

# Louisville Metro Air Pollution Control District

## Excess Emission Reports

### March 2007

**Plant:** 0011 **American Synthetic Rubber, 4500 Camp Ground Rd**

Started: 3/2/2007 at 03:00 AM Stopped: 3/2/2007 at 04:15 AM Report ID: **07132**

**Problem Description:** Pollutant: SO2 Equipment: SDR

Lime slurry pump. Issue identified and adjustment being made.

Reported: 3/2/2007 at 03:40 AM STATUS: WORKING

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Started: 3/2/2007 at 06:00 AM Stopped: 3/18/2007 at 08:45 AM Report ID: **07133**

**Problem Description:** Pollutant: SO2 Equipment: SDR.

Lime slurry issues.

Assessing causes of lime slurry problems.

Reported: 3/4/2007 at 10:40 PM STATUS: WORKING

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Started: 3/18/2007 at 07:55 AM Stopped: 3/18/2007 at 09:12 AM Report ID: **07151**

**Problem Description:** Pollutant: PART. OPACITY Equipment: Baghouse

Baghouse problems.

Reported: 3/18/2007 at 09:15 AM STATUS: WORKING

Started: 3/18/2007 at 12:47 AM Stopped: 3/18/2007 at 12:51 AM Report ID: **07138**

**Problem Description:** Pollutant: PART. OPACITY Equipment: Boilers

Out on opacity for 6 minute average.

Reported: 3/18/2007 at 01:45 AM STATUS: WORKING

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Started: 3/18/2007 at 06:15 AM Stopped: at : AM Report ID: **07139**

**Problem Description:** Pollutant: SO2 Equipment: Coal Boilers

Out on SO2, Disk problems, change in density. Cut back rate on Coal Boilers, increase rate of Gas Boilers.

Reported: 3/18/2007 at 06:25 AM STATUS: WORKING

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Started: 3/18/2007 at 08:38 AM Stopped: at : AM Report ID: **07140**

**Problem Description:** Pollutant: SO2 Equipment: Boilers

Back in on 30 day SO2 average, greater than 90% on 30 day average.

Reported: 3/18/2007 at 08:45 AM STATUS: WORKING

Started: 3/18/2007 at 07:54 AM Stopped: 3/18/2007 at 09:12 AM Report ID: **07141**

**Problem Description:** Pollutant: PART. OPACITY Equipment: Bag House

Out on opacity greater than 20% for 6 minute average, due to bag house problem. Currently trying to isolate problem.

Reported: 3/18/2007 at 09:15 AM STATUS: WORKING

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**Plant: 0011 American Synthetic Rubber, 4500 Camp Ground Rd**

Started: 3/18/2007 at 11:34 PM Stopped: 3/18/2007 at 11:37 PM Report ID: 07142  
Problem Description: Pollutant: SO2 Equipment: Spray Dryer Reactor

Out on SO2, spray dryer reactor motor failed, changed disk drivers out, raised the gas boilers and reduced the coal boilers output, reduce emissions. Back in compliance as of now.

Reported: 3/18/2007 at 11:37 PM STATUS: WORKING

Started: 3/18/2007 at 03:15 AM Stopped: 3/18/2007 at 06:00 AM Report ID: 07146  
Problem Description: Pollutant: SO2 Equipment: SDR

Equipment malfunction, replacing spray reator disc drive, cut back rate on coal boiler, increased rate on gas boiler.

Reported: 3/18/2007 at 06:15 AM STATUS: WORKING

Started: 3/18/2007 at 08:35 PM Stopped: 3/18/2007 at 10:37 PM Report ID: 07147  
Problem Description: Pollutant: SO2 Equipment: SDR

Spray reactor disc drive motor failed. Raising gas boiler usage to maximum and reducing coal boiler output to reduce emission.

Reported: 3/18/2007 at 11:33 PM STATUS: WORKING

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Started: 3/19/2007 at 02:02 AM Stopped: at : AM Report ID: 07143  
Problem Description: Pollutant: SO2 Equipment: Spray Reactor

Spray reactor disc drive kicked out, taking out of service. Taking out #1 coal boiler out of service and reducing the rate on the #2 Boiler. Increasing gas boilers back on service raising to maximum rate.

