PROVIDENCE

LDEQ RECEIPT
2011 FEB 23 PM 3:21

February 23, 2011

original to JOW
copy to Ind Gil Sheppard
PAR
PER20100004

MAIN FILE

Louisiana Department of Environmental Quality
Office of Environmental Services
Water Permits Division
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313
Attention: Ms. Christie Clark

RE: Addendum to Application for Renewal of LPDES Permit Number LA0003824
Firestone Polymers, LLC
Lake Charles Facility
Sulphur, Louisiana
Agency Interest Number 1244

Dear Ms. Clark:

Please find attached updated U.S. Environmental Protection Agency (USEPA) Form 2F Data Tables for the storm water discharges from Outfalls 003 and 004. The application originally submitted on December 27, 2010 was lacking storm water effluent data for the parameters total copper and total mercury at Outfalls 003 and 004.

If you have questions regarding this submittal, please contact me (225) 766-7400. Thank you for your assistance in this matter.

Sincerely,
Providence

Aimee R. Killeen

Aimee' R. Killeen
Project Director

RECEIVED
FEB 23 2011
LDEQ

Enclosures

cc/w Enclosures: Mr. Gary Slaven
Firestone Polymers

EPA I.D. NUMBER (copy from Item 1 of Form 1)

LA0003824

Form Approved OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge Information *(Continued from page 3 of Form 2F)*

Outfall 003

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Oil and Grease*	< 5.10 mg/L < 27.86 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Biochemical Oxygen Demand (BOD)	< 12.0 mg/L < 65.6 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Chemical Oxygen Demand (COD)	36 mg/L 197 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	(1), (2)
Total Organic Carbon (TOC)	19 mg/L 103.9 lbs/day	8.5 mg/L 46.5 lbs/day	NA	NA	1	(1), (2)
Total Dissolved Solids (TDS)	217.0 mg/L 1186.1 lbs/day	169.0 mg/L 923.7 lbs/day	NA	NA	1	(1), (2)
Total Suspended Solids (TSS)	13.8 mg/L 75.4 lbs/day	24.2 mg/L 132.3 lbs/day	NA	NA	1	(1), (2)
Total Kjeldahl Nitrogen	< 1.2 mg/L < 6.6 lbs/day	< 1.0 mg/L < 5.5 lbs/day	NA	NA	1	NA
Nitrogen, Nitrate-Nitrite	< 0.5 mg/L < 2.7314 lbs/day	0.6 mg/L 3.280 lbs/day	NA	NA	1	NA
Ammonia (as Nitrogen)	< 0.500 mg/L < 2.7314 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Total Phosphorus	0.398 mg/L 2.175 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	(1), (2)
Temperature °F*	74	74	NA	NA	1	(1), (2)
Turbidity	7.66	26.10	NA	NA	1	(1), (2)
pH (standard units)*	8.45	8.45	NA	NA	1	(1), (2)

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Analytical data for all pollutants that are limited in an applicable effluent guideline and/or that are listed in the facility's LPDES permit are provided in Parts A and C.						
Organic Nitrogen, Total	1.20 mg/L 6.56 lbs/day	< 1.00 mg/L < 5.47 lbs/day	NA	NA	1	(1), (2)
Bromide	< 0.25 mg/L < 1.37 lbs/day	< 0.25 mg/L < 1.366 lbs/day	NA	NA	1	NA
Fluoride	0.207 mg/L 1.13 lbs/day	0.179 mg/L 0.978 lbs/day	NA	NA	1	(1), (2)

