



CONFIDENTIAL

RECEIVED
2014 JUL 31 AM 11:15
BAY AREA AIR QUALITY
MANAGEMENT DISTRICT

MARTINEZ PLANT
100 MOCOCO ROAD
MARTINEZ, CA 94553-1340
TEL: (925) 228-5530
FAX: (925) 228-7636

July 29, 2014

Director of Compliance and Enforcement
Bay Area Air Quality Management District
939 Ellis Street
San Francisco, CA 94109
Attn: Title V Reports

Subject: Title V Monitoring Report
January 1, 2014 through June 30, 2014
Solvay USA (formerly Rhodia) Martinez Facility, Plant #B1661

Dear Director of Compliance and Enforcement:

Enclosed is the Solvay's Title V Monitoring Report for the period between January 1 and June 30 of 2014.

Solvay does not record throughput data for some sources, but engineering estimates have been made whenever possible in order to complete this report. Additionally, Solvay would like to request that all production and throughput data be treated as "CONFIDENTIAL". It is our belief that the disclosure of these data to any third party may cause substantial harm to Solvay's competitive position.

I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed 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.

If you have any questions regarding the information contained in this report, please feel free to contact Anthony Koo of my staff at (925) 313-8221.

Sincerely,

Darrel Hodge
Plant Manager

Attachments

Solvay USA Inc. Martinez Plant
Monitoring Report for Abatement Devices:
A2, Packed Bed Caustic Scrubber
Monitoring Period: January 1, 2014 to June 30, 2014

	pH min	pH max
January	2.1*	13.0
February	n/a	n/a
March	n/a	n/a
April	n/a	n/a
May	n/a	n/a
June	n/a	n/a
Limits	5	14

*The low pH condition, occurred on 1/22/2014, was reported to BAAQMD via Excess Emission Report #06N74. NOV No. A52645 was issued. Please see response to the NOV for details.

Solvay USA Inc. Martinez Plant
Monitoring Report for Abatement Devices:
A11, Ammonia Scrubber
Monitoring Period: January 1, 2014 to June 30, 2014

	pH min	pH max
January	4.9	5.4
February	4.7	5.4
March	4.7	5.5
April	5.1	5.7
May	5.0	5.7
June	5.1	5.9
Limits	3.5	14

Solvay USA Inc. Martinez Plant
 Monitoring Report for Abatement Devices:
 A16 and A17, Brink Type Mist Eliminator
 Monitoring Period: January 1, 2014 to June 30, 2014

	Ringelmann	Ringelmann	SO2	SO2	SO3	SO3	H2SO4	H2SO4
January								
February								
March								
April								
May								
June								
Limits	1	0.5	0.416 lb/hr	0.416 lb/60 min	0.5 lb/hr	0.5 lb/60 min	0.558 lb/hr	0.558 lb/60 min

Note: The operating unit for this scrubber was shut down for the period. No monitoring required.

Solvay USA Inc. Martinez Plant
 Monitoring Report for Abatement Devices:
 A16 and A17, Brink Type Mist Eliminator
 Monitoring Period: January 1, 2014 to June 30, 2014

	Ringelmann	Ringelmann	SO2	SO2	SO3	SO3	H2SO4	H2SO4
January								
February								
March								
April								
May								
June								
Limits	1		0.5 4 lb/hr	2 lb/30 min	0.5 lb/hr	0.5 lb/60 min	0.746 lb/hr	0.746 lb/60 min

Note: The operating unit for this scrubber was shut down for the period. No monitoring required.

Solvay USA Inc. Martinez Plant
Monitoring Report for S1:
SO2 Emissions:
Monitoring Period: January 1, 2014 to June 30, 2014

	Max (ppm/1 hr. average)	Max Short Term (lbs/ton)	Max Long Term (lbs/ton)
January	148	2.3	2.1
February	169	2.5	2.1
March	147	2.2	2.1
April	194	2.2	2.1
May	130	2.2	2.1
June	138	2.1	2.1
Limits	300 ppm	3.0 (lbs/ton)	2.2 (lbs/ton)

Solvay USA Inc. Martinez Plant
Natural Gas Usage for S2 and S3 (scf):

Monitoring Period: January 1, 2014 to June 30, 2014

	Fuel usage (S2&S3)
January	3,276
February	10
March	18
April	79
May	0
June	533
Total:	3,916
Limits	978,200,000 scfy

Solvay USA Inc. Martinez Plant
S30, Gasoline Dispensing Facility:
Through-put Data (gallons):
Monitoring Period: January 1, 2014 to June 30, 2014

January	750
February	455
March	547
April	0
May	586
June	480
July	
August	
September	
October	
November	
December	

Total:	2,818
Limits	400,000 gallon/yr

Solvay USA Inc. Martinez Plant
Monitoring Report for S56:
Diesel Fire Pump Operating Hours
Monitoring Period: January 1, 2014 to June 30, 2014

	Hours Used	Diesel Used (gal)
January	1.1	11.8
February	0.5	5.4
March	1.1	11.8
April	0.8	8.6
May	1	10.7
June	0.4	4.3
July	0	0.0
August	0	0.0
September	0	0.0
October	0	0.0
November	0	0.0
December	0	0.0

Total: 4.9 52.4

Limit: 50 hr/yr

Note: Diesel fuel usage rate of 10.7 gal/hr is based on emission data provided by manufacturer.

Solvay USA Inc. Martinez Plant
Monitoring Report for Abatement Devices:
A16, Brink Type Mist Eliminator
Monitoring Period: January 1, 2014 to June 30, 2014

	Ringelmann	Ringelmann	SO2	SO2	SO3	SO3	H2SO4	H2SO4
January								
February								
March								
April								
May								
June								
Limits	1		0.5 4 lb/hr	2 lb/30 min	0.5 lb/hr	0.5 lb/60 min	0.746 lb/hr	0.746 lb/60 min

Note: The operating unit for this scrubber was shut down for the period. No monitoring required.

Solvay USA Inc. Martinez Plant
 Monitoring Report for Abatement Devices:
 A17, Brink Type Mist Eliminator
 Monitoring Period: January 1, 2014 to June 30, 2014

	Ringelmann	Ringelmann	SO2	SO2	SO3	SO3	H2SO4	H2SO4
January								
February								
March								
April								
May								
June								

Limits 1 0.5 0.416 lb/hr 0.416 lb/60 min 0.5 lb/hr 0.5 lb/60 min 0.558 lb/hr 0.558 lb/60 min

Note: The operating unit for this scrubber was shut down for the period. No monitoring required.