

GREAT LAKES CHEMICAL COMPANY
(GLCC), El Dorado, Arkansas
Petition to Amend Regulation No. 2
Docket No. 02-004-R

RESPONSIVENESS SUMMARY

Background

A public hearing was held on the Third-party Rulemaking Petition by Great Lakes Chemical Company (GLCC) on May 16, 2002, in El Dorado, Arkansas. No speakers presented any comment during the public hearing. Two letters were received during the comment period.

Comment: An increase in water temperature will cause algae to grow and encourage stagnant conditions.

Response: Algae growth in this section of Bayou de Loutre has not been identified as a water quality concern. Water temperatures are not the determining factor in algae growth. Nutrients and exposure to sunlight (for chlorophyll production) are critical factors in algae production. The section of Bayou de Loutre to which this rulemaking applies is small and heavily shaded, with little sunlight penetrating to the stream during peak algae growing months. This condition limits the potential for algae production. Stagnant conditions (lack of water movement) are related to physical conditions of a stream not water temperature. The physical conditions of this stretch of Bayou de Loutre are not conducive to backwater or stagnant conditions.

Comment: The documentation supporting the rulemaking referenced least disturbed reference sites, yet the data concerning those sites was not provided.

Response: The least disturbed reference site data is included in documents prepared by the ADEQ. These documents were cited in the report and are readily available for review. We will provide copies to the commentator if needed.

No other comments relevant to the rulemaking request were received.