

CITY OF ELOY

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1. Introduction

This permit ~~renewal~~ pertains to an existing wastewater treatment facility operated by City of Eloy, a government entity. The SIC Code is 4952 and the NAICS code is 221320. The facility is located at 1750 North Eleven Mile Corner Road, Eloy, Arizona upon a parcel identified by Pinal County's Assessor parcel #404-12-002A5 and 404-12-0010. The source is situated in an area classified as non-attainment for PM₁₀.

The facility includes a 168 HP (125 kW) standby emergency generator, operated on diesel fuel, that runs on an average of 30 hours per year and a hydrogen sulfide (H₂S) odor control system. The generator is considered to be insignificant since it meets Pinal County's Code of Regulations requirement §1-3-140.75.b.viii of insignificant activity.

A complete list of equipment from which emissions are allowed by this permit is given in section 8 of this permit. As an informational disclosure, emissions listed in the last section of this permit entitled "Emission Inventory Table" constitute good-faith estimates of emissions subject to regulation, as set forth in the application for permit.

The wastewater processing operations emit hydrogen sulfide (H₂S). Pinal County has an ambient standard of 0.03 ppmv for H₂S. However, the application shows that facility uses an in-ground biofilter odor control system to control odiferous emissions, including H₂S, from the processing areas of the plant. The highest controlled outlet H₂S concentration is expected to be 12 ppmv. Based on Gaussian Dispersion modeling provided by the permittee, even at twice the highest controlled H₂S outlet concentration of 25 ppmv, the average daily fence line concentration should not exceed 0.028 mg/cubic meter or 0.02 ppmv from the biofilter area of 45ftx24ft within the given 350 feet odor setback required for such facilities. Accordingly, this permit does not impose any additional control requirements, but does require an initial testing of the scrubber system to verify the efficiency of H₂S control system.

The source does not fall subject to any applicable requirements under CAA §111 or §112. Therefore, this source does not require an operating permit under Title V of the CAA.

2. Authority to Construct

- A. Generally [*Federally enforceable pursuant to PCAQCD Code §§3-1-010, 3-1-040 (10/12/95) approved as a SIP element at 65 FR 79742 (12/20/00)*]

As an exercise of authority under PCAQCD's SIP-approved minor new source review program, this permit revision additionally authorizes the construction of the equipment enumerated in the Subsection B of this section. That authorization rests on a findings regarding the limited emission potential of the affected equipment, coupled with the enforceable control requirements under this permit. Therefore, based on the regulations in effect upon the date of issuance of this permit and a finding that allowable emissions from the equipment described in Subsection B will neither cause nor contribute to a violation of any ambient air quality standard even without additional limitations, and a further finding that in view of this permit this does not constitute a "major emitting source" within the meaning of Code §3-3-203, this permit constitutes authority to construct such equipment.

- B. Minor New Source Review Requirements - Equipment Authorized [*Federally enforceable pursuant to PCAQCD Code §§3-1-010, 3-1-040 (10/12/95) approved as a SIP element at 65 FR 79742 (12/20/00)*]; Material Permit Condition (Code §3-1-109)

All the equipment identified in §8.A of this permit.

- C. Minor New Source Review Requirements - Control Requirements [*Code §§3-1-010, 3-1-040 (as amended 10/12/95) approved as a SIP element at 61 FR 15717 (4/9/96)*]; Material Permit Condition (Code §3-1-109)

Permittee shall operate and maintain the odor control scrubber in order to achieve the manufacturer's designed control efficiency for H₂S, and meet the standard of §5-24-1030.H as described in section §3.D.2 of this permit.

3. Emission Limitations and Controls

- A. Applicable Limitations [*Federally enforceable pursuant to PCAQCD Code § 3-1-082 (11/3/93) approved as SIP Elements at 65 FR 79742 (12/20/00)*]

Where different standards or limitations apply under this permit, the most stringent combination shall prevail and be enforceable.

- B. Allowable Emissions [*Federally enforceable pursuant to PCAQCD Code § 3-1-040 (10/12/95) approved as SIP Elements at 65 FR 79742 (12/20/00)*]

The owner/operator ("Permittee") is authorized to discharge or cause to discharge into the atmosphere those emissions of air contaminants as set forth in this permit. Unless exempted under Code §3-2-180, Permittee shall not use any material, process, or equipment not identified in this permit which will cause emissions of any regulated air pollutant in excess of the 5.5 pound-per-day de minimis amount, unless authorized by a permit revision under as allowed under this permit, or by a separate permit issued by the District or other competent authority.

