

# KCP&L LaCygne Unit 2 Construction Completion & Commissioning Status

Activity ID	Activity Name	Original Duration	% Complete	Start	Finish
ST09.00SA-01.02to	TO System to Start Up [Service Air - Limestone/Fly Ash(00SA-01.02)]	16	100%	08-11-14 A	08-11-14 A
ST09.00SA-01.02cs	Commission System [Service Air - Limestone/Fly Ash(00SA-01.02)]	16	100%	11-24-14 A	11-25-14 A
<b>T/O Packs: AIR.00SA-01.01 Service Air - Service Water BOP</b>					
ST09.00SA-01.01to	TO System to Start Up [Service Air - BOP (00SA-01.01)]	16	100%	08-28-14 A	08-28-14 A
ST09.00SA-01.01cs	Commission System [Service Air - BOP (00SA-01.01)]	8	100%	01-05-15 A	01-05-15 A
<b>T/O Packs: WTR. Water T/O Packs</b>					
<b>T/O Packs: WTR.000WW-01.01 Oily Water Waste</b>					
ST09.000WW-01.01to	TO System to Start Up [Oily Water Waste (000WW-01.01)]	8	100%	05-01-14 A	05-01-14 A
ST09.000WW-01.01cs	Commission System [Oily Water Waste (000WW-01.01)]	16	100%	06-20-14 A	06-27-14 A
<b>T/O Packs: WTR.00EDS-01.01 Plant Drains - AQCS</b>					
ST09.00EDS-01.01to	TO System to Start Up [Plant Drains-AQCS(00EDS-01.01)]	16	100%	04-29-14 A	04-29-14 A
ST09.00EDS-01.01cs	Commission System [Plant Drains-AQCS(00EDS-01.01)]	16	100%	07-10-14 A	11-26-14 A
<b>T/O Packs: WTR.00EDS-02.01 Plant Drains - Lime Area</b>					
ST09.00EDS-02.01to	TO System to Start Up [Plant Drains-Lime Area(00EDS-02.01)]	16	100%	10-02-14 A	10-02-14 A
ST09.00EDS-02.01cs	Commission System [Plant Drains-Lime Area(00EDS-02.01)]	16	100%	01-05-15 A	01-07-15 A
<b>T/O Packs: WTR.00SWS-01.01 Service Water Storage</b>					
ST09.00SWS-01.01to	TO System to Start Up [Service Water Storage(00SWS-01.01)]	16	100%	06-28-14 A	06-28-14 A
ST09.00SWS-01.01cs	Commission System [Service Water Storage(00SWS-01.01)]	16	100%	07-18-14 A	10-09-14 A
<b>T/O Packs: WTR.00SWS-01.02 Service Water Forwarding</b>					
ST09.00SWS-01.02to	TO System to Start Up [Service Water Forwarding(00SWS-01.02)]	8	100%	05-20-14 A	05-20-14 A
ST09.00SWS-01.02cs	Commission System [Service Water Forwarding(00SWS-01.02)]	16	100%	07-18-14 A	07-24-14 A
<b>T/O Packs: WTR.00SWS-01.03 Service Water-Users</b>					
ST09.00SWS-01.03to	TO System to Start Up [Service Water Users(00SWS-01.03)]	16	100%	08-28-14 A	08-28-14 A
ST09.00SWS-01.03cs	Commission System [Service Water Users(00SWS-01.03)]	16	100%	09-08-14 A	01-02-15 A
<b>T/O Packs: WTR.00SWS-01.05 Service Water-Fly Ash</b>					
ST09.00SWS-01.05to	TO System to Start Up [Service Water - Fly Ash (00SWS-01.05)]	8	100%	08-05-14 A	08-05-14 A
ST09.00SWS-01.05cs	Commission System [Service Water - Fly Ash (00SWS-01.05)]	16	100%	01-05-15 A	01-07-15 A
<b>T/O Packs: WTR.00SWS-01.04 Service Water-ID Fan Area</b>					
ST09.00SWS-01.04to	TO System to Start Up [Service Water - Fly Ash (00SWS-01.04)]	16	100%	08-07-14 A	08-07-14 A
ST09.00SWS-01.04cs	Commission System [Service Water-ID Fan Area (00SWS-01.04)]	16	100%	11-12-14 A	11-14-14 A
<b>T/O Packs: WTR.00FPU-01.01 Fire Protection System - UG</b>					
ST09.00FPU-01.01to	TO System to Start Up [Fire Protection System UG(00FPU-01.01)]	8	100%	10-30-14 A	10-30-14 A
ST09.00FPU-01.01cs	Commission System [Fire Protection System UG(00FPU-01.01)]	16	100%	10-20-14 A	01-09-15 A
<b>T/O Packs: WTR.02EDS-02.01 Unit 2 Plant Drains- Lime Area</b>					
ST09.02EDS-02.01to	TO System to Start Up [Unit 2 Plant Drains-Lime Area(02EDS-02.01)]	16	100%	08-11-14 A	08-11-14 A
ST09.02EDS-02.01cs	Commission System [Unit 2 Plant Drains-Lime Area(02EDS-02.01)]	16	100%	10-03-14 A	01-02-15 A
<b>T/O Packs: WTR.02FD-01.01 Floor Drains - Unit 2</b>					
ST09.02FD-01.01to	TO System to Start Up [Floor Drains - Unit 2(02FD-01.01)]	16	100%	08-12-14 A	08-12-14 A
ST09.02FD-01.01mc	Mechanical Equip Pre-Comm Checks [Floor Drains - Unit 2(02FD-01.01)]	8	100%	11-17-14 A	11-17-14 A
ST09.02FD-01.01el	Electrical Equip Pre-Comm Checks [Floor Drains - Unit 2(02FD-01.01)]	8	100%	11-21-14 A	11-24-14 A
<b>T/O Packs: WTR.00FD-01.01 Floor Drains - Common</b>					
ST09.00FD-01.01to	TO System to Start Up [Floor Drains Common(00FD-01.01)]	16	100%	08-19-14 A	08-19-14 A
ST09.00FD-01.01el	Electrical Equip Pre-Comm Checks [Floor Drains Common(00FD-01.01)]	8	100%	11-25-14 A	11-25-14 A
ST09.00FD-01.01mc	Mechanical Equip Pre-Comm Checks [Floor Drains Common(00FD-01.01)]	8	100%	11-26-14 A	11-26-14 A
<b>T/O Packs: WTR.00RCW-01.01 Reclaim Water</b>					
ST09.00RCW-01.01to	TO System to Start Up [Reclaim Water(00RCW-01.01)]	16	100%	07-30-14 A	07-30-14 A
ST09.00RCW-01.01cs	Commission System [Reclaim Water(00RCW-01.01)]	16	100%	10-03-14 A	12-12-14 A
<b>T/O Packs: WTR.00PW-02.01 Potable Water/Unit 2 Fabric Filter</b>					
ST09.00PW-02.01to	TO System to Start Up [Potable Water/Unit 2 Fabric Filter(00PW-02.01)]	16	100%	11-13-14 A	11-13-14 A
ST09.00PW-02.01cs	Commission System [Potable Water/Unit 2 Fabric Filter(00PW-02.01)]	16	100%	01-12-15 A	01-23-15 A
<b>T/O Packs: WTR.00PW-01.01 Potable Water</b>					
ST09.00PW-01.01cs	Commission System [Potable Water (00PW-01.01)]	16	100%	11-03-14 A	11-04-14 A
ST09.00PW-01.01to	TO System to Start Up [Potable Water (00PW-01.01)]	16	100%	11-13-14 A	11-13-14 A
<b>T/O Packs: WTR.00FPA-01.01 Fire Protection System - AG</b>					
ST09.00FPA-01.01to	TO System to Start Up [Fire Protection-AG(00FPA-01.01)]	8	100%	10-30-14 A	10-30-14 A
ST09.00FPA-01.01cs	Commission System [Fire Protection-AG(00FPA-01.01)]	8	100%	10-21-14 A	01-09-15 A
<b>T/O Packs: ASH. Fly Ash T/O</b>					
<b>T/O Packs: ASH.00ADC-01.01 Fly Ash Exhausters</b>					
ST09.00ADC-01.01to	TO System to Start Up [Blowers/Exhaust(00ADC-01.01)]	16	100%	07-03-14 A	07-03-14 A
ST09.00ADC-01.01cs	Commission System [Blowers/Exhaust(00ADC-01.01)]	40	100%	09-22-14 A	12-12-14 A
<b>T/O Packs: ASH.02ADC-01.02 Unit 2 Hoppers &amp; Transport Piping</b>					
ST09.02ADC-01.02to	TO System to Start Up [Unit 2 Hoppers & Transport Piping(02ADC-01.02)]	16	100%	07-03-14 A	07-03-14 A
ST09.02ADC-01.02cs	Commission System [Unit 2 Hoppers & Transport Piping(02ADC-01.02)]	40	100%	09-24-14 A	11-19-14 A
<b>T/O Packs: ASH.00ADC-01.03 Waste Ash Silo</b>					
ST09.00ADC-01.03to	TO System to Start Up [Waste Ash Silo (00ADC-01.03)]	16	100%	08-15-14 A	08-15-14 A
ST09.00ADC-01.03cs	Commission System [Waste Ash Silo (00ADC-01.03)]	40	100%	09-25-14 A	11-19-14 A
<b>T/O Packs: ASH.00ADC-01.04 Unloading/Disposal</b>					
ST09.00ADC-01.04to	TO System to Start Up [Unloading/Disposal(00ADC-01.04)]	16	100%	08-20-14 A	08-20-14 A
ST09.00ADC-01.04cs	Commission System [Unloading/Disposal(00ADC-01.04)]	40	100%	09-26-14 A	11-21-14 A
<b>T/O Packs: ASH.02ADC-01.04 Unit 2 Unloading/ Disposal</b>					
ST09.02ADC-01.04to	TO System to Start Up [Unloading/Disposal Unit 2 (02ADC-01.04)]	16	100%	09-26-14 A	09-26-14 A
ST09.02ADC-01.04cs10	Commission System [Unloading/Disposal Unit 2 (02ADC-01.04)]	40	100%	11-17-14 A	11-21-14 A
<b>T/O Packs: FFS. Fabric Filter T/O</b>					
<b>T/O Packs: FFS.02FFS-01.02 Unit 2 Cleaning Air Blowers</b>					
ST09.02FFS-01.02to	TO System to Start Up [Unit 2 Seal Air Blowers(02FFS-01.02)]	16	100%	08-07-14 A	08-07-14 A
ST09.02FFS-01.02cs	Commission System [Unit 2 Seal Air Blowers(02FFS-01.02)]	80	100%	09-25-14 A	10-17-14 A
<b>T/O Packs: FFS.02FFS-01.01 Unit 2 Fabric Filter</b>					
ST09.02FFS-01.01to	TO System to Start Up [Unit 2 Fabric Filter (02FFS-01.01)]	16	100%	08-07-14 A	08-07-14 A
ST09.02FFS-01.01ch	Commission Hopper Heaters [Unit 2 Fabric Filter (02FFS-01.01)]	80	100%	10-13-14 A	10-17-14 A
<b>T/O Packs: FAN. ID Fan T/O Packs</b>					
<b>T/O Packs: FAN.02IDF-01.02 Fan 2A L/O/Hyd system</b>					
ST09.02IDF-01.02to	TO System to Start Up [Fan 2A L/O/Hyd System(02IDF-01.02)]	16	100%	07-15-14 A	07-15-14 A
ST09.02IDF-01.02cs	Commission System [Fan 2A L/O/Hyd System(02IDF-01.02)]	80	100%	09-02-14 A	11-03-14 A