Continued from the Front

Outfall 003

Part C - List each pollutant shown in Tables 2F-2, 2F-3 and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
CONVENTIONAL AND NONCONVENTIONAL POLLUTANTS (LAC 33:IX.7107 APPENDIX D TABLE IV)						
Aluminum, Total	0.305 mg/L 1.667 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	(1), (2)
Barium, Total	0.065 mg/L 0.354 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	(1), (2)
Boron, Total	0.095 mg/L 0.519 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	(1), (2)
Cobalt, Total	< 0.010 mg/L < 0.055 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Iron, Total	0.263 mg/L 1.438 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	(1), (2)
Magnesium, Total	4.110 mg/L 22.465 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	(1), (2)
Manganese, Total	0.1140 mg/L 0.6231 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	(1), (2)
Molybdenum, Total	< 0.0100 mg/L < 0.0547 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Tin, Total	< 0.1000 mg/L < 0.5466 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Titanium, Total	< 0.0100 mg/L < 0.0547 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Sulfide	< 0.05 mg/L < 0.27 lbs/day	< 0.05 mg/L < 0.27 lbs/day	NA	NA	1	NA
Sulfite	< 5.00 mg/L < 27.33 lbs/day	< 5.00 mg/L < 27.33 lbs/day	NA	NA	1	NA
Surfactants	0.198 mg/L 1.08 lbs/day	0.20 mg/L 1.08 lbs/day	NA	NA	1	(1), (2)
Sulfate	21.5 mg/L 117.5 lbs/day	17.1 mg/L 93.5 lbs/day	NA	NA	1	(1), (2)
PRIORITY POLLUTANT METALS, TOTAL CYANIDE AND TOTAL PHENOLS (LAC 33:IX.7107 APPENDIX D TABLE III)						
Antimony, Total	< 0.0200 mg/L < 0.1093 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Arsenic, Total	< 0.0100 mg/L < 0.0547 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Beryllium, Total	< 0.00050 mg/L < 0.00273 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Cadmium, Total	< 0.001 mg/L < 0.005 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Chromium, Total	< 0.0050 mg/L < 0.0273 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Copper, Total	< 0.005 mg/L < 0.038 lbs/day	< 0.005 mg/L < 0.016 lbs/day	NA	NA	1	NA
Cyanide, Total*	< 0.0100 mg/L < 0.0547 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Lead, Total	< 0.0100 mg/L < 0.05466 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Mercury, Total	0.0000055 mg/L 0.000042 lbs/day	0.0000063 mg/L 0.000020 lbs/day	NA	NA	1	(1), (2)
Nickel, Total	< 0.0050 mg/L < 0.0273 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Selenium, Total	< 0.005 mg/L < 0.027 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Silver, Total	< 0.0005 mg/L < 0.0027 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Thallium, Total	< 0.0005 mg/L < 0.0027 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
Zinc, Total	0.0329 mg/L 0.18 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	(1), (2)
Phenols, Total*	< 0.00500 mg/L < 0.02733 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	NA
VOLATILE ORGANIC COMPOUNDS (LAC 33:IX.7107 APPENDIX D TABLE II)						
Acrolein	< 0.0500 mg/L < 0.2733 lbs/day	< 0.0500 mg/L < 0.2733 lbs/day	NA	NA	1	NA
Acrylonitrile	< 0.0200 mg/L < 0.1093 lbs/day	< 0.0200 mg/L < 0.1093 lbs/day	NA	NA	1	NA
Benzene	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Bromoform (Tribromomethane)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Carbon tetrachloride (Tetrachloromethane)	< 0.00200 mg/L < 0.01093 lbs/day	< 0.00200 mg/L < 0.01093 lbs/day	NA	NA	1	NA
Chlorobenzene	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA

Continued from the Front

Outfall 003

Part C - List each pollutant shown in Tables 2F-2, 2F-3 and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Chlorodibromomethane (Dibromochloromethane)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Chloroethane	< 0.01000 mg/L < 0.05466 lbs/day	< 0.01000 mg/L < 0.05466 lbs/day	NA	NA	1	NA
2-Chloroethylvinyl ether	< 0.0100 mg/L < 0.0547 lbs/day	< 0.0100 mg/L < 0.0547 lbs/day	NA	NA	1	NA
Chloroform (Trichloromethane)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Dichlorobromomethane (Bromodichloromethane)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
1,1-Dichloroethane	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
1,2-Dichloroethane (Ethylene Dichloride)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
1,1-Dichloroethylene (1,1-Dichloroethene)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
1,2-Dichloropropane	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Ethylbenzene	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Methyl bromide (Bromomethane)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Methyl chloride (Chloromethane)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Methylene chloride (Dichloromethane)	< 0.01000 mg/L < 0.05466 lbs/day	< 0.01000 mg/L < 0.05466 lbs/day	NA	NA	1	NA
Styrene	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
1,1,2,2-Tetrachloroethane	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Tetrachloroethylene (Tetrachloroethene)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Toluene	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
1,2-trans-Dichloroethylene (1,2-trans-Dichloroethene)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
1,1,1-Trichloroethane	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
1,1,2-Trichloroethane	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Trichloroethylene (Trichloroethene)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Vinyl chloride (Chloroethylene)	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
ACID EXTRACTABLE COMPOUNDS (LAC 33:IX.7107 APPENDIX D TABLE II)						
2-Chlorophenol	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
3,4-Chlorophenol	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
2,3-Dichlorophenol	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
2,4-Dichlorophenol	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
2,5-Dichlorophenol	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
2,6-Dichlorophenol	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
3,4-Dichlorophenol	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
2,4-Dimethylphenol	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
4,6-Dinitro-o-cresol (4,6-dinitro-2-methylphenol)	< 0.0021 mg/L < 0.0113 lbs/day	< 0.0021 mg/L < 0.0113 lbs/day	NA	NA	1	NA
2,4-Dinitrophenol	< 0.0206 mg/L < 0.1126 lbs/day	< 0.0206 mg/L < 0.1126 lbs/day	NA	NA	1	NA
2-Nitrophenol	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
4-Nitrophenol	< 0.2060 mg/L < 1.1260 lbs/day	< 0.2060 mg/L < 1.1260 lbs/day	NA	NA	1	NA
p-Chloro-m-cresol (4-chloro-3-methylphenol)	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA

Continued from the Front

Outfall 003

Part C - List each pollutant shown in Tables 2F-2, 2F-3 and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Pentachlorophenol	< 0.0021 mg/L < 0.0113 lbs/day	< 0.0021 mg/L < 0.0113 lbs/day	NA	NA	1	NA
Phenol	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
2,4,6-Trichlorophenol	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
BASE/NEUTRAL COMPOUNDS (LAC 33:IX.7107 APPENDIX D TABLE II)						
Acenaphthene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Acenaphthylene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Anthracene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Benzidine	< 0.0021 mg/L < 0.0113 lbs/day	< 0.0021 mg/L < 0.0113 lbs/day	NA	NA	1	NA
Benzo(a)anthracene	< 0.0021 mg/L < 0.0113 lbs/day	< 0.0021 mg/L < 0.0113 lbs/day	NA	NA	1	NA
Benzo(a)pyrene	< 0.0021 mg/L < 0.0113 lbs/day	< 0.0021 mg/L < 0.0113 lbs/day	NA	NA	1	NA
3,4-Benzofluoranthene [Benzo(b)fluoranthene]	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Benzo(ghi)perylene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Benzo(k)fluoranthene	< 0.0021 mg/L < 0.0113 lbs/day	< 0.0021 mg/L < 0.0115 lbs/day	NA	NA	1	NA
Bis(2-chloroethoxy)methane	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Bis(2-chloroethyl)ether	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Bis(2-chloroisopropyl)ether [2,2'-oxybis(1-Chloropropane)]	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Bis(2-ethylhexyl)phthalate	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
4-Bromophenyl phenyl ether	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Butylbenzyl phthalate	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
2-Chloronaphthalene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
4-Chlorophenyl phenyl ether	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Chrysene	< 0.0021 mg/L < 0.0113 lbs/day	< 0.0021 mg/L < 0.0113 lbs/day	NA	NA	1	NA
Dibenzo(a,h,)anthracene	< 0.0021 mg/L < 0.0113 lbs/day	< 0.0021 mg/L < 0.0113 lbs/day	NA	NA	1	NA
1,2-Dichlorobenzene	< 0.01000 mg/L < 0.05466 lbs/day	< 0.01000 mg/L < 0.05466 lbs/day	NA	NA	1	NA
1,3-Dichlorobenzene	< 0.01000 mg/L < 0.05466 lbs/day	< 0.01000 mg/L < 0.05466 lbs/day	NA	NA	1	NA
1,4-Dichlorobenzene	< 0.01000 mg/L < 0.05466 lbs/day	< 0.01000 mg/L < 0.05466 lbs/day	NA	NA	1	NA
3,3'-Dichlorobenzidine	< 0.0041 mg/L < 0.0225 lbs/day	< 0.0041 mg/L < 0.0225 lbs/day	NA	NA	1	NA
Diethyl phthalate	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Dimethyl phthalate	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Di-n-butyl phthalate	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
2,4-Dinitrotoluene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
2,6-Dinitrotoluene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Di-n-octyl phthalate	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
1,2-Diphenylhydrazine (as azobenzene)	< 0.0103 mg/L < 0.0563 lbs/day	< 0.0103 mg/L < 0.0563 lbs/day	NA	NA	1	NA
Fluoranthene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Fluorene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Hexachlorobenzene	< 0.0021 mg/L < 0.0113 lbs/day	< 0.0021 mg/L < 0.0113 lbs/day	NA	NA	1	NA

Continued from the Front

Outfall 003

Part C - List each pollutant shown in Tables 2F-2, 2F-3 and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)* Grab Sample Taken During First 30 Minutes	Maximum Values *(include units)* Flow-weighted Composite	Average Values *(include units)* Grab Sample Taken During First 30 Minutes	Average Values *(include units)* Flow-weighted Composite	Number of Storm Events Sampled	Sources of Pollutants
Hexachlorobutadiene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Hexachlorocyclopentadiene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Hexachloroethane	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Indeno(1,2,3-cd)pyrene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Isophorone	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Naphthalene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Nitrobenzene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
n-Nitrosodimethylamine	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
n-Nitrosodi-n-propylamine	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
n-Nitrosodiphenylamine	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Phenanthrene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
Pyrene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
1,2,4-Trichlorobenzene	< 0.0052 mg/L < 0.0281 lbs/day	< 0.0052 mg/L < 0.0281 lbs/day	NA	NA	1	NA
OTHER PARAMETERS						
Color (True, Apparent)	27/89 PtCo	27/172 PtCo	NA	NA	1	(1), (2)
cis-1,3-Dichloropropylene (1,3-Dichloropropene) **See Note ****	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
trans-1,3-Dichloropropylene (1,3-Dichloropropene) **See Note ****	< 0.00500 mg/L < 0.02733 lbs/day	< 0.00500 mg/L < 0.02733 lbs/day	NA	NA	1	NA
Hardness (As CaCO3)	81.0 mg/L 442.7 lbs/day	59.7 mg/L 326.3 lbs/day	NA	NA	1	(1), (2)
Hardness, Calcium (As CaCO3)	64.1 mg/L 350.4 lbs/day	48.4 mg/L 264.6 lbs/day	NA	NA	1	(1), (2)

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow-weighted composite sample.

