

V#	S#	Occur	Issued	Reg	Violation Comments	Compliance Achieved	# of NOV's	Ongoing	Basis for no compliance schedule
A10139A	1,401	10/05/00	02/02/01	9-1-307	Excess (ID #7071) SO2 > 240 PPM/1-Hour	10/05/00	16	D	This violation was corrected on the day of discovery by re-starting the blower after a fluctuation in power supply tripped the blower. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A10140A	324	02/27/01	02/27/01	8-5-311.3	Vapor Leaks > 10,000 PPM From Holes In Roof	02/28/01	2	D	This violation was corrected one day after discovery by patching the roof. The repeat violations were related to excessive fugitive emissions and occurred over 2 years apart.
A10141A	1,401	12/29/00	03/13/01	9-1-307	Excess ID #7247 SO2 > 250 PPM/1-Hour	12/29/00	16	D	This violation was corrected on the day of discovery by re-starting the blower after a fluctuation in power supply tripped blower. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A10142A	944	04/25/01	04/26/01	5-301.1	Grass Fire Near North Flare (5 X 10) Area	04/25/01	3	B	This violation was corrected on the day of discovery by extinguishing the fire and performing proper weed abatement. The repeat violations were related to different flaring events, and for different regulations. The 3 violations each occurred more than 15 months apart.
A10143A	903	04/05/01	04/26/01	1-522.6	Failure to Maintain NOx/SO2 Monitors	04/05/01	14	B	This violation was corrected on the day of discovery by replacing a defective valve, recalibrating and source testing the continuous emission monitor (CEM). The CEM failed a field accuracy test performed by the District due to a defective valve on the monitoring equipment. This source had intermittent compliance during the 4-year period, receiving 14 notices of violation.
A10145A	903	02/10/01	06/13/01	6-302	Excess (ID #7329) Opacity > 20%/3-Minutes	02/11/01	14	D	This violation represents a recurring pattern of violations arising from inadequate control of coker flue gas emissions. Violations of District regulations occurred as the result of 4 such incidents during the 4-year period. A 5th incident occurred on January 12, 2005, shortly after issuance of Revision 1. Following this, the District initiated administrative enforcement by seeking an order of abatement, which in turn has resulted in a stipulated order of abatement that, among other things, imposes progress milestones towards a final order of abatement. The final order, which is expected in the fall of 2005, will be incorporated into the permit as a schedule of compliance.
A10146A	1,401	02/11/01	06/13/01	9-1-307	Excess (ID #7330); SO2 > 250 PPM/1-Hour	02/11/01	16	B	This violation was corrected on the day of discovery by restarting the unit after an unplanned shutdown. Heavy rains caused a refinery substation to shut down. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.

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A10149A	953	05/30/01	07/17/01	9-8-301.2	ST #01136 NOx > 140 PPM @ 15% O2	05/30/01	2	B	This violation was corrected on the day of discovery by shutting down the engine for repairs. This violation was related to a failed source test, performed by the District on an IC engine. The repeat violations at this source were over 3 years apart, and for a different emission.
A10150A	815	05/17/01	08/29/01	9-2-301	Excess Id #30D24 H2S > 60 PPB/3 Minutes	05/17/01	1	A	This violation was corrected on the day of discovery by locking and tagging the valve in the closed position to prevent any recurrent events.
A12226A	1,401	04/11/01	10/02/01	9-1-307	Excess ID #7455 / 03C55 SO2 > 250 PPM/1-Hour	04/11/01	16	B	This violation was corrected on the day of discovery by repairing the SCOT Stripper I and stabilizing the SRU. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A12227A	1401	07/01/01	10/02/01	9-1-307	SO2 > 250 PPM/1-HR and Late Reporting	07/01/01	16	B	This violation was corrected on the day of discovery by stabilizing the SRU . Refinery operators inadvertently shut off the lean DEA flow to a tank scrubber. Procedures have been implemented to prevent further occurrences. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A12227B		07/01/01	10/02/01	1-522.7	Late reported Excess 03F13	07/01/01	1	A	This was an administrative violation, related to the late reporting of an emission excess. Though it was late, the episode was reported to the District.
A12228A	1401	07/19/01	10/02/01	9-1-307	Excess ID # 03E91 SO2 > 250 PPM/ 1-Hr	07/19/01	16	B	This violation was corrected on the day of discovery by restarting the SRU. The primary indicator float had gotten stuck and the refinery did not know the SRU had tripped off. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A12231A	901	09/15/01	10/24/01	6-302	Excess (03G46) Opacity > 20%/3-Minutes	09/15/01	1	A	This violation was corrected on the day of discovery by extinguishing the fire immediately and restarting the boiler to clear the visible emission excess.
A12232A	1401	09/18/01	10/24/01	9-1-307	Excess (03G59) SO2 > 250 PPM/1-Hour	09/19/01	16	D	This violation was corrected on the day of discovery by stabilizing the SRU and repairing the SCOT Contactor tower. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.

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A12234A	903	12/11/01	12/11/01	6-301	Visible Emissions > Ringlemann #1/3 Minutes	12/11/01	14	B	This violation was corrected on the day of discovery by repairing the electrostatic precipitator transformers. The repeat violations are related to different emissions (particulate, NOx, NH3) from the #5 Coker CO Boiler. Of the 14 violations that occurred throughout the 4 year period, four of these violations were deemed to be recurring problems for which an abatement action was filed.
A12233A	516	12/10/01	12/11/01	8-5-311.3	Vacuum Relief Valve Leaking > 10,000 PPM	12/11/01	1	C	This violation was corrected one day after discovery by replacing the valve.
A12235A	659	12/19/01	12/20/01	6-301	Visible Emissions > Ringelmann #1/3 Minutes	12/19/01	1	A	This violation was corrected on the day of discovery by turning on the water spray system on scrubber.
A11554A	830	01/04/02	01/14/02	1-301	7 Complaints of 9 Confirmed	01/04/02	4	B	This violation was corrected on the day of discovery by treating the surge pond. The repeat violations were related to odorous surge pond emission, that resulted in a public nuisance or GLM excess. Three of violations occurred on the same day in 2002, while the 4th violation occurred 2 years later.
A12242A	312	11/27/01	02/26/02	8-5-322.1	Partial Failure of Secondary Seal	12/03/01	1	C	This violation was corrected within 7 days by taking the tank out-of-service and repairing the seal .
A12242B	312	11/27/01	02/26/02	8-5-322.4	Partial Failure of Secondary Seal	12/03/01	1	C	This violation was corrected within 7 days by taking the tank out-of-service and repairing the seal.
A12243A	318	11/26/01	02/26/02	9-2-301	Excess #(03J14) H2S > 60 PPB/3-Minutes	11/26/01	3	B	This violation was corrected on the day of discovery by checking that the PV valve had reseated and was related to a GLM excess which was traced to emissions (H2S) from PV valves. The repeat violations were 3 to 22 months apart and were repaired and reinspected immediately following discovery.
A12244A	806	02/26/02	02/26/02	6-301	Visible Emissions From Hole in Line > Ringlemann #1	02/26/02	3	B	This violation was corrected on the day of discovery by shutting down the unit and repairing the hole. The repeat violations were related to excessive visible and fugitive VOC emissions, occurred over last 3 years, and were unrelated or for different regulations.
A12241A	1411	01/26/02	03/13/02	1-301	Shelter In Place Odor For Level 3 Incident	01/26/02	6	B	This violation was corrected on the day of discovery by steaming out the mist eliminators and correcting the acid strength absorber tower. The repeat violations were related to SO2 emissions from the sulfuric acid plant. The 6 violations that occurred over the last 3 years were unrelated to each other or for different regulations.
A12245A	605	03/13/02	03/21/02	8-8-301	Separator Not Abated/Vent Line Open ~ 100,000 PPM	03/13/02	1	A	This violation was corrected on the day of discovery by replacing the rupture disc.
A12246A	1,401	12/15/01	03/21/02	9-1-307	Excess ID #03J71 SO2 > 250 PPM/1-Hour	12/15/01	16	B	This violation was corrected on the day of discovery by switching to the spare blower while failed governor on the main turbine blower was repaired. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.