- C. Operational Limitation – **Emergency Generator**

Permittee shall not operate the emergency generator for non-emergency purposes for more than 72 hours in any calendar year.

- D. Hydrogen Sulfide Applicable Standards of Performance (Code §§5-24-1030.D, 5-24-1030.H)

1. No person shall emit gaseous or odorous materials from equipment, operations or premises under his control in such quantities of concentrations as to cause air pollution.
2. No person shall allow hydrogen sulfide (H₂S) to be emitted from any location in such manner and amount that the concentration of such emissions into the ambient air at any occupied place beyond the premises which the source is located exceeds 0.03 parts per million by volume for any averaging period of 30 minutes or more.

- E. Particulate Emissions - Opacity Limits

1. SIP Limitation [*Currently federally enforceable pursuant to PGAQCD Reg. 7-3-1.1 (6/16/80) approved as a SIP element at 47 FR 15579 (4/12/82)*] (Code §§2-8-300. and 4-2-040.)

The opacity of any plume or effluent shall not be greater than 40 percent as determined by Reference Method 9 in the Arizona Testing Manual (ADEQ, 1992). Nothing in this limitation shall be interpreted to prevent the discharge or emission of uncontaminated aqueous steam, or uncombined water vapor, to the open air.

2. Visibility Limiting Standard [*Federally enforceable pursuant to PCAQCD Code §2-8-300 (as amended 5/18/05) approved as a SIP element at 71 FR 15043 (3/27/06)*]

The opacity of any plume or effluent from any point source not subject to a New Source Performance Standard adopted under Chapter 6 of the Code, and not subject to an opacity standard in Chapter 5 of the Code, shall not be greater than 20% as determined in Method 9 in 40 CFR Part 60, Appendix A.

- F. Particulate Matter Reasonable Precautions [*Currently federally enforceable pursuant to Code §4-2-040 (6/29/93) approved as a SIP element at 72 FR 41896 (8/1/07) and PGAQD Reg. 7-3-1.2 (7/1/75) approved as a SIP element at 43 FR 53034 (11/15/78)*]

1. Permittee shall not cause, suffer, allow, or permit a building or its appurtenances, subdivision site, driveway, parking area, vacant lot or sales lot, or an urban or suburban open area to be constructed, used, altered, repaired, demolished, cleared, or leveled, or the earth to be moved or excavated, or fill dirt to be deposited, without taking reasonable precautions to effectively prevent fugitive dust from becoming airborne.
2. Permittee shall not cause, suffer, allow, or permit a vacant lot, or an urban or suburban open area, to be driven over or used by motor vehicles, such as but not limited to all-terrain vehicles, trucks, cars, cycles, bikes, or buggies, without taking reasonable precautions to effectively prevent fugitive dust from becoming airborne.
3. Permittee shall not disturb or remove soil or natural cover from any area without taking reasonable precautions to effectively prevent fugitive dust from becoming airborne.
4. Permittee shall not crush, screen, handle or convey materials or cause, suffer, allow or permit material to be stacked, piled or otherwise stored without taking reasonable precautions to effectively prevent fugitive dust from becoming airborne.
5. Stacking and reclaiming machinery utilized at storage piles shall be operated at all times with a minimum fall of material and in such a manner, or with the use of spray bars and wetting agents, as to prevent excessive amounts of particulate matter from becoming airborne. Other reasonable precautions shall be taken, as necessary, to effectively prevent fugitive dust from becoming airborne.
6. Permittee shall not cause, suffer, allow or permit transportation of materials likely to give rise to fugitive dust without taking reasonable precautions to prevent fugitive dust from becoming airborne. Earth and other material that is tracked out or transported by trucking and earth moving equipment on paved streets shall be removed by the party or person responsible for such deposits.

- G. Surface Stabilization [*Currently federally enforceable pursuant to Code §4-1-030 (10/28/15) approved as a SIP element at 82 FR 20267 (5/1/17)*]

1. Permittee shall not cause or allow visible fugitive dust emissions from open areas / vacant lots (areas not being utilized for an activity) to exceed 20% opacity based on EPA Method 9 or the continuous plume or intermittent plume methods listed in PCAQCD Code §4-9-340.

