Increase)
- 5. The owner/operator shall properly operate and properly maintain A-6 in accordance with the manufacturer's specifications. (Basis: Cumulative Increase)
- 6. Digester gas total sulfur content shall not exceed 130 ppmv. (Basis: BACT)
- 7. The Permit Holder shall demonstrate compliance with the above limit by conducting weekly sampling and testing of the digester gas according to any of the following methodologies (Basis: Regulation 1-441):
  - a. Draeger Tube Test Method: A Draeger Tube test or a meter using a Draeger H2S sensor, Part No 680910, or equivalent, demonstrating an H2S level up to 130 ppmv shall demonstrate compliance with the above limit. An H2S measurement by Draeger Tube exceeding 130 ppmv shall not be deemed a violation but shall trigger a requirement to demonstrate compliance using either of the following methods b or c.
  - b. Portable Instrument Method: A Draeger PAC-III (or equivalent) portable meter with a hydrogen sulfide sensor capable of measuring up to 800 ppmv hydrogen sulfide.
  - c. Chromatographic Method: The Permit Holder may sample and test for sulfides according to BAAQMD Lab Method 44A (Manual of Procedures, Volume III), or by ASTM Method 5504, or by any other equivalent method, approved in advance by the APCO.
- 8. The permit holder shall record the dates, hours of use, and the purpose of flaring in a District-approved logbook, when any of the flares are used. (Basis: Regulation 2-6-409.2)

**COND# 26136** *applies to S# 161*

S-161, FOG and Food Waste Receiving Station

- 1. The owner/operator of S-161, FOG and Food Waste Receiving Station, shall not exceed waste throughput



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limits of 70,000 gallons during any day. (Basis: Cumulative Increase)

2. The owner/operator shall ensure S-161 is abated at all times of operation by A-7, Carbon Adsorption Odor Control System. (Basis: Cumulative Increase)
3. The owner/operator shall ensure that the precursor organic compound (POC) emissions of S-161 and A-7 do not exceed 2.02 lbs/calendar day and 20.3 ppm total carbon on a daily basis. The exhaust gas flow shall not exceed 600 scfm. A single exceedance of the POC limit of this Part, up to 9.99 lbs/calendar day, shall not be a violation provided that the facility submits a permit application, within 7-days of the exceedance, to increase the POC emissions limit for S-161. (Basis: Offsets)
4. The owner/operate shall ensure the concentration of hydrogen sulfide (H2S) emissions at the outlet of A-7 does not exceed 2 ppm. (Basis: Regulation 9-2)
5. The permit to operate for S-161, Pre-digestion Blend Tanks, is contingent upon compliance with Regulation 1-301, Standard for Public Nuisance, and Regulation 7, Odorous Substances. Upon receiving 10 or more complaints regarding odor in a 90 day period, the owner/operator shall take corrective action. (Basis: Regulation 2-1-403)
6. To demonstrate compliance with part 3 of this condition the owner/operator of S-161 shall take quarterly readings of POC at the outlet air stream of A-7, Carbon Adsorption Odor Control System. The owner/operator shall use a PID or a sample analyzed using EPA Test Method TO-15 to determine POC concentrations or an equivalent monitoring method approved by the Air Pollution Control Officer. (Basis: Regulation 8, Rule 2)
7. The owner/operator shall demonstrate compliance with the H2S limit in part 4 by conducting weekly sampling and testing of the exhaust stack according to any of the following methodologies:
  - a. Draeger Tube Test Method: A Draeger Tube test or a



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meter using a Draeger H2S sensor, Part No 680910, or equivalent, demonstrating an H2S level up to 200 ppmv shall demonstrate compliance with the above limit.

- b. Portable Instrument Method: A Draeger PAC-III or Jerome 631-X (or equivalent) portable meter with a hydrogen sulfide sensor.
- c. Chromatographic Method: The owner/operator may sample and test for sulfides according to BAAQMD Lab Method 44A (Manual of Procedures, Volume III), or by ASTM Method 5504, or by any other equivalent method, approved in advance by the APCO.