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A13082A	1401	01/13/02	03/22/02	9-1-307	Excess ID # 03K58 SO2 > 250 PPM/1 Hour	01/13/02	16	B	This violation was corrected on the day of discovery by restoring power and fuel flow to SCOT unit. A worker caused scaffolding to dislodge the conduit causing a power interruption. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A13083A	904	12/28/01	03/22/02	6-302	Excess ID #03K17; >30 % for 44 Minutes	12/28/01	6	B	This violation was corrected on the day of discovery by manually bypassing a stuck control valve. The repeat violations are related to different emissions (particulate, NOx, SO2) from the #6 Boiler. There were 6 violations that occurred during the 4 year period. One violation was related to a recurring problem at the #5 Boiler for which an abatement order was filed.
A12247A	854	12/11/01	04/03/02	9-1-301	Excess ID #03J66 SO2 > 0.05 PPM/ 24-Hour	12/11/01	2	B	This violation was corrected on the day of discovery by restoring power to the chemical plant. The repeat violations were related to different flaring events, for different regulations and occurred more than 2 years apart.
A12248A		01/05/02	04/03/02	1-522.7	Reporting Late	01/05/02	1	A	This was an administrative violation, related to the late reporting of this fuel-gas excess. Though it was late, the episode was reported to the District.
A12248B		01/05/02	04/03/02	10	Excess ID #03K79 H2S > 160 PPM / 3-Hour	01/05/02	1	A	This violation was corrected on the day of discovery by restoring the DEA strength in stripper and diluting fuel-gas with natural-gas. This violation is related to burning fuel-gas with a high H2S content in various NSPS combustion sources in the refinery. There were 6 such violations occurring in 2002 and 2003.
A13087A		12/21/01	04/04/02	9-2-301	Episode Id #03K12 3 Min Avg H2S > 60 PPB	12/21/01	1	A	This violation was corrected on the day of discovery, however, the exact source could not be determined although the suspected source is a tank in Tract-3. This violation is related to H2S emissions, as recorded by a GLM station at the refinery. There were 3 such violations that occurred between December 2001 and January 2002.
A13088A		12/27/01	04/04/02	9-2-301	Episode ID #03K07 3 Min. Avg H2S > 60 PPB	12/27/01	1	A	This violation was corrected on the day of discovery, however, the exact source could not be determined although the suspected source is a tank in Tract-3. This violation is related to H2S emissions, as recorded by a GLM station at the refinery. There were 3 such violations that occurred between December 2001 and January 2002.
A13090A		01/20/02	04/04/02	9-2-301	Excess ID #03K70 3 Min Avg H2S > 60 PPB	01/20/02	1	A	This violation was corrected on the day of discovery, however, the exact source could not be determined although the suspected source is a tank in Tract-1. This violation is related to H2S emissions, as recorded by a GLM station at the refinery. There were 3 such violations that occurred between December 2001 and January 2002.

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A12249A	973	12/11/01	04/30/02	2-1-307	Excess ID #03J61 NOx > 40 PPM/8-Hrs.	12/13/01	2	D	This violation was corrected within 3 days after the day of discovery by re-starting the SCR after the power outage at Chemical plant was corrected.. The repeat violations were related to the same refinery upset event, but were for different sections of the permit condition.
A12250A	973	12/10/01	04/30/02	2-1-307	Excess ID #03J68 SOx > 29 Tons/Day	12/10/01	2	B	This violation was corrected on the day of discovery by restoring the power at Chemical plant and sulfur emissions in fuel-gas returned to normal. This violation was for a refinery-wide SO2 limit. The repeat violations were related to the same refinery upset event, but were for different sections of the permit condition.
A13627A	904	12/10/01	04/30/02	9-1-310	Excess #03J45 S02 > 1000 PPM/1 Hour	12/12/01	6	D	This violation was corrected within 3 days after the day of discovery by repairing the fuel gas treating units which caused the combustion of off-spec gas and elevated SO2 emissions. The repeat violations are related to different emissions (particulate, NOx, SO2) from the #6 Boiler. There were 6 violations that occurred during the 4 year period. One violation was related to a recurring problem at the #5 Boiler for which an abatement order was filed.
A13628A	830	01/04/02	04/30/02	9-2-301	Excess ID # 03L20	01/04/02	4	B	This violation was corrected on the day of discovery by treating the surge pond. The refinery instituted engineering controls to decrease odors and hired contractor staff to modify pond feed systems and reduce load entering the pond network. The refinery also held multiple odor awareness classes. The repeat violations were related to odorous surge pond emission that resulted in a public nuisance and GLM excess. Three of violations occurred on the same day in 2002, while the 4th violation occurred 2 years later.
A13628B	830	01/04/02	04/30/02	1-542	H2S > 30 PPB/1 Hour & Late Reporting	01/04/02	4	B	This was an administrative violation for late reporting of a GLM excess. The repeat violations were related to odorous surge pond emissions, that resulted in a public nuisance and GLM excess. Three of violations occurred on the same day in 2002, while the 4th violation occurred 2 years later.
A13629A	1,411	04/25/02	05/02/02	8-18-301	Two Open Ended Lines Leaking > 100 PPM Both 50,000 PPM	04/25/02	6	B	This violation was corrected on the day of discovery by capping the two open ended lines. The repeat violations were related to SO2 emissions from the sulfuric acid plant. The 6 violations that occurred over the last 3 years were unrelated to each other or for different regulations.
A13630A	903	03/13/02	05/08/02	6-310	Grain Loading > 0.15 Gr/Dscf	03/13/02	14	B	This violation was corrected on the day of discovery by adjusting the boiler startup operations to control particulate grain loading emissions. These violations are related to different emissions (particulate, NOx, NH3) from the #5 Coker CO Boiler. Of the 14 violations that occurred throughout the 4 year period, four of these violations were deemed to be recurring problems for which an abatement action was filed.