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<b>T/O Packs: FAN.02IDF-02.01 ID Fan 2B</b>					
ST09 02IDF-02 01to	TO System to Start Up [ID Fan 2B(02IDF-02 01)]	16	100%	07-31-14 A	08-01-14 A
ST09 02IDF-02 01cf	Operate Fan Pre-Outage [ID Fan 2B(02IDF-02 01)]	40	100%	10-15-14 A	11-03-14 A
<b>T/O Packs: FAN.02IDF-01.01 ID Fan 2A</b>					
ST09 02IDF-01 01to	TO System to Start Up [ID Fan 2A(02IDF-01 01)]	16	100%	07-31-14 A	08-01-14 A
ST09 02IDF-01 01cf	Operate Fans Pre-Outage [ID Fan 2A(02IDF-01 01)]	40	100%	11-14-14 A	11-26-14 A
<b>T/O Packs: FAN.02IDF-03.02 Fan 2C LO/Hyd system</b>					
ST09 02IDF-03 02to	TO System to Start Up [Fan 2C LO/Hyd System(02IDF-03 02)]	8	100%	08-05-14 A	08-05-14 A
ST09 02IDF-03 02cs	Commission System [Fan 2C LO/Hyd System(02IDF-03 02)]	80	100%	09-02-14 A	09-12-14 A
<b>T/O Packs: FAN.02IDF-02.02 Fan 2B LO/Hyd system</b>					
ST09 02IDF-02 02to	TO System to Start Up [Fan 2B LO/Hyd System(02IDF-02 02)]	16	100%	07-16-14 A	07-17-14 A
ST09 02IDF-02 02cs	Commission System [Fan 2B LO/Hyd System(02IDF-02 02)]	80	100%	09-02-14 A	09-12-14 A
<b>T/O Packs: FAN.02IDF-03.01 ID Fan 2C</b>					
ST09 02IDF-03 01to	TO System to Start Up [Unit 2 Flue Gas Duct and Outage Tie-Ins(02IDF-03 01)]	16	100%	09-05-14 A	09-05-14 A
ST09 02IDF-03 01cf	Operate Fan Pre-Outage [ID Fan 2C(02IDF-03 01)]	40	100%	10-14-14 A	10-19-14 A
<b>T/O Packs: SCR SCR and Ductwork T/O Packs</b>					
<b>T/O Packs: SCR.02SCR-01.01 SCR 2A Bypass Duct and Dampers</b>					
ST09 02SCR-01 01to	TO System to Start Up [SCR 2A Bypass Duct and Dampers (02SCR-01 01)]	16	100%	11-14-14 A	11-14-14 A
ST09 02SCR-01 01cs	Commission System [SCR 2A Bypass Duct and Dampers (02SCR-01 01)]	32	100%	12-08-14 A	01-02-15 A
ST09 02SCR-01 01cs10	Commission System [NEMS System(02SCR-01 01)]	48	100%	01-05-15 A	01-09-15 A
<b>T/O Packs: SCR.02SCR-01.02 SCR 2A Reactor &amp; Inlet Duct</b>					
ST09 02SCR-01 02to	TO System to Start Up [SCR 2A Reactor & Inlet Duct(02SCR-01 02)]	8	100%	10-30-14 A	10-30-14 A
ST09 02SCR-01 02cs	Commission System [SCR 2A Reactor & Inlet Duct(02SCR-01 02)]	16	100%	01-12-15 A	02-06-15 A
<b>T/O Packs: SCR.02SCR-02.01 SCR 2B Bypass Duct and Dampers</b>					
ST09 02SCR-02 01to	TO System to Start Up [SCR 2B Bypass and Dampers (02SCR-02 01)]	16	100%	11-14-14 A	11-14-14 A
ST09 02SCR-02 01cs	Commission System [SCR 2B Bypass and Dampers (02SCR-02 01)]	32	100%	12-08-14 A	01-02-15 A
<b>T/O Packs: SCR.02SCR-02.02 SCR 2B Reactor &amp; Inlet Duct</b>					
ST09 02SCR-02 02to	TO System to Start Up [SCR 2B Reactor & Inlet Duct(02SCR-02 02)]	8	100%	10-30-14 A	10-30-14 A
ST09 02SCR-02 02cs	Commission System [SCR 2B Reactor & Inlet Duct(02SCR-02 02)]	16	100%	12-08-14 A	01-02-15 A
<b>T/O Packs: SCR.00AMS-01.01 Anhydrous Ammonia System</b>					
ST09 00AMS-01 01to	TO System To Start Up [Unit 2 Anhydrous Ammonia Dilution Grid (00AMS-01 01)]	16	100%	10-29-14 A	10-30-14 A
ST09 00AMS-01 01cs	Commission System [Unit 2 Anhydrous Ammonia Dilution Grid (00AMS-01 01)]	8	100%	03-03-15 A	03-03-15 A
<b>T/O Packs: SCR.02AMS-01.01 Unit 2 Anhydrous Ammonia Storage</b>					
ST09 02AMS-01 01to	TO System to Start Up [Anhydrous Ammonia Storage(02AMS-01 01)]	16	100%	10-29-14 A	10-30-14 A
ST09 02AMS-01 01cs	Commission System [Anhydrous Ammonia Storage(02AMS-01 01)]	16	100%	03-03-15 A	03-04-15 A
<b>T/O Packs: LIME Lime Prep T/O Packs</b>					
<b>T/O Packs: LIME.00LSP-01.01 Limestone Slurry Preparation</b>					
ST09 00LSP-01 01to	TO System to Start Up [Limestone Slurry Preparation(00LSP-01 01)]	16	100%	07-08-14 A	07-08-14 A
ST09 00LSP-01 01cs	Commission System [Limestone Slurry Preparation(00LSP-01 01)]	40	100%	11-03-14 A	11-07-14 A
<b>T/O Packs: LIME.00LRS-01.01 Limestone Receiving / Storage</b>					
ST09 00LRS-01 01to	TO System to Start Up [Limestone Receiving/Storage(00LRS-01 01)]	16	100%	10-01-14 A	10-01-14 A
ST09 00LRS-01 01cs	Commission System [Limestone Receiving/Storage(00LRS-01 01)]	40	100%	11-03-14 A	11-07-14 A
<b>T/O Packs: FGD FGD T/O Packs</b>					
<b>T/O Packs: FGD.02FGD-01.01 Unit 2 Fuel Gas Desulfurization</b>					
ST09 02FGD-01 01to	TO System to Start Up [Unit 2 Fuel Gas Desulfurization(02FGD-01 01)]	16	100%	09-04-14 A	09-04-14 A
ST09 02FGD-01 01cs	Commission System [Unit 2 Fuel Gas Desulfurization(02FGD-01 01)]	40	100%	12-01-14 A	12-12-14 A
<b>T/O Packs: FGD.02ARS-01.01 Unit 2 Absorber Recycle System</b>					
ST09 02ARS-01 01pc	TO System to Start Up [Unit 2 Absorber Recycle System(02ARS-01 01)]	16	100%	08-04-14 A	08-04-14 A
ST09 02ARS-01 01cs	Commission System [Unit 2 Absorber Recycle System(02ARS-01 01)]	80	100%	11-24-14 A	12-12-14 A
<b>T/O Packs: FGD.02MEW-01.01 Unit 2 Mist Eliminator Wash Water System</b>					
ST09 02MEW-01 01to	TO System to Start Up [Unit 2 Mist Eliminator Wash Water System(02MEW-01 01)]	16	100%	07-30-14 A	07-30-14 A
ST09 02MEW-01 01cs	Commission System [Unit 2 Mist Eliminator Wash Water System(02MEW-01 01)]	40	100%	11-24-14 A	11-26-14 A
<b>T/O Packs: FGD.02OAS-01.01 Unit 2 Oxidation Air System</b>					
ST09 02OAS-01 01to	TO System to Start Up [Unit 2 Oxidation Air System(02OAS-01 01)]	16	100%	07-30-14 A	07-30-14 A
ST09 02OAS-01 01cs	Commission System [Unit 2 Oxidation Air System(02OAS-01 01)]	40	100%	09-25-14 A	11-26-14 A
<b>T/O Packs: FGD.02ABL-01.01 Unit 2 Absorber Bleed System</b>					
ST09 02ABL-01 01to	TO System to Start Up [Unit 2 Absorber Bleed System(02ABL-01 01)]	16	100%	08-15-14 A	08-15-14 A
ST09 02ABL-01 01cs	Commission System [Unit 2 Absorber Bleed System(02ABL-01 01)]	40	100%	11-24-14 A	11-26-14 A
<b>T/O Packs: FGD.00OAS-01.01 Oxidation Air System</b>					
ST09 00OAS-01 01to	TO System to Start Up [Oxidation Air System - 00OAS-01 01]	8	100%	07-30-14 A	07-30-14 A
ST09 00OAS-01 01cs	Commission System [Oxidation Air System - 00OAS-01 01]	40	100%	11-24-14 A	03-06-15 A
<b>T/O Packs: GYP Gypsum T/O Packs</b>					
<b>T/O Packs: GYP.02GDS-01.01 Unit 2 Gypsum Dewatering System</b>					
ST09 02GDS-01 01to	TO System to Start Up [Unit 2 Gypsum Dewatering System(02GDS-01 01)]	16	100%	08-07-14 A	08-07-14 A
ST09 02GDS-01 01cs	Commission System [Unit 2 Gypsum Dewatering System(02GDS-01 01)]	40	100%	12-08-14 A	12-12-14 A
<b>T/O Packs: GYP.00GHS-01.01 Gypsum Handling</b>					
ST09 00GHS-01 01to	TO System to Start Up [Gypsum Handling (Conveyor)(00GHS-01 01)]	8	100%	11-13-14 A	11-13-14 A
ST09 00GHS-01 01cs	Commission System [Gypsum Handling (Conveyor)(00GHS-01 01)]	40	100%	12-08-14 A	12-12-14 A
<b>T/O Packs: GYP.00GDS-01.01 Gypsum Dewatering System</b>					
ST09 00GDS-01 01to	TO System to Start Up [Gypsum Dewatering System(00GDS-01 01)]	8	100%	10-23-14 A	10-23-14 A
ST09 00GDS-01 01cs	Commission System [Gypsum Dewatering System(00GDS-01 01)]	40	100%	12-08-14 A	12-12-14 A
<b>T/O Packs: OUT Outage T/O Packs</b>					
<b>T/O Packs: OUT.00WTS-01.01 Water Treatment Chem Feed</b>					
ST09 00WTS-01 01to	TO System to Start Up [Water Treatment Chem Feed(00WTS-01 01)]	16	100%	07-17-14 A	07-17-14 A
ST09 00WTS-01 01cs	Commission System [Water Treatment Chem Feed(00WTS-01 01)]	16	100%	07-28-14 A	08-01-14 A
<b>T/O Packs: OUT.02SRS-01.01 Unit 2 SO3 Sorbent System</b>					
ST09 02SRS-01 01to	TO System to Start Up [Unit 2 SO3 Sorbent System(02SRS-01 01)]	8	100%	12-18-14 A	12-18-14 A
ST09 02SRS-01 01cs	Commission System [Unit 2 SO3 Sorbent System(02SRS-01 01)]	16	100%	03-16-15 A	03-18-15 A
<b>T/O Packs: OUT.02MRS-01.01 Unit 2 Mercury Removal System</b>					
ST09 02MRS-01 01to	TO System to Start Up [Unit 2 Mercury Removal System(02MRS-01 01)]	16	100%	12-03-14 A	12-03-14 A
ST09 02MRS-01 01cs	Commission System [Unit 2 Mercury Removal System(02MRS-01 01)]	16	100%	03-09-15 A	03-18-15 A
<b>T/O Packs: OUT.02IDF-01.03 Unit 2 Flue Gas Duct and Outage Tie-Ins</b>					
ST09 02IDF-01 03to10	TO System to Start Up [Unit 2 Flue Gas Duct and Outage Tie-Ins(02IDF-01 03)]	16	100%	11-10-14 A	11-10-14 A



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ST09.02DF-01.03n10	Instrumentation Pre-Comm Checks [Unit 2 Flue Gas Duct and Outage Tie-Ins(02DF-01.03)]	80	100%	11-24-14 A	11-26-14 A
ST09.02DF-01.03mc10	Mechanical Equip Pre-Comm Checks [Unit 2 Flue Gas Duct and Outage Tie-Ins(02DF-01.03)]	24	100%	11-24-14 A	11-26-14 A
ST09.02DF-01.03el10	Electrical Equip Pre-Comm Checks [Unit 2 Flue Gas Duct and Outage Tie-Ins(02DF-01.03)]	24	100%	11-24-14 A	11-26-14 A
<b>T/O Packs: OUT.02SRS-01.02 Unit 2 Tie Ins/ Outage</b>					
ST09.02SRS-01.02to	TO System to Start Up [Unit 2 SO3 Sorbent System/Outage Tie-Ins(02SRS-01.02)]	8	100%	12-18-14 A	12-18-14 A
ST09.02SRS-01.02cs	Commission System [Unit 2 SO3 Sorbent System/Outage Tie-Ins(02SRS-01.02)]	16	100%	03-16-15 A	03-18-15 A
<b>T/O Packs: OUT.02CEMS-01.01 Unit 2 CEMS</b>					
ST09.02CEM-01.01to	TO System to Start Up [Unit 2 CEMS(02CEM-01.01)]	16	100%	12-03-14 A	12-03-14 A
ST09.02CEM-01.01ct	Certification Testing [Unit 2 CEMS(02CEM-01.01)]	56	100%	12-08-14 A	12-12-14 A
<b>T/O Packs: OUT.02MRS-01.02 Unit 2 Tie Ins / Outage (MRS)</b>					
ST09.02MRS-01.02to20	TO System to Start Up [Mercury Removal Unit 1 Outage Tie-Ins(02MRS-01.02)]	16	100%	12-18-14 A	12-19-14 A
ST09.02MRS-01.02el10	Electrical Equip Pre-Comm Checks [Mercury Removal Unit 2 Outage Tie-Ins(02MRS-01.02)]	8	100%	02-26-15 A	02-26-15 A
ST09.02MRS-01.02n10	Instrumentation Pre-Comm Checks [Mercury Removal Unit 2 Outage Tie-Ins(02MRS-01.02)]	8	100%	01-19-15 A	03-06-15 A
ST09.02MRS-01.02mc10	Mechanical Equip Pre-Comm Checks [Mercury Removal Unit 2 Outage Tie-Ins(02MRS-01.02)]	8	100%	01-26-15 A	03-06-15 A
<b>T/O Packs: OUT.02CMY-01.01 Unit 2 Chimney</b>					
ST09.02CMY-01.01to	TO System to Start Up [Unit 2 Chimney (02CMY-01.01)]	16	100%	06-25-14 A	06-25-14 A
ST09.02CMY-01.01in	Instrumentation Pre-Comm Checks [Unit 2 Chimney (02CMY-01.01)]	8	100%	07-14-14 A	07-14-14 A
ST09.02CMY-01.01mc	Mechanical Equip Pre-Comm Checks [Unit 2 Chimney (02CMY-01.01)]	8	100%	07-14-14 A	07-14-14 A
ST09.02CMY-01.01el	Electrical Equip Pre-Comm Checks [Unit 2 Chimney (02CMY-01.01)]	8	100%	07-14-14 A	07-14-14 A

## **Attachment C. Continuous Emission Monitoring Verification**



# Relative Accuracy Determination

Test Performed For:  
 KCP&L  
 LaCygne  
 Unit 2  
 RATA  
 Date:2/23/15

Test Performed By:  
 C.E.M. Solutions, Inc.  
 Source Test Team  
 8196 Nieman Road  
 Lenexa, Ks 66214

Run Number	Date of Run	Start Time	Stop Time	Unit Load MW	CO2 RM DRY % V/V	CO2 CEM DRY % V/V	CO2 Difference Like % V/V
Run Not Used	23-Feb	11:49:30	12:10:30	680	10.0	10.6	-0.6
Run 2	23-Feb	13:00:45	13:21:45	680	10.2	10.6	-0.4
Run 3	23-Feb	15:06:15	15:27:15	680	10.4	10.6	-0.2
Run 4	23-Feb	15:50:30	16:11:30	680	10.3	10.6	-0.3
Run 5	23-Feb	16:37:15	16:58:15	680	10.5	10.6	-0.1
Run 6	23-Feb	17:21:30	17:42:30	680	10.6	10.6	0.0
Run 7	26-Feb	11:58:30	12:19:30	680	10.6	10.6	0.0
Run 8	26-Feb	12:43:30	13:04:30	680	10.6	10.7	-0.1
Run 9	26-Feb	13:27:15	13:48:15	680	10.5	10.7	-0.2
Run 10	26-Feb	14:12:45	14:33:45	680	10.6	10.7	-0.1
Run 11	26-Feb	14:58:00	15:19:00	680	10.4	10.7	-0.3
Average:				680	10.5 %	10.6 %	-0.2 %

**Bias Test (pass/fail): Passed**  
**Bias Adjustment Factor: 1.000**  
**Method of RA Determination: Part 75, Average RM Value**

Standard Deviation: 0.1337  
 Confidence Coefficient: 0.0957  
 T-Factor: 2.262  
 Number of runs Reported: 10

**Relative Accuracy: 2.5**  
 Maximum RA 10.0  
**RA Status Passed**



## Relative Accuracy Determination

Test Performed For:  
 KCP&L  
 LaCygne  
 Unit 2  
 RATA  
 Date:2/23/15

Test Performed By:  
 C.E.M. Solutions, Inc.  
 Source Test Team  
 8196 Nieman Road  
 Lenexa, Ks 66214

Run Number	Date of Run	Start Time	Stop Time	Unit Load MW	NOx RM DRY ppm	NOx CEM DRY ppm	Difference Like ppm
Run 1	23-Feb	11:49:30	12:10:30	680	42.2	44.1	-1.9
Run 2	23-Feb	13:00:45	13:21:45	680	42.5	43.9	-1.4
Run 3	23-Feb	15:06:15	15:27:15	680	44.0	45.0	-1.0
Run 4	23-Feb	15:50:30	16:11:30	680	41.1	43.4	-2.3
Run 5	23-Feb	16:37:15	16:58:15	680	41.1	42.8	-1.7
Run 6	23-Feb	17:21:30	17:42:30	680	39.4	41.4	-2.0
Run 7	26-Feb	11:58:30	12:19:30	680	45.4	47.0	-1.6
Run 8	26-Feb	12:43:30	13:04:30	680	44.7	46.9	-2.2
Run 9	26-Feb	13:27:15	13:48:15	680	45.0	47.6	-2.6
Run 10	26-Feb	14:12:45	14:33:45	680	43.7	45.7	-2.0
Run 11	26-Feb	14:58:00	15:19:00	680	46.7	48.9	-2.2
Average:				680	43.3 ppm	45.2 ppm	-1.9 ppm

**Bias Test (pass/fail): Passed**  
**Bias Adjustment Factor: 1.000**  
**Method of RA Determination: Part 75, Standard Emitter**

Standard Deviation: 0.4517  
 Confidence Coefficient: 0.3034  
 T-Factor: 2.228  
 Number of runs Reported: 11

**Relative Accuracy: 5.094**  
 Maximum RA 10.00  
**RA Status Passed**



## Relative Accuracy Determination

Test Performed For:  
 KCP&L  
 LaCygne  
 Unit 2  
 RATA  
 Date:2/23/15

Test Performed By:  
 C.E.M. Solutions, Inc.  
 Source Test Team  
 8196 Nieman Road  
 Lenexa, Ks 66214

Run Number	Date of Run	Start Time	Stop Time	Unit Load MW	SO <sub>2</sub> RM DRY ppm	SO <sub>2</sub> CEM DRY ppm	Difference Like ppm
Run 1	23-Feb	11:49:30	12:10:30	680	-0.6	1.9	-2.5
Run 2	23-Feb	13:00:45	13:21:45	680	-0.4	1.4	-1.8
Run 3	23-Feb	15:06:15	15:27:15	680	0.5	3.8	-3.3
Run 4	23-Feb	15:50:30	16:11:30	680	-0.1	3.2	-3.3
Run 5	23-Feb	16:37:15	16:58:15	680	-0.1	2.9	-3.0
Run 6	23-Feb	17:21:30	17:42:30	680	1.4	2.7	-1.3
Run 7	26-Feb	11:58:30	12:19:30	680	2.1	4.8	-2.7
Run 8	26-Feb	12:43:30	13:04:30	680	2.9	4.9	-2.0
Run 9	26-Feb	13:27:15	13:48:15	680	2.9	4.8	-1.9
Run 10	26-Feb	14:12:45	14:33:45	680	1.6	4.7	-3.1
Run 11	26-Feb	14:58:00	15:19:00	680	1.4	4.4	-3.0
Average:				680	1.1 ppm	3.6 ppm	-2.5 ppm