2. Permittee shall erect barriers or no trespassing signs upon evidence of trespass on open areas / vacant lots.
3. Permittee shall stabilize any open area / vacant lot greater than 1.0 acre that has 0.5 acre or more of disturbed surface and sign up for the Pinal County Dust Control forecast within 30 days of discovery. The open area / vacant lot shall be stabilized the day leading up to and the day that is forecast to be high risk for dust emissions.
4. Permittee shall not remove vegetation from open areas / vacant lots without applying dust suppressants before and during the weed abatement. Trackout onto paved surfaces must be prevented or eliminated and dust suppressants must be applied following weed abatement to stabilize the entire surface.
5. Stabilization of open areas / vacant lots is determined by the drop ball, threshold friction velocity, flat vegetation or standing vegetation methods listed in PCAQCD Code 4-9-320.
6. Permittee shall not cause or allow visible fugitive dust emissions from unpaved lots (areas being utilized for an activity) greater than 5000 square feet to exceed 20% opacity based on EPA Method 9 or the continuous plume or intermittent plume methods listed in PCAQCD Code §4-9-340.
7. Permittee shall not allow silt loading equal to or greater than 0.33 oz/ft² or allow the silt content to exceed 8% on unpaved lots greater than 5000 square feet.
8. Permittee shall stabilize unpaved lots greater than 5000 square feet by paving, applying a dust suppressant or graveling.
9. Permittee shall clean up trackout on a paved public roadway that exceeds 50 feet within 24 hours of discovery and limit opacity to 20% or less while using a rotary brush or broom.
10. Permittee shall make a record of the control measures applied.

H. Fuel Use Limitations (Code §§3-1-081)

1. Primary Fuel (Code §§5-23-1000, 1010.F)

The Permittee is allowed to burn gasoline, natural gas, propane, or diesel fuel which contains less than 0.9 percent sulfur by weight as fuel for the emergency generator.

2. Other Fuels

- a. The Permittee shall not use used oil, used oil fuel, hazardous waste, and hazardous waste fuel as defined in Codes §§3-1-081.G, 5-23-1010.F without first obtaining a separate permit or an appropriate permit revision.
- b. The Permittee shall not use used oil, used oil fuel, hazardous waste, and hazardous waste fuel (as defined in federal, state, or county codes and rules) without first obtaining a separate permit or an appropriate permit revision.

- I. General Maintenance Obligation *[Federally Enforceable Provision pursuant to code §3-1-081.E (9/5/01) approved as a SIP element at 66 FR 63166 (12/5/01)]* (~~Code §§3-1-081.E., 3-1-030.A.3)~~

At all times, including periods of start-up, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate the permitted facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.

4. Compliance Demonstration

- A. Hydrogen Sulfide Compliance Testing (Code §§3-1-160 & 3-1-170)

1. Testing Requirement

Permittee shall analyze ~~the~~ H₂S levels by one of the following methods. The following analysis shall be performed at a location representing the nearest possible occupied place beyond the premises on which the source of H₂S is located, even if the occupied space has not been built yet.

- a. Conduct a test to monitor the H₂S levels, or
- b. Conduct an air dispersion modeling analysis to determine H₂S concentration levels.

2. Test Protocol

A test protocol for testing H₂S emissions shall be submitted to the district for approval at least thirty days (30) before the actual testing.

3. Modeling Protocol

A modeling protocol shall be submitted to the district for approval at least thirty days before the actual modeling.

4. Test Reports

Permittee shall submit the testing or modeling report to the district detailing the results of the analysis within ~~30~~ *forty-five (45)* days of the completion of the demonstration.

5. Recurring Testing

- a. *If there have been no changes to the facility equipment or processes since the initial modelling or testing was submitted, the permittee shall not be required to perform the five year recurring testing or modelling.*
- b. *Permittee must provide notification to the control officer indicating that there have been no changes to the facility equipment or processes since submission of the initial modelling or testing.*
- c. *In the event that there are any changes to the facility equipment or processes, the following shall apply:*

- i. If the average H₂S concentration from the initial testing or modeling is less than 0.03 ppmv, then the testing or modeling shall be performed once every five years. If results indicate that the H₂S concentration is greater than 0.03 ppmv, then permittee shall perform a semi-annual testing or modeling until compliance is achieved.
- B. Hydrogen Sulfide Exceedance Compliance Plan (Code §§3-1-081.C, 3-1-083.A.7)
1. Additional Monitoring
 - a. Within ~~120~~ **sixty (60)** days of the exceedance of the hydrogen sulfide standard of 0.03 ppmv, permittee shall submit a compliance plan with proposed corrective measures including alternative odor control and additional monitoring/modeling based on the implementation of alternative odor controls. The compliance plan shall include a schedule for design and construction of the proposed alternatives.
 - b. **Within 90 days of the exceedance the Permittee shall submit a permit revision application to the District in order to implement the proposed corrective actions.**
 2. Operation and Maintenance Plan

