

By: Lucio III

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 facilities.

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 DRILL 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 DRILL SITES. (a) The commission shall adopt a permit by
24 rule for the beneficial recycling of:

1 (1) treated domestic wastewater generated at oil and
2 gas drill sites; and

3 (2) mobile drinking water treatment system
4 wastewater, including reverse osmosis reject water, generated from
5 oil and gas drill sites.

6 (b) The commission, in adopting a permit by rule under this
7 section, must require:

8 (1) that discharges of treated wastewater at
9 completion sites are in compliance with the state's water quality
10 standards;

11 (2) notification of the start date and exact location
12 for each mobile drinking water treatment system unit;

13 (3) reporting requirements that include:

14 (A) the total number of days domestic wastewater
15 or mobile drinking water treatment system wastewater is reused or
16 applied after treatment;

17 (B) the total volume of each type of wastewater
18 received for treatment;

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

22 (D) a table of the water treatment analytical
23 results, sampling dates, corresponding analytical reports, and
24 chain of custody for the parameters; and

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

26 (4) financial security assurances in an amount not to
27 exceed \$200,000 per year.

1 SECTION 2. Not later than September 1, 2022, the Railroad
2 Commission of Texas shall adopt the permit by rule as required by
3 Section 124.002, Natural Resources Code, as added by this Act.

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