**Bias Test (pass/fail): Low Emitter-Passed**  
**Bias Adjustment Factor: 1.000**  
**Method of RA Determination: Part 75, Low Emitter**

Standard Deviation: 0.6860  
 Confidence Coefficient: 0.4608  
 T-Factor: 2.228  
 Number of runs Reported: 11

**Relative Accuracy: 2.536**  
 Maximum RA 15.00  
**RA Status Passed**



# Relative Accuracy Determination

Test Performed For:  
 KCP&L  
 LaCygne  
 Unit 2  
 RATA  
 Date:2/23/15

Test Performed By:  
 C.E.M. Solutions, Inc.  
 Source Test Team  
 8196 Nieman Road  
 Lenexa, Ks 66214

Run Number	Date of Run	Start Time	Stop Time	Unit Load MW	NO <sub>x</sub> RM lbs/mmBtu	CEM lbs/mmBtu	Difference Like lbs/mmBtu
Run Not Used	23-Feb	11:49:30	12:10:30	680	0.093	0.091	0.002
Run 2	23-Feb	13:00:45	13:21:45	680	0.092	0.091	0.001
Run 3	23-Feb	15:06:15	15:27:15	680	0.093	0.093	0.000
Run 4	23-Feb	15:50:30	16:11:30	680	0.088	0.090	-0.002
Run 5	23-Feb	16:37:15	16:58:15	680	0.086	0.089	-0.003
Run 6	23-Feb	17:21:30	17:42:30	680	0.082	0.086	-0.004
Run 7	26-Feb	11:58:30	12:19:30	680	0.094	0.097	-0.003
Run 8	26-Feb	12:43:30	13:04:30	680	0.093	0.096	-0.003
Run 9	26-Feb	13:27:15	13:48:15	680	0.094	0.098	-0.004
Run 10	26-Feb	14:12:45	14:33:45	680	0.091	0.094	-0.003
Run 11	26-Feb	14:58:00	15:19:00	680	0.099	0.100	-0.001
Average:				680	0.091	0.093	-0.002 lbs/mmBtu

**Bias Test (pass/fail): Passed**  
**Bias Adjustment Factor: 1.000**  
**Method of RA Determination: Part 75, Standard Emitter**

Standard Deviation: 0.0017  
 Confidence Coefficient: 0.0012  
 T-Factor: 2.262  
 Number of runs Reported: 10

Note:  
 All ppm values are corrected to lbs/mmBtu NO<sub>x</sub>  
 using RM CO2 and CEM CO2 as diluents

**Relative Accuracy: 3.735**  
 Maximum RA 10.00  
**RA Status Passed**

March 6, 2015

Rick L. Lausman, P.E.  
Air Quality Control Engineer  
B&V Energy  
11401 Lamar Avenue  
Overland Park, KS 66211

Subject: Emission Test Results for Kansas City Power & Light LaCygne Unit 2  
Burns & McDonnell Project # 83342

Dear Mr. Lausman:

On February 19, 2015 Burns & McDonnell personnel performed emissions testing at the exhaust stack location of Kansas City Power & Light (KCP&L) LaCygne Unit 2. The parameters tested included total particulate matter (PM<sub>10</sub>), sulfur dioxide (SO<sub>2</sub>) and oxides of nitrogen (NO<sub>x</sub>). The Unit was tested while operating at full load.

### **Scope of Work**

Burns & McDonnell personnel performed emissions testing utilizing United States Environmental Protection Agency (USEPA) Methods 1, 2, 3A, 4, 5 (modified for MATS), 6C, 7E and 202 for the determination of sampling points, volumetric flow, oxygen and carbon dioxide, moisture content, filterable particulate matter, sulfur dioxide, oxides of nitrogen and condensable particulate matter, respectively.

### **Results**

All test results reflect measurements conducted during the specified test period. The certified facility continuous emission monitoring system (CEMS) carbon dioxide (CO<sub>2</sub>) values were used to calculate the particulate emissions. The results of the particulate emission tests are presented in Table 1.

Table 1 Particulate Matter Emissions Summary KCP&L LaCygne – Unit 2 February 19, 2015					
Run I.D.	Start Time	End Time	Filterable Particulate Matter (lb/mmBtu)	Condensable Particulate Matter (lb/mmBtu)	Total Particulate Matter (lb/mmBtu)
1	11:01	13:19	0.00082	0.00437	0.00519
2	14:05	16:17	0.00544	0.00309	0.00853
3	17:00	19:12	0.00163	0.00243	0.00406

The results of the sulfur dioxide (SO<sub>2</sub>) emission tests are presented in Table 2.

Table 2 SO <sub>2</sub> Emissions Summary KCP&L LaCygne – Unit 2 February 19, 2015						
Run I.D.	Start Time	End Time	SO <sub>2</sub> (ppmvw)	SO <sub>2</sub> (ppmvd)	SO <sub>2</sub> (lb/hr)	SO <sub>2</sub> (lb/mmBtu)
1	15:21	16:20	0.74	0.86	14.40	0.00170
2	17:19	18:18	0.94	1.09	17.79	0.00213
3	18:19	19:08	0.80	0.93	15.14	0.00181

The results of the oxides of nitrogen (NO<sub>x</sub>) emission tests are presented in Table 3.

Table 3 NO <sub>x</sub> Emissions Summary KCP&L LaCygne – Unit 2 February 19, 2015						
Run I.D.	Start Time	End Time	NO <sub>x</sub> (ppmvw)	NO <sub>x</sub> (ppmvd)	NO <sub>x</sub> (lb/hr)	NO <sub>x</sub> (lb/mmBtu)
1	15:21	16:20	103.61	120.20	1444.74	0.17013
2	17:19	18:18	114.34	132.97	1561.04	0.18706
3	18:19	19:08	114.75	133.45	1565.96	0.18705

Copies of the field data sheets, electronic data reduction spreadsheets, analytical reports, example calculations, equipment calibration records, CEMS data and the facility CEMS/load data are included as attachments.





We appreciate the opportunity to provide our source testing services, and look forward to working with you in the future on other projects. Should you have any questions, please do not hesitate to contact me at 314-578-0668, or contact me by email at [napichee@burnsmcd.com](mailto:napichee@burnsmcd.com).

Sincerely,

Burns & McDonnell

A handwritten signature in black ink, appearing to read "Nicholas A. Pichee".

Nicholas A. Pichee, QSTI  
Environmental Specialist

A handwritten signature in black ink, appearing to read "Franklin M. Stevens".

Franklin M. Stevens, QSTI  
Section Manager

- Attachment 1 - Field Datasheets
- Attachment 2 - Electronic Data Reduction Spreadsheets
- Attachment 3 - Analytical Reports
- Attachment 4 - Example Calculations
- Attachment 5 - Equipment Calibration Records
- Attachment 6 - CEMS Data
- Attachment 7 - Facility CEMS/Load Data

Determination of Total PM to Filterable PM Correlation Factor  
 Particulate Matter Emissions Summary  
 KCP&L LaCygne -Unit 2  
 February 19,2015

Run I.D.	Start Time	End Time	Filterable Particulate Matter (lb/mmBtu)	Condensable Particulate Matter (lb/mmBtu)	Total Particulate Matter (lb/mmBtu)
1	11:01	13:19	0.00082	0.00437	0.00519
2	14:05	16:17	0.00544	0.00309	0.00853
3	17:00	19:12	0.00163	0.00243	0.00406
3 Test Total			0.00789	0.00989	0.01778

Determine CF from combined totals

$$\frac{0.01778}{0.00789} =$$

Correlation  
Factor  
2.25

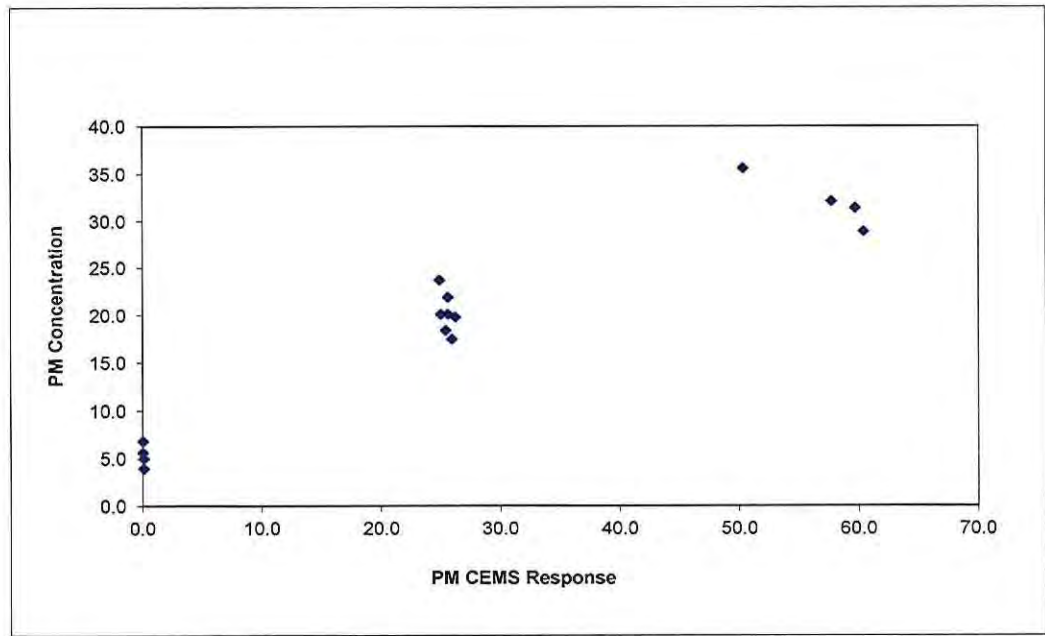
**CORRELATION TEST PM CEMS AND REFERENCE METHOD TEST DATA**

Run	PM CEMS concentration	
	response x	mg/acm y
1		
2		
3		
4	57.7	32.1
5	60.4	28.9
6	50.3	35.6
7	59.7	31.4
8	25.4	18.4
9	25.9	17.5
10	25.0	20.1
11	25.6	21.9
12	24.9	23.7
13	26.2	19.8
14	25.6	20.1
15		
16	0.0	5.6
17		
18	0.0	6.8
19	0.1	4.0
20	0.1	5.0

Facility: La Cygne Unit 2  
 Location: La Cygne, KS  
 Emission Unit: Unit 2  
 Test Dates: March 18-20, 2015

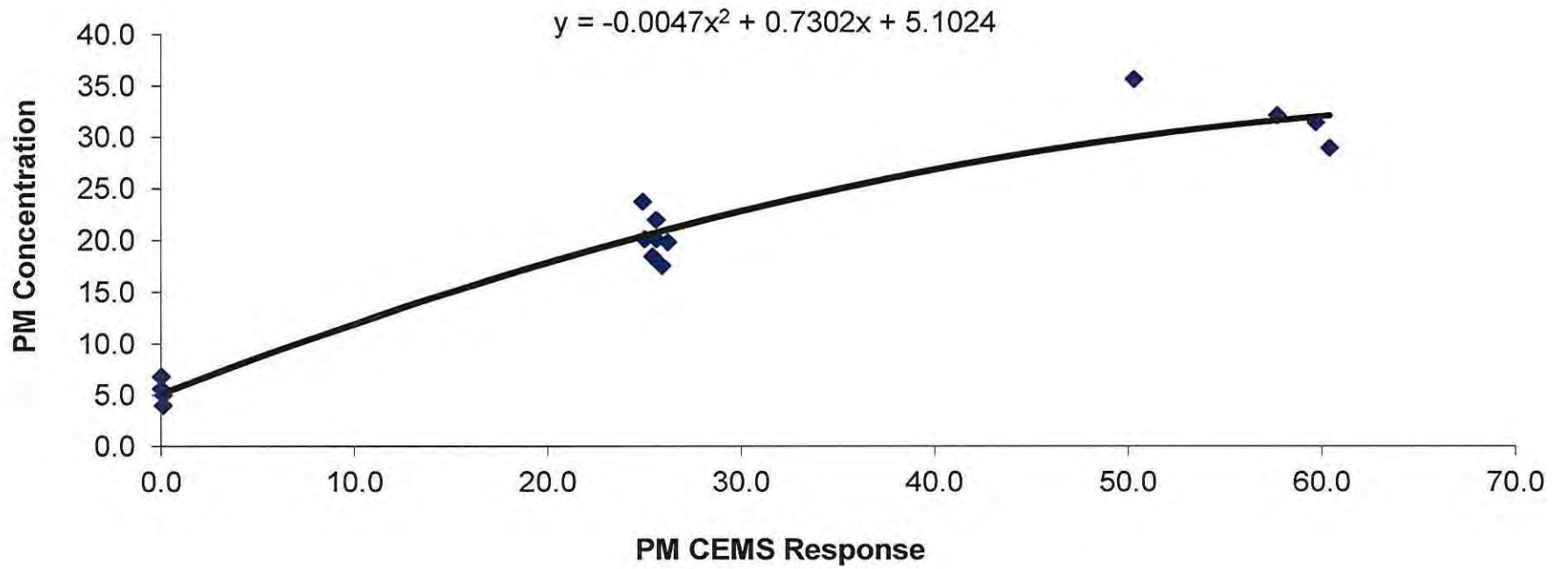
PS-11 Correlation Test  
 Calculation Spreadsheet  
 Version 2-6 10/25/04

Emission limit: Value 25 Units mg/acm





### Plot of Polynomial Regression Curve



# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, Mwe 1 Minute(s)
02/19/2015 11:01	655.7
02/19/2015 11:02	655.7
02/19/2015 11:03	655.5
02/19/2015 11:04	655.2
02/19/2015 11:05	654.8
02/19/2015 11:06	654.7
02/19/2015 11:07	654.7
02/19/2015 11:08	654.6
02/19/2015 11:09	654.3
02/19/2015 11:10	654.1
02/19/2015 11:11	653.8
02/19/2015 11:12	654.2
02/19/2015 11:13	654.5
02/19/2015 11:14	655.1
02/19/2015 11:15	655.5
02/19/2015 11:16	655.4
02/19/2015 11:17	655.1
02/19/2015 11:18	655.1
02/19/2015 11:19	655.6
02/19/2015 11:20	654.6
02/19/2015 11:21	654.7
02/19/2015 11:22	654.0
02/19/2015 11:23	654.5
02/19/2015 11:24	654.3
02/19/2015 11:25	654.8
02/19/2015 11:26	654.7
02/19/2015 11:27	655.1
02/19/2015 11:28	654.7
02/19/2015 11:29	654.5
02/19/2015 11:30	654.7
02/19/2015 11:31	654.6
02/19/2015 11:32	656.2
02/19/2015 11:33	656.4
02/19/2015 11:34	656.0

# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01 To: 02/19/2015 19:00  
Generated: 02/23/2015 17:27

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 11:35	657.0
02/19/2015 11:36	656.6
02/19/2015 11:37	656.1
02/19/2015 11:38	655.2
02/19/2015 11:39	654.6
02/19/2015 11:40	655.0
02/19/2015 11:41	654.9
02/19/2015 11:42	655.1
02/19/2015 11:43	654.6
02/19/2015 11:44	654.2
02/19/2015 11:45	654.5
02/19/2015 11:46	654.3
02/19/2015 11:47	653.9
02/19/2015 11:48	653.6
02/19/2015 11:49	653.5
02/19/2015 11:50	653.6
02/19/2015 11:51	654.0
02/19/2015 11:52	654.4
02/19/2015 11:53	654.6
02/19/2015 11:54	655.2
02/19/2015 11:55	655.0
02/19/2015 11:56	655.2
02/19/2015 11:57	654.8
02/19/2015 11:58	654.6
02/19/2015 11:59	654.4
02/19/2015 12:00	654.1
02/19/2015 12:01	654.5
02/19/2015 12:02	654.6
02/19/2015 12:03	655.6
02/19/2015 12:04	655.9
02/19/2015 12:05	655.9
02/19/2015 12:06	655.9
02/19/2015 12:07	655.7
02/19/2015 12:08	654.5



# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, Mwe 1 Minute(s)
02/19/2015 12:09	655.1
02/19/2015 12:10	655.2
02/19/2015 12:11	655.1
02/19/2015 12:12	655.3
02/19/2015 12:13	654.8
02/19/2015 12:14	655.4
02/19/2015 12:15	655.0
02/19/2015 12:16	654.9
02/19/2015 12:17	655.0
02/19/2015 12:18	655.2
02/19/2015 12:19	655.4
02/19/2015 12:20	655.8
02/19/2015 12:21	656.0
02/19/2015 12:22	655.3
02/19/2015 12:23	655.4
02/19/2015 12:24	654.8
02/19/2015 12:25	654.8
02/19/2015 12:26	655.0
02/19/2015 12:27	654.8
02/19/2015 12:28	654.8
02/19/2015 12:29	654.6
02/19/2015 12:30	654.5
02/19/2015 12:31	654.6
02/19/2015 12:32	654.5
02/19/2015 12:33	654.3
02/19/2015 12:34	653.9
02/19/2015 12:35	653.3
02/19/2015 12:36	653.9
02/19/2015 12:37	654.6
02/19/2015 12:38	655.1
02/19/2015 12:39	655.9
02/19/2015 12:40	656.2
02/19/2015 12:41	656.3
02/19/2015 12:42	655.7

# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 12:43	655.5
02/19/2015 12:44	655.3
02/19/2015 12:45	654.9
02/19/2015 12:46	654.6
02/19/2015 12:47	654.5
02/19/2015 12:48	654.5
02/19/2015 12:49	654.5
02/19/2015 12:50	654.2
02/19/2015 12:51	654.3
02/19/2015 12:52	654.1
02/19/2015 12:53	654.8
02/19/2015 12:54	655.8
02/19/2015 12:55	655.8
02/19/2015 12:56	655.7
02/19/2015 12:57	655.3
02/19/2015 12:58	655.2
02/19/2015 12:59	655.1
02/19/2015 13:00	655.5
02/19/2015 13:01	656.3
02/19/2015 13:02	655.3
02/19/2015 13:03	655.0
02/19/2015 13:04	654.6
02/19/2015 13:05	654.3
02/19/2015 13:06	653.9
02/19/2015 13:07	653.4
02/19/2015 13:08	653.6
02/19/2015 13:09	653.7
02/19/2015 13:10	653.8
02/19/2015 13:11	654.0
02/19/2015 13:12	654.0
02/19/2015 13:13	654.0
02/19/2015 13:14	654.7
02/19/2015 13:15	655.2
02/19/2015 13:16	655.5

# CEMS Minute Data

## Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, Mwe 1 Minute(s)
02/19/2015 13:17	655.6
02/19/2015 13:18	655.8
02/19/2015 13:19	655.9
02/19/2015 13:20	655.9
02/19/2015 13:21	655.9
02/19/2015 13:22	655.7
02/19/2015 13:23	655.7
02/19/2015 13:24	655.5
02/19/2015 13:25	654.9
02/19/2015 13:26	654.5
02/19/2015 13:27	654.7
02/19/2015 13:28	655.5
02/19/2015 13:29	655.5
02/19/2015 13:30	655.4
02/19/2015 13:31	654.9
02/19/2015 13:32	654.5
02/19/2015 13:33	655.4
02/19/2015 13:34	655.0
02/19/2015 13:35	655.3
02/19/2015 13:36	654.8
02/19/2015 13:37	654.4
02/19/2015 13:38	654.3
02/19/2015 13:39	654.8
02/19/2015 13:40	655.1
02/19/2015 13:41	655.2
02/19/2015 13:42	655.3
02/19/2015 13:43	656.1
02/19/2015 13:44	656.1
02/19/2015 13:45	655.8
02/19/2015 13:46	655.9
02/19/2015 13:47	656.1
02/19/2015 13:48	655.7
02/19/2015 13:49	655.7
02/19/2015 13:50	655.1



# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 13:51	654.7
02/19/2015 13:52	655.8
02/19/2015 13:53	655.8
02/19/2015 13:54	655.3
02/19/2015 13:55	654.2
02/19/2015 13:56	653.4
02/19/2015 13:57	652.2
02/19/2015 13:58	651.1
02/19/2015 13:59	652.0
02/19/2015 14:00	653.5
02/19/2015 14:01	655.4
02/19/2015 14:02	657.9
02/19/2015 14:03	656.7
02/19/2015 14:04	655.2
02/19/2015 14:05	654.5
02/19/2015 14:06	653.2
02/19/2015 14:07	653.2
02/19/2015 14:08	653.0
02/19/2015 14:09	653.6
02/19/2015 14:10	654.5
02/19/2015 14:11	655.5
02/19/2015 14:12	655.7
02/19/2015 14:13	656.4
02/19/2015 14:14	655.8
02/19/2015 14:15	655.1
02/19/2015 14:16	654.9
02/19/2015 14:17	655.0
02/19/2015 14:18	654.8
02/19/2015 14:19	654.9
02/19/2015 14:20	655.7
02/19/2015 14:21	656.5
02/19/2015 14:22	657.0
02/19/2015 14:23	657.3
02/19/2015 14:24	657.3

# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 14:25	656.8
02/19/2015 14:26	656.0
02/19/2015 14:27	654.8
02/19/2015 14:28	654.5
02/19/2015 14:29	654.4
02/19/2015 14:30	653.5
02/19/2015 14:31	653.3
02/19/2015 14:32	654.3
02/19/2015 14:33	654.2
02/19/2015 14:34	654.9
02/19/2015 14:35	654.6
02/19/2015 14:36	653.9
02/19/2015 14:37	654.1
02/19/2015 14:38	654.8
02/19/2015 14:39	655.2
02/19/2015 14:40	655.4
02/19/2015 14:41	655.5
02/19/2015 14:42	655.3
02/19/2015 14:43	655.3
02/19/2015 14:44	655.5
02/19/2015 14:45	655.7
02/19/2015 14:46	655.1
02/19/2015 14:47	655.4
02/19/2015 14:48	655.0
02/19/2015 14:49	655.7
02/19/2015 14:50	656.1
02/19/2015 14:51	655.4
02/19/2015 14:52	655.0
02/19/2015 14:53	654.7
02/19/2015 14:54	654.5
02/19/2015 14:55	654.7
02/19/2015 14:56	654.6
02/19/2015 14:57	654.5
02/19/2015 14:58	654.3

# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 14:59	654.4
02/19/2015 15:00	654.4
02/19/2015 15:01	654.4
02/19/2015 15:02	654.4
02/19/2015 15:03	654.3
02/19/2015 15:04	654.3
02/19/2015 15:05	654.7
02/19/2015 15:06	654.9
02/19/2015 15:07	654.4
02/19/2015 15:08	654.7
02/19/2015 15:09	654.5
02/19/2015 15:10	655.0
02/19/2015 15:11	654.9
02/19/2015 15:12	654.8
02/19/2015 15:13	655.0
02/19/2015 15:14	655.3
02/19/2015 15:15	655.4
02/19/2015 15:16	655.9
02/19/2015 15:17	655.3
02/19/2015 15:18	654.3
02/19/2015 15:19	654.2
02/19/2015 15:20	655.0
02/19/2015 15:21	655.6
02/19/2015 15:22	656.5
02/19/2015 15:23	656.3
02/19/2015 15:24	656.5
02/19/2015 15:25	656.5
02/19/2015 15:26	655.8
02/19/2015 15:27	655.1
02/19/2015 15:28	654.6
02/19/2015 15:29	653.4
02/19/2015 15:30	654.2
02/19/2015 15:31	654.9
02/19/2015 15:32	655.3

# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, Mwe 1 Minute(s)
02/19/2015 15:33	655.7
02/19/2015 15:34	655.2
02/19/2015 15:35	655.2
02/19/2015 15:36	655.1
02/19/2015 15:37	654.8
02/19/2015 15:38	654.2
02/19/2015 15:39	654.1
02/19/2015 15:40	654.2
02/19/2015 15:41	653.9
02/19/2015 15:42	654.3
02/19/2015 15:43	654.4
02/19/2015 15:44	655.0
02/19/2015 15:45	654.9
02/19/2015 15:46	654.6
02/19/2015 15:47	654.6
02/19/2015 15:48	654.9
02/19/2015 15:49	654.9
02/19/2015 15:50	655.1
02/19/2015 15:51	655.1
02/19/2015 15:52	655.1
02/19/2015 15:53	654.8
02/19/2015 15:54	654.4
02/19/2015 15:55	654.4
02/19/2015 15:56	655.0
02/19/2015 15:57	655.5
02/19/2015 15:58	655.8
02/19/2015 15:59	655.4
02/19/2015 16:00	654.7
02/19/2015 16:01	655.8
02/19/2015 16:02	655.7
02/19/2015 16:03	655.5
02/19/2015 16:04	654.9
02/19/2015 16:05	654.7
02/19/2015 16:06	654.6



# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 16:07	654.3
02/19/2015 16:08	653.9
02/19/2015 16:09	654.2
02/19/2015 16:10	654.8
02/19/2015 16:11	654.5
02/19/2015 16:12	654.6
02/19/2015 16:13	654.5
02/19/2015 16:14	654.7
02/19/2015 16:15	654.9
02/19/2015 16:16	655.3
02/19/2015 16:17	655.1
02/19/2015 16:18	655.3
02/19/2015 16:19	655.4
02/19/2015 16:20	655.7
02/19/2015 16:21	655.6
02/19/2015 16:22	654.9
02/19/2015 16:23	654.8
02/19/2015 16:24	655.2
02/19/2015 16:25	655.3
02/19/2015 16:26	655.3
02/19/2015 16:27	655.0
02/19/2015 16:28	654.8
02/19/2015 16:29	654.7
02/19/2015 16:30	655.4
02/19/2015 16:31	655.1
02/19/2015 16:32	655.4
02/19/2015 16:33	655.5
02/19/2015 16:34	655.6
02/19/2015 16:35	655.5
02/19/2015 16:36	655.9
02/19/2015 16:37	656.0
02/19/2015 16:38	655.7
02/19/2015 16:39	654.7
02/19/2015 16:40	653.5

# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, Mwe 1 Minute(s)
02/19/2015 16:41	653.5
02/19/2015 16:42	653.8
02/19/2015 16:43	655.8
02/19/2015 16:44	656.6
02/19/2015 16:45	656.9
02/19/2015 16:46	656.7
02/19/2015 16:47	656.3
02/19/2015 16:48	655.2
02/19/2015 16:49	654.9
02/19/2015 16:50	654.6
02/19/2015 16:51	654.8
02/19/2015 16:52	654.6
02/19/2015 16:53	655.2
02/19/2015 16:54	655.3
02/19/2015 16:55	655.8
02/19/2015 16:56	655.1
02/19/2015 16:57	653.6
02/19/2015 16:58	652.6
02/19/2015 16:59	652.0
02/19/2015 17:00	650.4
02/19/2015 17:01	651.3
02/19/2015 17:02	653.9
02/19/2015 17:03	654.5
02/19/2015 17:04	655.3
02/19/2015 17:05	655.9
02/19/2015 17:06	656.6
02/19/2015 17:07	656.3
02/19/2015 17:08	656.5
02/19/2015 17:09	655.6
02/19/2015 17:10	655.6
02/19/2015 17:11	655.6
02/19/2015 17:12	656.2
02/19/2015 17:13	656.8
02/19/2015 17:14	656.5

# CEMS Minute Data

## Unit 2



From: 02/19/2015 11:01 To: 02/19/2015 19:00  
Generated: 02/23/2015 17:27

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 17:15	655.8
02/19/2015 17:16	655.0
02/19/2015 17:17	654.1
02/19/2015 17:18	655.0
02/19/2015 17:19	654.9
02/19/2015 17:20	655.3
02/19/2015 17:21	655.6
02/19/2015 17:22	655.9
02/19/2015 17:23	655.5
02/19/2015 17:24	655.3
02/19/2015 17:25	653.8
02/19/2015 17:26	652.4
02/19/2015 17:27	652.7
02/19/2015 17:28	652.7
02/19/2015 17:29	653.7
02/19/2015 17:30	654.3
02/19/2015 17:31	654.9
02/19/2015 17:32	654.7
02/19/2015 17:33	655.1
02/19/2015 17:34	655.9
02/19/2015 17:35	656.7
02/19/2015 17:36	657.3
02/19/2015 17:37	657.0
02/19/2015 17:38	656.8
02/19/2015 17:39	655.9
02/19/2015 17:40	655.3
02/19/2015 17:41	654.8
02/19/2015 17:42	655.1
02/19/2015 17:43	654.5
02/19/2015 17:44	654.9
02/19/2015 17:45	654.8
02/19/2015 17:46	653.9
02/19/2015 17:47	653.9
02/19/2015 17:48	653.6

# CEMS Minute Data

## Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, Mwe 1 Minute(s)
02/19/2015 17:49	653.7
02/19/2015 17:50	653.9
02/19/2015 17:51	653.9
02/19/2015 17:52	654.7
02/19/2015 17:53	655.8
02/19/2015 17:54	655.2
02/19/2015 17:55	654.8
02/19/2015 17:56	654.7
02/19/2015 17:57	654.9
02/19/2015 17:58	655.0
02/19/2015 17:59	655.4
02/19/2015 18:00	654.9
02/19/2015 18:01	654.7
02/19/2015 18:02	655.0
02/19/2015 18:03	655.0
02/19/2015 18:04	655.2
02/19/2015 18:05	655.1
02/19/2015 18:06	654.6
02/19/2015 18:07	654.6
02/19/2015 18:08	655.0
02/19/2015 18:09	654.6
02/19/2015 18:10	655.2
02/19/2015 18:11	654.8
02/19/2015 18:12	654.8
02/19/2015 18:13	653.9
02/19/2015 18:14	653.9
02/19/2015 18:15	654.8
02/19/2015 18:16	654.8
02/19/2015 18:17	655.5
02/19/2015 18:18	655.5
02/19/2015 18:19	655.7
02/19/2015 18:20	655.1
02/19/2015 18:21	655.0
02/19/2015 18:22	655.0



# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01  
Generated: 02/23/2015 17:27

To: 02/19/2015 19:00

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

Date/Time	Unit 2 Load, MWe 1 Minute(s)
02/19/2015 18:23	655.3
02/19/2015 18:24	655.4
02/19/2015 18:25	655.7
02/19/2015 18:26	655.8
02/19/2015 18:27	655.8
02/19/2015 18:28	655.5
02/19/2015 18:29	655.1
02/19/2015 18:30	654.3
02/19/2015 18:31	654.1
02/19/2015 18:32	654.4
02/19/2015 18:33	654.7
02/19/2015 18:34	654.7
02/19/2015 18:35	655.3
02/19/2015 18:36	655.0
02/19/2015 18:37	655.4
02/19/2015 18:38	654.9
02/19/2015 18:39	655.0
02/19/2015 18:40	655.3
02/19/2015 18:41	655.3
02/19/2015 18:42	655.1
02/19/2015 18:43	654.0
02/19/2015 18:44	654.1
02/19/2015 18:45	654.2
02/19/2015 18:46	653.9
02/19/2015 18:47	654.3
02/19/2015 18:48	654.1
02/19/2015 18:49	654.9
02/19/2015 18:50	655.0
02/19/2015 18:51	655.6
02/19/2015 18:52	656.0
02/19/2015 18:53	655.3
02/19/2015 18:54	655.0
02/19/2015 18:55	655.4
02/19/2015 18:56	656.2

# CEMS Minute Data

Unit 2



From: 02/19/2015 11:01 To: 02/19/2015 19:00 Facility Name: LA CYGNE STATION  
Generated: 02/23/2015 17:27 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

Red = Sample Invalid

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Date/Time	Unit 2 Load, Mwe 1 Minute(s)
02/19/2015 18:57	657.4
02/19/2015 18:58	657.5
02/19/2015 18:59	656.4
02/19/2015 19:00	655.8

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Average	655.0 MW
Minimum	650.4 MW