1. Date of Storm Event	2. Duration of Storm *(in minutes)*	3. Total rainfall during storm event *(in inches)*	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event *(gallons/minute or specify units)*	6. Total flow from rain event *(gallons or specify units)*
11/1/2010 All Parameters Except Cu and Hg	180	1.65	>72	6.55 MGD	0.655 MGD
1/9/2011 Cu and Hg	160	0.17	>72	0.913 MGD	4.307 MGD

7. Provide a description of the method of flow measurement or estimate.

The flow rate at Outfall 003 was consistent during the storm event. The flow rate was calculated using the formula 3.33*(4.5-(0.2*(H/12)))*((H/12)^1.5)*0.646272, where H=2

NOTES:

* These parameters cannot be composited. Therefore, they were collected as grab samples after the first flush samples were collected.

** 1,3-dichloropropene (listed by older synonym 1,3-dichloropropylene) is a priority pollutant (PP) VOC included on Table II Appendix D, LAC 33:IX.7107 (Table II, Appendix D, 40 CFR 122) and the Form 2C. The USEPA lists approved analytical methods (40 CFR 136) for each isomer (cis-1,3-dichloropropene and trans-1,3-dichloropropene) separately (same methods) but does not list an approved method for 1,3-dichloropropene. Therefore, only the isomers were actually analyzed, and the results are included herein and also are reported to represent 1,3-dichloropropene.

Mass values for the 11/01/2010 first-flush grab samples were calculated using the following instantaneous flow rate measured in the field while collecting the first-flush sample: 0.655 MGD

Mass values for the 11/01/2010 flow-weighted composite samples (and the grab samples collected during the composite period for parameters which cannot be composited) were calculated using the average flow from the composite event 0.655 MGD

Mass values for the 1/09/2011 first-flush grab samples were calculated using the following instantaneous flow rate measured in the field while collecting the first-flush sample: 0.913 MGD

Mass values for the 1/09/2011 flow-weighted composite samples (and the grab samples collected during the composite period for parameters which cannot be composited) were calculated using the average flow from the composite event 0.375 MGD

All laboratory analyses for the 11/1/10 and 1/9/11 sampling event were performed by Sherry Laboratories of Lafayette, LA. However, Color, Surfactant, Fluoride, Total Phosphorus, Total Phenolics, Sulfide, Bromide, Aluminum, Beryllium, Selenium, Silver, and Thallium were subcontract to SPL Inc. of Lafayette, LA and Mercury was subcontracted to Accutest of Dayton, NJ.

NA = Not Applicable

< = Indicates parameters analyzed were not detected at or above the respective reporting limit and/or the method detection limit.

°F = Degrees Farenheit

FOOTNOTES:

(1) Particulate deposition from sources associated with raw material, by-product, and final product handling, transfer, processing and/or storage and storm water (contact with facility roads and properties).

(2) Incidental to industrial activity.

(3) Please note that several parameters were inadvertently not analyzed for the storm water composite sample. Because first flush grab samples were collected for these parameters and represent the worst case discharge levels during a storm event, Firestone believes that an additional storm water sampling event is not necessary at this time.

EPA I.D. NUMBER (copy from Item 1 of Form 1)