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A13630B	903	03/12/02	05/08/02	6-311	Process Weight Rate > 40 Lb/Hr	03/13/02	14	D	This violation was corrected within 2 days of the day of discovery by adjusting the boiler startup operations to control particulate process rate emissions. The repeat violations are related to different emissions (particulate, NOx, NH3) from the #5 Coker CO Boiler. Of the 14 violations that occurred throughout the 4 year period, four of these violations were deemed to be recurring problem for which an abatement action was filed.
A13631A	903	03/13/02	05/08/02	6-302	Excess ID # 03L83 Opacity > 20%/3-Minutes	03/13/02	14	B	This violation was corrected on the day of discovery by adjusting the boiler startup operations to reduce visible emissions. The repeat violations are related to different emissions (particulate, NOx, NH3) from the #5 Coker CO Boiler. Of the 14 violations that occurred throughout the 4 year period, four of these violations were deemed to be recurring problems for which an abatement action was filed.
A13632A	963	06/05/02	06/06/02	8-18-301	Open-End Line Left Open & Leaking > 50,000 PPM	06/05/02	1	A	This violation was corrected on the day of discovery by closing the block valves which were left open.
A13633A	1,009	06/05/02	06/06/02	8-18-301	Open-Ended Drain Line Leaking > 100 PPM {500}	06/05/02	1	A	This violation was corrected on the day of discovery by plugging the open ended drain line.
A13637A	696	05/22/02	07/03/02	8-5-311.2	Gasoline On Top of the Floating Roof (Pan)	05/25/02	1	C	This violation was corrected 4 days after the day of discovery by draining all the liquid contents and degassing the tank.
A13638A	944	07/26/02	08/01/02	5-301.1	Grass Fire Started by Flare	07/26/02	3	B	This violation was corrected on the day of discovery by extinguishing the fire and performing proper weed abatement. The repeat violations were related to different flaring events, and for different regulations. The 3 violations each occurred more than 15 months apart.
A13639A	432	08/07/02	08/07/02	8-5-311.3	Explosion Hatch & P/V Valve Leaking >10,000 ppm	08/07/02	1	A	This violation was corrected on the day of discovery by cleaning and adjusting the P/V valve and hatch cover gasket.
A13641A	1,484	10/16/02	10/18/02	2-1-307	Rupture Disc Leaking > 10,000 PPM	10/16/02	1	A	This violation was corrected on the day of discovery by replacing the rupture disk on the vent line.
A13642A		08/09/02	10/18/02	9-1-301	Excess (#ID-03Q35) - SO2 > 0.5 ppm/3-minutes.	08/09/02	1	A	This violation was corrected on the day of discovery, however, no source was positively identified for this GLM excess. This violation is related to SO2 emissions, as recorded by a GLM station at the refinery and fares were the suspected source.
A13643A	917	07/26/02	10/18/02	10	Excess (03Q02) H2S > 160/PPM/3-Hours (40-CFR 60.104(a)(1))	07/26/02	2	B	This violation was corrected on the day of discovery by restoring the fuel-gas system scrubbing ability. This violation is related to burning fuel-gas with a high H2S content, in various NSPS combustion sources in the refinery. The repeat violations occurred in 2002 and 2003. For this violation, the furnace was not switched over to natural gas in time.
A13923A	821	11/05/02	11/12/02	6-301	Excessive Visible Emissions Coke Dust	11/05/02	1	A	This violation was corrected on the day of discovery by stopping the use of trucks to offload coke at the coke piles and repairing the conveyerized coke transfer system.

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A13645A	903	10/03/02	11/25/02	1-522.6	(ST-43-03) Failure to Maintain Flow Monitor	10/03/02	14	B	This violation was corrected on the day of discovery by adjusting the flow monitor. The continuous flow monitor failed a field accuracy test performed by the District. The repeat violations are related to different emissions (particulate, NOx, NH3) from the #5 Coker CO Boiler. Of the 14 violations that occurred throughout the 4 year period, four of these violations were deemed to be recurring problems for which an abatement action was filed.
A13646A	937	10/29/02	11/25/02	1-522.6	(ST-64-03) Failure to Maintain NOx Monitor	10/29/02	3	B	This violation was corrected on the day of discovery by repairing and recalibrating the continuous emission monitor (CEM). The CEM failed field accuracy test formed by the District.
A13647A	1401	09/12/02	11/25/02	9-1-301	Excess (ID #03R31) SO2 > 0.5 PPM/3 Minutes	09/12/02	16	B	This violation was corrected on the day of discovery by restarting the SRU. The airblowers had tripped at the SRU and Tesoro had difficulties restarting the unit. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A13648A	850	12/04/02	12/05/02	8-18-301	Open-end line leaking > 100 ppm (25,000 ppm leak)	12/04/02	1	A	This violation was corrected on the day of discovery by placing a plug in the open-ended line.
A13649A		08/24/02	12/10/02	10	10-40-CFR 601.104(a)(1) Excess (ID - 03Q62)) - H2S > 160 ppm/3 hours	08/24/02	1	A	This violation was corrected on the day of discovery by repairing the malfunctioning vapor valve on Tank # 324. This violation is related to burning fuel-gas with a high H2S content, in various NSPS combustion sources in the refinery. There were 6 such violations occurring in 2002 and 2003.
A44826A	1401	10/27/02	12/16/02	9-1-307	Excell (ID-03S26) - SO2 > 250 ppm/1 hour	10/27/02	16	B	This violation was corrected on the day of discovery by repairing the malfunctioning oxygen valve within the SRU. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A44827A	1,470	10/31/02	12/16/02	2-1-307	Excess ID # 03S42 - NOx > 10 ppm/3-hours	10/31/02	1	A	This violation was corrected on the day of discovery by repairing the malfunctioning damper and restoring proper air: fuel ratios.
A13650A	699	12/11/02	12/19/02	8-5-306	Hatch Cover Leaking > 100 PPM (Not Vapor Tight) ~ 20,000 PPM	12/12/02	3	D	This violation was corrected on the day of discovery by permanently capping off the hatch cover. The repeat violations were related to excessive fugitive emissions, occurred over a 2 year period, and each were for separate offenses of the regulation.
A44828A	917	10/18/02	12/26/02	10	10-40-CFR-60.104(a)(1) Excess ID # 03S02 - H2S>160 ppm/3-hours	10/19/02	2	D	This violation was corrected one day after the day of discovery by repairing a valve on a tank that was leaking H2S into the fuel-gas system. This violation is related to burning fuel-gas with a high H2S content, in various NSPS combustion sources in the refinery. The repeat violations occurred in 2002 and 2003. For this violation, the furnace was not switched over to natural gas in time.

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A44829A	599	01/14/03	01/14/03	8-5-307	PRV leaking > 500 ppm (not gas-tight); ~1,700 ppm	01/14/03	1	A	This violation was corrected on the day of discovery by cleaning and re-seating the valve.
A44830A	647	01/14/03	01/14/03	8-5-307	PRV leaking > 500 ppm (not gas-tight); ~900 ppm	01/15/03	1	C	This violation was corrected one day after discovery by cleaning and re-seating the valve.
A44831A	668	01/14/03	01/14/03	8-5-307	PRV Leaking > 500 ppm (not gas-tight); ~2,200 ppm	01/15/03	1	C	This violation was corrected one day after discovery by cleaning and re-seating the valve.
A44834A	917	06/26/02	02/28/03	1-523.1	Inoperative monitor reported late	08/08/02	1	C	This was an administrative violation for the late reporting of an in-operative parametric monitor. Though it was late, the inoperative monitor episode was reported to the District
A44834B	917	07/26/02	02/28/03	1-523.2	Duration > 30 days/year	08/08/02	1	C	This was an administrative violation for the duration of an in-operative monitor, being greater than 30 days/year. Though it had already been inoperative greater than 30 days in the year, the parametric monitor was repaired as soon as problem was discovered.
A44835A	851	02/17/03	03/06/03	1-301	5 confirmed complaints of odor.	02/17/03	2	B	This violation was corrected on the day of discovery by closing a valve that was accidentally left open during the unit startup and cleaning the area around the valve. The repeat violations were related to the unit start-up that resulted in a public nuisance and GLM excess.
A44836A	806	03/11/03	03/11/03	6-301	Excessive emissions from E.S.P. hopper deck > 3 minutes.	03/11/03	3	B	This violation was corrected on the day of discovery by suspending the lancing operations on electrostatic precipitator. The repeat violations were related to excessive visible and fugitive VOC emissions, occurred over last 3 years, and each were unrelated or for different regulations.
A44837A	851	02/17/03	03/26/03	9-2-301	Excess (ID-03V03); H2S > 60 ppb/3-minutes.	02/17/03	2	B	This violation was corrected on the day of discovery by closing a valve that was accidentally left open during the unit startup and cleaning the area around the valve. The repeat violations were related to the unit start-up that resulted in a public nuisance and GLM excess.
A44838A		04/09/03	04/09/03	8-5-303	8-5-303.2. P/V valve & hatch cover not gas-tight	04/09/03	1	A	This violation was corrected on the day of discovery by cleaning and reseating the PV valve.
A44838B		04/09/03	04/09/03	8-5-306	Emission control system not gas tight.	04/09/03	1	A	This violation was corrected on the day of discovery by tightening the portable tank hatch cover.
A44839A		04/09/03	04/09/03	8-5-306	Both hatch covers not gas-tight on portable tanks #238844 & #254489.	04/09/03	1	A	This violation was corrected on the day of discovery by tightening the portable tank hatch covers.

