

Texas Commission on Environmental Quality

PBR New Registration

Site Information (Regulated Entity)

| | |
|--|-----------------------------------|
| What is the name of the site to be authorized? | Bryan Production Facility |
| Does the site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 1839 SHILOH AVE |
| City | BRYAN |
| State | TX |
| ZIP | 77803 |
| County | BRAZOS |
| Latitude (N) (##.#####) | |
| Longitude (W) (-###.#####) | |
| Primary SIC Code | 2869 |
| Secondary SIC Code | |
| Primary NAICS Code | 325998 |
| Secondary NAICS Code | |
| Regulated Entity Site Information | |
| What is the Regulated Entity's Number (RN)? | |
| What is the name of the Regulated Entity (RE)? | Bryan Production Facility |
| Does the RE site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 1839 SHILOH AVE |
| City | BRYAN |
| State | TX |
| ZIP | 77803 |
| County | BRAZOS |
| Latitude (N) (##.#####) | |
| Longitude (W) (-###.#####) | |
| Facility NAICS Code | 325998 |
| What is the primary business of this entity? | Fertilizer Products Manufacturing |

Customer (Applicant) Information

| | |
|--|----------------|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | |
| Type of Customer | Corporation |
| Full legal name of the applicant: | |
| Legal Name | BioXRG, Inc. |
| Texas SOS Filing Number | 0805492688 |
| Federal Tax ID | |
| State Franchise Tax ID | 32080800561 |
| State Sales Tax ID | |
| Local Tax ID | |
| DUNS Number | |
| Number of Employees | |
| Independently Owned and Operated? | |
| I certify that the full legal name of the entity applying for this permit has been provided and is legally authorized to do business in Texas. | Yes |
| Responsible Authority Contact | |
| Organization Name | BioXRG, Inc. |
| Prefix | MR |

| | |
|--|-------------------------|
| First | Wolfgang |
| Middle | |
| Last | Verdegaal |
| Suffix | |
| Credentials | |
| Title | Chief Operating Officer |
| Responsible Authority Mailing Address | |
| Enter new address or copy one from list: | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 1839 SHILOH AVE |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | BRYAN |
| State | TX |
| ZIP | 77803 |
| Phone (###-###-####) | 9793839241 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | Wolfgang@bioxrg.com |

Responsible Official Contact

Person TCEQ should contact for questions about this application:

| | |
|--|-------------------------|
| Same as another contact? | BioXRG, Inc. |
| Organization Name | BioXRG, Inc. |
| Prefix | MR |
| First | Wolfgang |
| Middle | |
| Last | Verdegaal |
| Suffix | |
| Credentials | |
| Title | Chief Operating Officer |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 1839 SHILOH AVE |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | BRYAN |
| State | TX |
| ZIP | 77803 |
| Phone (###-###-####) | 9793839241 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | Wolfgang@bioxrg.com |

Technical Contact

Person TCEQ should contact for questions about this application:

| | |
|--------------------------|------------|
| Same as another contact? | |
| Organization Name | BioXRG Inc |
| Prefix | MR |

| | |
|--|-----------------|
| First | Jake |
| Middle | |
| Last | Blasingame |
| Suffix | |
| Credentials | |
| Title | Design Engineer |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 1839 SHILOH AVE |
| Routing (such as Mail Code, Dept., or Attn:) | |
| City | BRYAN |
| State | TX |
| ZIP | 77803 |
| Phone (###-###-####) | 2172740818 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | jake@bioxrg.com |

PBR General Information - New Sites

| | |
|---|-----|
| 1) To determine fee amount does this business qualify as a small business, non-profit organization, or small government entity? | Yes |
| 2) Is this application for a portable facility? | No |
| 3) Are there any other registered air authorizations at this site? | No |
| 4) Is this project located at a major site? | No |
| 5) Does this registration require certification or is certification being submitted voluntarily? | Yes |
| 6) Is the facility in compliance with all PBRs claimed? | Yes |
| 7) Is the facility in compliance with all other applicable state/federal rules and regulations? | Yes |
| 8) Is the facility in compliance with all applicable distance requirements? | Yes |