Reported: 3/19/2007 at 02:02 AM STATUS: WORKING

Started: 3/19/2007 at 12:00 AM Stopped: 3/19/2007 at 08:00 AM Report ID: 07148  
Problem Description: Pollutant: PART. OPACITY Equipment: Baghouse

Bad baghouse.

Reported: at : AM STATUS: WORKING

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Started: 3/19/2007 at 12:35 AM Stopped: 3/19/2007 at 02:00 PM Report ID: 07149  
Problem Description: Pollutant: SO2 Equipment: SDR

Spray reactor disc drive taken out of service. #1 coal boiler taken out of service, #2 coal boiler reduced rate. Put gas boiler in service and raised usage to maximum.

Reported: 3/19/2007 at 02:00 AM STATUS: WORKING

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Started: 3/20/2007 at 11:15 PM Stopped: 3/21/2007 at 12:20 AM Report ID: 07155  
Problem Description: Pollutant: PART. OPACITY Equipment: Baghouse

Isolating baghouse modules.

Reported: at : AM STATUS: WORKING

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Started: 3/20/2007 at 08:28 PM Stopped: 3/20/2007 at 09:10 PM Report ID: 07154  
Problem Description: Pollutant: PART. OPACITY Equipment: Baghouse

Isolating baghouse modules.

Reported: at : AM STATUS: WORKING

**Plant: 0011 American Synthetic Rubber, 4500 Camp Ground Rd**

Started: 3/20/2007 at 06:17 PM Stopped: 3/20/2007 at 07:36 PM Report ID: **07153**

**Problem Description:** Isolating baghouse modules. **Pollutant:** PART. OPACITY **Equipment:** Baghouse

Reported: at : AM STATUS: WORKING

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Started: 3/20/2007 at 05:05 AM Stopped: 3/20/2007 at 04:48 PM Report ID: **07150**

**Problem Description:** Baghouse problems. Isolated bag house modules. **Pollutant:** PART. OPACITY **Equipment:** Baghouse

Reported: 3/20/2007 at 05:17 PM STATUS: WORKING

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Started: 3/21/2007 at 04:05 AM Stopped: 3/21/2007 at 04:25 AM Report ID: **07157**

**Problem Description:** Isolating baghouse modules. **Pollutant:** PART. OPACITY **Equipment:** Baghouse Problems

Reported: at : AM STATUS: WORKING

Started: 3/21/2007 at 05:23 AM Stopped: 3/21/2007 at 05:29 AM Report ID: **07158**

**Problem Description:** Isolating baghouse modules. **Pollutant:** PART. OPACITY **Equipment:** Baghouse Problems

Reported: at : AM STATUS: WORKING

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Started: 3/21/2007 at 01:35 AM Stopped: 3/21/2007 at 01:52 AM Report ID: **07156**

**Problem Description:** Isolating baghouse modules. **Pollutant:** PART. OPACITY **Equipment:** Baghouse Problems

Reported: at : AM STATUS: WORKING

Started: 3/23/2007 at 07:20 PM Stopped: 3/24/2007 at 09:00 AM Report ID: **07161**

**Problem Description:** Company called lost spray reactor, changing disc. **Pollutant:** PART. OPACITY **Equipment:** SDR Spray reactor

Reported: 3/23/2007 at 11:18 PM STATUS: WORKING

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Started: 3/23/2007 at 04:18 PM Stopped: 3/23/2007 at 04:50 PM Report ID: **07160**

**Problem Description:** Shutdown, baghouse Isolating baghouse modules. **Pollutant:** PART. OPACITY **Equipment:** Baghouse

Reported: 3/23/2007 at 04:23 PM STATUS: WORKING

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Started: 3/27/2007 at 06:30 AM Stopped: 3/27/2007 at 07:30 AM Report ID: **07164**

