Texas Commission on Environmental Quality



Notice of Concentrated Animal Feeding Operation Application

**General Permit Authorization No. TXG921032**

**Application.** Eltje Frans Brand and Joni Ann Brand, PO Box 11, Energy, Texas 76452 have applied to the Texas Commission on Environmental Quality (TCEQ) under General Permit No. TXG920000 for a non-substantial change to the terms of the nutrient management plan (NMP) previously submitted to the TCEQ. The Applicant is proposing to add four tank digesters to the previously authorized retention control structures (RCS) anaerobic digester covered RCS #1, and updating the design calculations for RCSs #2/#3 for when the digester is operational. The tables below include the volumes (acre-feet) to be maintained when the digester is operational or on bypass for maintenance.

RCS Volume – Digester Operational

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| RCS Name | Design Rainfall Event Runoff | Process Generated Wastewater | Minimum Treatment Volume | Sludge Accumulation | Water Balance | Required Capacity | Certified Capacity |
| RCS #1 | 0 | 0 | 0 | 0 | 0 | 0 | 132.87 |
| RCS #2/#3 | 93.35 | 58.97 | 0 | 59.79 | 100.81 | 312.92 | 227.96 + proposed RCS #3 - 100 |
| RCS #4 | 1.13 | 0.09 | 0 | 0.05 | 0 | 1.27 | 3.09 |
| Tank Digesters (Four) | 0 | 0 | 0 | 0 | 0 | 0 | 1.8 MG each |

RCS Volume – Digester on Bypass

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| RCS Name | Design Rainfall Event Runoff | Process Generated Wastewater | Minimum Treatment Volume | Sludge Accumulation | Water Balance | Required Capacity | Certified Capacity |
| \*RCS #1 | 0 | 0 | 89.78 | 26.93 | 0 | 116.71 | 132.87 |
| RCS #2/#3 | 93.35 | 58.97 | 0 | 6.40 | 100.81 | 259.53 | 227.96 + proposed RCS #3 - 100 |
| RCS #4 | 1.13 | 0.09 | 0 | 0.05 | 0 | 1.27 | 3.09 |

\*Note: During the digester bypass, RCS #1 will function as the treatment pond.

The wastewater production has increased from 1,206.07 to 1,216.70 acre-feet. There is no change to the currently authorized headcount of 32,000 head of which 20,000 head are milking cows, the total land application area of 5,854 acres or the list of alternative crops and yield goals. The notice of change application and the updated NMP were received by TCEQ on May 2, 2024.

No discharge of pollutants into the waters in the state is authorized by this general permit except under chronic or catastrophic rainfall conditions or events. All waste and wastewater will be beneficially used on agricultural land.

The facility is located at 1604 County Road 624, Dimmitt, Castro County, Texas 79027. The facility is located in the drainage area of the White River Lake in Segment No. 1240 of the Brazos River Basin. The following link to an electronic map of the site or facility’s general location is provided as a public courtesy and is not part of the application or notice. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-102.2687,34.40177&level=18>. For the exact location, refer to the application.

The Executive Director of the TCEQ has approved the proposed non-substantial change to the terms of the NMP. The revised terms of the NMP have been included in the permit record and it is available at the TCEQ’s Central Records, 12100 Park 35 Circle Austin, Texas 78753.

**Information.** For additional information about this application, contact Joy Alabi at (512) 239-1318. Si desea información en Español, puede llamar al 1-800-687-4040. General information regarding the TCEQ can be found at our web site at [www.tceq.texas.gov/](http://www.tceq.texas.gov/).

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