

**Louisville Metro Air Pollution Control District**  
**Excess Emission Reports**  
*December 2006*

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

Started: 12/1/2006 at 03:00 PM Stopped: 12/6/2006 at 02:00 AM Report ID: **07052**

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

Equipment malfunction. Replacing atomizer disc.

Reported: 12/6/2006 at 04:30 AM STATUS: WORKING

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Started: 12/4/2006 at 03:30 PM Stopped: at : AM Report ID: **07049**

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

Conditions arose over the weekend that necessitated a decision on changing out the spray reactor disc before failure.

Reported: 12/4/2006 at 05:19 PM STATUS: WORKING

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Started: 12/6/2006 at 03:15 PM Stopped: 12/7/2006 at 01:25 AM Report ID: **07054**

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

Spray reactor disc failed changing disks.

Reported: at : AM STATUS: WORKING

Started: 12/8/2006 at 01:00 AM Stopped: 12/8/2006 at 05:00 AM Report ID: **07055**

**Problem Description:** Pollutant: SO2 Equipment: SRD

Extreme weather causing equipment malfunction, out on 1 hour scrubbing requirement. Spray Reactor Drive is out of service.

Reported: 12/8/2006 at : AM STATUS: WORKING

Started: 12/14/2006 at 09:30 AM Stopped: 12/14/2006 at 01:00 PM Report ID: **07063**

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

Conditions have arisen that necessitate a decision to change out the spray reactor disc before failure.

This preventive maintenance on the spray dryer reactor will reduce the potential for excess emissions. No bypass of any related control equipment will occur unless necessary to prevent loss of life, personal injury, or severe property damage, and the extent and duration of any bypass will be reduced as much as necessary to minimize excess emissions. All emissions and parametric monitoring systems for the process or process equipment will be operated unless technically infeasible.

Reported: 12/14/2006 at 02:22 PM STATUS: WORKING

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Started: 12/17/2006 at 08:42 AM Stopped: 12/17/2006 at 08:48 AM Report ID: **07060**

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

Fax regarding unplanned baghouse shutdown. Baghouse plugged likely cause of upset condition.

Reported: 12/17/2006 at 09:59 AM STATUS: WORKING

Started: 12/17/2006 at 10:10 PM Stopped: 12/18/2006 at 10:00 AM Report ID: **07064**

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

Spray reactor disk drive taken out of service, #1 coal gas boilers put into service.

Reported: 12/18/2006 at 02:05 PM STATUS: WORKING

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

Started: 12/18/2006 at 07:28 PM Stopped: 12/18/2006 at 10:00 PM Report ID: 07061  
Problem Description: Pollutant: SO2 Equipment: Lime System

12/18/06 @ 7:28 pm: Elmo Max called to report ASRC's 3 hour average for the SO2 emissions is greater than 141 lbs. Issues with the milk of lime system. Currently one coal boiler down, working on repair of system.

12/18/06 @ 10:13 pm Elmo Max called to report that ASRC is bank in compliance with the SO2 emissions on the 3 hour average effective @ 10:00 pm.

Reported: 12/18/2006 at 07:28 PM STATUS: WORKING

Started: 12/20/2006 at 12:48 AM Stopped: 12/20/2006 at 02:00 AM Report ID: 07067  
Problem Description: Pollutant: PART. OPACITY Equipment: Baghouse

Baghouse module bad. Isolated #1 module.

Reported: 12/20/2006 at 02:25 AM STATUS: WORKING

Started: 12/20/2006 at 05:10 AM Stopped: 12/20/2006 at 03:00 PM Report ID: 07069  
Problem Description: Pollutant: SO2 Equipment: Coal boilers SDR

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

Reported: 12/20/2006 at 05:57 AM STATUS: WORKING

Started: 12/20/2006 at 01:06 AM Stopped: 12/20/2006 at 02:00 AM Report ID: 07068  
Problem Description: Pollutant: PART. OPACITY Equipment: Baghouse

Baghouse module bad. Isolated #1 module.

Reported: at : AM STATUS: WORKING

11 Problems reported by plant 0011

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**Plant: 0016 Anderson Wood Products, 1381 Beech St**

Started: 12/4/2006 at 07:00 AM Stopped: 12/5/2006 at 12:00 PM Report ID: 07051  
Problem Description: Pollutant: PART. OPACITY Equipment: Boiler

Boiler releasing black smoke at times. Two contributing factors. First- first truly cold weather of season- very high demand-AWP switching boiler settings from summer to winter feed programs. Second- fuel mix- we normally have red oak fuel, Friday 12/1 & Monday 12/4 cutting sycamore, lighter less BTU -adjusting boiler to compensate.

