

# ADEQ

ARKANSAS  
Department of Environmental Quality

May 18, 2015

Greg Withrow  
El Dorado Chemical Co.  
P.O. Box 1414  
El Dorado, AR 71731

RE: NPDES Permit Number AR0000752, AFIN 70-00040  
NPDES Permit Effluent Violations

Dear Mr. Withrow,

A recent review of the above referenced permit has revealed the following missing parameters for the monitoring periods and dates:

PDES ID	Permit Name	DMR End Date	Disch-Desig	Parameter Desc
AR0000752	EL DORADO CHEMICAL CO, INC			
		06/30/2014	010-A	pH (MINIMUM, SU)
		06/30/2014	010-A	pH (MAXIMUM, SU)
		06/30/2014	010-A	Solids, total suspended (MO AVG, lb/d)
		06/30/2014	010-A	Solids, total suspended (DAILY MX, lb/d)
		06/30/2014	010-A	Solids, total suspended (MO AVG, mg/L)
		06/30/2014	010-A	Solids, total suspended (DAILY MX, mg/L)
		06/30/2014	010-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)
		06/30/2014	010-A	Nitrogen, ammonia total [as N] (DAILY MX, lb/d)

		06/30/2014	010-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)
		06/30/2014	010-A	Nitrogen, ammonia total [as N] (DAILY MX, mg/L)
		06/30/2014	010-A	Nitrogen, nitrate total [as N] (MO AVG, lb/d)
		06/30/2014	010-A	Nitrogen, nitrate total [as N] (DAILY MX, lb/d)
		06/30/2014	010-A	Nitrogen, nitrate total [as N] (MO AVG, mg/L)
		06/30/2014	010-A	Nitrogen, nitrate total [as N] (DAILY MX, mg/L)
		06/30/2014	010-A	Flow, in conduit or thru treatment plant (MO AVG, MGD)
		06/30/2014	010-A	Flow, in conduit or thru treatment plant (DAILY MX, MGD)
		07/31/2014	010-A	Solids, total suspended (MO AVG, mg/L)
		07/31/2014	010-A	Solids, total suspended (DAILY MX, mg/L)
		07/31/2014	010-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)
		07/31/2014	010-A	Nitrogen, ammonia total [as N] (DAILY MX, mg/L)
		07/31/2014	010-A	Nitrogen, nitrate total [as N] (MO AVG, mg/L)
		07/31/2014	010-A	Nitrogen, nitrate total [as N] (DAILY MX, mg/L)
		08/31/2014	010-A	pH (MINIMUM, SU)
		08/31/2014	010-A	pH (MAXIMUM, SU)

		08/31/2014	010-A	Solids, total suspended (MO AVG, lb/d)
		08/31/2014	010-A	Solids, total suspended (DAILY MX, lb/d)
		08/31/2014	010-A	Solids, total suspended (MO AVG, mg/L)
		08/31/2014	010-A	Solids, total suspended (DAILY MX, mg/L)
		08/31/2014	010-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)
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		08/31/2014	010-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)
		08/31/2014	010-A	Nitrogen, ammonia total [as N] (DAILY MX, mg/L)
		08/31/2014	010-A	Nitrogen, nitrate total [as N] (MO AVG, lb/d)
		08/31/2014	010-A	Nitrogen, nitrate total [as N] (DAILY MX, lb/d)
		08/31/2014	010-A	Nitrogen, nitrate total [as N] (MO AVG, mg/L)
		08/31/2014	010-A	Nitrogen, nitrate total [as N] (DAILY MX, mg/L)
		08/31/2014	010-A	Flow, in conduit or thru treatment plant (MO AVG, MGD)
		08/31/2014	010-A	Flow, in conduit or thru treatment plant (DAILY MX, MGD)
		09/30/2014	010-A	pH (MINIMUM, SU)
		09/30/2014	010-A	pH (MAXIMUM, SU)

		09/30/2014	010-A	Solids, total suspended (MO AVG, lb/d)
		09/30/2014	010-A	Solids, total suspended (DAILY MX, lb/d)
		09/30/2014	010-A	Solids, total suspended (MO AVG, mg/L)
		09/30/2014	010-A	Solids, total suspended (DAILY MX, mg/L)
		09/30/2014	010-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)
		09/30/2014	010-A	Nitrogen, ammonia total [as N] (DAILY MX, lb/d)
		09/30/2014	010-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)
		09/30/2014	010-A	Nitrogen, ammonia total [as N] (DAILY MX, mg/L)
		09/30/2014	010-A	Nitrogen, nitrate total [as N] (MO AVG, lb/d)
		09/30/2014	010-A	Nitrogen, nitrate total [as N] (DAILY MX, lb/d)
		09/30/2014	010-A	Nitrogen, nitrate total [as N] (MO AVG, mg/L)
		09/30/2014	010-A	Nitrogen, nitrate total [as N] (DAILY MX, mg/L)
		09/30/2014	010-A	Flow, in conduit or thru treatment plant (MO AVG, MGD)
		09/30/2014	010-A	Flow, in conduit or thru treatment plant (DAILY MX, MGD)
		10/31/2014	010-A	pH (MINIMUM, SU)
		10/31/2014	010-A	pH (MAXIMUM, SU)