Section 1 Rule Selection

Rule#: 1

| | |
|--|----------------------------------|
| Select the type of unit that is being registered. | BENCH SCALE LABORATORY EQUIPMENT |
| Select the rule(s) associated to the unit specified. | 106.122 |

Rule#: 2

| | |
|--|--|
| Select the type of unit that is being registered. | BOILERS HEATERS AND OTHER COMBUSTION DEVICES |
| Select the rule(s) associated to the unit specified. | 106.183 |

Rule#: 3

| | |
|--|-----------------------------------|
| Select the type of unit that is being registered. | FACILITIES (EMISSION LIMITATIONS) |
| Select the rule(s) associated to the unit specified. | 106.261 |

Rule#: 4

Select the type of unit that is being registered.

FACILITIES (EMISSION AND DISTANCE LIMITATIONS)

Select the rule(s) associated to the unit specified.

106.262

Rule#: 5

Select the type of unit that is being registered.

ORGANIC LIQUID LOADING AND UNLOADING

Select the rule(s) associated to the unit specified.

106.473

Rule#: 6

Select the type of unit that is being registered.

STORAGE TANK AND CHANGE OF SERVICE

Select the rule(s) associated to the unit specified.

106.478

Section 2 Rule Selection

Rule#: 7

Select the type of unit that is being registered.

COOLING-WATER UNITS

Select the rule(s) associated to the unit specified.

106.371

106.473 Rule Compliance

1) Do the facility operations involve organic liquids loading or unloading equipment for railcars, tank trucks, or drums; and storage containers, tanks, or change of service of the material loaded, unloaded, or stored?

Yes

2) Are uncontrolled emissions, calculated using AP-42, less than 25 tons per year of organic compounds or of any other air contaminants?

Yes

3) Is the liquid loading rate of all facilities less than 20,000 gallons per day averaged over any consecutive 30 day period?

Yes

4) Does the capacity of the tank(s) exceed 25,000 gallons?

No

5) Are the facilities used exclusively for the loading, unloading, or storage of:

Organic liquids normally used as solvents, diluents, thinners, inks, colorants, paints, lacquers, enamels, varnishes, liquid resins, or other surface coatings.

6) Are any facilities used for the loading, unloading, or storage of any compound listed in 40 Code of Federal Regulations 261, Appendix VIII?

No

7) Please select any/all State or Federal Standards that apply to this facility.

None

106.478 Rule Compliance

1) Is the storage tank(s) located at least 500 feet to the nearest off-site receptor?

Yes

2) Is the true vapor pressure of the compound(s) to be stored less than 11.0 psia at the maximum storage temperature?

Yes

3) Is the true vapor pressure of the compounds(s) to

Yes

be stored greater than 0.5 psia and less than 11.0 psia at the maximum storage temperature?

| | |
|--|-------------------|
| 3.1. Is the capacity of the tank(s) greater than 40,000 gallons? | No |
| 4) Is the true vapor pressure of the compound(s) to be stored less than or equal to 0.5 psia at the maximum storage temperature? | Yes |
| 5) Is each fixed or cone roof tank, those not equipped with an internal floating roof, painted chalk white, except where a dark color is necessary to help the tank absorb or retain heat in order to maintain the material in the tank in a liquid state? | Yes |
| 6) Have the tank(s) emissions been calculated using the methods specified in Section 7.1 of the United States Environmental Protection Agency Publication AP-42 or an equivalent method? | AP-42 Section 4.3 |
| 7) Is the tank(s) greater than 25,000 gallons and located in a designated nonattainment area for ozone? | No |
| 8) Are the chemicals or mixtures of chemicals to be stored limited to those shown in Table 478? | No |
| 8.1. Do mixtures of chemicals listed in Table 478 contain more than a total of 1.0% percent by volume of all other chemicals not listed in Table 478? | No |
| 9) Please select any/all State or Federal Standards that apply to this facility. | None |

106.4 Rule Compliance

| | |
|--|------|
| 1) What are the annual VOC emissions in tons per year (tpy) for this registration? | 4.26 |
| 2) What are the total annual SO2 emissions in tpy for this registration? | 0.07 |
| 3) What are the total annual NOx emissions in tpy for this registration? | 6.46 |
| 4) What are the total annual CO emissions in tpy for this registration? | 2.31 |
| 5) What are the total annual PM emissions in tpy for this registration? | 0.74 |
| 6) What are the total annual PM10 emissions in tpy for this registration? | 0.61 |
| 7) What are the total annual PM2.5 emissions in tpy for this registration? | 0.49 |
| 8) What are the total annual H2S emissions in tpy for this registration? | 0 |
| 9) What are the total annual HAP emissions in tpy for this registration? | 0 |

PBR Attachments

Please attach one PDF with all required documents to complete the project.