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A44840A	903	12/18/02	04/17/03	9-10-304	9-10-304.1 - NOx > 150 PPM/24-hrs.	12/31/02	14	D	This violation was corrected 14 days after the day of discovery by adjusting the boiler burners to control NOx emissions. Due to operators being unaware of a new NOx limits, this violation was corrected over a 14 day period. The repeat violations are related to different emissions (particulate, NOx, NH3) from the #5 Coker CO Boiler. Of the 14 violations that occurred throughout the 4 year period, four of these violations were deemed to be recurring problems for which an abatement action was filed.
A44840B	903	12/18/02	04/17/03	1-522.7	Late reporting.	12/31/02	14	D	This was an administrative violation for the late reporting of a NOx excess. The repeat violations are related to different emissions (particulate, NOx, NH3) from the #5 Coker CO Boiler. Of the 14 violations that occurred throughout the 4 year period, four of these violations were deemed to be recurring problems for which an abatement action was filed.
A44841A	1401	12/30/02	04/17/03	9-1-307	Excess (ID-03T91) - SO2 > 250 PPM/1 hr.	12/30/02	16	B	This violation was corrected on the day of discovery by repairing the level indicator on the feed water pump that tripped the plant offline and restarting the unit. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A44842A	819	04/17/03	04/17/03	8-8-302.3	Covers not vapor-tight (20 leaks > 500 PPM)	04/17/03	2	B	This violation was corrected on the day of discovery by tightening bolts and caulking leaking areas on the API lid identified by the District inspector. Also, the operators increased the diligence used to find leaks during their own inspections The repeat violations were related to excessive fugitive VOC emissions, occurred over 13 months apart, and achieved compliance the same day.
A44843A	834	12/10/02	05/14/03	8-2-301	Crude Oil Release from Blowdown Tower - Emissions > 15 lb/day (VOC)	12/10/02	1	A	This violation was corrected on the day of discovery when the emission release from the blowdown tower stopped. Operator error during emergency shutdown procedure of the crude unit caused the violation and the facility responded by providing additional training to its operators on emergency shutdown procedures..
A44844A	908	02/01/03	05/14/03	2-1-307	Excess ID # 03U82 - NOx > 10 ppm/3-hours	02/02/03	4	D	This violation was corrected one day after the day of discovery by repairing an ammonia injection pump. The repeat violations are related to different emissions (NOx, and visible emissions) from the #8 Furnace.

V#	S#	Occur	Issued	Reg	Violation Comments	Compliance Achieved	# of NOV's	Ongoing	Basis for no compliance schedule
A44845A		03/03/03	05/14/03	9-10-301	Excess ID # 03V28 - NOx > 0.33 lbs./MMbtu per day	03/04/03	1	C	This violation was corrected on the day of discovery by replacing the blown fuse on the ammonia skid of the #6 boiler SCR unit and restarting the unit. This violation was related to a refinery-wide NOx emissions excess.
A44846A	908	02/22/03	05/20/03	2-1-307	Excess ID # 03V14 - NOx > 10 ppm/3-hours	02/22/03	4	B	This violation was corrected on the day of discovery by repairing a heater on the ammonia vaporizer. The repeat violations are related to different emissions (NOx, and visible emissions) from the #8 Furnace.
A44848A	908	05/01/03	06/16/03	2-1-307	Excess (ID-03W47); NOx > 10 ppm/3-hours	05/01/03	4	B	This violation was corrected on the day of discovery by installing new burners and adjusting the fuel/oxygen ratio. The repeat violations are related to different emissions (NOx, and visible emissions) from the #8 Furnace.
A44849A	937	04/18/03	06/16/03	10	Excess (ID # 03W21) H2S > 160 PPM/3-Hrs In Fuel Gas	04/18/03	3	B	This violation was corrected on the day of discovery by switching NSPS furnaces from firing on refinery fuel gas to firing on natural gas. For this violation, the furnace was not switched over to natural gas in time, during an upset at the Chemical plant. This violation is related to burning fuel-gas with a high H2S content, in various NSPS combustion sources in the refinery.
A44626A	1100	07/01/03	07/09/03	8-18-301	2 open ended lines at sampling stations.	07/01/03	1	A	This violation was corrected on the day of discovery by placing a line plug in the end of the leaking pipe.
A44609A	904	05/19/03	08/06/03	6-302	Opacity excess - episode ID # 03W75	05/19/03	6	B	This violation was corrected on the day of discovery by adjusting the air louvers on the boiler to reduce visible emissions. The repeat violations are related to different emissions (particulate, NOx, SO2) from the #6 Boiler. There were 6 violations that occurred during the 4 year period. One violation was related to a recurring problem at the #5 Boiler for which an abatement order was filed.
A44610A	903	06/08/03	08/06/03	6-302	Opacity excess - episode ID 03X16	06/08/03	14	B	This violation represents a recurring pattern of violations arising from inadequate control of coker flue gas emissions. Violations of District regulations occurred as the result of 4 such incidents during the 4-year period. A 5th incident occurred on January 12, 2005, shortly after issuance of Revision 1. Following this, the District initiated administrative enforcement by seeking an order of abatement, which in turn has resulted in a stipulated order of abatement that, among other things, imposes progress milestones towards a final order of abatement. The final order, which is expected in the fall of 2005, will be incorporated into the permit as a schedule of compliance.

