General Chemical
Richmond Works- Facility #A0023
Title V - Semi Annual Monitoring Report
Period: July - December 2014

Source	Pollutant	Emission Limit Citation	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	Monitoring Results		
S-1 Sulfuric Acid Mfg.	SO_2	SIP 9-1-308.2	Gaseous emissions from any source at an H_2SO_4 plant shall not exceed 300 ppmv @ 12% O_2	SIP 9-1-502	C	CEM	July - December 2014 See previously submitted monthly CEM reports.		
	SO_2	BAAQMD Regulation 9-1-309	Gaseous emissions from any source at an H_2SO_4 plant shall not exceed 300 ppmv @ 12% O_2	SIP 9-1-502	C	CEM	July - December 2014 See previously submitted monthly CEM reports.		
	Acid Mist	BAAQMD Regulation 12-6-301	Gaseous emissions from any source at an H_2SO_4 plant shall not exceed 0.15 g/kg (0.3 lb/ton) of acid produced	BAAQMD Condition # 14980	P/A	Source Test	Source test that was performed on July 30, 2014 is attached.		
S-9 Process Air Heater	NOx, CO, VOC, PM10	BAAQMD Condition# 7934 Part 2	Fuel consumption shall not exceed 61.3 million cubic feet / 12 month period	BAAQMD Condition# 7934 Part 3	P/M	Monthly Records	Jul	3,064	mscf
							Aug	3,276	mscf
							Sep	3,352	mscf
							Oct	3,433	mscf
							Nov	3,325	mscf
							Dec	3,599	mscf
S-15 Startup Air Heater	NOx, CO, VOC, PM10	BAAQMD Condition# 7606 Part 2	Fuel consumption shall not exceed 5 million cubic feet / 12 month period	BAAQMD Condition# 7606 Part 2	P/M	Monthly Records	Jul	0	scf
							Aug	37,753	scf
							Sep	36,232	scf
							Oct	50,865	Scf
							Nov	26,540	Scf
							Dec	829,657	Scf

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Source	Pollutant	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S-16 Alkylation Storage	VOC, PM10	BAAQMD Condition# 13215 Part 1	Throughput shall not exceed 146,000 ton / 12 month period	BAAQMD Condition# 13215 Part 1	P/M	Monthly Records	Jul	0	Tons
							Aug	0	Tons
							Sep	0	Tons
							Oct	0	Tons
							Nov	0	Tons
							Dec	0	Tons
S-24 Elec. Grade Sulfuric Acid Mfg.	SO_2	SIP 9-1-308.2	Gaseous emissions from any source at an H_2SO_4 plant shall not exceed 300 ppmv @ 12% O_2	SIP 9-1-502	C	CEM	July - December 2014 See previously submitted monthly CEM reports.		
	SO_2	BAAQMD Regulation 9-1-309	Gaseous emissions from any source at an H_2SO_4 plant shall not exceed 300 ppmv @ 12% O_2	SIP 9-1-502	C	CEM	July - December 2014 See previously submitted monthly CEM reports.		
		BAAQMD Condition# 13507 Part 1	Production shall not exceed 15,000 ton / 12 month period	BAAQMD Condition# 13507 Part 3	P/M	Monthly Records	Jul	820	Tons
							Aug	583	Tons
							Sep	734	Tons
							Oct	777	Tons
							Nov	670	Tons
							Dec	475	Tons
S-32 Alkylation Storage	VOC, PM10	BAAQMD Condition# 13889 Part 2	Throughput shall not exceed 219,000 ton / 12 month period	BAAQMD Condition # 13889 Part 3	P/M	Monthly Records	Jul	7,307	Tons
							Aug	10,659	Tons
							Sep	10,463	Tons
							Oct	11,121	Tons
							Nov	10,334	Tons
							Dec	8,105	Tons