



Noise Update

July 28, 2009

Action items completed as of 7/24/2009



Noise controls	Brief description	Plan Date	Actual date
Cooling tower condenser pump enclosure	Built enclosures around pumps and added sound abatement material (9 pumps).	7/9/2009	7/8/2009
SDX fans enclosure	1 metal structure encased with sound abatement material that surrounds all 4 fans (2 fans / Silicon dust collector)	7/20/2009	7/13/2009
ASX fans enclosure	4 metal structures (1/fan) encased with sound abatement material (2 fans/ Acid scrubber)	7/20/2009	7/16/2009
Temporary gates added to the temporary wall	Construct gates with sound abatement material that will encase the process gas delivery trucks	7/18/2009	7/18/2009
SDX noise wall	Construct noise wall around the 2 silicon dust collector systems	8/10/2009	7/19/2009
ASX stack discharge silencer	Install 2 custom built exhaust stack attenuators. (1/ Acid scrubber)	8/10/2009	7/21/2009
Boiler room louver silencer	Install custom built attenuators for fresh air intake louvers for the hot water boilers	8/24/2009	7/25/2009

Action items completed after 7/25/2009



Noise controls	Brief description	Plan Date	Actual date
VOC stack discharge silencer	Install 3 custom built exhaust stack attenuators (1 /VOC scrubber)	8/17/2009	7/26/2009
VOC noise wall	Construct noise wall around the 3 VOC scrubber systems	8/17/2009	7/27/2009
Additional cooling tower attenuation	Install custom built attenuators for phase 1	9/15/2009	7/27/2009
Laminator rooftop exhaust silencers	Install 4 duct silencers; 1 per laminator	7/27/2009	7/26/2009

Action items that remain in process



Noise controls	Brief description	Plan Date	Status	Comments
NOX pump motor enclosure	2 metal structures with sound abatement material that encase 2 pump motors (2 pump motors/ NOX scrubber)	7/27/2009	In process	This date slipped due to high outdoor temperatures. Ice vests were purchased to maintain the safety of the contractors. The expected completion date is 7/30/09
Gas PRV station attenuation	Install custom sound attenuation around the natural gas pressure regulator valve	8/7/2009	In process	An 8' wall will be constructed to enclose the gas meter. Material is on site and this project is on schedule.
VOC Combustion Blower enclosure	Install 3 custom built sound enclosures around VOC combustion blowers (1/ VOC scrubber)	8/10/2009	In process	The material has been confirmed to arrive on 7/30/09. This project is on schedule
Cooling tower Phase 1 cell 5 intake silencer	Install 1 custom air intake attenuator on south side of cooling tower # 5 (phase 1) to match phase 2 towers	8/10/2009	In process	This project is on schedule
Permanent ground mounted pumps with enclosure	Install ground mounted electrical pumps inside custom sound abatement enclosure for process gas deliveries. (trucks can be shutoff during the delivery process)	8/28/2009	In process	This project is on schedule