**Problem Description:** Isolating baghouse modules. **Pollutant:** PART. OPACITY **Equipment:** Baghouse

Reported: at : AM STATUS: WORKING

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Started: 3/31/2007 at 10:54 PM Stopped: 3/31/2007 at 11:12 PM Report ID: **07168**

**Problem Description:** Instrument malfunction. **Pollutant:** PART. OPACITY **Equipment:** Baghouse

Reported: 4/1/2007 at 12:35 AM STATUS: WORKING

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**Plant: 0011 American Synthetic Rubber, 4500 Camp Ground Rd**

Started: 3/31/2007 at 05:44 PM Stopped: 3/31/2007 at 05:50 PM Report ID: 07167

**Problem Description:** Pollutant: PART. OPACITY Equipment: Baghouse

Isolated baghouse modules.

Reported: 3/31/2007 at 06:10 PM STATUS: WORKING

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Started: 3/31/2007 at 04:06 PM Stopped: 3/31/2007 at 04:12 PM Report ID: 07166

**Problem Description:** Pollutant: PART. OPACITY Equipment: Baghouse

Isolated baghouse modules.

Reported: 3/31/2007 at 04:28 PM STATUS: WORKING

26 Problems reported by plant 0011

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**Plant: 0026 Blue Grass Coop., Brown-Forman, 402 McLean Ave**

Started: 3/3/2007 at 05:00 AM Stopped: 3/3/2007 at 10:15 AM Report ID: 07131

**Problem Description:** Pollutant: PART. OPACITY Equipment: Wood Fired Boiler u5

Shutdown for 8 days to clean the boiler scrubber.

Rec'd fax, 3/6/07. Completion startup, 10:15 a.m.

Reported: 3/6/2007 at 08:35 AM STATUS: WORKING

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1 Problem reported by plant 0026

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**Plant: 0244 Brown-Forman, Early Times Dist, 2921 Dixie Hwy**

Started: 3/15/2007 at 07:00 AM Stopped: at : AM Report ID: 07145

**Problem Description:** Pollutant: PART. OPACITY Equipment: Boiler #1

Reported on 3/14/07. Replace full set of bag house filter.

Reported: at : AM STATUS: WORKING

Started: 3/17/2007 at 07:00 PM Stopped: at : AM Report ID: 07144

**Problem Description:** Pollutant: PART. OPACITY Equipment: Boiler #1

Shutdown Boiler #1 for actual duration of 60 hours

Reported: 3/19/2007 at 10:16 AM STATUS: WORKING

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2 Problems reported by plant 0244

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**Plant: 0028 Hexion Speciality Chemicals, 6200 Camp Ground Rd**

Started: 3/14/2007 at 03:00 PM Stopped: 3/14/2007 at 04:30 PM Report ID: 07137

**Problem Description:** Pollutant: PART. OPACITY Equipment: Unknown

Power failure.

Rec'd ltr; dated, 3-20-07, for event dates 3-14-07.

Reported: at : AM STATUS: WORKING

Started: 3/18/2007 at 06:00 PM Stopped: 3/18/2007 at 06:15 PM Report ID: 07152

**Problem Description:** Pollutant: PART. OPACITY Equipment: Catalyst

Catalyst change/maintenance.

Ltr; re: equipment shutdown/startup event dates: Tentatively 3/18/07 & 3/22/07.

Rec'd ltr. dated, 3/27/07; re: event dates 3/18 & 3/24/07.

Reported: 3/18/2007 at 06:09 PM STATUS: WORKING

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**Plant: 0028 Hexion Speciality Chemicals, 6200 Camp Ground Rd**

Started: 3/24/2007 at 06:30 PM Stopped: 3/24/2007 at 11:30 PM Report ID: 07159  
Problem Description: Pollutant: HAP Equipment: Stack Gas Boiler

Silver formaldehyde process stack gas boiler, Unit Start UP.  
Rec'd ltr. dated, 3/27/07.