---

## Attachment D. 4-Hour NO<sub>x</sub> Test Results



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target Minutes

Missouri  
 NOx - 4 hr  
 0.055  
 665  
 240

**4- Hr NOx Test**

**10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx LbPerMBtu	Total Test Time Minutes
3/8/2015 09:20	700	Invalid Data	0.00
3/8/2015 09:30	700	Invalid Data	0.00
3/8/2015 09:40	700	0.047	10.00
3/8/2015 09:50	700	0.045	20.00
3/8/2015 10:00	700	0.045	30.00
3/8/2015 10:10	700	0.046	40.00
3/8/2015 10:20	700	0.046	50.00
3/8/2015 10:30	700	0.049	60.00
3/8/2015 10:40	700	0.048	70.00
3/8/2015 10:50	700	0.047	80.00
3/8/2015 11:00	700	0.047	90.00
3/8/2015 11:10	700	0.047	100.00
3/8/2015 11:20	700	0.049	110.00
3/8/2015 11:30	701	0.046	120.00
3/8/2015 11:40	699	0.053	130.00
3/8/2015 11:50	700	0.048	140.00
3/8/2015 12:00	700	0.047	150.00
3/8/2015 12:10	700	0.049	160.00
3/8/2015 12:20	700	0.048	170.00
3/8/2015 12:30	700	0.046	180.00
3/8/2015 12:40	700	0.052	190.00
3/8/2015 12:50	700	0.047	200.00
3/8/2015 13:00	700	0.048	210.00
3/8/2015 13:10	700	0.046	220.00
3/8/2015 13:20	700	0.048	230.00
3/8/2015 13:30	700	0.046	240.00
3/8/2015 13:40	700	0.051	250.00
3/8/2015 13:50	700	0.047	260.00

	Load MWe	NOx - 4 hr Lb/MBtu
Average Values	700	0.047
Maximum Values	701	0.053
Minimum Value	699	0.045
Minimum Target	665	
Maximum Target		0.055



## Attachment E. 72-Hour NO<sub>x</sub> Test Results



**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
**TEST**  
Emission Limit, lb/MMBtu  
Min. Load, MW  
Target, minutes

Missouri  
NOx -72 hr  
0.058  
572  
4320

**72 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/8/2015 14:20	700	0.139	0
3/8/2015 14:30	700	0.098	0
3/8/2015 14:40	700	0.069	0
3/8/2015 14:50	700	0.062	0
3/8/2015 15:00	700	0.054	10
3/8/2015 15:10	700	0.052	20
3/8/2015 15:20	700	0.048	30
3/8/2015 15:30	700	0.048	40
3/8/2015 15:40	700	0.036	50
3/8/2015 15:50	701	0.050	60
3/8/2015 16:00	700	0.045	70
3/8/2015 16:10	700	0.048	80
3/8/2015 16:20	700	0.047	90
3/8/2015 16:30	700	0.047	100
3/8/2015 16:40	700	0.047	110
3/8/2015 16:50	700	0.046	120
3/8/2015 17:00	699	0.046	130
3/8/2015 17:10	700	0.047	140
3/8/2015 17:20	700	0.044	150
3/8/2015 17:30	699	0.046	160
3/8/2015 17:40	700	0.046	170
3/8/2015 17:50	700	0.047	180
3/8/2015 18:00	700	0.049	190
3/8/2015 18:10	700	0.049	200
3/8/2015 18:20	697	0.046	210
3/8/2015 18:30	697	0.048	220
3/8/2015 18:40	694	0.043	230
3/8/2015 18:50	689	0.046	240
3/8/2015 19:00	690	0.046	250
3/8/2015 19:10	692	0.048	260
3/8/2015 19:20	679	0.042	270
3/8/2015 19:30	667	0.042	280
3/8/2015 19:40	680	0.055	290
3/8/2015 19:50	697	0.052	300
3/8/2015 20:00	694	0.052	310
3/8/2015 20:10	692	0.049	320
3/8/2015 20:20	693	0.049	330
3/8/2015 20:30	692	0.048	340
3/8/2015 20:40	690	0.046	350
3/8/2015 20:50	689	0.048	360
3/8/2015 21:00	677	0.043	370
3/8/2015 21:10	684	0.047	380
3/8/2015 21:20	693	0.052	390



**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
TEST  
Emission Limit, lb/MMBtu  
Min. Load, MW  
Target, minutes

Missouri  
NOx -72 hr  
0.058  
572  
4320

**72 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/8/2015 21:30	692	0.047	400
3/8/2015 21:40	691	0.047	410
3/8/2015 21:50	689	0.046	420
3/8/2015 22:00	692	0.047	430
3/8/2015 22:10	690	0.047	440
3/8/2015 22:20	690	0.045	450
3/8/2015 22:30	692	0.047	460
3/8/2015 22:40	690	0.047	470
3/8/2015 22:50	681	0.044	480
3/8/2015 23:00	664	0.042	490
3/8/2015 23:10	654	0.043	500
3/8/2015 23:20	637	0.040	510
3/8/2015 23:30	624	0.043	520
3/8/2015 23:40	626	0.050	530
3/8/2015 23:50	622	0.045	540
3/9/2015 00:00	613	0.042	550
3/9/2015 00:10	599	0.044	560
3/9/2015 00:20	599	0.044	570
3/9/2015 00:30	612	0.047	580
3/9/2015 00:40	625	0.051	590
3/9/2015 00:50	632	0.051	600
3/9/2015 01:00	631	0.048	610
3/9/2015 01:10	630	0.047	620
3/9/2015 01:20	631	0.047	630
3/9/2015 01:30	630	0.049	640
3/9/2015 01:40	629	0.041	650
3/9/2015 01:50	636	0.049	660
3/9/2015 02:00	648	0.051	670
3/9/2015 02:10	654	0.049	680
3/9/2015 02:20	670	0.052	690
3/9/2015 02:30	674	0.052	700
3/9/2015 02:40	670	0.050	710
3/9/2015 02:50	679	0.051	720
3/9/2015 03:00	683	0.051	730
3/9/2015 03:10	677	0.047	740
3/9/2015 03:20	678	0.048	750
3/9/2015 03:30	684	0.048	760
3/9/2015 03:40	694	0.046	770
3/9/2015 03:50	694	0.049	780
3/9/2015 04:00	695	0.051	790
3/9/2015 04:10	683	0.048	800
3/9/2015 04:20	690	0.047	810
3/9/2015 04:30	693	0.048	820
3/9/2015 04:40	693	0.047	830





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
**TEST**  
Emission Limit, lb/MMBtu  
Min. Load, MW  
Target, minutes

Missouri  
NOx -72 hr  
0.058  
572  
4320

**72 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Minutes
3/9/2015 04:50	693	0.048	840
3/9/2015 05:00	694	0.048	850
3/9/2015 05:10	692	0.046	860
3/9/2015 05:20	694	0.048	870
3/9/2015 05:30	693	0.047	880
3/9/2015 05:40	693	0.052	890
3/9/2015 05:50	697	0.050	900
3/9/2015 06:00	700	0.049	910
3/9/2015 06:10	700	0.048	920
3/9/2015 06:20	700	0.046	930
3/9/2015 06:30	700	0.045	940
3/9/2015 06:40	699	0.048	950
3/9/2015 06:50	701	0.046	960
3/9/2015 07:00	700	0.047	970
3/9/2015 07:10	700	0.046	980
3/9/2015 07:20	700	0.049	990
3/9/2015 07:30	700	0.049	1000
3/9/2015 07:40	700	Invalid Data	1000
3/9/2015 07:50	700	Invalid Data	1000
3/9/2015 08:00	700	Invalid Data	1000
3/9/2015 08:10	700	0.050	1010
3/9/2015 08:20	700	0.050	1020
3/9/2015 08:30	700	0.048	1030
3/9/2015 08:40	700	0.046	1040
3/9/2015 08:50	700	0.046	1050
3/9/2015 09:00	700	0.050	1060
3/9/2015 09:10	700	0.046	1070
3/9/2015 09:20	700	0.048	1080
3/9/2015 09:30	700	0.049	1090
3/9/2015 09:40	700	0.047	1100
3/9/2015 09:50	700	0.047	1110
3/9/2015 10:00	700	0.047	1120
3/9/2015 10:10	700	0.046	1130
3/9/2015 10:20	699	0.049	1140
3/9/2015 10:30	700	0.049	1150
3/9/2015 10:40	700	0.049	1160
3/9/2015 10:50	700	0.048	1170
3/9/2015 11:00	700	0.048	1180
3/9/2015 11:10	700	0.049	1190
3/9/2015 11:20	700	0.048	1200
3/9/2015 11:30	700	0.046	1210
3/9/2015 11:40	700	0.048	1220
3/9/2015 11:50	700	0.049	1230
3/9/2015 12:00	700	0.046	1240





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST NOx -72 hr  
Emission Limit, lb/MMBtu 0.058  
Min. Load, MW 572  
Target, minutes 4320

**72 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/9/2015 12:10	699	0.051	1250
3/9/2015 12:20	700	0.048	1260
3/9/2015 12:30	700	0.047	1270
3/9/2015 12:40	700	0.048	1280
3/9/2015 12:50	700	0.048	1290
3/9/2015 13:00	700	0.047	1300
3/9/2015 13:10	700	0.048	1310
3/9/2015 13:20	700	0.048	1320
3/9/2015 13:30	700	0.047	1330
3/9/2015 13:40	700	0.049	1340
3/9/2015 13:50	701	0.049	1350
3/9/2015 14:00	699	0.044	1360
3/9/2015 14:10	700	0.043	1370
3/9/2015 14:20	700	0.045	1380
3/9/2015 14:30	700	0.049	1390
3/9/2015 14:40	700	0.048	1400
3/9/2015 14:50	701	0.047	1410
3/9/2015 15:00	700	0.046	1420
3/9/2015 15:10	700	0.046	1430
3/9/2015 15:20	700	0.047	1440
3/9/2015 15:30	700	0.047	1450
3/9/2015 15:40	699	0.047	1460
3/9/2015 15:50	700	0.048	1470
3/9/2015 16:00	700	0.049	1480
3/9/2015 16:10	700	0.046	1490
3/9/2015 16:20	700	0.046	1500
3/9/2015 16:30	700	0.047	1510
3/9/2015 16:40	700	0.049	1520
3/9/2015 16:50	700	0.048	1530
3/9/2015 17:00	700	0.047	1540
3/9/2015 17:10	700	0.045	1550
3/9/2015 17:20	700	0.047	1560
3/9/2015 17:30	700	0.048	1570
3/9/2015 17:40	700	0.046	1580
3/9/2015 17:50	700	0.048	1590
3/9/2015 18:00	700	0.046	1600
3/9/2015 18:10	700	0.048	1610
3/9/2015 18:20	700	0.047	1620
3/9/2015 18:30	700	0.048	1630
3/9/2015 18:40	700	0.047	1640
3/9/2015 18:50	700	0.048	1650
3/9/2015 19:00	700	0.047	1660
3/9/2015 19:10	700	0.048	1670
3/9/2015 19:20	700	0.047	1680



**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
TEST  
Emission Limit, lb/MMBtu  
Min. Load, MW  
Target, minutes

Missouri  
NOx -72 hr  
0.058  
572  
4320

**72 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/9/2015 19:30	700	0.047	1690
3/9/2015 19:40	700	0.049	1700
3/9/2015 19:50	700	0.048	1710
3/9/2015 20:00	699	0.046	1720
3/9/2015 20:10	677	0.038	1730
3/9/2015 20:20	675	0.043	1740
3/9/2015 20:30	675	0.044	1750
3/9/2015 20:40	675	0.047	1760
3/9/2015 20:50	675	0.047	1770
3/9/2015 21:00	675	0.047	1780
3/9/2015 21:10	675	0.049	1790
3/9/2015 21:20	675	0.046	1800
3/9/2015 21:30	674	0.046	1810
3/9/2015 21:40	675	0.046	1820
3/9/2015 21:50	675	0.046	1830
3/9/2015 22:00	675	0.048	1840
3/9/2015 22:10	671	0.048	1850
3/9/2015 22:20	652	0.040	1860
3/9/2015 22:30	649	0.042	1870
3/9/2015 22:40	630	0.040	1880
3/9/2015 22:50	609	0.039	1890
3/9/2015 23:00	610	0.041	1900
3/9/2015 23:10	610	0.045	1910
3/9/2015 23:20	623	0.047	1920
3/9/2015 23:30	630	0.049	1930
3/9/2015 23:40	630	0.048	1940
3/9/2015 23:50	630	0.047	1950
3/10/2015 00:00	630	0.049	1960
3/10/2015 00:10	630	0.046	1970
3/10/2015 00:20	631	0.048	1980
3/10/2015 00:30	630	0.047	1990
3/10/2015 00:40	630	0.046	2000
3/10/2015 00:50	630	0.047	2010
3/10/2015 01:00	629	0.047	2020
3/10/2015 01:10	630	0.047	2030
3/10/2015 01:20	629	0.046	2040
3/10/2015 01:30	630	0.047	2050
3/10/2015 01:40	630	0.046	2060
3/10/2015 01:50	630	0.047	2070
3/10/2015 02:00	630	0.047	2080
3/10/2015 02:10	630	0.047	2090
3/10/2015 02:20	631	0.047	2100
3/10/2015 02:30	630	0.047	2110
3/10/2015 02:40	630	0.048	2120





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST NOx -72 hr  
Emission Limit, lb/MMBtu 0.058  
Min. Load, MW 572  
Target, minutes 4320

**72 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/10/2015 02:50	630	0.046	2130
3/10/2015 03:00	630	0.047	2140
3/10/2015 03:10	630	0.046	2150
3/10/2015 03:20	630	0.048	2160
3/10/2015 03:30	630	0.047	2170
3/10/2015 03:40	630	0.047	2180
3/10/2015 03:50	629	0.047	2190
3/10/2015 04:00	630	0.049	2200
3/10/2015 04:10	630	0.047	2210
3/10/2015 04:20	631	0.047	2220
3/10/2015 04:30	630	0.048	2230
3/10/2015 04:40	631	0.046	2240
3/10/2015 04:50	650	0.050	2250
3/10/2015 05:00	660	0.052	2260
3/10/2015 05:10	659	0.050	2270
3/10/2015 05:20	674	0.052	2280
3/10/2015 05:30	684	0.050	2290
3/10/2015 05:40	703	0.054	2300
3/10/2015 05:50	699	0.046	2310
3/10/2015 06:00	700	0.044	2320
3/10/2015 06:10	700	0.045	2330
3/10/2015 06:20	700	0.044	2340
3/10/2015 06:30	700	0.042	2350
3/10/2015 06:40	700	0.043	2360
3/10/2015 06:50	700	0.045	2370
3/10/2015 07:00	700	0.040	2380
3/10/2015 07:10	700	0.044	2390
3/10/2015 07:20	700	0.042	2400
3/10/2015 07:30	701	0.044	2410
3/10/2015 07:40	700	Invalid Data	2410
3/10/2015 07:50	700	Invalid Data	2410
3/10/2015 08:00	700	Invalid Data	2410
3/10/2015 08:10	700	0.041	2420
3/10/2015 08:20	701	0.038	2430
3/10/2015 08:30	700	0.043	2440
3/10/2015 08:40	700	0.040	2450
3/10/2015 08:50	700	0.042	2460
3/10/2015 09:00	700	0.043	2470
3/10/2015 09:10	700	0.041	2480
3/10/2015 09:20	700	0.043	2490
3/10/2015 09:30	700	0.043	2500
3/10/2015 09:40	700	0.042	2510
3/10/2015 09:50	699	0.043	2520
3/10/2015 10:00	701	0.043	2530

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040



State  
**TEST**  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -72 hr  
 0.058  
 572  
 4320

