



RECEIVED

2014 JAN 23 PM 12:05

DIVISION OF ENVIRONMENTAL
REGULATION DIST.

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

January 17, 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
July 1, 2013 through December 31, 2013
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 July 1 and December 31 of 2013. All permit conditions for this monitoring period were met.

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: July 1, 2013 to December 31, 2013

	pH min	pH max
July	n/a	n/a
August	n/a	n/a
September	n/a	n/a
October	11.0	12.1
November	n/a	n/a
December	n/a	n/a
Limits	5	14

Solvay USA Inc. Martinez Plant
Monitoring Report for Abatement Devices:
A11, Ammonia Scrubber
Monitoring Period: July 1, 2013 to December 31, 2013

	pH min	pH max
July	4.8	5.6
August	4.7	6.0
September	4.8	5.5
October	4.9	5.6
November	4.4	5.3
December	4.5	5.4
Limits	3.5	14

Solvay USA Inc. Martinez Plant
 Monitoring Report for Abatement Devices:
 A16 and A17, Brink Type Mist Eliminator
 Monitoring Period: July 1, 2013 to December 31, 2013

	Ringelmann	Ringelmann	SO2	SO2	SO3	SO3	H2SO4	H2SO4
July								
August								
September								
October								
November								
December								
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: July 1, 2013 to December 31, 2013

	Ringelmann	Ringelmann	SO2	SO2	SO3	SO3	H2SO4	H2SO4
July								
August								
September								
October								
November								
December								
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 (ppm/1 hr. average):
Monitoring Period: July 1, 2013 to December 31, 2013

	Max
July	164
August	261
September	146
October	187
November	153
December	143
Limits	300 ppm

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

Monitoring Period: July 1, 2013 to December 31, 2013

	Fuel usage (S2&S3)
July	89
August	28,479
September	76,490
October	414,785
November	53,255
December	53,220
Total:	626,318
Limits	978,200,000 scfy

Solvay USA Inc. Martinez Plant
S30, Gasoline Dispensing Facility:
Through-put Data (gallons):
Monitoring Period: July 1, 2013 to December 31, 2013

January	615
February	800
March	0
April	755
May	0
June	677
July	433
August	426
September	380
October	0
November	788
December	0

Total: 4,874
Limits 400,000 gallon/yr

Solvay USA Inc. Martinez Plant
Monitoring Report for S56:
Diesel Fire Pump Operating Hours
Monitoring Period: July 1, 2013 to December 31, 2013

	Hours Used	Diesel Used (gal)
January	2.5	26.75
February	2.7	28.89
March	2	21.4
April	0	0
May	5.2	55.64
June	1.8	19.26
July	1	10.7
August	4.2	44.94
September	1.1	11.77
October	1.7	18.19
November	0.7	7.49
December	2.5	26.75

Total: 25.4 272

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: July 1, 2013 to December 31, 2013

	Ringelmann	Ringelmann	SO2	SO2	SO3	SO3	H2SO4	H2SO4
July								
August								
September								
October								
November								
December								
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: July 1, 2013 to December 31, 2013

	Ringelmann	Ringelmann	SO2	SO2	SO3	SO3	H2SO4	H2SO4
July								
August								
September								
October								
November								
December								
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.