Permittee shall maintain an O&M plan for the odor scrubber. As a part of the O&M plan, permittee shall establish key operating parameters for the scrubbers. Permittee shall monitor, operate and maintain the equipment in accordance with the manufacturer's approved O&M plan. Records of O&M plan shall be maintained at the facility at all times.
- C. Regular Emissions Monitoring [***Federally enforceable provision, pursuant to Code §3-1-084 (8/11/94)***]
1. Non-instrumental Emissions Monitoring - Oxides of Nitrogen (NO_x)

As a surrogate measurement for monitoring emissions of oxides of nitrogen, Permittee shall make a monthly record of the number of hours the emergency generator is operated.
 2. Non-instrumental Emissions Monitoring - Sulfur Dioxide (SO₂)

As an alternative to monitoring fuel sulfur, Permittee shall maintain a verification from the fuel supplier that diesel fuel for the generator does not contain more than 0.9% **sulfur** by weight.
 3. **Visual Inspections**

On a monthly basis, Permittee shall visually inspect the plant scrubber to ensure it is operating properly. Records of this inspection shall be kept, as well as any corrective measures taken as a result of the inspection.
- D. Recordkeeping [***Federally Enforceable Provision pursuant to code §3-1-084 (8/15/94) approved as a SIP element at 61 FR 15717 (4/9/96)***] (Code §3-1-083)
- Permittee shall maintain records of:

1. All information required pursuant to any provision of this permit, recorded in a permanent form suitable for inspection.
2. The occurrence and duration of any start-up, shutdown or malfunction in the operation of the permitted facility or any air pollution control equipment.

E. Compliance Reporting (Code §3-1-083.A)

In order to demonstrate compliance with the provisions of this permit, the Permittee shall submit an annual report containing a summary of the information required to be recorded pursuant to this permit, which summary shall clearly show that Permittee has complied with the operational and emissions limitations under this permit. The report shall be submitted to the District within 30 days after the end of each calendar year. Appendix A is a form which may be used for this report.

F. Annual Regular Compliance/Compliance Progress Certification (Code §3-1-175)

Permittee shall annually submit a certification of compliance with the provisions of this permit. The certification shall:

1. Be signed by a responsible official, namely the proprietor, a general partner, the president, secretary, treasurer or vice-president of the corporation, or such other person as may be approved by the Control Officer as an administrative amendment to this permit;
2. Identify each term or condition of the permit that is the basis of the certification;
3. Verify the compliance status with respect to each such term or condition;
4. Verify whether compliance with respect to each such term or condition has been continuous or intermittent;
5. Identify the permit provision, or other, compliance mechanism upon which the certification is based; and
6. Be postmarked within thirty (30) days of the start of each calendar year.

5. **Other Reporting Obligations**

- A. Deviations from Permit Requirements *[Federally Enforceable Provision pursuant to code §3-1-081.A.5.b (9/5/01) approved as a SIP element at 66 FR 63166 (12/5/01)]* (Code §3-1-081.A.5.b.)

Permittee shall report any deviation from the requirements of this permit along with the probable cause for such deviation, and any corrective actions or preventative measures taken to the District within ten days of the earlier of date the Permittee learned, or should have learned, of the deviation unless earlier notification is required by the provisions of this permit.

- B. *Annual Emissions Inventory [Federally Enforceable Provision pursuant to code §3-1-103 (2/22/95) approved as a SIP element at 65 FR 79742 (12/2/00)]*

Permittee shall complete and submit to the District an annual emissions inventory, disclosing actual emissions for the preceding calendar year. Submittal of the form set forth in Appendix A of this permit by January 30th of each year fulfills this requirement.

6. Fee Payment (Code §3-7-600)

As an essential obligation under this permit, permit fee shall be assessed by the District and paid by Permittee in accord with the provisions of Code Chapter 3, Article 7, as they may exist at the time the fee is due. The permit fee shall be due annually on or before the anniversary date of the issuance of an individual permit, or formal grant of approval to operate under a general permit, or at such other time as may be designated now or hereafter by rule. The District will notify the Permittee of the amount to be due, as well as the specific date on which the fee is due.

7. General Conditions**A. Term (Code §3-1-089)**

This permit shall have a term of five (5) years, measured from the date of issuance.

