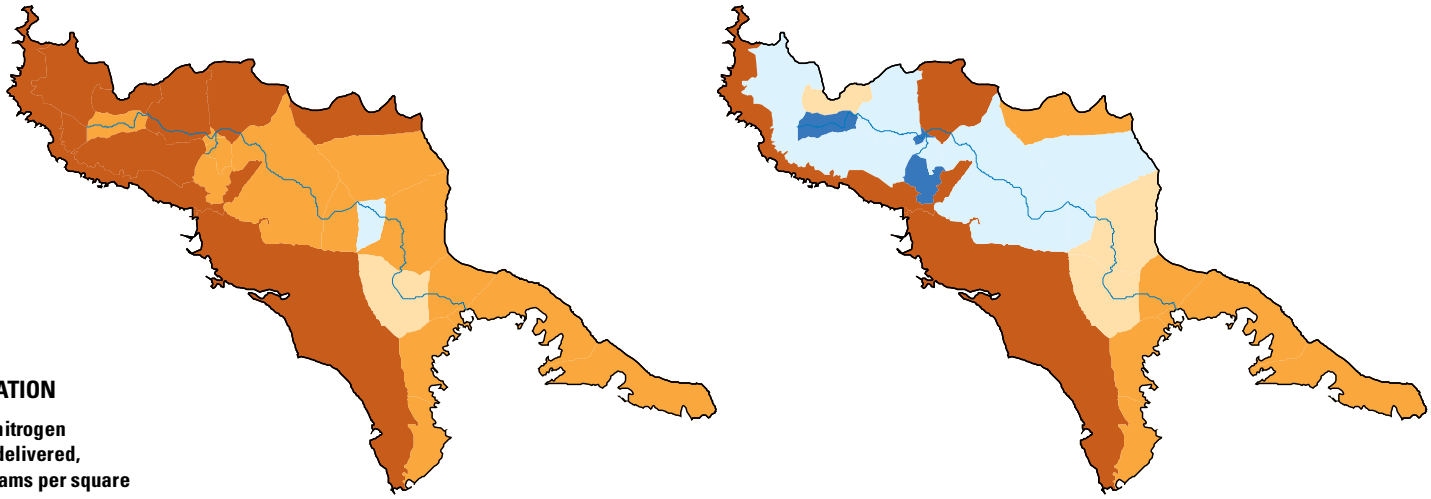
SPARROW Model Estimates of Nitrogen Delivered to Streams and to Coastal Areas of the Barataria Bay Watershed

Which areas contribute the largest amounts of total nitrogen annually:

(a) to local streams?

(b) to coastal areas?



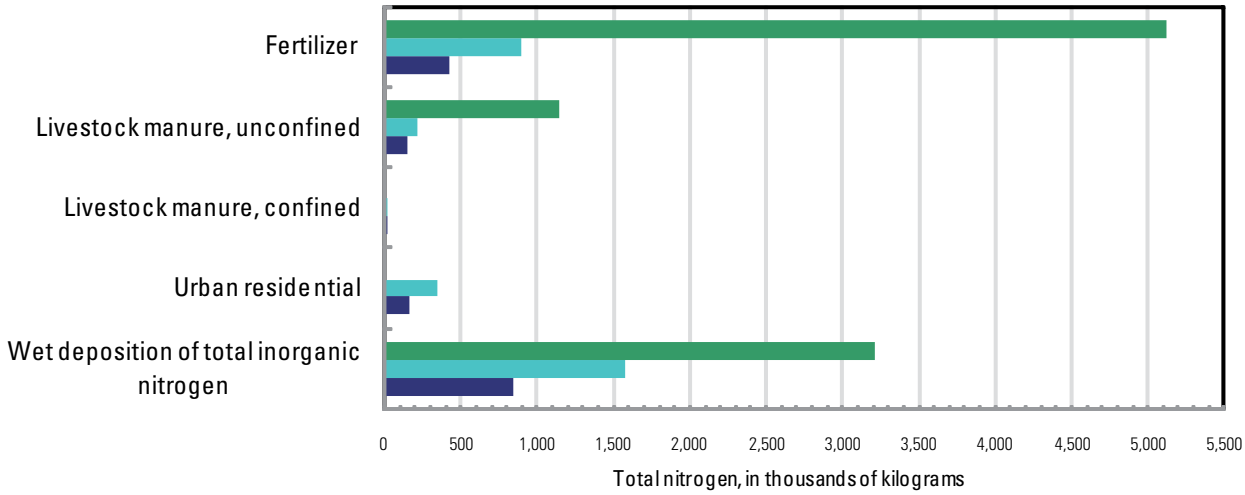
EXPLANATION

Total nitrogen yield delivered, kilograms per square kilometer per year

- < 2
- 2.01 - 20
- 20.01- 100
- 100.01 - 200
- 200.01 - 500
- > 500

Monitoring site

What sources contribute the largest amounts of total nitrogen annually to the Barataria Bay watershed?



EXPLANATION

- **Total nitrogen inputs to basin**
- **Total nitrogen load delivered to streams**
- **Total nitrogen load delivered to bays and estuaries**

Rebich, R. A., Houston, N. A., Mize, S. V., Pearson, D. K., Ging, P. B. and Hornig, C. E. (2011), Sources and Delivery of Nutrients to the Northwestern Gulf of Mexico from Streams in the South-Central United States. Journal of the American Water Resources Association, 47: 1061–1086. doi: 10.1111/j.1752-1688.2011.00583.x