LA0003824

Form Approved OMB No. 2040-0086
Approval expires 5-31-92

VII. Discharge Information *(Continued from page 3 of Form 2F)*

Outfall 004

Part A - You must provide the results of at least one analysis for every pollutant in this table. Complete one table for each outfall. See instructions for additional details.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Oil and Grease*	5.10 mg/L 1010.18 lbs/day	6.90 mg/L 1447.57 lbs/day	NA	NA	1	(1), (2)
Biochemical Oxygen Demand (BOD)	< 12.0 mg/L < 2376.9 lbs/day	< 12.0 mg/L < 2517.5 lbs/day	NA	NA	1	NA
Chemical Oxygen Demand (COD)	33 mg/L 6540 lbs/day	29.0 mg/L 6084.0 lbs/day	NA	NA	1	(1), (2)
Total Organic Carbon (TOC)	7.7 mg/L 1526.1 lbs/day	6.9 mg/L 1447.6 lbs/day	NA	NA	1	(1), (2)
Total Dissolved Solids (TDS)	143.0 mg/L 28341.7 lbs/day	133.0 mg/L 27902.5 lbs/day	NA	NA	1	(1), (2)
Total Suspended Solids (TSS)	93.5 mg/L 18531.1 lbs/day	47.0 mg/L 9860.3 lbs/day	NA	NA	1	(1), (2)
Total Kjeldahl Nitrogen	< 1.0 mg/L < 198.1 lbs/day	< 1.0 mg/L < 209.8 lbs/day	NA	NA	1	NA
Nitrogen, Nitrate-Nitrite	1.4 mg/L 277.305 lbs/day	1 mg/L 209.793 lbs/day	NA	NA	1	(1), (2)
Ammonia (as Nitrogen)	< 0.500 mg/L < 99.0375 lbs/day	< 0.500 mg/L < 104.897 lbs/day	NA	NA	1	(1), (2)
Total Phosphorus	< 0.05 mg/L < 9.910 lbs/day	0.143 mg/L 30.000 lbs/day	NA	NA	1	(1), (2)
Temperature °F*	74	(3)	NA	NA	1	(1), (2)
Turbidity	124.00	75.60	NA	NA	1	(1), (2)
pH (standard units)*	8.34	(3)	NA	NA	1	(1), (2)

Part B - List each pollutant that is limited in an effluent guideline which the facility is subject to or any pollutant listed in the facility's NPDES permit for its process wastewater (if the facility is operating under an existing NPDES permit). Complete one table for each outfall. See the instructions for additional details and requirements.

Pollutant and CAS Number *(if available)*	Maximum Values *(include units)*		Average Values *(include units)*		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Analytical data for all pollutants that are limited in an applicable effluent guideline and/or that are listed in the facility's LPDES permit are provided in Parts A and C.						
Organic Nitrogen, Total	< 1.00 mg/L < 198.19 lbs/day	< 1.00 mg/L < 209.79 lbs/day	NA	NA	1	NA
Bromide	< 0.25 mg/L < 49.55 lbs/day	< 0.25 mg/L < 52.448 lbs/day	NA	NA	1	NA
Fluoride	0.205 mg/L 40.63 lbs/day	0.211 mg/L 44.266 lbs/day	NA	NA	1	(1), (2)

