

Ranking of Contamination Sources

Although there are two wastewater treatment facilities on Cat Creek or its tributaries, surprisingly so far neither of them seem to be a source of contamination. More likely are sewer system leaks, livestock, wildlife, animal-based fertilizer, and septic tanks.

Table 2: Ranking of Contamination Sources

Source	Extent (Miles, acres, etc.)	Permit- ted	Estimated Contribution (Rank 1-5)	Comments
Livestock	2 miles	N	3	Cattle and some horses
Agricultural Runoff	0.4 miles	N	3	Animal manure fertilizers
Wildlife	5 Miles	N	3	Deer everywhere
Stormwater Runoff	5 Miles	N	2	Could be anywhere
Failing Septic Systems	4 Miles	Y	3	Many possibilities
Publicly Owned Treatment Works	NA	Y	1	Ray City and Moody AFB
Failing Sewer Lines	1.5 miles	Y	2	Ray City and Moody AFB

The two Publicly Owned Treatment Works (POTW), each of which has feeder sewer lines, are:

- In Berrien County, Ray City's wastewater plant, at the Beaverdam Creek Confluence with Cat Creek.
- In Lowndes County, Moody Air Force Base's wastewater plant, which is run by Lowndes County, on Beatty Branch.

Animal-based fertilizers are most likely in pecan groves. Observation and testing, especially DNA testing, should readily determine presence or absence.

- In Berrien County, along Ramblinwood Road and Johnson Road at Baskin Road.
- In Lowndes County, along Cat Creek Road and GA 122.

There are septic tanks:

- In Berrien County on Mill Pond Place and Water Lily Way off of Baskins Road, along Harlee Lane and Ridgewood Drive off of Possum Creek Road, etc.
- In Lowndes County, along GA 122, along Beatty Mill Creek and Beatty Branch, and especially along Radar Site Road, Vienna Church Road, Cat Creek Road, and nearby.

See also [Appendix B: Maps](#).