B. Basic Obligation (Code §3-1-081.)

Permittee shall operate in compliance with all conditions of this permit, the Pinal County Air Quality Control District ("the District") Code of Regulations ("Code"), and all State and Federal laws, statutes, and codes relating to air quality that apply to these facilities. Any permit noncompliance is grounds for enforcement action; for a permit termination, revocation and reissuance, or revision; or for denial of a permit renewal application and may additionally constitute a violation of the CAA.

C. Duty to Supplement Application (Code §§3-1-050.H, 3-1-081.A.8.e, 3-1-110)

Even after the issuance of this permit; a Permittee, who as an applicant who failed to include all relevant facts, or who submitted incorrect information in an application, shall, upon becoming aware of such failure or incorrect submittal, promptly submit a supplement to the application, correcting such failure or incorrect submittal. In addition, Permittee shall furnish to the District within thirty days any information that the Control Officer may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit and/or the Code.

D. Right to Enter (Code §§ 3-1-132, 8-1-050)

Authorized representatives of the District shall, upon presentation of proper credentials, be allowed:

1. To enter upon the premises where the source is located or in which any records are required to be kept under the terms and conditions of this permit;
2. To inspect any equipment, operation, or method required in this permit; and
3. To sample emissions from the source.

E. Transfer of Ownership (Code §3-1-090)

This permit may be transferred from one person to another by notifying the District at least 30 days in advance of the transfer. The notice shall contain all the information and items required by Code § 3-1-090. The transfer may take place if not denied by the District within 10 days of the receipt of the transfer notification.

F. Posting of Permit (Code §3-1-100)

Permittee shall firmly affix the permit, an approved facsimile of the permit, or other approved identification bearing the permit number, upon such building, structure, facility or installation for which the permit was issued. In the event that such building, structure, facility or installation is so constructed or operated that the permit cannot be so placed, the permit shall be mounted so as to be clearly visible in an accessible place within a reasonable distance of the equipment or maintained readily available at all times on the operating premises.

G. Permit Revocation for Cause (Code §3-1-140)

The Director of the District ("Director") may revoke this permit for cause, which cause shall include occurrence of any of the following:

1. The Director has reasonable cause to believe that the permit was obtained by fraud or material misrepresentation;
2. Permittee failed to disclose a material fact required by the permit application form or a regulation applicable to the permit;
3. The terms and conditions of the permit have been or are being violated.

H. Certification of Truth, Accuracy, and Completeness (Code § 3-1-175.)

Any application form, report, or compliance certification submitted pursuant to the Code shall contain certification by a responsible official of truth, accuracy, and completeness. This certification and any other certification required under Chapter 3 of the Code shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

I. Permit Expiration and Renewal (Code §3-1-089)

Expiration of this permit will terminate the facility's right to operate unless either a timely application for renewal has been submitted in accordance with §§3-1-050, 3-1-055 and 3-1-060, or a substitute application for a general permit under §3-5-490. For Class I permit renewals, a timely application is one that is submitted at least 6 months, but not greater than 18 months prior to the date of the permit expiration. For Class II or Class III permit renewals, a timely application is one that is submitted at least 3 months, but not greater than 12 months prior to the date of permit expiration.

J. Severability (Code §3-1-081.A.7)

The provisions of this permit are severable, and if any provision of this permit is held invalid the remainder of this permit shall not be affected thereby.

K. Permit Shield (Code § 3-1-102.)

1. Compliance with the terms of this permit shall be deemed compliance with any applicable requirement identified in this permit.

2. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

L. Permit Revisions (Code Chapter 3, Article 2)

1. This permit may be revised, reopened, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.
2. The permittee shall furnish to the Control Officer, within a reasonable time, any information that the Control officer may request in writing to determine whether cause exists for revising, revoking and reissuing, or terminating the permit or to determine compliance with the permit.
3. Permit amendments, permit revisions, and changes made without a permit revision shall conform to the requirements in Article 2, Chapter 3, of the Code.
4. Should this source become subject to a standard promulgated by the Administrator pursuant to CAA §112(d), then Permittee shall, within twelve months of the date on which the standard is promulgated, submit an application for a permit revision demonstrating how the source will comply with the standard. (Code §3-1-050.C.5)

M. Permit Re-opening (Code §3-1-087.)

1. This permit shall be reopened if either:
 - a. The Control Officer determines that it contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of it; or
 - b. The Control Officer determines that it needs to be revised or revoked to assure compliance with the applicable requirements.
2. If this permit must be reopened or revised, the District will notify the permittee in accord with Code §3-1-087.A.3.

