

L.A. DARLING COMPANY

1401 Highway 49B North • Paragould, AR 72450 • (870) 239-9564

AG
AHI #4

ARPO00011
11-06046

July (AG)
~~June~~ 26th, 2011

9117

RECEIVED	
JUL 27 2011	
By	hit

Mr. Allen Gilliam, Pretreatment Engineer
Arkansas Department of Environmental Quality – NPDES Division
5301 Northshore Drive
North Little Rock, AR 72118-5317

complete/compliant
~~no further action necessary~~
questions re: dilution streams
requested corrected pages.
AG

Re: Semi-Annual Waste Water Report for the L. A. Darling Company facility located in Corning, Arkansas (for reporting period January 1st, 2011 through June 30th, 2011).

Dear Mr. Gilliam:

Attached, you will find the Semi-Annual Report for the L. A. Darling Company facility located in Corning, AR. This report covers information regarding Darling's wastewater effluent for the six (6) month period from January 1st, 2011 through June 30th, 2011, and is submitted in accordance with 40 CFR 433 (Metal Finishing Subcategory).

As a reminder, L. A. Darling Company Corning, AR terminated operation of their on-site metals precipitation, wastewater treatment system back on December 31st, 2009. This report reflects quality of wastewater discharged directly from process rinse tanks on the three (3) powder coating lines.

Please note that, in addition to the report itself, I have also included a copy of analytical results, as well as a copy of the Chain-Of-Custody, for samples obtained on June 24th, 2011.

As always, please don't hesitate to contact me directly (870)236-0832 or email astick@grnco.net, or Mr. Tommy Campbell at L. A. Darling Company, should you have questions regarding this Semi-Annual Report. Your continued support, patience and consideration is always appreciated.

Sincerely,

Andy Stickler
Manager of Safety and Environmental Services

ATTACHMENTS

cc: City of Corning, Wastewater Supt.



SEMI-ANNUAL REPORT FOR INDUSTRIAL USERS REGULATED BY 40CFR433/403.6(e)

Use of this form is not an EPA/ADEQ requirement. Attn: Water Div/NPDES Pretreatment

(1) IDENTIFYING INFORMATION	
A. LEGAL NAME & MAILING ADDRESS L. A. Darling Company P. O. Box 970 1401 Hwy. 49 B. North Paragould, AR 72450	B. FACILITY & LOCATION ADDRESS L. A. Darling Company - Corning Facility P. O. Box 338 Wooten Lane Corning, AR 72422
C. FACILITY CONTACT: Chris Hoggard TELEPHONE NUMBER: (870) 239-9564	
(2) REPORTING PERIOD--FISCAL YEAR From January 1st to December 31st (Both Semi-Annual Reports must cover Fiscal Year)	
A. MONTHS WHICH REPORTS ARE DUE <u>January</u> & <u>July</u>	B. PERIOD COVERED BY THIS REPORT FROM: January 1 st , 2011 TO: June 30 th , 2011
(3) DESCRIPTION OF OPERATION	
A. REGULATED PROCESSES <u>CORE PROCESS(ES)</u> CHECK EACH APPLICABLE BLOCK <input type="checkbox"/> Electroplating <input type="checkbox"/> Electroless Plating <input type="checkbox"/> Anodizing <input checked="" type="checkbox"/> Coating * (Iron Phosphatizing) <input type="checkbox"/> Chemical Etching and Milling <input type="checkbox"/> Printed Circuit Board Manufacture <u>ANCILLARY PROCESS(ES)*</u> LIST BELOW EACH PROCESS USED IN THE FACILITY <u>Cleaning</u> <u>Polishing</u> <u>All process rinse water from the Powder Coating lines is discharged directly into the local municipal treatment system, as defined in previous correspondence.</u> <u>Samples are collected directly from the rinse tanks over an 8 hour period, and combined into one (1) composite sample</u>	B. CHANGES: SUMMARIZE ANY CHANGES IN THE REGULATED PROCESSES SINCE THE LAST REPORT. ATTACH AN ADDITIONAL SHEET IF THE SPACE BELOW IS INADEQUATE. PROVIDE A NEW SCHEMATIC IF APPROPRIATE.
C. Number of Regular Employees at this Facility: 267	D. [Reserved]