Reported: 12/5/2006 at 08:27 PM STATUS: WORKING

1 Problem reported by plant 0016

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

Started: 12/2/2006 at 11:45 AM Stopped: 12/2/2006 at 02:30 PM Report ID: 07048  
Problem Description: Pollutant: PART. OPACITY Equipment: #5 Baghouse C10

Bags clogged up. Bags had to be opened to clear the system.  
To continue production.

Reported: 12/2/2006 at 12:38 PM STATUS: WORKING

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

Started: 12/21/2006 at 11:30 PM Stopped: 12/26/2006 at 11:30 PM Report ID: 07070

**Problem Description:** Pollutant: PART. OPACITY Equipment: WFB-Unit U5a

The wood fired boiler is being shutdown for the Holiday and routine cleaning.  
The wood fired boiler is being started up for normal operation after a Holiday shutdown.

Reported: at : AM STATUS: WORKING

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Started: 12/26/2006 at 11:30 AM Stopped: at : AM Report ID: 07074

**Problem Description:** Pollutant: PART. DUST Equipment: U5a-wood fired boile

Explanation as to how emission reduction will be maintained, how frequency and duration of the process or process equipment will be minimized, how the use of a bypass will be avoided, and the use of all emission and parametric monitoring systems will be maintained.

Reported: 12/26/2006 at 10:40 AM STATUS: WORKING

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Started: 12/28/2006 at 10:30 PM Stopped: 1/1/2007 at 06:00 AM Report ID: 07075

**Problem Description:** Pollutant: PART. OPACITY Equipment: Wood Fired Boiler U5

The wood fired boiler is being shutdown for the Holiday.  
The wood fired boiler is being started up for normal operation after a Holiday shutdown.

Reported: 12/28/2006 at 02:49 PM STATUS: WORKING

4 Problems reported by plant 0026

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**Plant: 0001 Carbide Industries LLC, 4400 Bells Ln**

Started: 12/13/2006 at 01:05 PM Stopped: 12/13/2006 at 05:25 PM Report ID: 07057

**Problem Description:** Pollutant: PART. OPACITY Equipment: Furnace Vent

During routine maintenance on furnace we experienced some blockage in our off-gas line resulting in particulate emission from our furnace emergency vent.  
Rec'd incident closure.

Reported: 12/13/2006 at 01:47 PM STATUS: WORKING

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1 Problem reported by plant 0001

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**Plant: 0739 Dean Milk Company, 4420 Bishop Ln**

Started: 12/15/2006 at 08:00 AM Stopped: 12/21/2006 at 05:00 PM Report ID: 07062

**Problem Description:** Pollutant: PART. OPACITY Equipment: Equal.Tank System

Per conversation with Ms. Tyler we will conduct a plan shutdown for maintenance Repair of Equalization Tank including Air Handling SYstem. System plan shutdown will be from 12/15/06 until 12/21/06.

Reported: 12/15/2006 at 02:45 PM STATUS: WORKING

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Started: 12/21/2006 at 04:00 PM Stopped: 12/22/2006 at 02:00 PM Report ID: 07073

**Problem Description:** Pollutant: PART. OPACITY Equipment: E.T./Air Hand. Syst.

Per discussion with Beverly Tyler this am 12/21/06. We will because of weather and project delays not be able to bring our system back on line until Saturday, 12/23/06.  
Tank & air system back on line on Friday, @ 2:00 pm.

Reported: 12/21/2006 at 04:15 PM STATUS: WORKING

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2 Problems reported by plant 0739

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**Plant: 0291 Golden Foods, LLC, 2520 Seventh Street Rd**

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Started: 12/21/2006 at 05:55 PM Stopped: 12/21/2006 at 06:55 PM Report ID: 07072

**Problem Description:** Pollutant: PART. OPACITY Equipment: Ammonia leak

An ammonia leak occurred at Golden Foods at 2520 7th St Rd. The ammonia had been leaking for approximately one hour before being reported. A male subject suffered from breathing problems and may have been transported to the hospital. Louisville Fire & Police are on the scene.

Reported: 12/21/2006 at 07:03 PM STATUS: WORKING

1 Problem reported by plant 0291

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

Started: 12/18/2006 at 06:19 PM Stopped: at : AM Report ID: 07065

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

Plant shut down due to higher temperature.

