

Richard Healey (adpce.ad)

From: Charles McDowell <CMcDowell@lsbindustries.com>
Sent: Friday, February 3, 2023 1:15 PM
To: Richard Healey (adpce.ad); Michael Young (adpce.ad)
Cc: Derek Turner; Keith Long
Subject: RE: Upset Condition (El Dorado Chemical Company AR0000752)

At 11:00 am, water was no longer overtopping the Kildeer spillway. We are continuing to utilize Outfall 001.

Charles McDowell | Environmental Leader | LSB INDUSTRIES, Inc. (NYSE: LXU) | El Dorado Chemical Plant | 4500 North West Avenue, El Dorado, Arkansas 71731

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From: Charles McDowell
Sent: Thursday, February 2, 2023 2:08 PM
To: Healey, Richard <healeyr@adeq.state.ar.us>; youngm@adeq.state.ar.us
Cc: Derek Turner <DTurner@lsbindustries.com>; Keith Long <klong@lsbindustries.com>
Subject: RE: Upset Condition (El Dorado Chemical Company AR0000752)

The additional heavy rainfall over yesterday and today has caused the level of water in Lake Kildeer to overtop at 11:43 am. We are continuing to monitor the flow over the spillway, weather forecast and the levels of Lake Kildeer.

We will provide notification when the upset condition ends.

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From: Charles McDowell
Sent: Wednesday, February 1, 2023 12:19 PM
To: Healey, Richard <healeyr@adeq.state.ar.us>; youngm@adeq.state.ar.us
Cc: Derek Turner <DTurner@lsbindustries.com>; Keith Long <klong@lsbindustries.com>
Subject: Upset Condition (El Dorado Chemical Company AR0000752)

Since July, El Dorado Chemical has been actively managing its discharges from Outfall 010, i.e., from Lake Kildeer, to be in compliance with Outfall 010 compliance parameters. Due to high rainfall and choosing to limit discharge volume through Outfall 010 the water level in Lake Kildeer was not able to be reduced as much as normal during the late summer months.

Over the last week we have received 5.6 Inches of precipitation with 3.1 inches in the last 3 days. The rainfall results in increased volume of Lake Kildeer from the plant footprint which all drains into Lake Kildeer, drainage from owned property outside the plant drainage system, and from non-owned off plant property. This rainfall coupled with the already high levels at Lake Kildeer caused the water depth to exceed the spillway height. Based upon electronic monitoring, the upset condition occurred at 4:59 on the 31st and stopped at 3:29 am on the 1st. This was verified at 8:53 AM this morning.

To proactively reduce the Lake Kildeer water levels, El Dorado Chemical opened Outfall 001 on January 27th in addition to maximizing the discharge from Outfall 010. Currently, Kildeer has 0.09 ft of freeboard. We are expecting an additional 1.2 inches of precipitation over today and tomorrow. Possibilities of discharging over the spillway will remain open.

Since October, El Dorado Chemical has been working with Barr Engineering and Lanmark Engineering Services to develop a plans to reduce the volume of water being sent to Lake Kildeer in addition to working on ways to reduce the loading of the Nitrates and Ammonia in the wastewater. As we develop this corrective action plan we will continue to keep ADEQ informed.

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