		10/31/2014	010-A	Solids, total suspended (MO AVG, lb/d)
		10/31/2014	010-A	Solids, total suspended (DAILY MX, lb/d)
		10/31/2014	010-A	Solids, total suspended (MO AVG, mg/L)
		10/31/2014	010-A	Solids, total suspended (DAILY MX, mg/L)
		10/31/2014	010-A	Nitrogen, ammonia total [as N] (MO AVG, lb/d)
		10/31/2014	010-A	Nitrogen, ammonia total [as N] (DAILY MX, lb/d)
		10/31/2014	010-A	Nitrogen, ammonia total [as N] (MO AVG, mg/L)
		10/31/2014	010-A	Nitrogen, ammonia total [as N] (DAILY MX, mg/L)
		10/31/2014	010-A	Nitrogen, nitrate total [as N] (MO AVG, lb/d)
		10/31/2014	010-A	Nitrogen, nitrate total [as N] (DAILY MX, lb/d)
		10/31/2014	010-A	Nitrogen, nitrate total [as N] (MO AVG, mg/L)
		10/31/2014	010-A	Nitrogen, nitrate total [as N] (DAILY MX, mg/L)
		10/31/2014	010-A	Flow, in conduit or thru treatment plant (MO AVG, MGD)
		10/31/2014	010-A	Flow, in conduit or thru treatment plant (DAILY MX, MGD)
		07/31/2014	TX1-A	Whole effluent toxicity (7 DA MIN, %)
		07/31/2014	TX1-A	Whole effluent toxicity

				(DLYAVMIN, %)
		07/31/2014	TX1-A	Pass/Fail Static Renewal 7 Day Chronic Ceriodaphnia (7 DA AVG, pass=0/fail=1)
		07/31/2014	TX1-A	Pass/Fail Statre 7Day Chronic Pimephales Promelas (7 DA AVG, pass=0/fail=1)
		07/31/2014	TX1-A	Low Flow Pass/Fail Survival Test Static Renewal 7 Day Chronic Ceriodaphnia dubia (7 DA AVG, pass=0/fail=1)
		07/31/2014	TX1-A	Low Flow Pass/Fail Survival Test Static Renewal 7 Day Chronic Pimephales promelas (7 DA AVG, pass=0/fail=1)
		07/31/2014	TX1-A	NOEC Lethal Static Renewal 7 Day Chronic Ceriodaphnia dubia (7 DA AVG, %)
		07/31/2014	TX1-A	NOEC Lethal Static Renewal 7 Day Chronic Pimephales promelas (7 DA AVG, %)
		07/31/2014	TX1-A	NOEC Sub- Lethal Static Renewal 7 Day Chronic Ceriodaphnia dubia (7 DA AVG, %)
		07/31/2014	TX1-A	NOEC Sub- Lethal Static Renewal 7 Day Chronic Pimephales promelas (7 DA AVG, %)
		07/31/2014	TX1-A	Coef Of Var Statre 7Day Chronic Ceriodaphnia (7 DA AVG,

				%)
		07/31/2014	TXA-1-A	Coef Of Var Statre 7Day Chronic Pimephales (7 DA AVG, %)
		06/30/2014	TXA-Q	Whole effluent toxicity (DLYAVMIN, %)
		06/30/2014	TXA-Q	Whole effluent toxicity (48HR MIN, %)
		06/30/2014	TXA-Q	LF Pass/Fail Statre 48Hr Acute Daphnia Pulex (48HR MIN, pass=0/fail=1)
		06/30/2014	TXA-Q	LF Pass/Fail Statre 48Hr Acute Pimephales Promela (48HR MIN, pass=0/fail=1)
		06/30/2014	TXA-Q	NOEC Lethal Static Renewal 48HR Acute Daphnia pulex (48HR MIN, %)
		06/30/2014	TXA-Q	NOEC Lethal Static Renewal 48HR Acute Pimephales promelas (48HR MIN, %)
		06/30/2014	TXA-Q	Coef Of Var Statre 48Hr Acute D. Pulex (48HR MIN, %)
		06/30/2014	TXA-Q	Coef Of Var Statre 48Hr Acute Pimephales (48HR MIN, %)
		09/30/2014	TXA-Q	Whole effluent toxicity (DLYAVMIN, %)
		09/30/2014	TXA-Q	Whole effluent toxicity (48HR MIN, %)

		09/30/2014	TXA-Q	LF Pass/Fail Statre 48Hr Acute Daphnia Pulex (48HR MIN, pass=0/fail=1)
		09/30/2014	TXA-Q	LF Pass/Fail Statre 48Hr Acute Pimephales Promela (48HR MIN, pass=0/fail=1)
		09/30/2014	TXA-Q	NOEC Lethal Static Renewal 48HR Acute Daphnia pulex (48HR MIN, %)
		09/30/2014	TXA-Q	NOEC Lethal Static Renewal 48HR Acute Pimephales promelas (48HR MIN, %)

Please submit the corrected DMR with the changes highlighted via mail, email or through NETDMR. This information should be received by the Department no later than June 9, 2015.

Thank you for your attention to this matter. Should you have any questions, feel free to contact me at 501-682-0664 or via e-mail [pemberton@adeq.state.ar.us](mailto:pemberton@adeq.state.ar.us)

Sincerely,



Layne Pemberton  
 Enforcement Analyst  
 Water Division, Enforcement Branch