Reported: 12/18/2006 at 09:29 PM STATUS: WORKING

Started: 12/21/2006 at 02:30 PM Stopped: 12/21/2006 at 05:30 PM Report ID: 07071

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

Unit start up.

Reported: at : AM STATUS: WORKING

2 Problems reported by plant 0028

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**Plant: 0060 Kosmos Cement Co, 15301 Dixie Hwy**

Started: 12/12/2006 at 05:30 PM Stopped: 12/12/2006 at 05:40 PM Report ID: 07056

**Problem Description:** Pollutant: PART. DUST Equipment: KEM #900

Voice message; KEM equipment # 900 air duct plug caused us to stop the KEM tertiary and empty onto the ground causing a dust plume to rise.

Reported: 12/12/2006 at 05:43 PM STATUS: WORKING

Started: 12/29/2006 at 02:56 PM Stopped: 12/29/2006 at 04:00 PM Report ID: 07076

**Problem Description:** Pollutant: PART. DUST Equipment: 526 mill

We lost the main breaker on the 526 mill we are still investigating the problem to determine the corrective action.

545 motor leads burnt and maintenance is replacing leads.

Reported: 12/29/2006 at 02:50 PM STATUS: WORKING

2 Problems reported by plant 0060

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**Plant: 0126 Lou. Gas & Elec., Cane Run, 5252 Cane Run Rd**

Started: 12/5/2006 at 05:07 AM Stopped: 12/5/2006 at 05:37 AM Report ID: 07050

**Problem Description:** Pollutant: PART. OPACITY Equipment: 5A section precipita

Rec'd email; Ground on purge heater #2 which caused the 5A precipitator breaker to open.

I/E reset ground & closed 4KV breaker back in.

Reported: 12/5/2006 at 07:00 AM STATUS: WORKING

1 Problem reported by plant 0126

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

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

Started: 12/17/2006 at 02:30 PM Stopped: at : AM Report ID: 07058  
Problem Description: Pollutant: PART. OPACITY Equipment: Unknown

12/17/06: Message left on voice mail @ 4:01 pm regarding chemicals spill in front of Morris Forman Treatment plant on Sunday 12/17/06 @ 2:30 pm.

Reported: 12/17/2006 at 04:01 PM STATUS: WORKING

1 Problem reported by plant 0149

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**Plant: 0082 Noveon, Inc., 4200 Bells Ln**

Started: 12/17/2006 at 09:16 AM Stopped: at : AM Report ID: 07059  
Problem Description: Pollutant: PART. OPACITY Equipment: Meter

Caller reports a potential release of vinyl chloride to the atmosphere. A meter read that there may have been a release. The meter may have been faulty.

Reported: 12/17/2006 at 10:17 AM STATUS: WORKING

1 Problem reported by plant 0082

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

Started: 12/5/2006 at 10:00 PM Stopped: 12/6/2006 at 02:00 AM Report ID: 07053  
Problem Description: Pollutant: PART. OPACITY Equipment: #4 Boiler

#4 Boiler upset. Lost 4 boiler, shutting down for maintenance.  
Bringing #4 boiler down for emergency maintenance.

Reported: 12/6/2006 at 02:20 AM STATUS: WORKING

1 Problem reported by plant 1333

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

Started: 12/15/2006 at 03:00 AM Stopped: 12/15/2006 at 08:00 PM Report ID: 07066  
Problem Description: Pollutant: ODOR Equipment: Sewer separator

Chemical sewer separator has layer of ethyl acrylate and is source of odor off site.

Unknown source of EA into EA tank, expected to contain only wastewater.

Covered separator at about 12:00-1:00 pm on 12/15/06.

Note: R&H contacted Mayor's office and held teleconference with multiple agencies at 12:30, 12/15/06. We believe that Art Williams was present.

Reported: 12/19/2006 at 05:13 PM STATUS: WORKING

1 Problem reported by plant 0189

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**Plant: 0852 U of L, Belknap Campus, 2127 S Floyd St**

**Plant: 0852 U of L, Belknap Campus, 2127 S Floyd St**

Started: 12/1/2006 at 10:10 AM Stopped: at : AM Report ID: **07045**

**Problem Description:** Pollutant: PART. OPACITY Equipment: Coal Fire Boiler #2

Dennis Daunhauer called to advise APCD start up of coal fire boiler #2 @ 10:10 am, 12/1/06 for the season, may cause some smoking at light off.

Mr. Daunhauer will call back on all clear.

Reported: 12/1/2006 at 10:08 AM

STATUS: WORKING

1 Problem reported by plant 0852

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