(4) FLOW MEASUREMENT

INDIVIDUAL & TOTAL PROCESS FLOWS DISCHARGED TO POTW IN GALLONS PER DAY (GPD)

Process	Average Flow	Maximum Flow	Type of Discharge
Regulated (Total)	9,868	12,748	Continuous
Regulated (Cyanide)	0	0	None
§403.6(e) Unregulated	0	0	None
§403.6(e) Dilute	0	0	None
Cooling Water	0	0	None
Sanitary	2,670	4,005	Continuous
Total Flow to POTW	12,538	16,753	*****

"Unregulated" has a precise legal meaning; see 40CFR403.6(e).

(5) MEASUREMENT OF POLLUTANTS

A. TYPE OF TREATMENT SYSTEM

CHECK EACH APPLICABLE BLOCK

- Neutralization
- Chemical Precipitation and Sedimentation
- Chromium Reduction
- Cyanide Destruction
- Other _____
- None

B. COMMENTS ON TREATMENT SYSTEM

*The On-site Wastewater treatment system was totally eliminated effective December 31st, 2009. This action has been thoroughly communicated to ADEQ in previous correspondence (including previous Semi-Annual Reports).

C. THE INDUSTRIAL USER MUST PERFORM SAMPLING AND ANALYSIS OF THE EFFLUENT FROM ALL REGULATED PROCESSES--CORE & ANCILLARY--(AFTER TREATMENT, IF APPLICABLE). ATTACH THE LAB ANALYSIS WHICH SHOWS A MAXIMUM; TABULATE ALL THE ANALYTICAL DATA COLLECTED DURING THE REPORT PERIOD IN THE SPACE PROVIDED BELOW. ZERO CONCENTRATIONS ARE NOT ACCEPTABLE; LIST THE DETECTION LIMIT IF CONCENTRATION WAS BELOW DETECTION LIMIT.

Pollutant (mg/l)	Cd	Cr	Cu	Pb	Ni	Ag	Zn	CN	TTO
MAC	0.690	2.77	3.38	0.69	3.98	0.43	2.61	1.20	2.13
AAC	0.260	1.71	2.07	0.43	2.38	0.24	1.48	0.65	***
AMMC	<0.004	< 0.007	0.022	<0.040	0.074	<0.007	0.018	0.028	NA
AMAC	<0.004	< 0.007	0.022	<0.040	0.074	<0.007	0.018	0.028	NA

MAC ==> Max Alternate Conc AAC ==> Ave Alternate Conc AMMC ==> Actual Measured Max Conc AMAC ==> Actual Measured Ave Conc
See 40CFR403.6(e) for details on Alternate Concentrations

Sample Location Process Rinse Tanks

Sample Type (Grab or Composite) Composite (from equal volume grab sample aliquots over 8 hours)

Number of Samples and Frequency Collected *See Attached Chain-Of-Custody

40CFR136 Preservation and Analytical Methods Use: Yes No

(6) CERTIFICATION

A. [Reserved]

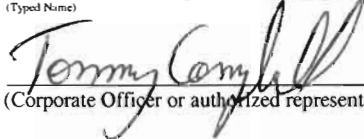
[Reserved]

B. CHECK ONE: §433.11(e) TOXIC ORGANIC ANALYSIS ATTACHED §433.12(a) TTO CERTIFICATION PROVIDED BELOW

Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last semi-annual compliance report. I further certify that this facility is implementing the toxic organic management plan dated January 18th, 2006. The current TOMP, which was submitted to the Arkansas Department of Environmental Quality with the Semi-Annual Compliance Report in January, 2006, is still accurate and complete.

Tommy Campbell, General Manager – Gondola Division

(Typed Name)


(Corporate Officer or authorized representative)

Date of Signature 7-22-11

CORPORATE ACKNOWLEDGEMENT (Optional)

STATE OF ARKANSAS)
COUNTY OF _____)

Before me, the undersigned authority, on this day personally appeared _____ of _____, a corporation, known to me to be the person whose name is subscribed to the foregoing instrument(s), and acknowledged to me that he executed the same for purposes and considerations therein expressed, in the capacity therein stated and as the act and deed of said corporation.