**72 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Minutes
3/10/2015 10:10	700	0.044	2540
3/10/2015 10:20	700	0.042	2550
3/10/2015 10:30	700	0.040	2560
3/10/2015 10:40	700	0.044	2570
3/10/2015 10:50	700	0.043	2580
3/10/2015 11:00	700	0.044	2590
3/10/2015 11:10	700	0.040	2600
3/10/2015 11:20	700	0.042	2610
3/10/2015 11:30	700	0.044	2620
3/10/2015 11:40	700	0.044	2630
3/10/2015 11:50	700	0.043	2640
3/10/2015 12:00	700	0.045	2650
3/10/2015 12:10	700	0.043	2660
3/10/2015 12:20	700	0.044	2670
3/10/2015 12:30	700	0.042	2680
3/10/2015 12:40	700	0.042	2690
3/10/2015 12:50	700	0.042	2700
3/10/2015 13:00	700	0.042	2710
3/10/2015 13:10	700	0.044	2720
3/10/2015 13:20	700	0.043	2730
3/10/2015 13:30	699	0.043	2740
3/10/2015 13:40	700	0.043	2750
3/10/2015 13:50	700	0.043	2760
3/10/2015 14:00	700	0.042	2770
3/10/2015 14:10	700	0.042	2780
3/10/2015 14:20	700	0.044	2790
3/10/2015 14:30	700	0.039	2800
3/10/2015 14:40	700	0.028	2810
3/10/2015 14:50	700	0.028	2820
3/10/2015 15:00	700	0.029	2830
3/10/2015 15:10	700	0.028	2840
3/10/2015 15:20	700	0.030	2850
3/10/2015 15:30	700	0.028	2860
3/10/2015 15:40	701	0.029	2870
3/10/2015 15:50	700	0.029	2880
3/10/2015 16:00	700	0.032	2890
3/10/2015 16:10	700	0.029	2900
3/10/2015 16:20	701	0.032	2910
3/10/2015 16:30	700	0.033	2920
3/10/2015 16:40	700	0.038	2930
3/10/2015 16:50	700	0.041	2940
3/10/2015 17:00	700	0.043	2950
3/10/2015 17:10	700	0.042	2960
3/10/2015 17:20	700	0.043	2970





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
**TEST**  
Emission Limit, lb/MMBtu  
Min. Load, MW  
Target, minutes

Missouri  
NOx -72 hr  
0.058  
572  
4320

**72 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/10/2015 17:30	700	0.044	2980
3/10/2015 17:40	700	0.044	2990
3/10/2015 17:50	700	0.044	3000
3/10/2015 18:00	700	0.042	3010
3/10/2015 18:10	700	0.042	3020
3/10/2015 18:20	700	0.045	3030
3/10/2015 18:30	699	0.041	3040
3/10/2015 18:40	700	0.044	3050
3/10/2015 18:50	700	0.041	3060
3/10/2015 19:00	700	0.043	3070
3/10/2015 19:10	700	0.043	3080
3/10/2015 19:20	699	0.041	3090
3/10/2015 19:30	701	0.042	3100
3/10/2015 19:40	700	0.041	3110
3/10/2015 19:50	700	0.040	3120
3/10/2015 20:00	700	0.043	3130
3/10/2015 20:10	700	0.044	3140
3/10/2015 20:20	700	0.041	3150
3/10/2015 20:30	697	0.043	3160
3/10/2015 20:40	692	0.040	3170
3/10/2015 20:50	691	0.040	3180
3/10/2015 21:00	685	0.039	3190
3/10/2015 21:10	667	0.036	3200
3/10/2015 21:20	655	0.037	3210
3/10/2015 21:30	643	0.037	3220
3/10/2015 21:40	629	0.036	3230
3/10/2015 21:50	613	0.034	3240
3/10/2015 22:00	597	0.032	3250
3/10/2015 22:10	586	0.036	3260
3/10/2015 22:20	584	0.039	3270
3/10/2015 22:30	585	0.040	3280
3/10/2015 22:40	588	0.040	3290
3/10/2015 22:50	611	0.046	3300
3/10/2015 23:00	637	0.049	3310
3/10/2015 23:10	663	0.052	3320
3/10/2015 23:20	681	0.054	3330
3/10/2015 23:30	665	0.046	3340
3/10/2015 23:40	654	0.041	3350
3/10/2015 23:50	633	0.038	3360
3/11/2015 00:00	612	0.030	3370
3/11/2015 00:10	597	0.034	3380
3/11/2015 00:20	585	0.035	3390
3/11/2015 00:30	585	0.038	3400
3/11/2015 00:40	584	0.041	3410





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
TEST  
Emission Limit, lb/MMBtu  
Min. Load, MW  
Target, minutes

Missouri  
NOx -72 hr  
0.058  
572  
4320

**72 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Minutes
3/11/2015 00:50	585	0.041	3420
3/11/2015 01:00	585	0.042	3430
3/11/2015 01:10	585	0.043	3440
3/11/2015 01:20	596	0.043	3450
3/11/2015 01:30	599	0.043	3460
3/11/2015 01:40	587	0.042	3470
3/11/2015 01:50	585	0.040	3480
3/11/2015 02:00	593	0.040	3490
3/11/2015 02:10	593	0.042	3500
3/11/2015 02:20	594	0.041	3510
3/11/2015 02:30	605	0.045	3520
3/11/2015 02:40	609	0.043	3530
3/11/2015 02:50	623	0.046	3540
3/11/2015 03:00	633	0.048	3550
3/11/2015 03:10	633	0.043	3560
3/11/2015 03:20	633	0.043	3570
3/11/2015 03:30	633	0.042	3580
3/11/2015 03:40	633	0.041	3590
3/11/2015 03:50	634	0.040	3600
3/11/2015 04:00	632	0.038	3610
3/11/2015 04:10	632	0.041	3620
3/11/2015 04:20	637	0.041	3630
3/11/2015 04:30	644	0.044	3640
3/11/2015 04:40	646	0.044	3650
3/11/2015 04:50	639	0.042	3660
3/11/2015 05:00	636	0.039	3670
3/11/2015 05:10	642	0.042	3680
3/11/2015 05:20	655	0.045	3690
3/11/2015 05:30	673	0.049	3700
3/11/2015 05:40	686	0.049	3710
3/11/2015 05:50	689	0.047	3720
3/11/2015 06:00	691	0.047	3730
3/11/2015 06:10	690	0.045	3740
3/11/2015 06:20	690	0.043	3750
3/11/2015 06:30	690	0.044	3760
3/11/2015 06:40	690	0.044	3770
3/11/2015 06:50	690	0.043	3780
3/11/2015 07:00	690	0.043	3790
3/11/2015 07:10	690	0.042	3800
3/11/2015 07:20	689	0.042	3810
3/11/2015 07:30	691	0.044	3820
3/11/2015 07:40	690	Invalid Data	3820
3/11/2015 07:50	690	Invalid Data	3820
3/11/2015 08:00	690	Invalid Data	3820

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040



State  
**TEST**  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -72 hr  
 0.058  
 572  
 4320

**72 - Hr NOx Test**  
**10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/11/2015 08:10	689	0.043	3830
3/11/2015 08:20	690	0.045	3840
3/11/2015 08:30	690	0.043	3850
3/11/2015 08:40	695	0.042	3860
3/11/2015 08:50	700	0.044	3870
3/11/2015 09:00	700	0.043	3880
3/11/2015 09:10	700	0.044	3890
3/11/2015 09:20	700	0.044	3900
3/11/2015 09:30	700	0.041	3910
3/11/2015 09:40	699	0.041	3920
3/11/2015 09:50	700	0.043	3930
3/11/2015 10:00	700	0.041	3940
3/11/2015 10:10	700	0.041	3950
3/11/2015 10:20	700	0.043	3960
3/11/2015 10:30	700	0.042	3970
3/11/2015 10:40	700	0.042	3980
3/11/2015 10:50	700	0.043	3990
3/11/2015 11:00	700	0.043	4000
3/11/2015 11:10	700	0.042	4010
3/11/2015 11:20	700	0.043	4020
3/11/2015 11:30	699	0.043	4030
3/11/2015 11:40	700	0.041	4040
3/11/2015 11:50	700	0.044	4050
3/11/2015 12:00	700	0.043	4060
3/11/2015 12:10	699	0.043	4070
3/11/2015 12:20	700	0.043	4080
3/11/2015 12:30	700	0.043	4090
3/11/2015 12:40	699	0.044	4100
3/11/2015 12:50	700	0.041	4110
3/11/2015 13:00	700	0.044	4120
3/11/2015 13:10	700	0.044	4130
3/11/2015 13:20	700	0.044	4140
3/11/2015 13:30	700	0.041	4150
3/11/2015 13:40	700	0.040	4160
3/11/2015 13:50	701	0.041	4170
3/11/2015 14:00	696	0.041	4180
3/11/2015 14:10	674	0.034	4190
3/11/2015 14:20	644	0.032	4200
3/11/2015 14:30	650	0.037	4210
3/11/2015 14:40	679	0.044	4220
3/11/2015 14:50	694	0.046	4230
3/11/2015 15:00	700	0.047	4240
3/11/2015 15:10	700	0.045	4250
3/11/2015 15:20	700	0.044	4260



**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
TEST  
Emission Limit, lb/MMBtu  
Min. Load, MW  
Target, minutes

Missouri  
NOx -72 hr  
0.058  
572  
4320

**72 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/11/2015 15:30	700	0.044	4270
3/11/2015 15:40	700	0.042	4280
3/11/2015 15:50	700	0.043	4290
3/11/2015 16:00	700	0.037	4300
3/11/2015 16:10	700	0.044	4310
3/11/2015 16:20	700	0.043	4320
3/11/2015 16:30	700	0.041	4330
3/11/2015 16:40	700	0.040	4340
3/11/2015 16:50	700	0.043	4350

	Load	NOx -72 hr
	MWe	Lb/MBtu
Average Values	678	0.044
Maximum Values	703	0.055
Minimum Value	584	0.028
Minimum Target	572	
Maximum Target		0.058

## Attachment F. 120-Hour NO<sub>x</sub> Test Results





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
**TEST**  
Emission Limit, lb/MMBtu  
Min. Load, MW  
Target, minutes

Missouri  
NOx -120 hr  
0.07  
572  
7200

**120 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/8/2015 13:40	700	0.051	2410
3/8/2015 13:50	700	0.047	2420
3/8/2015 14:00	700	0.048	2430
3/8/2015 14:10	700	0.138	0
3/8/2015 14:20	700	0.139	0
3/8/2015 14:30	700	0.098	0
3/8/2015 14:40	700	0.069	10
3/8/2015 14:50	700	0.062	20
3/8/2015 15:00	700	0.054	30
3/8/2015 15:10	700	0.052	40
3/8/2015 15:20	700	0.048	50
3/8/2015 15:30	700	0.048	60
3/8/2015 15:40	700	0.036	70
3/8/2015 15:50	701	0.050	80
3/8/2015 16:00	700	0.045	90
3/8/2015 16:10	700	0.048	100
3/8/2015 16:20	700	0.047	110
3/8/2015 16:30	700	0.047	120
3/8/2015 16:40	700	0.047	130
3/8/2015 16:50	700	0.046	140
3/8/2015 17:00	699	0.046	150
3/8/2015 17:10	700	0.047	160
3/8/2015 17:20	700	0.044	170
3/8/2015 17:30	699	0.046	180
3/8/2015 17:40	700	0.046	190
3/8/2015 17:50	700	0.047	200
3/8/2015 18:00	700	0.049	210
3/8/2015 18:10	700	0.049	220
3/8/2015 18:20	697	0.046	230
3/8/2015 18:30	697	0.048	240
3/8/2015 18:40	694	0.043	250
3/8/2015 18:50	689	0.046	260
3/8/2015 19:00	690	0.046	270
3/8/2015 19:10	692	0.048	280
3/8/2015 19:20	679	0.042	290
3/8/2015 19:30	667	0.042	300
3/8/2015 19:40	680	0.055	310
3/8/2015 19:50	697	0.052	320
3/8/2015 20:00	694	0.052	330
3/8/2015 20:10	692	0.049	340
3/8/2015 20:20	693	0.049	350
3/8/2015 20:30	692	0.048	360
3/8/2015 20:40	690	0.046	370
3/8/2015 20:50	689	0.048	380
3/8/2015 21:00	677	0.043	390



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040



State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -120 hr  
 0.07  
 572  
 7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/8/2015 21:10	684	0.047	400
3/8/2015 21:20	693	0.052	410
3/8/2015 21:30	692	0.047	420
3/8/2015 21:40	691	0.047	430
3/8/2015 21:50	689	0.046	440
3/8/2015 22:00	692	0.047	450
3/8/2015 22:10	690	0.047	460
3/8/2015 22:20	690	0.045	470
3/8/2015 22:30	692	0.047	480
3/8/2015 22:40	690	0.047	490
3/8/2015 22:50	681	0.044	500
3/8/2015 23:00	664	0.042	510
3/8/2015 23:10	654	0.043	520
3/8/2015 23:20	637	0.040	530
3/8/2015 23:30	624	0.043	540
3/8/2015 23:40	626	0.050	550
3/8/2015 23:50	622	0.045	560
3/9/2015 00:00	613	0.042	570
3/9/2015 00:10	599	0.044	580
3/9/2015 00:20	599	0.044	590
3/9/2015 00:30	612	0.047	600
3/9/2015 00:40	625	0.051	610
3/9/2015 00:50	632	0.051	620
3/9/2015 01:00	631	0.048	630
3/9/2015 01:10	630	0.047	640
3/9/2015 01:20	631	0.047	650
3/9/2015 01:30	630	0.049	660
3/9/2015 01:40	629	0.041	670
3/9/2015 01:50	636	0.049	680
3/9/2015 02:00	648	0.051	690
3/9/2015 02:10	654	0.049	700
3/9/2015 02:20	670	0.052	710
3/9/2015 02:30	674	0.052	720
3/9/2015 02:40	670	0.050	730
3/9/2015 02:50	679	0.051	740
3/9/2015 03:00	683	0.051	750
3/9/2015 03:10	677	0.047	760
3/9/2015 03:20	678	0.048	770
3/9/2015 03:30	684	0.048	780
3/9/2015 03:40	694	0.046	790
3/9/2015 03:50	694	0.049	800
3/9/2015 04:00	695	0.051	810
3/9/2015 04:10	683	0.048	820
3/9/2015 04:20	690	0.047	830
3/9/2015 04:30	693	0.048	840
3/9/2015 04:40	693	0.047	850

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040



State  
**TEST**  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -120 hr  
 0.07  
 572  
 7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/9/2015 04:50	693	0.048	860
3/9/2015 05:00	694	0.048	870
3/9/2015 05:10	692	0.046	880
3/9/2015 05:20	694	0.048	890
3/9/2015 05:30	693	0.047	900
3/9/2015 05:40	693	0.052	910
3/9/2015 05:50	697	0.050	920
3/9/2015 06:00	700	0.049	930
3/9/2015 06:10	700	0.048	940
3/9/2015 06:20	700	0.046	950
3/9/2015 06:30	700	0.045	960
3/9/2015 06:40	699	0.048	970
3/9/2015 06:50	701	0.046	980
3/9/2015 07:00	700	0.047	990
3/9/2015 07:10	700	0.046	1000
3/9/2015 07:20	700	0.049	1010
3/9/2015 07:30	700	0.049	1020
3/9/2015 07:40	700	Invalid Data	1020
3/9/2015 07:50	700	Invalid Data	1020
3/9/2015 08:00	700	Invalid Data	1020
3/9/2015 08:10	700	0.050	1030
3/9/2015 08:20	700	0.050	1040
3/9/2015 08:30	700	0.048	1050
3/9/2015 08:40	700	0.046	1060
3/9/2015 08:50	700	0.046	1070
3/9/2015 09:00	700	0.050	1080
3/9/2015 09:10	700	0.046	1090
3/9/2015 09:20	700	0.048	1100
3/9/2015 09:30	700	0.049	1110
3/9/2015 09:40	700	0.047	1120
3/9/2015 09:50	700	0.047	1130
3/9/2015 10:00	700	0.047	1140
3/9/2015 10:10	700	0.046	1150
3/9/2015 10:20	699	0.049	1160
3/9/2015 10:30	700	0.049	1170
3/9/2015 10:40	700	0.049	1180
3/9/2015 10:50	700	0.048	1190
3/9/2015 11:00	700	0.048	1200
3/9/2015 11:10	700	0.049	1210
3/9/2015 11:20	700	0.048	1220
3/9/2015 11:30	700	0.046	1230
3/9/2015 11:40	700	0.048	1240
3/9/2015 11:50	700	0.049	1250
3/9/2015 12:00	700	0.046	1260
3/9/2015 12:10	699	0.051	1270
3/9/2015 12:20	700	0.048	1280