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A44612A	904	06/10/03	08/18/03	9-10-304	9-10-304.1 Excess NOx from boiler - excess 03X30	06/16/03	6	D	This violation was corrected within 7 days after the day of discovery by routing the CO gas from the Coker back to #5 Boiler and then the SCR was turned back on in order to abate NOx emissions. The repeat violations are related to different emissions (particulate, NOx, SO2) from the #6 Boiler. There were 6 violations that occurred during the 4 year period. One violation was related to a recurring problem at the #5 Boiler for which an abatement order was filed.
A44614A	912	08/31/02	09/03/03	2-1-307	Failure to submit source test results within 30 days.	01/12/03	1	C	This was an administrative violation for the late submittal of source test results. Though late, the facility submitted source test results to the District. The facility will submit source test results within required timeframe for furnaces subject to reporting requirement conditions.
A44615A	926	07/14/02	09/03/03	2-1-307	Failure to submit source test results within 30 days.	01/15/03	1	C	This was an administrative violation for the late submittal of source test results. Though late, the facility submitted source test results to the District. The facility will submit source test results within required timeframe for furnaces subject to reporting requirement conditions.
A44616A	1401	05/10/03	09/03/03	9-1-307	SO2 excess, episode ID 03W62.	05/11/03	16	D	This violation was corrected on the day of discovery flushing the MDEA stripper, draining the MDEA from the stripper, refilling the stripper with fresh MDEA, retesting the solution and retraining the operator on correct valve alignment. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A44618A	1008	09/23/03	10/01/03	8-18-301	(5) open ended lines @ sample stations.	09/30/03	1	C	This violation was corrected within 8 days after the day of discovery by fabricating and placing line plugs in 5 open sampling port lines This violation is related to five fugitive emission leaks, which required engineering design changes to repair.
A44619A	318	09/24/03	10/01/03	8-5-303	(4) PV valves leaking +10,000 PPM	09/25/03	3	D	This violation was corrected one day after discovery by replacing the PV valves. Refinery environmental staff worked on creating a better program to monitor PVs and gave remedial training to refinery inspections and field operations staff. The repeat violations were 3 to 22 months apart and were repaired and reinspected immediately following discovery.
A44620A	603	04/02/03	10/01/03	8-5-303	PV valve +10,000 PPM	09/19/03	1	C	This violation was corrected one day after discovery by replacing the PV valves. The violation was discovered through a records audit which indicated a leaking unrepaired PV Valve 5 months previous. Refinery environmental staff worked on creating a better program to monitor PVs and gave remedial training to refinery inspections and field operations staff.

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A44621A	976	09/13/03	10/01/03	1-301	Emissions of odors from cooling tower.	09/13/03	1	A	This violation was corrected on the day of discovery by blocking in the leaking condenser tube bundle to prevent hydrogen sulfide from leaking into cooling tower. This violation was related to odorous emissions from a cooling tower leak that resulted in a public nuisance.
A44617A	1001	07/31/03	10/03/03	8-28-401	Late reporting PRD release ID#03Y27	07/31/03	3	B	This was an administrative violation for the late reporting of a PRD venting episode. Though late, the facility submitted the PRD lift report to the District. The repeat violations are related to VOC emissions from this unit. There were 3 violations that occurred in 2003 and 2004.
A44622A	694	10/08/03	10/08/03	8-5-303	P/V valve leak +10,000 PPM	10/08/03	2	B	This violation was corrected on the day of discovery by replacing the PV valve. The repeat violations at this source were 9 months apart, and were for different types of offenses. Refinery environmental staff worked on creating a better program to monitor PVs and gave remedial training to refinery inspections and field operations staff.
A44623A	927	08/13/03	10/08/03	2-1-307	Episode 03Y52 - 8 hour NOX above permit cond. limit.	08/13/03	6	B	This violation was corrected on the day of discovery by steaming out a plugged ammonia injection nozzle. Once the plugged ammonia injection nozzle at the reformer unit was steamed out and proper ammonia flow was reestablished to the SCR, NOx control was achieved. The repeat violations are related to different emissions (NOx, and CO) from this furnace.
A44624A	904	07/04/03	10/29/03	6-302	Opacity Excess ID # 03X80	07/04/03	6	B	This violation was corrected on the day of discovery by manually opening the air louvers on the boiler after a malfunction, to reduce visible emissions. The repeat violations are related to different emissions (particulate, NOx, SO2) from the #6 Boiler. There were 6 violations that occurred during the 4 year period. One violation was related to a recurring problem at the #5 Boiler for which an abatement order was filed.
A44625A	927	06/30/03	10/29/03	1-522.7	Failure to Report Excess W/In 96 Hours	06/30/03	6	B	This was an administrative violation for the late reporting of an emission excess. Though it was late, the episode was reported to the District. The repeat violations are related to different emissions (NOx, and CO) from this furnace.
A44632A	691	05/08/03	10/29/03	8-5-303	P/V Valve Leak On Vapor Recovery Tank (303.2)	05/13/03	2	D	This violation was corrected 6 days after the day of discovery. A records audit indicated this P/V valve leaked for 6 days, before it was finally repaired. The repeat violations at this source were 15 months apart.

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A44633A	318	06/04/03	10/29/03	8-5-303	P/V Valve Leak on Vapor Recovery Tank (303.2)	06/04/03	3	B	This violation was corrected one day after discovery by replacing PV valves. Refinery environmental staff worked on creating a better program to monitor PVs and gave remedial training to refinery inspections and field operations staff. The repeat violations were 3 to 22 months apart and were repaired and reinspected immediately following discovery.
A44634A	324	06/12/03	10/29/03	8-5-303	P/V Valve Leak On Vapor Recovery Tank (303.2)	07/14/03	2	D	This violation was corrected one day after discovery by removing the tank from service, blinding and blocking all valves, and draining and cleaning the tank. A District audit of records discovered that the facility did not repair this leaking P/V valve for 32 days. The repeat violations occurred over 2 years apart and have unrelated causes.
A44635A	126	10/21/03	10/29/03	8-18-301	(3) Open Ended Lines @ > 100 PPM	10/21/03	1	A	This violation was corrected on the day of discovery by placing end-caps on the open-ended lines. In addition, remedial training with operations staff to make them aware of the open ended line issue at the refinery was conducted.
A44636A	694	01/30/03	11/05/03	8-5-403	Failure To Inspect P/V Valve (As Per Method 21)	01/30/03	2	B	This was an administrative violation related to the inspection methods and intervals, for P/V valves on tanks. The P/V valve was placed on the proper inspection schedule. The repeat violations at this source were 9 months apart and were for different types of offenses.
A44637A	702	06/12/03	11/05/03	8-5-403	Failure to Inspect P/V Valve (As Per Method 21)	06/12/03	1	A	This was an administrative violation related to the inspection methods and intervals for P/V valves on tanks. The P/V valve was placed on the proper inspection schedule.
A44638A	708	06/03/03	11/05/03	8-5-403	Failure to Inspect P/V Valve	06/03/03	1	A	This was an administrative violation related to the inspection methods and intervals for P/V valves on tanks. The P/V valve was placed on the proper inspection schedule.
A44641A		09/13/03	11/05/03	9-2-301	GLM Excess ID # 03Z29	09/13/03	1	A	This violation was corrected on the day of discovery by adding hydrogen peroxide into the oxidation pond to stop odorous emissions and to rebalance pond biology This violation is related to H2S emissions, as recorded by a GLM station at the refinery. There were 2 such violations that occurred September 2003 and were traced to wastewater treatment ponds.
A44642A		09/19/03	11/05/03	9-2-301	GLM Excess #03Z46@ Waterfront GLM - H2S	09/19/03	1	A	This violation was corrected on the day of discovery by adding hydrogen peroxide into the oxidation pond to stop odorous emissions and to rebalance pond biology This violation is related to H2S emissions, as recorded by a GLM station at the refinery. There were 2 such violations that occurred September 2003 and were traced to wastewater treatment ponds.