Given under my hand and seal of office on this _____ day of _____, 199__.

Notary Public in and for _____
County, Arkansas

My commission expires _____.

(7) POLLUTION PREVENTION ACT OF 1990 [42 U.S.C. 13101 et seq.]

§6602 [42 U.S.C. 13101] Findings and Policy para (b) Policy.--The Congress hereby declares it to be the national policy of the United States that pollution should be prevented or reduced at the source whenever feasible; pollution that cannot be prevented should be recycled in an environmentally safe manner, whenever feasible; pollution that cannot be prevented or recycled should be treated in an environmentally safe manner whenever feasible; and disposal or other release into the environment should be employed only as a last resort and should be conducted in an environmentally safe manner.

The User may list any new or ongoing Pollution Prevention practices:

(8) GENERAL COMMENTS

(9) SIGNATORY REQUIREMENTS [40CFR403.12(1)]

I certify under penalty of law that I have personally examined and am familiar with the information in this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Tommy Campbell

NAME OF CORPORATE OFFICER OR AUTHORIZED REPRESENTATIVE

General Manager – Gondola Division

OFFICIAL TITLE



SIGNATURE

7-22-11

DATE SIGNED



L. A. Darling Company
ATTN: Mr. Andy Stickler
Post Office Box 970
Paragould, AR 72451-0970

This report contains the analytical results and supporting information for the sample submitted on June 25, 2011. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Laboratory Director or a qualified designee.


By SB
John Overbey
Laboratory Director

This document has been distributed to the following:

PDF cc: L. A. Darling Company
ATTN: Mr. Andy Stickler
astick@grnco.net



L. A. Darling Company
Post Office Box 970
Paragould, AR 72451-0970

SAMPLE INFORMATION

Project Description:

One (1) water sample(s) received on June 25, 2011
Semi-Annual Report (Wastewater)

Receipt Details:

A Chain of Custody was provided. The samples were delivered in one (1) ice chest.
Ice chest #1 was delivered with shipping documentation.

Each sample container was checked for proper labeling, including date and time sampled. Sample containers were reviewed for proper type, adequate volume, integrity, temperature, preservation, and holding times. Any exceptions are noted below:

Sample Identification:

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Sampled Date/Time</u>	<u>Notes</u>
148851-1	DRW1, 2 6/24/11 / 1350	24-Jun-2011 1350	

Case Narrative:

There were no qualifiers for this data and all samples met quality control criteria.

References:

- "Methods for Chemical Analysis of Water and Wastes", EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/5-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993).
- "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846)", Third Edition.
- "Standard Methods for the Examination of Water and Wastewaters", 20th edition, 1998.
- "American Society for Testing and Materials" (ASTM).
- "Association of Analytical Chemists" (AOAC).

L. A. Darling Company
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Paragould, AR 72451-0970

ANALYTICAL RESULTS

AIC No. 148851-1

Sample Identification: DRW1, 2 6/24/11 / 1350

Analyte		Result	RL	Units	Qualifier
Total Cyanide		0.028	0.01	mg/l	
SM4500-CN C,E	Prep: 28-Jun-2011 0920 by 290	Analyzed: 29-Jun-2011 1131 by 258		Batch: W36624	
Arsenic		< 0.05	0.05	mg/l	
EPA 200.8	Prep: 27-Jun-2011 1423 by 270	Analyzed: 27-Jun-2011 2006 by 270		Batch: S30364	
Cadmium		< 0.004	0.004	mg/l	
EPA 200.8	Prep: 27-Jun-2011 1423 by 270	Analyzed: 27-Jun-2011 2006 by 270		Batch: S30364	
Chromium		< 0.007	0.007	mg/l	
EPA 200.8	Prep: 27-Jun-2011 1423 by 270	Analyzed: 27-Jun-2011 2006 by 270		Batch: S30364	
Copper		0.022	0.006	mg/l	
EPA 200.8	Prep: 27-Jun-2011 1423 by 270	Analyzed: 27-Jun-2011 2006 by 270		Batch: S30364	
Lead		< 0.04	0.04	mg/l	
EPA 200.8	Prep: 27-Jun-2011 1423 by 270	Analyzed: 27-Jun-2011 2006 by 270		Batch: S30364	
Nickel		0.074	0.01	mg/l	
EPA 200.8	Prep: 27-Jun-2011 1423 by 270	Analyzed: 27-Jun-2011 2006 by 270		Batch: S30364	
Silver		< 0.007	0.007	mg/l	
EPA 200.8	Prep: 27-Jun-2011 1423 by 270	Analyzed: 27-Jun-2011 2006 by 270		Batch: S30364	
Zinc		0.018	0.002	mg/l	
EPA 200.8	Prep: 27-Jun-2011 1423 by 270	Analyzed: 27-Jun-2011 2006 by 270		Batch: S30364	