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST NOx -120 hr  
Emission Limit, lb/MMBtu 0.07  
Min. Load, MW 572  
Target, minutes 7200

**120 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/9/2015 12:30	700	0.047	1290
3/9/2015 12:40	700	0.048	1300
3/9/2015 12:50	700	0.048	1310
3/9/2015 13:00	700	0.047	1320
3/9/2015 13:10	700	0.048	1330
3/9/2015 13:20	700	0.048	1340
3/9/2015 13:30	700	0.047	1350
3/9/2015 13:40	700	0.049	1360
3/9/2015 13:50	701	0.049	1370
3/9/2015 14:00	699	0.044	1380
3/9/2015 14:10	700	0.043	1390
3/9/2015 14:20	700	0.045	1400
3/9/2015 14:30	700	0.049	1410
3/9/2015 14:40	700	0.048	1420
3/9/2015 14:50	701	0.047	1430
3/9/2015 15:00	700	0.046	1440
3/9/2015 15:10	700	0.046	1450
3/9/2015 15:20	700	0.047	1460
3/9/2015 15:30	700	0.047	1470
3/9/2015 15:40	699	0.047	1480
3/9/2015 15:50	700	0.048	1490
3/9/2015 16:00	700	0.049	1500
3/9/2015 16:10	700	0.046	1510
3/9/2015 16:20	700	0.046	1520
3/9/2015 16:30	700	0.047	1530
3/9/2015 16:40	700	0.049	1540
3/9/2015 16:50	700	0.048	1550
3/9/2015 17:00	700	0.047	1560
3/9/2015 17:10	700	0.045	1570
3/9/2015 17:20	700	0.047	1580
3/9/2015 17:30	700	0.048	1590
3/9/2015 17:40	700	0.046	1600
3/9/2015 17:50	700	0.048	1610
3/9/2015 18:00	700	0.046	1620
3/9/2015 18:10	700	0.048	1630
3/9/2015 18:20	700	0.047	1640
3/9/2015 18:30	700	0.048	1650
3/9/2015 18:40	700	0.047	1660
3/9/2015 18:50	700	0.048	1670
3/9/2015 19:00	700	0.047	1680
3/9/2015 19:10	700	0.048	1690
3/9/2015 19:20	700	0.047	1700
3/9/2015 19:30	700	0.047	1710
3/9/2015 19:40	700	0.049	1720
3/9/2015 19:50	700	0.048	1730
3/9/2015 20:00	699	0.046	1740



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
**TEST**  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -120 hr  
 0.07  
 572  
 7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/9/2015 20:10	677	0.038	1750
3/9/2015 20:20	675	0.043	1760
3/9/2015 20:30	675	0.044	1770
3/9/2015 20:40	675	0.047	1780
3/9/2015 20:50	675	0.047	1790
3/9/2015 21:00	675	0.047	1800
3/9/2015 21:10	675	0.049	1810
3/9/2015 21:20	675	0.046	1820
3/9/2015 21:30	674	0.046	1830
3/9/2015 21:40	675	0.046	1840
3/9/2015 21:50	675	0.046	1850
3/9/2015 22:00	675	0.048	1860
3/9/2015 22:10	671	0.048	1870
3/9/2015 22:20	652	0.040	1880
3/9/2015 22:30	649	0.042	1890
3/9/2015 22:40	630	0.040	1900
3/9/2015 22:50	609	0.039	1910
3/9/2015 23:00	610	0.041	1920
3/9/2015 23:10	610	0.045	1930
3/9/2015 23:20	623	0.047	1940
3/9/2015 23:30	630	0.049	1950
3/9/2015 23:40	630	0.048	1960
3/9/2015 23:50	630	0.047	1970
3/10/2015 00:00	630	0.049	1980
3/10/2015 00:10	630	0.046	1990
3/10/2015 00:20	631	0.048	2000
3/10/2015 00:30	630	0.047	2010
3/10/2015 00:40	630	0.046	2020
3/10/2015 00:50	630	0.047	2030
3/10/2015 01:00	629	0.047	2040
3/10/2015 01:10	630	0.047	2050
3/10/2015 01:20	629	0.046	2060
3/10/2015 01:30	630	0.047	2070
3/10/2015 01:40	630	0.046	2080
3/10/2015 01:50	630	0.047	2090
3/10/2015 02:00	630	0.047	2100
3/10/2015 02:10	630	0.047	2110
3/10/2015 02:20	631	0.047	2120
3/10/2015 02:30	630	0.047	2130
3/10/2015 02:40	630	0.048	2140
3/10/2015 02:50	630	0.046	2150
3/10/2015 03:00	630	0.047	2160
3/10/2015 03:10	630	0.046	2170
3/10/2015 03:20	630	0.048	2180
3/10/2015 03:30	630	0.047	2190
3/10/2015 03:40	630	0.047	2200





**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State	Missouri
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/10/2015 03:50	629	0.047	2210
3/10/2015 04:00	630	0.049	2220
3/10/2015 04:10	630	0.047	2230
3/10/2015 04:20	631	0.047	2240
3/10/2015 04:30	630	0.048	2250
3/10/2015 04:40	631	0.046	2260
3/10/2015 04:50	650	0.050	2270
3/10/2015 05:00	660	0.052	2280
3/10/2015 05:10	659	0.050	2290
3/10/2015 05:20	674	0.052	2300
3/10/2015 05:30	684	0.050	2310
3/10/2015 05:40	703	0.054	2320
3/10/2015 05:50	699	0.046	2330
3/10/2015 06:00	700	0.044	2340
3/10/2015 06:10	700	0.045	2350
3/10/2015 06:20	700	0.044	2360
3/10/2015 06:30	700	0.042	2370
3/10/2015 06:40	700	0.043	2380
3/10/2015 06:50	700	0.045	2390
3/10/2015 07:00	700	0.040	2400
3/10/2015 07:10	700	0.044	2410
3/10/2015 07:20	700	0.042	2420
3/10/2015 07:30	701	0.044	2430
3/10/2015 07:40	700	Invalid Data	2430
3/10/2015 07:50	700	Invalid Data	2430
3/10/2015 08:00	700	Invalid Data	2430
3/10/2015 08:10	700	0.041	2440
3/10/2015 08:20	701	0.038	2450
3/10/2015 08:30	700	0.043	2460
3/10/2015 08:40	700	0.040	2470
3/10/2015 08:50	700	0.042	2480
3/10/2015 09:00	700	0.043	2490
3/10/2015 09:10	700	0.041	2500
3/10/2015 09:20	700	0.043	2510
3/10/2015 09:30	700	0.043	2520
3/10/2015 09:40	700	0.042	2530
3/10/2015 09:50	699	0.043	2540
3/10/2015 10:00	701	0.043	2550
3/10/2015 10:10	700	0.044	2560
3/10/2015 10:20	700	0.042	2570
3/10/2015 10:30	700	0.040	2580
3/10/2015 10:40	700	0.044	2590
3/10/2015 10:50	700	0.043	2600
3/10/2015 11:00	700	0.044	2610
3/10/2015 11:10	700	0.040	2620
3/10/2015 11:20	700	0.042	2630

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040



State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -120 hr  
 0.07  
 572  
 7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/10/2015 11:30	700	0.044	2640
3/10/2015 11:40	700	0.044	2650
3/10/2015 11:50	700	0.043	2660
3/10/2015 12:00	700	0.045	2670
3/10/2015 12:10	700	0.043	2680
3/10/2015 12:20	700	0.044	2690
3/10/2015 12:30	700	0.042	2700
3/10/2015 12:40	700	0.042	2710
3/10/2015 12:50	700	0.042	2720
3/10/2015 13:00	700	0.042	2730
3/10/2015 13:10	700	0.044	2740
3/10/2015 13:20	700	0.043	2750
3/10/2015 13:30	699	0.043	2760
3/10/2015 13:40	700	0.043	2770
3/10/2015 13:50	700	0.043	2780
3/10/2015 14:00	700	0.042	2790
3/10/2015 14:10	700	0.042	2800
3/10/2015 14:20	700	0.044	2810
3/10/2015 14:30	700	0.039	2820
3/10/2015 14:40	700	0.028	2830
3/10/2015 14:50	700	0.028	2840
3/10/2015 15:00	700	0.029	2850
3/10/2015 15:10	700	0.028	2860
3/10/2015 15:20	700	0.030	2870
3/10/2015 15:30	700	0.028	2880
3/10/2015 15:40	701	0.029	2890
3/10/2015 15:50	700	0.029	2900
3/10/2015 16:00	700	0.032	2910
3/10/2015 16:10	700	0.029	2920
3/10/2015 16:20	701	0.032	2930
3/10/2015 16:30	700	0.033	2940
3/10/2015 16:40	700	0.038	2950
3/10/2015 16:50	700	0.041	2960
3/10/2015 17:00	700	0.043	2970
3/10/2015 17:10	700	0.042	2980
3/10/2015 17:20	700	0.043	2990
3/10/2015 17:30	700	0.044	3000
3/10/2015 17:40	700	0.044	3010
3/10/2015 17:50	700	0.044	3020
3/10/2015 18:00	700	0.042	3030
3/10/2015 18:10	700	0.042	3040
3/10/2015 18:20	700	0.045	3050
3/10/2015 18:30	699	0.041	3060
3/10/2015 18:40	700	0.044	3070
3/10/2015 18:50	700	0.041	3080
3/10/2015 19:00	700	0.043	3090





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST NOx -120 hr  
Emission Limit, lb/MMBtu 0.07  
Min. Load, MW 572  
Target, minutes 7200

**120 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/10/2015 19:10	700	0.043	3100
3/10/2015 19:20	699	0.041	3110
3/10/2015 19:30	701	0.042	3120
3/10/2015 19:40	700	0.041	3130
3/10/2015 19:50	700	0.040	3140
3/10/2015 20:00	700	0.043	3150
3/10/2015 20:10	700	0.044	3160
3/10/2015 20:20	700	0.041	3170
3/10/2015 20:30	697	0.043	3180
3/10/2015 20:40	692	0.040	3190
3/10/2015 20:50	691	0.040	3200
3/10/2015 21:00	685	0.039	3210
3/10/2015 21:10	667	0.036	3220
3/10/2015 21:20	655	0.037	3230
3/10/2015 21:30	643	0.037	3240
3/10/2015 21:40	629	0.036	3250
3/10/2015 21:50	613	0.034	3260
3/10/2015 22:00	597	0.032	3270
3/10/2015 22:10	586	0.036	3280
3/10/2015 22:20	584	0.039	3290
3/10/2015 22:30	585	0.040	3300
3/10/2015 22:40	588	0.040	3310
3/10/2015 22:50	611	0.046	3320
3/10/2015 23:00	637	0.049	3330
3/10/2015 23:10	663	0.052	3340
3/10/2015 23:20	681	0.054	3350
3/10/2015 23:30	665	0.046	3360
3/10/2015 23:40	654	0.041	3370
3/10/2015 23:50	633	0.038	3380
3/11/2015 00:00	612	0.030	3390
3/11/2015 00:10	597	0.034	3400
3/11/2015 00:20	585	0.035	3410
3/11/2015 00:30	585	0.038	3420
3/11/2015 00:40	584	0.041	3430
3/11/2015 00:50	585	0.041	3440
3/11/2015 01:00	585	0.042	3450
3/11/2015 01:10	585	0.043	3460
3/11/2015 01:20	596	0.043	3470
3/11/2015 01:30	599	0.043	3480
3/11/2015 01:40	587	0.042	3490
3/11/2015 01:50	585	0.040	3500
3/11/2015 02:00	593	0.040	3510
3/11/2015 02:10	593	0.042	3520
3/11/2015 02:20	594	0.041	3530
3/11/2015 02:30	605	0.045	3540
3/11/2015 02:40	609	0.043	3550

**Unit 2**



Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
**TEST**  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -120 hr  
 0.07  
 572  
 7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/11/2015 02:50	623	0.046	3560
3/11/2015 03:00	633	0.048	3570
3/11/2015 03:10	633	0.043	3580
3/11/2015 03:20	633	0.043	3590
3/11/2015 03:30	633	0.042	3600
3/11/2015 03:40	633	0.041	3610
3/11/2015 03:50	634	0.040	3620
3/11/2015 04:00	632	0.038	3630
3/11/2015 04:10	632	0.041	3640
3/11/2015 04:20	637	0.041	3650
3/11/2015 04:30	644	0.044	3660
3/11/2015 04:40	646	0.044	3670
3/11/2015 04:50	639	0.042	3680
3/11/2015 05:00	636	0.039	3690
3/11/2015 05:10	642	0.042	3700
3/11/2015 05:20	655	0.045	3710
3/11/2015 05:30	673	0.049	3720
3/11/2015 05:40	686	0.049	3730
3/11/2015 05:50	689	0.047	3740
3/11/2015 06:00	691	0.047	3750
3/11/2015 06:10	690	0.045	3760
3/11/2015 06:20	690	0.043	3770
3/11/2015 06:30	690	0.044	3780
3/11/2015 06:40	690	0.044	3790
3/11/2015 06:50	690	0.043	3800
3/11/2015 07:00	690	0.043	3810
3/11/2015 07:10	690	0.042	3820
3/11/2015 07:20	689	0.042	3830
3/11/2015 07:30	691	0.044	3840
3/11/2015 07:40	690	Invalid Data	3840
3/11/2015 07:50	690	Invalid Data	3840
3/11/2015 08:00	690	Invalid Data	3840
3/11/2015 08:10	689	0.043	3850
3/11/2015 08:20	690	0.045	3860
3/11/2015 08:30	690	0.043	3870
3/11/2015 08:40	695	0.042	3880
3/11/2015 08:50	700	0.044	3890
3/11/2015 09:00	700	0.043	3900
3/11/2015 09:10	700	0.044	3910
3/11/2015 09:20	700	0.044	3920
3/11/2015 09:30	700	0.041	3930
3/11/2015 09:40	699	0.041	3940
3/11/2015 09:50	700	0.043	3950
3/11/2015 10:00	700	0.041	3960
3/11/2015 10:10	700	0.041	3970
3/11/2015 10:20	700	0.043	3980





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST NOx -120 hr  
Emission Limit, lb/MMBtu 0.07  
Min. Load, MW 572  
Target, minutes 7200

**120 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MMBtu	Total Compliance Time Minutes
3/11/2015 10:30	700	0.042	3990
3/11/2015 10:40	700	0.042	4000
3/11/2015 10:50	700	0.043	4010
3/11/2015 11:00	700	0.043	4020
3/11/2015 11:10	700	0.042	4030
3/11/2015 11:20	700	0.043	4040
3/11/2015 11:30	699	0.043	4050
3/11/2015 11:40	700	0.041	4060
3/11/2015 11:50	700	0.044	4070
3/11/2015 12:00	700	0.043	4080
3/11/2015 12:10	699	0.043	4090
3/11/2015 12:20	700	0.043	4100
3/11/2015 12:30	700	0.043	4110
3/11/2015 12:40	699	0.044	4120
3/11/2015 12:50	700	0.041	4130
3/11/2015 13:00	700	0.044	4140
3/11/2015 13:10	700	0.044	4150
3/11/2015 13:20	700	0.044	4160
3/11/2015 13:30	700	0.041	4170
3/11/2015 13:40	700	0.040	4180
3/11/2015 13:50	701	0.041	4190
3/11/2015 14:00	696	0.041	4200
3/11/2015 14:10	674	0.034	4210
3/11/2015 14:20	644	0.032	4220
3/11/2015 14:30	650	0.037	4230
3/11/2015 14:40	679	0.044	4240
3/11/2015 14:50	694	0.046	4250
3/11/2015 15:00	700	0.047	4260
3/11/2015 15:10	700	0.045	4270
3/11/2015 15:20	700	0.044	4280
3/11/2015 15:30	700	0.044	4290
3/11/2015 15:40	700	0.042	4300
3/11/2015 15:50	700	0.043	4310
3/11/2015 16:00	700	0.037	4320
3/11/2015 16:10	700	0.044	4330
3/11/2015 16:20	700	0.043	4340
3/11/2015 16:30	700	0.041	4350
3/11/2015 16:40	700	0.040	4360
3/11/2015 16:50	700	0.043	4370
3/11/2015 17:00	700	0.042	4380
3/11/2015 17:10	701	0.040	4390
3/11/2015 17:20	699	0.042	4400
3/11/2015 17:30	695	0.040	4410
3/11/2015 17:40	691	0.039	4420
3/11/2015 17:50	690	0.039	4430
3/11/2015 18:00	689	0.033	4440