Continued from the Front

Outfall 004

Part C - List each pollutant shown in Tables 2F-2, 2F-3 and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
CONVENTIONAL AND NONCONVENTIONAL POLLUTANTS (LAC 33:IX.7107 APPENDIX D TABLE IV)						
Aluminum, Total	2.290 mg/L 453.864 lbs/day	1.640 mg/L 344.061 lbs/day	NA	NA	1	(1), (2)
Barium, Total	0.075 mg/L 14.924 lbs/day	0.063 mg/L 13.217 lbs/day	NA	NA	1	(1), (2)
Boron, Total	0.106 mg/L 21.009 lbs/day	0.105 mg/L 22.028 lbs/day	NA	NA	1	(1), (2)
Cobalt, Total	< 0.010 mg/L < 1.982 lbs/day	< 0.010 mg/L < 2.098 lbs/day	NA	NA	1	NA
Iron, Total	1.660 mg/L 329.002 lbs/day	1.070 mg/L 224.479 lbs/day	NA	NA	1	(1), (2)
Magnesium, Total	1.490 mg/L 295.309 lbs/day	1.640 mg/L 344.061 lbs/day	NA	NA	1	(1), (2)
Manganese, Total	0.0533 mg/L 10.5637 lbs/day	0.0360 mg/L 7.5526 lbs/day	NA	NA	1	(1), (2)
Molybdenum, Total	< 0.0100 mg/L < 1.9819 lbs/day	< 0.0100 mg/L < 2.0979 lbs/day	NA	NA	1	NA
Tin, Total	< 0.1000 mg/L < 19.8194 lbs/day	< 0.1000 mg/L < 20.9793 lbs/day	NA	NA	1	NA
Titanium, Total	0.1210 mg/L 23.9814 lbs/day	0.0953 mg/L 19.9933 lbs/day	NA	NA	1	(1), (2)
Sulfide	< 0.05 mg/L < 9.91 lbs/day	< 0.05 mg/L < 10.49 lbs/day	NA	NA	1	NA
Sulfite	< 5.00 mg/L < 990.97 lbs/day	< 5.00 mg/L < 1048.97 lbs/day	NA	NA	1	NA
Surfactants	0.126 mg/L 24.97 lbs/day	< 0.10 mg/L < 20.98 lbs/day	NA	NA	1	(1), (2)
Sulfate	29.3 mg/L 5807.1 lbs/day	35.9 mg/L 7531.6 lbs/day	NA	NA	1	(1), (2)
PRIORITY POLLUTANT METALS, TOTAL CYANIDE AND TOTAL PHENOLS (LAC 33:IX.7107 APPENDIX D TABLE III)						
Antimony, Total	< 0.0200 mg/L < 3.9639 lbs/day	< 0.0600 mg/L < 12.5876 lbs/day	NA	NA	1	NA
Arsenic, Total	< 0.0100 mg/L < 1.9819 lbs/day	< 0.0100 mg/L < 2.0979 lbs/day	NA	NA	1	NA
Beryllium, Total	< 0.00050 mg/L < 0.09910 lbs/day	< 0.00050 mg/L < 0.10490 lbs/day	NA	NA	1	NA
Cadmium, Total	< 0.001 mg/L < 0.198 lbs/day	< 0.001 mg/L < 0.210 lbs/day	NA	NA	1	NA
Chromium, Total	< 0.0100 mg/L < 1.9819 lbs/day	< 0.0100 mg/L < 2.0979 lbs/day	NA	NA	1	NA
Copper, Total	0.006 mg/L 0.009 lbs/day	0.009 mg/L 0.014 lbs/day	NA	NA	1	(1), (2)
Cyanide, Total*	< 0.0100 mg/L < 1.9819 lbs/day	< 0.0100 mg/L < 2.0979 lbs/day	NA	NA	1	NA
Lead, Total	< 0.0083 mg/L < 1.64501 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Mercury, Total	0.0000047 mg/L 0.000007 lbs/day	0.0000041 mg/L 0.000006 lbs/day	NA	NA	1	(1), (2)
Nickel, Total	0.0071 mg/L 1.4072 lbs/day	< 0.005 mg/L < 1.0490 lbs/day	NA	NA	1	(1), (2)
Selenium, Total	< 0.005 mg/L < 0.991 lbs/day	< 0.005 mg/L < 1.049 lbs/day	NA	NA	1	NA
Silver, Total	< 0.0005 mg/L < 0.0991 lbs/day	< 0.0005 mg/L < 0.105 lbs/day	NA	NA	1	NA
Thallium, Total	< 0.0005 mg/L < 0.0991 lbs/day	< 0.0005 mg/L < 0.1049 lbs/day	NA	NA	1	NA
Zinc, Total	0.368 mg/L 72.94 lbs/day	0.230 mg/L 48.252 lbs/day	NA	NA	1	(1), (2)
Phenols, Total*	< 0.00500 mg/L < 0.99097 lbs/day	(3) mg/L (3) lbs/day	NA	NA	1	(1), (2)
VOLATILE ORGANIC COMPOUNDS (LAC 33:IX.7107 APPENDIX D TABLE II)						
Acrolein	< 0.0500 mg/L < 9.9097 lbs/day	< 0.0500 mg/L < 10.4897 lbs/day	NA	NA	1	NA
Acrylonitrile	< 0.0200 mg/L < 3.9639 lbs/day	< 0.0200 mg/L < 4.1959 lbs/day	NA	NA	1	NA
Benzene	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Bromoform (Tribromomethane)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Carbon tetrachloride (Tetrachloromethane)	< 0.00200 mg/L < 0.39639 lbs/day	< 0.00200 mg/L < 0.41959 lbs/day	NA	NA	1	NA
Chlorobenzene	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA

Continued from the Front

Outfall 004

Part C - List each pollutant shown in Tables 2F-2, 2F-3 and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Chlorodibromomethane (Dibromochloromethane)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Chloroethane	< 0.01000 mg/L < 1.98194 lbs/day	< 0.01000 mg/L < 2.09793 lbs/day	NA	NA	1	NA
2-Chloroethylvinyl ether	< 0.0100 mg/L < 1.9819 lbs/day	< 0.0100 mg/L < 2.0979 lbs/day	NA	NA	1	NA
Chloroform (Trichloromethane)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Dichlorobromomethane (Bromodichloromethane)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
1,1-Dichloroethane	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
1,2-Dichloroethane (Ethylene Dichloride)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
1,1-Dichloroethylene (1,1-Dichloroethene)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
1,2-Dichloropropane	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Ethylbenzene	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Methyl bromide (Bromomethane)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Methyl chloride (Chloromethane)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Methylene chloride (Dichloromethane)	< 0.01000 mg/L < 1.98194 lbs/day	< 0.01000 mg/L < 2.09793 lbs/day	NA	NA	1	NA
Styrene	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
1,1,2,2-Tetrachloroethane	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Tetrachloroethylene (Tetrachloroethene)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Toluene	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
1,2-trans-Dichloroethylene (1,2-trans-Dichloroethene)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
1,1,1-Trichloroethane	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
1,1,2-Trichloroethane	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Trichloroethylene (Trichloroethene)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Vinyl chloride (Chloroethylene)	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
ACID EXTRACTABLE COMPOUNDS (LAC 33:IX.7107 APPENDIX D TABLE II)						
2-Chlorophenol	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
3,4-Chlorophenol	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
2,3-Dichlorophenol	< 0.0052 mg/L < 1.0207 lbs/day	< 0.0052 mg/L < 1.0804 lbs/day	NA	NA	1	NA
2,4-Dichlorophenol	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
2,5-Dichlorophenol	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
2,6-Dichlorophenol	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
3,4-Dichlorophenol	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
2,4-Dimethylphenol	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
4,6-Dinitro-o-cresol (4,6-dinitro-2-methylphenol)	< 0.0204 mg/L < 4.0432 lbs/day	< 0.0204 mg/L < 4.2798 lbs/day	NA	NA	1	NA
2,4-Dinitrophenol	< 0.0204 mg/L < 4.0432 lbs/day	< 0.0204 mg/L < 4.2798 lbs/day	NA	NA	1	NA
2-Nitrophenol	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
4-Nitrophenol	< 0.0204 mg/L < 4.0432 lbs/day	< 0.0204 mg/L < 4.2798 lbs/day	NA	NA	1	NA
p-Chloro-m-cresol (4-chloro-3-methylphenol)	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Pentachlorophenol	< 0.0020 mg/L < 0.4043 lbs/day	< 0.0020 mg/L < 0.4280 lbs/day	NA	NA	1	NA
Phenol	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
2,4,6-Trichlorophenol	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA