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LABORATORY CONTROL SAMPLE RESULTS

Analyte	Spike Amount	%	Limits	RPD	Limit	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	0.1 mg/l	109	85.0-115			W36624	28Jun11 0920 by 290	29Jun11 1122 by 258		
Arsenic	0.05 mg/l	90.5	85.0-115			S30364	27Jun11 1423 by 270	27Jun11 1928 by 270		
Cadmium	0.05 mg/l	92.1	85.0-115			S30364	27Jun11 1423 by 270	27Jun11 1928 by 270		
Chromium	0.05 mg/l	98.3	85.0-115			S30364	27Jun11 1423 by 270	27Jun11 1928 by 270		
Copper	0.05 mg/l	93.8	85.0-115			S30364	27Jun11 1423 by 270	27Jun11 1928 by 270		
Lead	0.05 mg/l	92.0	85.0-115			S30364	27Jun11 1423 by 270	27Jun11 1928 by 270		
Nickel	0.05 mg/l	98.2	85.0-115			S30364	27Jun11 1423 by 270	27Jun11 1928 by 270		
Silver	0.02 mg/l	90.1	85.0-115			S30364	27Jun11 1423 by 270	27Jun11 1928 by 270		
Zinc	0.05 mg/l	96.4	85.0-115			S30364	27Jun11 1423 by 270	27Jun11 1928 by 270		

MATRIX SPIKE SAMPLE RESULTS

Analyte	Sample	Spike Amount	%	Limits	Batch	Preparation Date	Analysis Date	Dil	Qual
Total Cyanide	148819-2	0.1 mg/l	92.6	75.0-125	W36624	28Jun11 0920 by 290	29Jun11 1126 by 258		
	148819-2	0.1 mg/l	96.2	75.0-125	W36624	28Jun11 0920 by 290	29Jun11 1128 by 258		
	Relative Percent Difference:		3.75	20.0	W36624				
Arsenic	148840-1	0.05 mg/l	91.0	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1935 by 270		
	148840-1	0.05 mg/l	90.4	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1943 by 270		
	Relative Percent Difference:		0.693	20.0	S30364				
Cadmium	148840-1	0.05 mg/l	92.8	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1935 by 270		
	148840-1	0.05 mg/l	90.2	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1943 by 270		
	Relative Percent Difference:		2.75	20.0	S30364				
Chromium	148840-1	0.05 mg/l	93.6	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1935 by 270		
	148840-1	0.05 mg/l	92.1	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1943 by 270		
	Relative Percent Difference:		1.58	20.0	S30364				
Copper	148840-1	0.05 mg/l	92.5	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1935 by 270		
	148840-1	0.05 mg/l	91.4	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1943 by 270		
	Relative Percent Difference:		1.21	20.0	S30364				
Lead	148840-1	0.05 mg/l	92.0	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1935 by 270		
	148840-1	0.05 mg/l	90.8	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1943 by 270		
	Relative Percent Difference:		1.32	20.0	S30364				
Nickel	148840-1	0.05 mg/l	99.4	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1935 by 270		
	148840-1	0.05 mg/l	96.4	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1943 by 270		
	Relative Percent Difference:		3.07	20.0	S30364				
Silver	148840-1	0.02 mg/l	90.2	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1935 by 270		
	148840-1	0.02 mg/l	88.8	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1943 by 270		
	Relative Percent Difference:		1.60	20.0	S30364				
Zinc	148840-1	0.05 mg/l	96.0	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1935 by 270		
	148840-1	0.05 mg/l	92.8	75.0-125	S30364	27Jun11 1423 by 270	27Jun11 1943 by 270		
	Relative Percent Difference:		3.32	20.0	S30364				



