

4500 NORTH WEST AVE. • P. O. BOX 231 • EL DORADO, AR 71731 • (870) 863-1400



CHEMICAL COMPANY

August 21, 2012

Arkansas Department of Environmental Quality
Water Enforcement Branch
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: NPDES Permit AR0000752 Discharge Monitoring Report for period ending July 31, 2012.

Enclosed you will find the Discharge Monitoring Report ending July 31, 2012.
If you have any questions regarding this report, please contact Larken Pennington at (870) 863-1125.

Sincerely,

A handwritten signature in cursive script that reads "Greg Withrow".

Greg Withrow
General Manager

Enclosures

NON-COMPLIANCE REPORT

Facility Name: El Dorado Chemical Company

Permit Number: AR0000752

AFIN:

70-00040

Month / Year: Jul-12

Type of Violation	Permit Limit	Date of Violation	Cause of Violation	Corrective Action or Other Narrative
Outfall 001 / Temperature Maximum (92.3°F)	Temperature Maximum - 86°F	7/1/12, 7/2/12, 7/3/12, 7/4/12, 7/5/12, 7/6/12, 7/7/12, 7/8/12, 7/9/12, 7/18/12, 7/19/12, 7/20/12, 7/21/12, 7/22/12, 7/23/12, 7/24/12, 7/25/12, 7/26/12, 7/27/12, 7/28/12, 7/29/12, 7/30/12	Warm temperatures, mid-day temperature spikes, temperature excursions due to ambient temperature	Daily maximum temperature readings calculated from hourly measurements are utilized as a representative daily maximum temperature for DMR preparation.
Outfall 001 / pH Maximum (9.3 s.u.)	pH Maximum - 9.0 s.u.	7/3/12, 7/20/12, 7/21/12, 7/22/12, 7/23/12, 7/24/12, 7/25/12, 7/26/12, 7/28/12, 7/29/12	Due to warmer temperatures, an algal growth in EDCC's final lake that discharges to Outfall 001 led to a high pH.	EDCC stopped discharge from this outfall until the pH was back within permit limits.
Outfall 001 / TDS Monthly Average (240.0 mg/L)	237 mg/L - Monthly Average	7/2/2012	Unknown	
Outfall 006 / Zinc Monthly Average (345.0 ug/L)	115.62 ug/L Monthly Average	7/10/2012	Unknown	EDCC continues to monitor and evaluate potential sources of the Zinc exceedance.
Outfall 006 / Zinc Daily Max (345.0 ug/L)	231.99 ug/L Daily Max	7/10/2012	Unknown	EDCC continues to monitor and evaluate potential sources of the Zinc exceedance.
Outfall 006 / Lead Monthly Average (20.2 ug/L)	3.8 ug/L Monthly Average	7/10/2012	Unknown	EDCC will continue to monitor and evaluate potential sources of the Lead exceedance.
Outfall 006 / Lead Daily Max (20.2 ug/L)	7.62 ug/L Daily Max	7/10/2012	Unknown	EDCC will continue to monitor and evaluate potential sources of the Lead exceedance.
Outfall 006 / TDS Monthly Average (840.0 mg/L)	291 mg/L Monthly Average	7/10/2012	Unknown	EDCC has land applied pelletized lime in the area of outfall 006 in an effort to promote vegetative cover.
Outfall 006 / TDS Daily Max (840.0 mg/L)	436.5 mg/L Daily Max	7/10/2012	Unknown	EDCC has land applied pelletized lime in the area of outfall 006 in an effort to promote vegetative cover.
Outfall 007 / Zinc Monthly Average (378.0 ug/L)	115.62 ug/L Monthly Average	7/10/2012	Unknown	EDCC continues to monitor and evaluate potential sources of the Zinc exceedance.
Outfall 007 / Zinc Daily Max (378.0 ug/L)	231.99 ug/L Daily Max	7/10/2012	Unknown	EDCC continues to monitor and evaluate potential sources of the Zinc exceedance.
Outfall 007 / Lead Monthly Average (24.3 ug/L)	3.8 ug/L Monthly Average	7/10/2012	Unknown	EDCC will continue to monitor and evaluate potential sources of the Lead exceedance.
Outfall 007 / Lead Daily Max (24.3 ug/L)	7.62 ug/L Daily Max	7/10/2012	Unknown	EDCC will continue to monitor and evaluate potential sources of the Lead exceedance.
Outfall 007 / TDS Monthly Average (1700.0 mg/L)	291 mg/L Monthly Average	7/10/2012	Unknown	EDCC has land applied pelletized lime in the area of outfall 007 in an effort to promote vegetative cover.
Outfall 007 / TDS Daily Max (1700.0 mg/L)	436.5 mg/L Daily Max	7/10/2012	Unknown	EDCC has land applied pelletized lime in the area of outfall 007 in an effort to promote vegetative cover.
<p>I CERTIFY THAT UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)</p>				<p style="text-align: center;"><i>Shy Withrow</i> 8/21/12</p> <p>Signature / Date</p>