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H.B. No. 4066

A BILL TO BE ENTITLED

1 AN ACT
2 relating to the adoption by the Railroad Commission of Texas of a
3 permit by rule for the beneficial reuse of domestic wastewater and
4 mobile drinking water treatment system wastewater produced at
5 certain oil and gas drilling sites.

6 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

7 SECTION 1. Subtitle D, Title 3, Natural Resources Code, is
8 amended by adding Chapter 124 to read as follows:

9 CHAPTER 124. TREATMENT AND RECYCLING FOR BENEFICIAL USE OF CERTAIN
10 WASTEWATER AT OIL AND GAS DRILLING SITES

11 Sec. 124.001. DEFINITIONS. In this chapter:

12 (1) "Commission" means the Railroad Commission of
13 Texas.

14 (2) "Domestic wastewater" means wastewater that
15 originates primarily from kitchen, bathroom, and laundry sources,
16 including waste from food preparation, dishwashing, garbage
17 grinding, toilets, baths, showers, and sinks of a residential
18 dwelling.

19 (3) "Mobile drinking water treatment system
20 wastewater" means wastewater generated from the treatment of
21 surface or subsurface groundwater for drinking water purposes.

22 Sec. 124.002. BENEFICIAL RECYCLING OF CERTAIN WASTEWATER AT
23 OIL AND GAS DRILLING SITES. (a) This section applies to an oil and
24 gas drilling site regardless of whether the well has been

1 completed.

2 (b) The commission shall adopt a permit by rule for the
3 beneficial recycling of:

4 (1) treated domestic wastewater generated at oil and
5 gas drilling sites; and

6 (2) mobile drinking water treatment system
7 wastewater, including reverse osmosis reject water, generated from
8 oil and gas drilling sites.

9 (c) The commission, in adopting a permit by rule under this
10 section, must require:

11 (1) that discharges of treated wastewater at oil and
12 gas drilling sites are in compliance with the state's applicable
13 water quality standards for reuse down-hole or applied to land;

14 (2) notification of the start date and exact location
15 for each domestic wastewater or mobile drinking water treatment
16 system unit;

17 (3) reporting requirements that include:

18 (A) the total number of days domestic wastewater
19 or mobile drinking water treatment system wastewater is reused or
20 applied after treatment;

21 (B) the total volume of each type of wastewater
22 received for treatment;

23 (C) the total volume of treated effluent for each
24 type of reuse method, including down-hole, controlled irrigation,
25 and dust suppression;

26 (D) a table of the water treatment analytical
27 results, sampling dates, corresponding analytical reports, and

1 chain of custody for the parameters; and

2 (E) the filing of an organization report; and

3 (4) financial security assurances in an amount not to
4 exceed \$200,000 per year for each active permit.

5 SECTION 2. Not later than December 1, 2021, the Railroad
6 Commission of Texas shall adopt the permit by rule as required by
7 Section 124.002, Natural Resources Code, as added by this Act.

8 SECTION 3. This Act takes effect September 1, 2021.