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A44646A	937	12/10/03	12/10/03	8-18-301	Equipment leak on braided hose > 100 ppm.	12/10/03	3	B	This violation was corrected on the day of discovery by replacing a braided metal hose..
A44644A	1411	09/24/03	12/11/03	9-1-309	SO2 excess on acid plant S/D & S/U - excess 03Z58.	09/24/03	6	B	This violation was corrected on the day of discovery by placing an automatic shutdown mechanism on DEA gas line and increasing diligence in maintaining properly calibrated level indicators on the surge drum. The repeat violations were related to SO2 emissions from the sulfuric acid plant. The 6 violations that occurred over the last 3 years were unrelated to each other or for different regulations.
A44643A	1401	09/24/03	12/11/03	9-1-307	SO2 excess @ SRU, excess ID 03257.	09/24/03	16	B	This violation was corrected on the day of discovery by placing an automatic shutdown mechanism on DEA gas line and increasing diligence in maintaining properly calibrated level indicators on the surge drum. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A44649A		10/28/03	12/22/03	10	40CFR60.104(a)(1) - refinery fuel gas excess04A16/breakdown 04A10.	10/28/03	1	A	This violation was corrected on the day of discovery by switching NSPS furnaces from firing on refinery fuel gas to firing on natural gas. The refinery reworked procedures for switching NSPS furnaces and retrained operators to follow written procedures and switch furnaces earlier. This violation is related to burning fuel-gas with a high H2S content in various NSPS combustion sources in the refinery. There were 6 such violations occurring in 2002 and 2003.
A45951A		10/18/03	01/15/04	1-522.7	(4) offenses. Failure to report excess within 96 hours.	11/14/03	1	C	This was an administrative violation, related to the late reporting of 4 different NOx emission excesses. A detailed analysis was performed to determine why the refinery-wide spreadsheet miscalculated the NOx emissions.

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A45952A	1,411	11/08/03	01/15/04	9-1-309	SO2 excess related to episode ID# 04A28.	11/09/03	6	D	This violation was corrected on the day of discovery by repairing a sticking valve on cross-over line that allowed extra air flow into catalyst bed causing temperature to drop. The repeat violations were related to SO2 emissions from the sulfuric acid plant. The 6 violations that occurred over the last 3 years were unrelated to each other or for different regulations.
A45953A	664	01/29/04	01/29/04	8-18-307	Liquid leak 13 drops/minute.	01/29/04	1	A	This violation was corrected on the day of discovery by tightening the valve packing.
A45954A	955	02/04/04	02/06/04	8-18-301	3 open ended lines @ compressors.	02/04/04	1	A	This violation was corrected on the day of discovery by venting the open line to a carbon canister scrubber system already in place .
A45955A	927	10/26/03	02/11/04	2-1-307	NOx excess due to SCR S/D, episode # 04A26.	10/26/03	6	B	This violation was corrected on the day of discovery by steaming out a plugged ammonia injection nozzle. Once the plugged ammonia injection nozzle at the reformer unit was steamed out and proper ammonia flow was reestablished to the SCR, NOx control was achieved. The repeat violations are related to different emissions (NOx, and CO) from this furnace.
A45956A	992	02/20/04	02/24/04	6-301	Visible emissions from flare.	02/20/04	1	A	This violation was corrected on the day of discovery by restoring power to the process units and the flare gas flow decreased as the refinery restored power.
A45957A	854	02/20/04	02/24/04	6-301	Visible emissions from flare.	02/20/04	2	B	This violation was corrected on the day of discovery by restoring power to the process units. Flare gas flow decreased as the refinery restored power. The repeat violations were related to different flaring events, for different regulations and occurred more than 2 years apart.
A45958A	944	02/20/04	02/24/04	6-301	Visible emissions from flare.	02/20/04	3	B	This violation was corrected on the day of discovery by restoring power to the units. Flare gas flow decreased as the refinery restored power. The repeat violations were related to different flaring events, and for different regulations. The 3 violations each occurred more than 15 months apart.

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A45959A		03/01/04	03/04/04	1-301	Odorous release from refinery.	03/01/04	1	A	This violation was corrected on the day of discovery by ceasing the operation of a spent caustic treating unit. A subsequent NOV was issued as more odors continued through the following day but no specific source could be identified as the cause of the odors. This violation was related to odorous emissions, from the refinery flare system that resulted in a public nuisance. There were 3 such violations that occurred during the first week of March 2004.
A45960A		03/02/04	03/04/04	1-301	Odorous release from refinery.	03/02/04	1	A	This violation was corrected on the day of discovery by increasing the water seal of the steam flares and ending the flow of flare gas to the flare network. A subsequent NOV was issued as the odors continued on following days. This violation was related to odorous emissions, from the refinery flare system, that resulted in a public nuisance. There were 3 such violations that occurred during the first week of March 2004.
A45961A		03/04/04	03/15/04	1-301	Odorous release from refinery.	03/04/04	1	A	This violation was corrected on the day of discovery by manually blocking out the steam flares to prevent flare gas flow. A root cause analysis was performed and several causal factors were identified. The refinery implemented recommendations stemming from the RCA investigation. This violation was related to odorous emissions from the refinery flare system that resulted in a public nuisance. There were 3 such violations that occurred during the first week of March 2004.
A45962A	952	02/11/04	03/24/04	9-8-301	Failed source test #04130	02/11/04	2	B	This violation was corrected on the day of discovery by shutting down the engine immediately for repairs. This violation was related to a failed source test performed by the District on an IC engine.
A45962B	952	02/11/04	03/24/04	9-8-301	9-8-301.3 - Failed source test #04130.	02/12/04	2	B	This violation was corrected on the day of discovery by shutting down the engine for repairs. This violation was related to a failed source test, performed by the District, on an IC engine.
A45964A	26	04/14/04	04/16/04	8-5-322	Rip in secondary seal @ 2 locations.	04/14/04	1	A	This violation was corrected on the day of discovery by replacing the ripped secondary seal fabric and adding a sealing agent.

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A45965A	1,006	04/29/04	04/29/04	8-18-301	Equipment leak on valve.	04/29/04	1	A	This violation was corrected on the day of discovery by sealing a hole on the side of the valve using a fabricated metal dowel and sealant and then reinspecting the equipment.
A45966A	974	02/26/04	05/06/04	2-1-307	NOx emissions - excess ID #04C37.	02/26/04	2	B	This violation was corrected on the day of discovery by re-starting the affected equipment. The repeat violations are related to NOx emissions from this furnace and occurred over two months apart.
A45967A	1,411	02/20/04	05/24/04	9-1-309	Acid plant SO2 excess = ID # 04C30	02/20/04	6	B	This violation was corrected on the day of discovery by restoring power to the process units. SO2 emissions fell below excess level when final plant startup and refinery stabilization occurred. The repeat violations were related to SO2 emissions from the sulfuric acid plant. The 6 violations that occurred over the last 3 years were unrelated to each other or for different regulations.
A45968A	1,401	02/20/04	05/24/04	9-1-307	SRU excess of SO2 = ID# 04C31	02/21/04	16	D	This violation was corrected one day after the day of discovery by restoring power and stabilizing the process units. A refinery wide power outage caused the SRU to shut down. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A45972A	699	06/02/04	06/04/04	8-18-301	Open ended line on tank VR system	06/02/04	3	B	This violation was corrected on the day of discovery by re-filling the water seal on vapor recovery system knock-out pot. The repeat violations were related to excessive fugitive emissions, occurred over a 2 year period, and each were for separate offenses of the regulation.
A45973A	819	06/03/04	06/04/04	8-8-302	8-8-302.3 - 2 hydrocarbon leaks > 500 ppm	06/03/04	2	B	This violation was corrected on the day of discovery by repairing the forebay hatch cover and replacing the gasket. The repeat violations were related to excessive fugitive VOC emissions, occurred over 13 months apart, and achieved compliance the same day.
A45974A	954	05/07/04	06/04/04	9-8-301	Failed source test # 04189, CO & NOX	05/07/04	1	A	This violation was corrected on the day of discovery by shutting down the engine for repairs. This violation was related to a failed source test, performed by the District on an IC engine.
A45975A	515	06/03/04	06/04/04	8-18-301	3 open-ended lines + 100 ppm	06/03/04	1	A	This violation was corrected on the day of discovery by placing plugs in the open-ended lines.
A45926A		01/01/03	06/09/04	8-5-401	Failure to inspect 2 X yearly @ 4-8 months.	06/09/04	1	C	This was an administrative violation, related to the inspection intervals and reporting requirements, for floating-roof tank seals. This violation was for multiple tanks operating at the refinery. The tank inspection schedule was corrected for the new inspection requirements from recent rule revisions.