N. Record Retention (Code §3-1-083.A.2.b)

Permittee shall retain for a period of five (5) years all documents required under this permit, including reports, monitoring data, support information, calibration and maintenance records, and all original recordings or physical records of required continuous monitoring instrumentation.

O. Scope of License Conferred (Code §3-1-081.)

This permit does not convey any property rights of any sort, or any exclusive privilege.

P. Excess Emission Reports; Emergency Provision (Code §3-1-081.E, Code §8-1-030)

1. To the extent Permittee may wish to offer a showing in mitigation of any potential penalty, underlying upset events resulting in excess emissions shall reported as follows:

- a. The permittee shall report to the Control Officer any emissions in excess of the limits established by this permit. Such report shall be in two parts:
 - i. Notifications by telephone or facsimile within 24 hours or the next business day, whichever is later, of the time when the owner or operator first learned of the occurrence of excess emissions, including all available information required under subparagraph b. below.
 - ii. Detailed written notification within 3 working days of the initial occurrence containing the information required under subparagraph b. below.
 - b. The excess emissions report shall contain the following information:
 - i. The identity of each stack or other emission point where the excess emissions occurred.
 - ii. The magnitude of the excess emissions expressed in the units of the applicable limitation.
 - iii. The time and duration or expected duration of the excess emissions.
 - iv. The identity of the equipment from which the excess emissions occurred.
 - v. The nature and cause of such emissions.
 - vi. If the excess emissions were the result of a malfunction, steps taken to remedy the malfunction and the steps taken or planned to prevent the recurrence of such malfunctions.
 - vii. The steps that were or are being taken to limit the excess emissions. To the extent this permit defines procedures governing operations during periods of start-up or malfunction, the report shall contain a list of steps taken to comply with this permit.
 - viii. To the extent excess emissions are continuous or recurring, the initial notification shall include an estimate of the time the excess emissions will continue. Continued excess emissions beyond the estimated date will require an additional notification.
2. An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

3. An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions of the following subparagraph are met.
4. The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During the period of emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and
 - d. The permittee submitted notice of the emergency to the Control Officer by certified mail or hand delivery within 2 working days of the time when emissions limitations were exceeded due to emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective action taken.

8. Facility Specific Data

A. Equipment

~~Equipment for which emissions are allowed by this permit are as follows:~~

1. **Wastewater Treatment Plant – 650,000 gallons/day**
 - a. **In-Ground Biofilter** Hydrogen Sulfide Odor Control System

B. Insignificant Activity

1. Stamford, Diesel-fueled 168 HP **(125 kW) Emergency** Generator

C. Emission Inventory Table

ID	Source	Pollutants	Emission Rate Tons/Yr.
1	Odor Control System	Hydrogen Sulfide (H ₂ S)	0.5

Appendix A

Annual Report

Permit ~~S16130.000~~ S16186.000

Abstract

This constitutes an annual report, documenting emissions and use of emission-generating materials during the subject reporting period.

Facility - City of Eloy Wastewater Treatment Plant
1750 North Eleven Mile Corner Road, Eloy, Arizona

Reporting Period - January to December Year _____

Emergency Generator ~~Engine Compliance~~ Report

Operational hours of the generator - _____ hours

Did the diesel-fueled emergency generator engine operate for less than 72 hours during the reporting period, per the requirements in section §3.C.?..... Yes _____ No _____

Hydrogen Sulfide Compliance Report

Was the testing/modeling to show compliance with hydrogen sulfide standards performed as required under section §4.A? Yes _____ No _____

During testing ~~required under section 4.A~~, were there any exceedances of the hydrogen sulfide standards of 0.03 ppmv? Yes _____ No _____

Please list the date of the most recent performance test _____

In case of exceedances, was a compliance plan submitted as required under section §4.B.1?..... Yes _____ No _____ Not Applicable _____

Was an Operation and Maintenance (O&M) Plan for the scrubber maintained at the facility as required under Section §4.B.2?..... Yes _____ No _____

Were the odor control systems visually inspected as required by §4.C.3? Yes _____ No _____

Certification by Responsible Official

I certify that, based on information and belief formed after reasonable inquiry, that the statements and information in this report are true, accurate and complete.

Signed _____

Printed Name _____

Title _____

Date _____

Contact Phone Number _____

Email to - compliancereports@pinal.gov, or

Mail to - Pinal County Air Quality Control District
 P.O. Box 987
 Florence, AZ 85132