L. A. Darling Company
 Post Office Box 970
 Paragould, AR 72451-0970

LABORATORY BLANK RESULTS

Analyte	Result	RL	PQL	QC Sample	Preparation Date	Analysis Date	Qual
Total Cyanide	< 0.01 mg/l	0.01	0.01	W36624-1	28Jun11 0920 by 290	29Jun11 1120 by 258	
Arsenic	< 0.05 mg/l	0.05	0.05	S30364-1	27Jun11 1423 by 270	27Jun11 1920 by 270	
Cadmium	< 0.004 mg/l	0.004	0.004	S30364-1	27Jun11 1423 by 270	27Jun11 1920 by 270	
Chromium	< 0.007 mg/l	0.007	0.007	S30364-1	27Jun11 1423 by 270	27Jun11 1920 by 270	
Copper	< 0.006 mg/l	0.006	0.006	S30364-1	27Jun11 1423 by 270	27Jun11 1920 by 270	
Lead	< 0.04 mg/l	0.04	0.04	S30364-1	27Jun11 1423 by 270	27Jun11 1920 by 270	
Nickel	< 0.01 mg/l	0.01	0.01	S30364-1	27Jun11 1423 by 270	27Jun11 1920 by 270	
Silver	< 0.007 mg/l	0.007	0.007	S30364-1	27Jun11 1423 by 270	27Jun11 1920 by 270	
Zinc	< 0.002 mg/l	0.002	0.002	S30364-1	27Jun11 1423 by 270	27Jun11 1920 by 270	



Corvins, AR Facility

CHAIN OF CUSTODY / ANALYSIS REQUEST FORM

Client: <u>L. A. Darling Company</u>		PO No. _____	Analyses Requested						AIC Control No: <u>748851</u>
Project Reference: <u>Semi-Annual Report</u>		Sample Matrix	<input checked="" type="checkbox"/> Arsenic <input checked="" type="checkbox"/> Cadmium <input checked="" type="checkbox"/> Copper <input checked="" type="checkbox"/> Lead <input checked="" type="checkbox"/> Nickel <input checked="" type="checkbox"/> Zinc <input checked="" type="checkbox"/> Total Cyanide <input type="checkbox"/> Silver						AIC Proposal No: _____
Project Manager: <u>(Waste water)</u>									AIC Carrier: <u>FedEx</u>
Sampled By: <u>Andy Stickler</u>		WATER	No of BOTTLES Process (Waste water)						Received Temperature °C: <u>2</u>
AIC No. _____		SOIL							
AIC Sample Identification		GRAVEL							
Date/Time Collected		COMB	Remarks						
<u>06/24/1350</u>		✓	✓						
<u>06/24/1350</u>		✓	✓						
Container Type			Field pH calibration on @ _____						
Preservative			Buffer: _____						
G = Glass			T = Sodium Thiosulfate						
NO = none			Z = Zinc acetate						
S = Sulfuric acid pH2			H = HCl to pH2						
P = Plastic			B = NaOH to pH12						
Turnaround Time Requested: (Please circle)			Relinquished			Received			
NORMAL or EXPEDITED IN _____ DAYS			By: <u>Andy Stickler</u>			By: _____			
Expedited results requested by: _____			Date/Time: <u>6/24/13 1840</u>			Date/Time: _____			
Who should AIC contact with questions: <u>Andy Stickler</u>			Relinquished			Received in Lab			
Phone: <u>810-236-0830</u> Fax: <u>870-239-9724</u>			By: _____			By: <u>Shirley</u>			
Report Attention to: <u>Andy Stickler</u>			Comments: <u>Please send Bill to: L.A. Darling Company</u>						
Report Address to: <u>200 Rosewood Dr.</u>			<u>Wooten Lane</u>						
_____ <u>PARABOUL, AR 72450</u>			<u>Wooten Lane</u>						
			<u>Corvins, AR. 74822</u>						
			<u>Not firm: Andy Stickler</u>						

8756 9263 7229