Continued from the Front

Outfall 004

Part C - List each pollutant shown in Tables 2F-2, 2F-3 and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
BASE/NEUTRAL COMPOUNDS (LAC 33:IX.7107 APPENDIX D TABLE II)						
Acenaphthene	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Acenaphthylene	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Anthracene	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Benzidine	< 0.0204 mg/L < 4.0432 lbs/day	< 0.0204 mg/L < 4.2798 lbs/day	NA	NA	1	NA
Benzo(a)anthracene	< 0.0020 mg/L < 0.4043 lbs/day	< 0.0020 mg/L < 0.4280 lbs/day	NA	NA	1	NA
Benzo(a)pyrene	< 0.0020 mg/L < 0.4043 lbs/day	< 0.0020 mg/L < 0.4280 lbs/day	NA	NA	1	NA
3,4-Benzofluoranthene [Benzo(b)fluoranthene]	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Benzo(ghi)perylene	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Benzo(k)fluoranthene	< 0.0020 mg/L < 0.4043 lbs/day	< 0.0020 mg/L < 0.4280 lbs/day	NA	NA	1	NA
Bis(2-chloroethoxy)methane	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Bis(2-chloroethyl)ether	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Bis(2-chloroisopropyl)ether [2,2'-oxybis(1-Chloropropane)]	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Bis(2-ethylhexyl)phthalate	0.0093 mg/L 1.8432 lbs/day	0.0299 mg/L 6.2728 lbs/day	NA	NA	1	(1), (2)
4-Bromophenyl phenyl ether	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Butylbenzyl phthalate	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
2-Chloronaphthalene	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
4-Chlorophenyl phenyl ether	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Chrysene	< 0.0020 mg/L < 0.4043 lbs/day	< 0.0020 mg/L < 0.4280 lbs/day	NA	NA	1	NA
Dibenzo(a,h,)anthracene	< 0.0020 mg/L < 0.4043 lbs/day	< 0.0020 mg/L < 0.4280 lbs/day	NA	NA	1	NA
1,2-Dichlorobenzene	< 0.01000 mg/L < 1.98194 lbs/day	< 0.01000 mg/L < 2.09793 lbs/day	NA	NA	1	NA
1,3-Dichlorobenzene	< 0.01000 mg/L < 1.98194 lbs/day	< 0.01000 mg/L < 2.09793 lbs/day	NA	NA	1	NA
1,4-Dichlorobenzene	< 0.01000 mg/L < 1.98194 lbs/day	< 0.01000 mg/L < 2.09793 lbs/day	NA	NA	1	NA
3,3'-Dichlorobenzidine	< 0.0041 mg/L < 0.8086 lbs/day	< 0.0041 mg/L < 0.8560 lbs/day	NA	NA	1	NA
Diethyl phthalate	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Dimethyl phthalate	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Di-n-butyl phthalate	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
2,4-Dinitrotoluene	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
2,6-Dinitrotoluene	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Di-n-octyl phthalate	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
1,2-Diphenylhydrazine (as azobenzene)	< 0.0102 mg/L < 2.0216 lbs/day	< 0.0102 mg/L < 2.1399 lbs/day	NA	NA	1	NA
Fluoranthene	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Fluorene	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Hexachlorobenzene	< 0.0020 mg/L < 0.3964 lbs/day	< 0.0020 mg/L < 0.4196 lbs/day	NA	NA	1	NA
Hexachlorobutadiene	< 0.0051 mg/L < 1.1108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA

Continued from the Front

Outfall 004

Part C - List each pollutant shown in Tables 2F-2, 2F-3 and 2F-4 that you know or have reason to believe is present. See the instructions for additional details and requirements. Complete one table for each outfall.