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A45927A		01/01/03	06/09/04	8-5-402	Failure to inspect 2X yearly @ 4-8 months.	06/09/04	1	C	This was an administrative violation, related to the inspection intervals and reporting requirements, for floating-roof tank seals. This violation was for multiple tanks operating at the refinery. The tank inspection schedule was corrected for the new inspection requirements from recent rule revisions.
A45928A		01/01/03	06/09/04	8-5-403	Failure to inspect PV valve 2 X yearly @ 4-8 months.	06/09/04	1	C	This was an administrative violation, related to the inspection intervals and reporting requirements, for P/V valves on tanks. This violation was for multiple tanks operating at the refinery. The tank inspection schedule was corrected for the new inspection requirements from recent rule revisions.
A45929A		01/01/03	06/09/04	8-5-404	Failure to submit compliance cert within 60 days.	06/09/04	1	C	This was an administrative violation, related to the submittal (60-days) for compliance inspection reports for all tanks in the refinery. The tank inspection submittal schedule was corrected to meet the more stringent reporting timeline of the revised rule.
A45971A	641	05/24/04	06/18/04	8-5-304	Liquid tank contents on floating roof.	05/24/04	1	A	This violation was corrected on the day of discovery by patching a pinhole leak on the floating-roof and cleaning off the liquid on roof.
A45932A	1013	06/01/04	07/06/04	1-523.1	Late report inoperative monitor ID 04E27.	06/01/04	1	A	This was an administrative violation, related to the late reporting of an inoperative monitor. Though it was late, the inoperative monitor episode was reported to the District
A45933A		04/28/04	07/06/04	2-1-302	No Permit to Operate.	04/28/04	1	A	This was an administrative violation, related to the facility self-reporting several un-permitted IC Engines to the District. Facility submitted a permit application immediately and obtained a permit-to-operate.
A45938A	1401	04/15/04	07/06/04	9-1-307	SO2 excess @ SRU, Episode ID 04D26 denied breakdown ID 04D22	04/15/04	16	B	This violation was corrected on the day of discovery by stabilizing the SRU plant and retraining operator who caused the outage. The repeat violations were related to emissions (SO2) from the sulfur recovery unit. The 16 violations that occurred throughout the 4 year period were caused by different events. 10 emission violations occurred as a result of the "event" and 6 occurred during start-up of the SRU.
A45939A	950	04/22/04	07/06/04	1-522.6	2 failed source tests, OS-564 and 211-04.	06/07/04	2	D	This violation was related to failed field accuracy tests performed by the District and a contractor on a continuous emission monitor (CEM). The CEM was repaired and re-tested.

V#	S#	Occur	Issued	Reg	Violation Comments	Compliance Achieved	# of NOV's	Ongoing	Basis for no compliance schedule
A45940A	699	06/10/04	07/28/04	8-5-303	(2) PV valves > 500 ppm	06/10/04	3	B	This violation was corrected on the day of discovery by replacing the PV valves. The repeat violations occurred over a 2 year period and were for separate offenses of the regulation.
A45942A	903	07/05/04	07/28/04	1-301	Boiler tube failure and shutdown. 8 complaints.	07/06/04	14	D	This violation represents a recurring pattern of violations arising from inadequate control of coker flue gas emissions. Violations of District regulations occurred as the result of 4 such incidents during the 4-year period. A 5th incident occurred on January 12, 2005, shortly after issuance of Revision 1. Following this, the District initiated administrative enforcement by seeking an order of abatement, which in turn has resulted in a stipulated order of abatement that, among other things, imposes progress milestones towards a final order of abatement. The final order, which is expected in the fall of 2005, will be incorporated into the permit as a schedule of compliance.
A45943A		06/14/04	08/03/04	9-2-301	GLM excess H2S, episode 04E54.	06/14/04	1	A	This violation was corrected on the day of discovery when the wind shifted away from the monitoring station. The GLM excess cause is unknown. This violation is related to H2S emissions, as recorded by a GLM station at the refinery.
A45193A	830	07/23/04	08/05/04	1-301	Surge pond odors 5 confirmed complaints.	07/23/04	4	B	This violation was corrected on the day of discovery by treating the surge pond. The refinery instituted engineering controls to decrease odors and hired contractor staff to modify pond feed systems and reduce load entering the pond network. The refinery also held multiple odor awareness classes. The repeat violations were related to odorous surge pond emission that resulted in a public nuisance and GLM excess. Three of violations occurred on the same day in 2002, while the 4th violation occurred 2 years later.
A45944A	691	08/24/04	09/20/04	8-5-303	8-5-303.2 - PRV leak > 500 ppm.	08/24/04	2	B	This violation was corrected on the day of discovery by replacing the PV valve. The repeat violations at this source were 15 months apart.
A45945A	134	09/01/04	09/20/04	8-5-303	8-5-303.2 - P/V valve leak > 580 ppm.	09/01/04	1	A	This violation was corrected on the day of discovery by replacing the P/V valve and adjusting the natural gas blanket system pressure.
A45945B	134	09/01/04	09/20/04	8-5-306	AECS leak > 100 ppm.	09/01/04	1	A	This violation was corrected on the day of discovery by replacing the explosion hatch gasket and adjusting the natural gas blanket system pressure.
A45946A	950	09/09/04	09/20/04	8-18-301	Equipment leak > 100 ppm.	09/09/04	2	B	This violation was corrected on the day of discovery by replacing a flex-hose.
A45947A	903	08/29/04	09/20/04	2-6-307	Ammonia flow rate excess, PC # 573.	08/29/04	14	B	This violation was corrected on the day of discovery by reducing the ammonia injection rate to comply with permit condition limit. The repeat violations are related to different emissions (particulate, NOx, NH3) from the #5 Coker CO Boiler. Of the 14 violations that occurred throughout the 4 year period, four of these violations were deemed to be recurring problems for which an abatement action was filed.