Reported: 3/24/2007 at 06:30 PM STATUS: WORKING

3 Problems reported by plant 0028

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**Plant: 0620 John Conti Coffee, 4023 Bardstown Rd**

Started: 3/26/2007 at 10:35 AM Stopped: 3/27/2007 at 10:00 AM Report ID: 07162  
Problem Description: Pollutant: PART. OPACITY Equipment: After Burner

Ken Horbach reported that the after burner is off, service technician has been called. May cause some darker smoke.

Called to report afterburner is back on line.

Reported: 3/26/2007 at 10:58 AM STATUS: WORKING

1 Problem reported by plant 0620

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**Plant: 0019 Kent Feeds, Inc., 932 E Chestnut St**

Started: 3/12/2007 at 03:30 PM Stopped: 3/17/2007 at 07:00 AM Report ID: 07136  
Problem Description: Pollutant: PART. OPACITY Equipment: Thermo Oxidizer

EQUIPMENT MALFUNCTION. Plant was shutdown 48 hours. Replaced the mod motor on thermo oxidizer. Startup was @ 3:30 pm on 3/12/07.

Reported: at : AM STATUS: WORKING

1 Problem reported by plant 0019

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**Plant: 0149 Metro Sewer Dist, Morris Forman, 4522 Algonquin Pkwy**

Started: 3/29/2007 at 08:00 AM Stopped: 3/29/2007 at 02:15 PM Report ID: 07172  
Problem Description: Pollutant: ODOR Equipment: Digester Gas Flare

Emergency shutdown of the digester gas flare to examine and clean the flame arrestor screen and replace a diaphragm in a regulating valve. We suspect one or both of these units of restricting flow to the flare causing gas emissions from the pressure relief valves. We will burn as much gas as possible in dryer ovens, but may have release from time to time. Note: See letter to Sam Bate dated, 3/26/07.

Shutdown was completed at 2:15 p.m. Flame arrestor was cleaned (quite dirty) and valve was cleaned and diaphragm replaced. Flow to flare should be improved and result in better operation and reduced odors.

Reported: 3/29/2007 at 02:30 PM STATUS: WORKING

1 Problem reported by plant 0149

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**Plant: 1333 Oxy Vinyls LP, 4014 Bells Lane**

Started: 3/10/2007 at 03:35 PM Stopped: at : AM Report ID: 07165  
Problem Description: Pollutant: PART. OPACITY Equipment: TK4K PVC Storage Sil

15 day report:

The PVC resin transfer to TK-4K was shutdown immediately upon discovering of the silo overfill.

Reported: 3/26/2007 at 02:30 PM STATUS: WORKING

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**Plant: 1333 Oxy Vinyls LP, 4014 Bells Lane**

Started: 3/10/2007 at 03:35 AM Stopped: 3/10/2007 at 03:45 AM Report ID: 07135

**Problem Description:** Pollutant: PART. OPACITY Equipment: TK4K storage silo

Shut equipment down.

Reported: 3/10/2007 at 04:35 AM STATUS: WORKING

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2 Problems reported by plant 1333

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**Plant: 0189 Rohm and Haas Company, 4300 Camp Ground**

Started: 3/7/2007 at 04:38 AM Stopped: 3/7/2007 at 04:40 AM Report ID: 07134

**Problem Description:** Pollutant: PART. OPACITY Equipment: Boiler 500

Particles were found on cars in the Dupont parking lot. this was reported to Rohm & Haas at about 6:30 am. After investigation of processes it was determined possible cause was a normal startup of Boiler 500, E-UTIL-60-500.

Reported: 3/7/2007 at 08:30 AM STATUS: WORKING

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1 Problem reported by plant 0189

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**Plant: 0036 Sud-Chemie - West Plant, 1227 S 12 St**

Started: 3/28/2007 at 06:00 PM Stopped: at : AM Report ID: 07174

**Problem Description:** Pollutant: NOX Equipment: Rotary

NOX flame-Production stopped malfunction of NOX scrubber.

Reported: 3/28/2007 at 06:20 PM STATUS: WORKING

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1 Problem reported by plant 0036

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