If the owner/operator can demonstrate 3 months of H2S results lower than 2.0 ppm at the outlet of A-7 the monitoring frequency for the H2S analysis may be reduced to at least once every calendar month. If any subsequent results from monthly monitoring are above the limits in Part 4, the owner/operator shall monitor every week until the owner/operator can demonstrate 3 continuous months of compliance with Part 4, at which time the monitoring frequency for H2S analysis may return to at least once every calendar month. (Basis: Regulation 1-441)

- 8. To determine compliance with the above conditions, the owner/operator shall maintain the following records and provide all of the data necessary to evaluate compliance with the above conditions, including but not limited to daily records of the following information:
  - a. Quarterly POC concentration readings;
  - b. Weekly H2S concentration readings;
  - c. All source test results.

(Basis: Regulation 1-441 and Cumulative Increase)

- 9. The owner/operator shall keep all monitoring, source test, and maintenance records as required by this condition, on site for at least five years from the date of data entry and the records shall be made available to District staff for inspection. These recordkeeping requirements shall not replace the recordkeeping requirements contained in any applicable District Regulations. (Basis: Cumulative Increase and Regulation 2-6-501)

~~~~~ END OF CONDITIONS ~~~~~



| S#          | Source Description                         | Annual Average lbs/day |      |     |      |      |
|-------------|--|------------------------|------|-----|------|------|
|             |  | PART                   | ORG  | NOx | SO2  | CO   |
| 1           | Cogeneration Engine #2, 1050 bhp, 750 Kwe  | 5.9                    | .9   | 7   | .1   | 67.4 |
| 3           | Boiler Fired with Sludge Gas or Natural Ga | -                      | -    | .3  | 0    | 0    |
| 4           | Boiler Fired with Sludge Gas or Natural Ga | -                      | -    | .3  | 0    | 0    |
| 11          | Non Retail Gasoline Dispensing Facility    | -                      | .1   | -   | -    | -    |
| 15          | Emergency Standby Genset, Diesel 1135 HP   | .02                    | .1   | 1.5 | -    | .3   |
| 17          | Emergency Standby Diesel Generator Set     | -                      | 0    | .1  | -    | 0    |
| 18          | Emergency Standby Diesel Generator Set     | .01                    | .1   | .8  | -    | .2   |
| 19          | Emergency Standby Diesel Generator Set     | .01                    | .1   | 1   | -    | .2   |
| 20          | Emergency Standby Diesel Generator Set     | -                      | .1   | .7  | -    | .2   |
| 21          | Emergency Standby Diesel Generator Set     | -                      | -    | .1  | -    | .1   |
| 100         | Municipal Wastewater Treatment Plant       | -                      | 13   | -   | -    | -    |
| 110         | Preliminary Treatment                      | -                      | -    | -   | -    | -    |
| 120         | Primary Treatment                          | -                      | -    | -   | -    | -    |
| 130         | Secondary Treatment                        | -                      | -    | -   | -    | -    |
| 140         | Secondary Clarifiers                       | -                      | -    | -   | -    | -    |
| 150         | Disinfection Plant                         | -                      | -    | -   | -    | -    |
| 160         | Sludge Handling                            | -                      | -    | -   | -    | -    |
| 161         | Fats, Oils, Grease(FOG) & Food Waste Recei | -                      | .2   | -   | -    | -    |
| 170         | Anaerobic Digesters                        | -                      | -    | -   | -    | -    |
| T O T A L S |  | 5.97                   | 15.9 | 63  | 10.3 | 84.5 |

\*\* PLANT TOTALS FOR EACH EMITTED TOXIC POLLUTANT \*\*

| Pollutant Name                           | Emissions lbs/day |
|--|-------------------|
| Benzene                                  | .13               |
| Formaldehyde                             | .69               |
| Perchloroethylene                        | .38               |
| Toluene                                  | 1.25              |
| 1,1,1-trichloroethane (with dioxane)     | .01               |
| Trichloroethylene                        | .02               |
| Xylene                                   | .67               |
| Chloroform                               | 1.29              |
| Methylene chloride                       | 1.41              |
| Dichlorobenzene                          | .32               |
| Diesel Engine Exhaust Particulate Matter | .06               |
| Ammonia (NH3) pollutant                  | 1.28              |