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A45948A	1001	09/14/04	09/22/04	8-18-301	3 open ended lines > 100 ppm.	09/14/04	3	B	This violation was corrected on the day of discovery by capping open lines and instituting an open-ended line cessation program. The repeat violations are related to VOC emissions from this unit. There were 3 violations that occurred in 2003 and 2004.
A45948B	1001	09/14/04	09/22/04	8-18-307	Liquid leak > 3 drops/min.	09/14/04	3	B	This violation was corrected on the day of discovery by capping open lines and instituting an open-ended line cessation program. The repeat violations are related to VOC emissions from this unit. There were 3 violations that occurred in 2003 and 2004.
A45949A	903	07/04/04	09/22/04	6-302	Opacity excess > 30%, Breakdown #04E93, Episode #04E94	07/06/04	14	D	This violation represents a recurring pattern of violations arising from inadequate control of coker flue gas emissions. Violations of District regulations occurred as the result of 4 such incidents during the 4-year period. A 5th incident occurred on January 12, 2005, shortly after issuance of Revision 1. Following this, the District initiated administrative enforcement by seeking an order of abatement, which in turn has resulted in a stipulated order of abatement that, among other things, imposes progress milestones towards a final order of abatement. The final order, which is expected in the fall of 2005, will be incorporated into the permit as a schedule of compliance.
A45950A	904	07/06/04	09/22/04	6-302	Opacity excess > 30%, episode ID 04F09.	07/07/04	6	D	This violation represents a recurring pattern of violations arising from inadequate control of coker flue gas emissions. Violations of District regulations occurred as the result of 4 such incidents during the 4-year period. A 5th incident occurred on January 12, 2005, shortly after issuance of Revision 1. Following this, the District initiated administrative enforcement by seeking an order of abatement, which in turn has resulted in a stipulated order of abatement that, among other things, imposes progress milestones towards a final order of abatement. The final order, which is expected in the fall of 2005, will be incorporated into the permit as a schedule of compliance.
A46676A	953	08/20/04	09/22/04	9-8-301	Failed Source Test 05023, CO>2000 ppm.	08/20/04	2	B	This violation was corrected on the day of discovery by shutting down the engine for repairs. This violation was related to a failed source test, performed by the District on an IC engine. The repeat violations at this source were over 3 years apart, and for a different emission.
A46677A	927	07/18/04	10/27/04	2-6-307	NOx excess on startup, episode 04F25.	07/18/04	6	B	This violation was corrected on the day of discovery by completing the unit startup. For this violation, the start-up period was exceeded and a permit condition change was requested. The repeat violations are related to different emissions (NOx, and CO) from this furnace.

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A46678A	1,411	07/19/04	10/27/04	9-1-309	SO2 excess, Episode ID 04F26.	07/19/04	6	B	This violation was corrected on the day of discovery by bringing the unit up to full rate and heating up the converter beds. The repeat violations were related to SO2 emissions from the sulfuric acid plant. The 6 violations that occurred over the last 3 years were unrelated to each other or for different regulations.
A45075A	952	11/02/04	11/02/04	8-18-307	Detected organic liquid leak 12 drops per 1 minute.	11/02/04	2	B	This violation was corrected on the day of discovery by repairing the leaking pump seal.
A46751A	908	10/30/04	11/02/04	6-301	Episode ID = 04H51. Exceeded Reg 6-301 opacity limit (~18.75 min)	10/31/04	4	D	This violation was corrected one day after the day of discovery by bringing the coker up to full rate and restarting No. 5 boiler to combust coker flue gas. The repeat violations are related to different emissions (NOx, and visible emissions) from the #8 Furnace.
A46680A	802	01/20/04	11/23/04	2-6-307	Permit Condition 19199. Failure to meet 100 ppm pump emission limit.	11/22/04	1	C	This violation was corrected on the day of discovery by updating the inspection database and re-inspecting the affected equipment. District staff discovered through a records audit that new pumps were not being inspected according to a more stringent 100 ppm leak standard permit condition over a 10-month period.
A46681A	924	11/01/04	11/23/04	1-523.1	Episode ID 04H26 - Failure to report inop monitor next business day.	11/01/04	1	A	This was an administrative violation for the late reporting of an in-operative parametric monitor. Though it was late, the inoperative monitor episode was reported to the District
A46682A		01/01/03	11/23/04	2-1-307	Failure to maintain 1400 F, failure to maintain temp records 2 X daily	11/22/04	1	C	This was an administrative and emission related violation, for a small thermal oxidizer. The violation was for multiple days in 2003 and 2004, related to low temperature recordings or missing records entirely. Once this violation was identified by the District, the facility began recording temperature data correctly, re-trained operators, and is now in compliance with the permit condition requirements.
A46683A		04/11/04	11/23/04	2-1-307	Failure to keep temperature records.	11/22/04	1	C	This was an administrative and emission related violation, for a small thermal oxidizer. The violation was for multiple days in 2003 and 2004, related to low temperature recordings or missing records entirely. Once this violation was identified by the District, the facility began recording temperature data correctly, re-trained operators, and is now in compliance with the permit condition requirements.
A46684A		01/01/03	11/23/04	2-1-307	Failure to maintain 1400 F, failure to maintain temp records 2 x daily.	11/22/04	1	C	This was an administrative and emission related violation, for a small thermal oxidizer. The violation was for multiple days in 2003 and 2004, related to low temperature recordings or missing records entirely. Once this violation was identified by the District, the facility began recording temperature data correctly, re-trained operators, and is now in compliance with the permit condition requirements.

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A46679A		12/15/03	11/23/04	2-6-307	Permit Condition 19199. Failure to meet 100 ppm pump emission limit.	11/22/04	1	C	This violation was corrected on the day of discovery by placing specific pump emissions limits in a Title V matrix and inspecting them against a 100 ppm limit. This violation was discovered through a records audit which indicated that new pumps were not being inspected according to a more stringent permit condition limit, over a 10-month period.
A46754A	903	10/30/04	11/30/04	1-301	BAAQMD received 5 citizen complaints in response to #5 Boiler smoke on 10/30/04.	10/31/04	14	D	This violation was corrected one day after the day of discovery by restarting the boiler to combust the coker flue gas. The repeat violations are related to different emissions (particulate, NOx, NH3) from the #5 Coker CO Boiler. Of the 14 violations that occurred throughout the 4 year period, four of these violations were deemed to be recurring problems for which an abatement action was filed.
A46755A	974	12/24/03	11/30/04	2-6-307	Title V Permit Condition #8077 Violation, greater than 146 lbs NOx on start-up.	12/24/03	2	B	This violation was corrected on the day of discovery by bringing the HDS unit up to full rate. The repeat violations are related to NOx emissions from this furnace and occurred over two months apart.
A46688A	806	12/09/04	12/13/04	8-18-301	Open end line > 10,000 ppm @ coke chunk valve.	12/09/04	3	B	This violation was corrected on the day of discovery by installing a large blind flange to manually block the leak. The repeat violations were related to excessive visible and fugitive VOC emissions, occurred over last 3 years, and each were unrelated or for different regulations.
A46689A	927	07/18/04	12/13/04	2-6-307	On start-up, NOX excess ID 04G60	09/30/04	6	B	This violation was corrected on the day of discovery by completing the unit startup. For this violation, the start-up period was exceeded and a permit condition change was requested. The repeat violations are related to different emissions (NOx, and CO) from this furnace.
A46689B	927	07/18/04	12/13/04	9-10-305	CO excess ID 04G61	09/30/04	6	B	This violation was corrected on the day of discovery by completing the unit startup. For this violation, the start-up period was exceeded and a permit condition change was requested. The repeat violations are related to different emissions (NOx, and CO) from this furnace.