Pollutant and CAS Number (if available)	Maximum Values (include units)		Average Values (include units)		Number of Storm Events Sampled	Sources of Pollutants
	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite		
Hexachlorocyclopentadiene	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Hexachloroethane	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Indeno(1,2,3-cd)pyrene	< 0.0020 mg/L < 0.4043 lbs/day	< 0.0020 mg/L < 0.4280 lbs/day	NA	NA	1	NA
Isophorone	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Naphthalene	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Nitrobenzene	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
n-Nitrosodimethylamine	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
n-Nitrosodi-n-propylamine	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
n-Nitrosodiphenylamine	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Phenanthrene	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
Pyrene	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
1,2,4-Trichlorobenzene	< 0.0051 mg/L < 1.0108 lbs/day	< 0.0051 mg/L < 1.0699 lbs/day	NA	NA	1	NA
OTHER PARAMETERS						
Color (True, Apparent)	37/324 PtCo	40/372 PtCo	NA	NA	1	(1), (2)
cis-1,3-Dichloropropylene (1,3-Dichloropropene) **See Note ****	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
trans-1,3-Dichloropropylene (1,3-Dichloropropene) **See Note ****	< 0.00500 mg/L < 0.99097 lbs/day	< 0.00500 mg/L < 1.04897 lbs/day	NA	NA	1	NA
Hardness (As CaCO3)	69.0 mg/L 13675.4 lbs/day	57.1 mg/L 11316.9 lbs/day	NA	NA	1	(1), (2)
Hardness, Calcium (As CaCO3)	62.9 mg/L 12466.4 lbs/day	50.3 mg/L 9969.1 lbs/day	NA	NA	1	(1), (2)

Part D - Provide data for the storm event(s) which resulted in the maximum values for the flow-weighted composite sample.

1. Date of Storm Event	2. Duration of Storm (in minutes)	3. Total rainfall during storm event (in inches)	4. Number of hours between beginning of storm measured and end of previous measurable rain event	5. Maximum flow rate during rain event (gallons/minute or specify units)	6. Total flow from rain event (gallons or specify units)
11/1/2010 All Parameters Except Cu and Hg	180	1.65	>72	27.99 MGD	249.99 MGD
1/9/2011 Cu and Hg	160	0.17	>72	0.181 MGD	28.96 MGD

7. Provide a description of the method of flow measurement or estimate.

The flow rate at Outfall 003 was consistent during the storm event. The flow rate was calculated using Manning's Equation.

NOTES:

* These parameters cannot be composited. Therefore, they were collected as grab samples after the first flush samples were collected.

** 1,3-dichloropropene (listed by older synonym 1,3-dichloropropylene) is a priority pollutant (PP) VOC included on Table II Appendix D, LAC 33:IX.7107 (Table II, Appendix D, 40 CFR 122) and the Form 2C. The USEPA lists approved analytical methods (40 CFR 136) for each isomer (cis-1,3-dichloropropene and trans-1,3-dichloropropene) separately (same methods) but does not list an approved method for 1,3-dichloropropene. Therefore, only the isomers were actually analyzed, and the results are included herein and also are reported to represent 1,3-dichloropropene.

Mass values for the 11/01/2010 first-flush grab samples were calculated using the following instantaneous flow rate measured in the field while collecting the first-flush sample: 23.75 MGD

Mass values for the 11/01/2010 flow-weighted composite samples (and the grab samples collected during the composite period for parameters which cannot be composited) were calculated using the average flow from the composite event 25.14 MGD

Mass values for the 1/09/2011 first-flush grab samples were calculated using the following instantaneous flow rate measured in the field while collecting the first-flush sample: 0.181 MGD

Mass values for the 1/09/2011 flow-weighted composite samples (and the grab samples collected during the composite period for parameters which cannot be composited) were calculated using the average flow from the composite event 0.181 MGD

All laboratory analyses for the 11/1/10 and 1/9/11 sampling event were performed by Sherry Laboratories of Lafayette, LA. However, Color, Surfactant, Fluoride, Total Phosphorus, Total Phenolics, Sulfide, Bromide, Aluminum, Beryllium, Selenium, Silver, and Thallium were subcontract to SPL Inc. of Lafayette, LA and Mercury was subcontracted to Accutest of Dayton, NJ.

NA = Not Applicable

< = Indicates parameters analyzed were not detected at or above the respective reporting limit and/or the method detection limit.

°F = Degrees Farenheit

FOOTNOTES:

(1) Particulate deposition from sources associated with raw material, by-product, and final product handling, transfer, processing and/or storage and storm water (contact with facility roads and properties).

(2) Incidental to industrial activity.

(3) Please note that these parameters inadvertently ertr not analyzed for in the storm water composite sample. Because first flush grab samples were collected for this parameter and represents the worst case discharge levels during a storm event, Firestone believes that an additional storm water sampling event is not necessary at this time.