

Louisville Metro Air Pollution Control District

Excess Emission Event Reports

October 1, 2016 to October 31, 2016

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Plant 28: Hexion Inc., 6200 CAMP GROUND RD (Hansen Project #O-0028)

**Review No:** 1930779      **Started:** 10/5/2016 at 4:36 am      **Stopped:** 10/5/2016 at 5:05 am      **Logged:** 10/5/2016 at 5:11 am

**Problem Description:** C6 Boiler (Silver Plant) went down due to flame loss.      **Pollutant:** VOLATILE ORGANIC COMPOUNDS

**Reported:** 10/5/2016 at 5:11 am      **Status:** Open

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**Review No:** 1930841      **Started:** 10/12/2016 at 7:07 am      **Stopped:** 10/12/2016 at 4:06 pm      **Logged:** 10/7/2016 at 3:16 pm

**Problem Description:** Notification of planned PM shutdown of PF-1 RTO on 10-12-2916.      **Pollutant:** VOLATILE ORGANIC COMPOUNDS

**Reported:** 10/7/2016 at 3:16 pm      **Status:** Open

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**Review No:** 1930842      **Started:** 10/7/2016 at 3:37 pm      **Stopped:** 10/8/2016 at 1:32 am      **Logged:** 10/7/2016 at 3:59 pm

**Problem Description:** C6 Silver Plant Boiler went down due to I/O Rack failure.      **Pollutant:** VOLATILE ORGANIC COMPOUNDS

**Reported:** 10/7/2016 at 3:59 pm      **Status:** Open

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**Review No:** 1930864      **Started:** 10/13/2016 at 4:45 am      **Stopped:** 10/13/2016 at 4:53 pm      **Logged:** 10/13/2016 at 7:37 am

**Problem Description:** C6 Boiler Silver Plant went down due to a surge tank pump failure.      **Pollutant:** VOLATILE ORGANIC COMPOUNDS

**Reported:** 10/13/2016 at 7:37 am      **Status:** Open

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**Review No:** 1930939      **Started:** 10/26/2016 at 10:50 pm      **Stopped:** 10/28/2016 at 8:58 pm      **Logged:** 10/21/2016 at 10:49 am

**Problem Description:** Planned Shutdown of Silver Plant for required maintenance.      **Pollutant:** VOLATILE ORGANIC COMPOUNDS

**Reported:** 10/21/2016 at 10:49 am      **Status:** Open

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**Review No:** 1930951      **Started:** 10/24/2016 at 6:36 pm      **Stopped:** 10/24/2016 at 7:16 pm      **Logged:** 10/24/2016 at 7:27 pm

**Problem Description:** PF-2 RTO went down due to PT85101 out of range low.      **Pollutant:** VOLATILE ORGANIC COMPOUNDS

**Reported:** 10/24/2016 at 7:27 pm      **Status:** Open

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**Review No:** 1930984      **Started:** 11/2/2016 at 6:35 am      **Stopped:** 11/2/2016 at 2:50 pm      **Logged:** 10/28/2016 at 6:36 am

**Problem Description:** Planned maintenance work including installation of magnehelic across the flame arrestors.      **Pollutant:** VOLATILE ORGANIC COMPOUNDS

**Reported:** 10/28/2016 at 6:36 am      **Status:** Open

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**Review No:** 1931001      **Started:** 10/28/2016 at 9:30 pm      **Stopped:** 10/28/2016 at 10:33 pm      **Logged:** 10/28/2016 at 10:00 pm

**Problem Description:**      **Pollutant:** VOLATILE ORGANIC COMPOUNDS  
C6 Boiler (Silver Plant) went down due to level control valve malfunction.

**Reported:** 10/28/2016 at 10:00 pm      **Status:** Open

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*8 Problem(s) Reported by Hexion Inc.*

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**Plant 36: Clariant Corporation West Plant, 1227 S 12TH ST (Hansen Project #O-0036)**

**Review No:** 1930759      **Started:** 8/29/2016 at 2:15 pm      **Stopped:** 8/29/2016 at 2:17 pm      **Logged:** 10/4/2016 at 10:53 am

**Problem Description:**      **Pollutant:** TITANIUM TETRACHLORIDE  
Open valve issue being investigated. Titanium Tetrachloride formed a HCL cloud. Estimated quantity is 43.6 lbs. Process equipment was not in operation. Plant is still in commissioning phase and official production has not begun.

**Reported:** 8/29/2016 at 3:10 pm      **Status:** DONE

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*1 Problem(s) Reported by Clariant Corporation West Plant*

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**Plant 72: Ford Motor Company LAP, 2000 FERN VALLEY RD (Hansen Project #O-0072)**

**Review No:** 1930999      **Started:** 10/29/2016 at 3:33 pm      **Stopped:** 10/29/2016 at 4:11 pm      **Logged:** 10/31/2016 at 12:00 am

**Problem Description:**      **Pollutant:** VOLATILE ORGANIC COMPOUNDS  
Zone 5 RTO breakdown due to VFD over-heating.

**Reported:** 10/29/2016 at 12:00 am      **Status:** Open

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**Review No:** 1931000      **Started:** 10/30/2016 at 1:52 pm      **Stopped:** 10/30/2016 at 3:17 pm      **Logged:** 10/31/2016 at 8:27 am

**Problem Description:**      **Pollutant:** VOLATILE ORGANIC COMPOUNDS  
Flakt WEP Unit and Zone 5 RTO shut-down due to VFD over-heating

**Reported:** 10/30/2016 at 3:23 pm      **Status:** Open

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*2 Problem(s) Reported by Ford Motor Company LAP*

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Plant 149: Metropolitan Sewer District, 4522 ALGONQUIN PKY (Hansen Project #O-0149)

Review No: 1930902      Started: 10/4/2016 at 12:00 am      Stopped: 10/13/2016 at 12:00 am      Logged: 10/18/2016 at 1:37 pm

**Problem Description:**      **Pollutant:** HYDROGEN SULFIDE

On October 4, 2016, a contractor doing working on the headworks project needed to remove the Process Water Booster Pump that feeds process water (nutrients) to the BOC. Before the contractor could remove the pump they were instructed to run a bypass line around the pump to maintain a process water flow to the BOC. It was assumed this had happened.

**Reported:** 10/18/2016 at 12:00 pm      **Status:** DONE

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Review No: 1930905      Started: 10/21/2016 at 8:00 am      Stopped:      Logged: 10/19/2016 at 8:09 am

**Problem Description:**      **Pollutant:** ODOR

Sed Tank 2 needs to be taken out of service. One of the raw sludge pumps servicing the tank has developed a leak and the entire tank needs to be emptied to fix the leak.

**Reported:**      **Status:** Open

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Review No: 1930941      Started: 10/6/2016 at 12:00 am      Stopped: 10/24/2016 at 12:00 am      Logged: 10/24/2016 at 11:50 am

**Problem Description:**      **Pollutant:** ODOR

Sedimentation Tank 3 was shutdown for cleaning on Oct. 6, 2016. The cleaning took 18 days. Excess emissions likely to occur within the first 7 days.

**Reported:**      **Status:** DONE

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**3 Problem(s) Reported by Metropolitan Sewer District**

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