[File Properties]

| | |
|--------------|--|
| File Name | 106.261-262 Workbook.xlsx |
| Hash | 85DD07A06379C0B9685B7B93CB77B4FAC7B702D6C299F6D84AC4786FBC3C4DBA |
| MIME-Type | application/vnd.openxmlformats-officedocument.spreadsheetml.sheet |
| Confidential | No |

[File Properties]

| | |
|--------------|---|
| File Name | Bio XRG PBR Submittal 2024-11-08.pdf |
| Hash | 85FBF727170593ABF97A3822EE04368339563510530521380C4D448B54AA436A |
| MIME-Type | application/pdf |
| Confidential | No |

[File Properties]

| | |
|--------------|--|
| File Name | Bio XRG PBR Submittal CONFIDENTIAL 2024-11-08.pdf |
| Hash | 180CE9C50886A7485611F17633387E09D8A31F496EBA6900A1C4A7F956E279D0 |
| MIME-Type | application/pdf |
| Confidential | Yes |

Please attach any other necessary information needed to complete the registration.

Expedite

| | |
|---|----|
| 1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application? | No |
|---|----|

Certification

The electronic signature below indicates that the Responsible Official has knowledge of the facts herein set forth and that the same are true, accurate, and complete to the best of my knowledge and belief. By this signature, the maximum emission rates listed on this certification reflect the maximum anticipated emissions due to the operation of this facility, and all representations in this certification of emissions are conditions upon which the facilities and sources will operate. It is understood that it is unlawful to vary from these representations unless the certification is first revised. The signature certifies that to the best of the Responsible Official's knowledge and belief, the project will satisfy the conditions and limitations of the indicated exemption or permit by rule and the facility will operated in compliance with all regulations of the Texas Commission on Environmental Quality and with Federal U.S. Environmental Protection Agency regulations governing air pollution. The signature below certifies that, based on information and belief formed after reasonable inquiry, the statements and information above and contained in the attached document(s) are true, accurate, and complete. If you have any questions on how to fill out this form or about air permits, please call (512) 239-1250. Individuals are entitled to request and review their personal information that the agency gathers on its forms.

1. I am Jacob D Blasingame, the owner of the STEERS account ER108689.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing a PI-7CERT for a PBR New Registration.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER OPERATOR Signature: Jacob D Blasingame OWNER OPERATOR

Customer Number:

Legal Name:BioXRG, Inc.

Account Number:ER108689

Signature IP Address:69.5.195.23

Signature Date:2024-11-08

Signature Hash:8CDBA14BEE302C7B918298C34B7D729E0F791EB
1DCE9C23ADE276B7036777362

Form Hash Code at time of Signature:B521A2DF4FC4D67AFFEAB79D7C3A61E0264D3D
C8C9C881010D3732C01A53D503

Fee Payment

Transaction by:The application fee payment transaction was made by ER108689/Jacob D Blasingame

Paid by:The application fee was paid by WOLFGANG VERDEGAAL

Fee Amount:\$100.00

Paid Date:The application fee was paid on 2024-11-08

Transaction/Voucher number:The transaction number is 582EA000633602 and the voucher number is 730154

Submission

Reference Number:The application reference number is 688005

Submitted by:The application was submitted by ER108689/Jacob D Blasingame

Submitted Timestamp:The application was submitted on 2024-11-08 at 15:27:00 CST

Submitted From:The application was submitted from IP address 69.5.195.23

Confirmation Number:The confirmation number is 578707

Steers Version:The STEERS version is 6.82

Additional Information

Application Creator: This account was created by Andrea M Sayles