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040



State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -120 hr  
 0.07  
 572  
 7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/11/2015 18:10	682	0.040	4450
3/11/2015 18:20	665	0.035	4460
3/11/2015 18:30	658	0.036	4470
3/11/2015 18:40	662	0.041	4480
3/11/2015 18:50	672	0.043	4490
3/11/2015 19:00	687	0.048	4500
3/11/2015 19:10	685	0.045	4510
3/11/2015 19:20	671	0.040	4520
3/11/2015 19:30	658	0.038	4530
3/11/2015 19:40	638	0.036	4540
3/11/2015 19:50	613	0.033	4550
3/11/2015 20:00	594	0.031	4560
3/11/2015 20:10	585	0.033	4570
3/11/2015 20:20	585	0.037	4580
3/11/2015 20:30	585	0.040	4590
3/11/2015 20:40	585	0.041	4600
3/11/2015 20:50	585	0.041	4610
3/11/2015 21:00	585	0.041	4620
3/11/2015 21:10	585	0.041	4630
3/11/2015 21:20	586	0.043	4640
3/11/2015 21:30	606	0.050	4650
3/11/2015 21:40	626	0.059	4660
3/11/2015 21:50	626	0.055	4670
3/11/2015 22:00	622	0.055	4680
3/11/2015 22:10	608	0.043	4690
3/11/2015 22:20	588	0.036	4700
3/11/2015 22:30	585	0.036	4710
3/11/2015 22:40	585	0.042	4720
3/11/2015 22:50	585	0.042	4730
3/11/2015 23:00	585	0.046	4740
3/11/2015 23:10	585	0.046	4750
3/11/2015 23:20	585	0.041	4760
3/11/2015 23:30	585	0.046	4770
3/11/2015 23:40	585	0.045	4780
3/11/2015 23:50	585	0.042	4790
3/12/2015 00:00	585	0.042	4800
3/12/2015 00:10	585	0.042	4810
3/12/2015 00:20	584	0.046	4820
3/12/2015 00:30	585	0.043	4830
3/12/2015 00:40	585	0.041	4840
3/12/2015 00:50	585	0.042	4850
3/12/2015 01:00	585	0.042	4860
3/12/2015 01:10	585	0.041	4870
3/12/2015 01:20	585	0.040	4880
3/12/2015 01:30	585	0.041	4890
3/12/2015 01:40	586	0.044	4900



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040



State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -120 hr  
 0.07  
 572  
 7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/12/2015 01:50	592	0.044	4910
3/12/2015 02:00	587	0.039	4920
3/12/2015 02:10	585	0.044	4930
3/12/2015 02:20	585	0.041	4940
3/12/2015 02:30	585	0.043	4950
3/12/2015 02:40	585	0.043	4960
3/12/2015 02:50	584	0.043	4970
3/12/2015 03:00	585	0.042	4980
3/12/2015 03:10	585	0.043	4990
3/12/2015 03:20	585	0.042	5000
3/12/2015 03:30	585	0.043	5010
3/12/2015 03:40	585	0.042	5020
3/12/2015 03:50	586	0.044	5030
3/12/2015 04:00	592	0.047	5040
3/12/2015 04:10	587	0.042	5050
3/12/2015 04:20	595	0.042	5060
3/12/2015 04:30	620	0.048	5070
3/12/2015 04:40	643	0.046	5080
3/12/2015 04:50	667	0.050	5090
3/12/2015 05:00	688	0.056	5100
3/12/2015 05:10	684	0.047	5110
3/12/2015 05:20	687	0.045	5120
3/12/2015 05:30	687	0.039	5130
3/12/2015 05:40	685	0.037	5140
3/12/2015 05:50	686	0.038	5150
3/12/2015 06:00	685	0.038	5160
3/12/2015 06:10	687	0.037	5170
3/12/2015 06:20	685	0.035	5180
3/12/2015 06:30	686	0.037	5190
3/12/2015 06:40	686	0.037	5200
3/12/2015 06:50	688	0.037	5210
3/12/2015 07:00	688	0.039	5220
3/12/2015 07:10	688	0.037	5230
3/12/2015 07:20	687	0.036	5240
3/12/2015 07:30	688	0.036	5250
3/12/2015 07:40	688	Invalid Data	5250
3/12/2015 07:50	688	Invalid Data	5250
3/12/2015 08:00	688	Invalid Data	5250
3/12/2015 08:10	688	0.042	5260
3/12/2015 08:20	688	0.039	5270
3/12/2015 08:30	701	0.042	5280
3/12/2015 08:40	700	0.039	5290
3/12/2015 08:50	700	0.039	5300
3/12/2015 09:00	700	0.034	5310
3/12/2015 09:10	700	0.033	5320
3/12/2015 09:20	700	0.035	5330

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040



State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -120 hr  
 0.07  
 572  
 7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/12/2015 09:30	700	0.035	5340
3/12/2015 09:40	693	0.031	5350
3/12/2015 09:50	690	0.023	5360
3/12/2015 10:00	687	0.026	5370
3/12/2015 10:10	684	0.025	5380
3/12/2015 10:20	685	0.026	5390
3/12/2015 10:30	685	0.022	5400
3/12/2015 10:40	685	0.020	5410
3/12/2015 10:50	685	0.022	5420
3/12/2015 11:00	685	0.024	5430
3/12/2015 11:10	685	0.024	5440
3/12/2015 11:20	685	0.025	5450
3/12/2015 11:30	685	0.024	5460
3/12/2015 11:40	685	0.023	5470
3/12/2015 11:50	685	0.024	5480
3/12/2015 12:00	685	0.024	5490
3/12/2015 12:10	685	0.024	5500
3/12/2015 12:20	685	0.025	5510
3/12/2015 12:30	685	0.025	5520
3/12/2015 12:40	685	0.024	5530
3/12/2015 12:50	685	0.024	5540
3/12/2015 13:00	685	0.024	5550
3/12/2015 13:10	685	0.022	5560
3/12/2015 13:20	685	0.023	5570
3/12/2015 13:30	685	0.025	5580
3/12/2015 13:40	685	0.025	5590
3/12/2015 13:50	685	0.026	5600
3/12/2015 14:00	685	0.025	5610
3/12/2015 14:10	684	0.022	5620
3/12/2015 14:20	686	0.026	5630
3/12/2015 14:30	685	0.024	5640
3/12/2015 14:40	685	0.024	5650
3/12/2015 14:50	685	0.028	5660
3/12/2015 15:00	685	0.041	5670
3/12/2015 15:10	685	0.037	5680
3/12/2015 15:20	685	0.035	5690
3/12/2015 15:30	685	0.034	5700
3/12/2015 15:40	685	0.034	5710
3/12/2015 15:50	685	0.035	5720
3/12/2015 16:00	685	0.035	5730
3/12/2015 16:10	685	0.036	5740
3/12/2015 16:20	685	0.034	5750
3/12/2015 16:30	685	0.036	5760
3/12/2015 16:40	685	0.036	5770
3/12/2015 16:50	685	0.035	5780
3/12/2015 17:00	685	0.034	5790





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
TEST  
Emission Limit, lb/MMBtu  
Min. Load, MW  
Target, minutes

Missouri  
NOx -120 hr  
0.07  
572  
7200

**120 - Hr NOx Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/12/2015 17:10	685	0.036	5800
3/12/2015 17:20	685	0.037	5810
3/12/2015 17:30	685	0.041	5820
3/12/2015 17:40	685	0.041	5830
3/12/2015 17:50	672	0.039	5840
3/12/2015 18:00	638	0.026	5850
3/12/2015 18:10	613	0.024	5860
3/12/2015 18:20	586	0.036	5870
3/12/2015 18:30	585	0.039	5880
3/12/2015 18:40	585	0.035	5890
3/12/2015 18:50	585	0.040	5900
3/12/2015 19:00	585	0.039	5910
3/12/2015 19:10	585	0.043	5920
3/12/2015 19:20	585	0.042	5930
3/12/2015 19:30	584	0.043	5940
3/12/2015 19:40	585	0.043	5950
3/12/2015 19:50	585	0.043	5960
3/12/2015 20:00	585	0.037	5970
3/12/2015 20:10	585	0.043	5980
3/12/2015 20:20	585	0.043	5990
3/12/2015 20:30	585	0.042	6000
3/12/2015 20:40	585	0.043	6010
3/12/2015 20:50	585	0.043	6020
3/12/2015 21:00	585	0.042	6030
3/12/2015 21:10	585	0.044	6040
3/12/2015 21:20	585	0.043	6050
3/12/2015 21:30	585	0.043	6060
3/12/2015 21:40	585	0.043	6070
3/12/2015 21:50	585	0.042	6080
3/12/2015 22:00	585	0.043	6090
3/12/2015 22:10	584	0.044	6100
3/12/2015 22:20	586	0.042	6110
3/12/2015 22:30	585	0.043	6120
3/12/2015 22:40	585	0.043	6130
3/12/2015 22:50	585	0.042	6140
3/12/2015 23:00	585	0.044	6150
3/12/2015 23:10	585	0.044	6160
3/12/2015 23:20	585	0.042	6170
3/12/2015 23:30	585	0.042	6180
3/12/2015 23:40	586	0.042	6190
3/12/2015 23:50	585	0.044	6200
3/13/2015 00:00	585	0.040	6210
3/13/2015 00:10	584	0.043	6220
3/13/2015 00:20	585	0.043	6230
3/13/2015 00:30	585	0.042	6240
3/13/2015 00:40	584	0.041	6250

**Unit 2**



Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
**TEST**  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -120 hr  
 0.07  
 572  
 7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/13/2015 00:50	587	0.042	6260
3/13/2015 01:00	591	0.042	6270
3/13/2015 01:10	600	0.042	6280
3/13/2015 01:20	622	0.046	6290
3/13/2015 01:30	631	0.045	6300
3/13/2015 01:40	654	0.048	6310
3/13/2015 01:50	678	0.052	6320
3/13/2015 02:00	689	0.056	6330
3/13/2015 02:10	674	0.042	6340
3/13/2015 02:20	681	0.046	6350
3/13/2015 02:30	686	0.043	6360
3/13/2015 02:40	685	0.045	6370
3/13/2015 02:50	683	0.042	6380
3/13/2015 03:00	673	0.037	6390
3/13/2015 03:10	687	0.046	6400
3/13/2015 03:20	684	0.043	6410
3/13/2015 03:30	685	0.045	6420
3/13/2015 03:40	685	0.044	6430
3/13/2015 03:50	685	0.042	6440
3/13/2015 04:00	685	0.044	6450
3/13/2015 04:10	685	0.044	6460
3/13/2015 04:20	685	0.042	6470
3/13/2015 04:30	684	0.043	6480
3/13/2015 04:40	686	0.042	6490
3/13/2015 04:50	686	0.043	6500
3/13/2015 05:00	685	0.041	6510
3/13/2015 05:10	686	0.043	6520
3/13/2015 05:20	685	0.043	6530
3/13/2015 05:30	687	0.044	6540
3/13/2015 05:40	687	0.043	6550
3/13/2015 05:50	687	0.042	6560
3/13/2015 06:00	687	0.046	6570
3/13/2015 06:10	686	0.042	6580
3/13/2015 06:20	685	0.040	6590
3/13/2015 06:30	687	0.045	6600
3/13/2015 06:40	687	0.041	6610
3/13/2015 06:50	684	0.042	6620
3/13/2015 07:00	686	0.044	6630
3/13/2015 07:10	698	0.048	6640
3/13/2015 07:20	701	0.043	6650
3/13/2015 07:30	700	0.042	6660
3/13/2015 07:40	700	Invalid Data	6660
3/13/2015 07:50	700	Invalid Data	6660
3/13/2015 08:00	700	Invalid Data	6660
3/13/2015 08:10	700	0.041	6670
3/13/2015 08:20	700	0.041	6680



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040



State	Missouri
TEST	NOx -120 hr
Emission Limit, lb/MMBtu	0.07
Min. Load, MW	572
Target, minutes	7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	NOx	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/13/2015 08:30	700	0.043	6690
3/13/2015 08:40	700	0.044	6700
3/13/2015 08:50	700	0.042	6710
3/13/2015 09:00	700	0.046	6720
3/13/2015 09:10	697	0.044	6730
3/13/2015 09:20	695	0.039	6740
3/13/2015 09:30	695	0.044	6750
3/13/2015 09:40	695	0.041	6760
3/13/2015 09:50	695	0.042	6770
3/13/2015 10:00	695	0.042	6780
3/13/2015 10:10	695	0.044	6790
3/13/2015 10:20	695	0.043	6800
3/13/2015 10:30	695	0.041	6810
3/13/2015 10:40	695	0.044	6820
3/13/2015 10:50	695	0.041	6830
3/13/2015 11:00	695	0.043	6840
3/13/2015 11:10	695	0.043	6850
3/13/2015 11:20	695	0.042	6860
3/13/2015 11:30	695	0.043	6870
3/13/2015 11:40	695	0.043	6880
3/13/2015 11:50	695	0.042	6890
3/13/2015 12:00	695	0.051	6900
3/13/2015 12:10	695	0.043	6910
3/13/2015 12:20	695	0.044	6920
3/13/2015 12:30	695	0.041	6930
3/13/2015 12:40	695	0.042	6940
3/13/2015 12:50	695	0.042	6950
3/13/2015 13:00	695	0.043	6960
3/13/2015 13:10	695	0.043	6970
3/13/2015 13:20	695	0.044	6980
3/13/2015 13:30	695	0.045	6990
3/13/2015 13:40	695	0.043	7000
3/13/2015 13:50	695	0.043	7010
3/13/2015 14:00	695	0.042	7020
3/13/2015 14:10	695	0.043	7030
3/13/2015 14:20	695	0.041	7040
3/13/2015 14:30	695	0.041	7050
3/13/2015 14:40	695	0.043	7060
3/13/2015 14:50	695	0.043	7070
3/13/2015 15:00	695	0.043	7080
3/13/2015 15:10	695	0.042	7090
3/13/2015 15:20	695	0.042	7100
3/13/2015 15:30	695	0.042	7110
3/13/2015 15:40	695	0.046	7120
3/13/2015 15:50	695	0.043	7130
3/13/2015 16:00	695	0.042	7140



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 NOx -120 hr  
 0.07  
 572  
 7200

**120 - Hr NOx Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	NOx Lb/MBtu	Total Compliance Time Minutes
3/13/2015 16:10	695	0.043	7150
3/13/2015 16:20	695	0.043	7160
3/13/2015 16:30	695	0.045	7170
3/13/2015 16:40	695	0.045	7180
3/13/2015 16:50	695	0.044	7190
3/13/2015 17:00	695	0.042	7200
3/13/2015 17:10	695	0.044	7210
3/13/2015 17:20	695	0.042	7220
3/13/2015 17:30	695	0.043	7230

	Load MWe	NOx -120 hr Lb/MBtu
Average Values	669	0.043
Maximum Values	703	0.069
Minimum Value	584	0.020
Minimum Target	572	
Maximum Target		0.07

## **Attachment G. 4-Hour Particulate Test Results**



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST PM<sub>10</sub> - 4 hr  
 PM<sub>10F</sub> Limit, lb/MMBtu 0.013  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.022  
 Min. Load, MW 644  
 Target, minutes 240

**4 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/19/2015 12:50	701	0.025	0.056	0
3/19/2015 13:00	700	0.027	0.061	0
3/19/2015 13:10	699	0.012	0.027	0
3/19/2015 13:20	700	0.006	0.014	10
3/19/2015 13:30	699	0.006	0.014	20
3/19/2015 13:40	701	0.006	0.014	30
3/19/2015 13:50	700	0.006	0.014	40
3/19/2015 14:00	700	0.006	0.014	50
3/19/2015 14:10	700	0.006	0.014	60
3/19/2015 14:20	699	0.006	0.014	70
3/19/2015 14:30	701	0.006	0.014	80
3/19/2015 14:40	699	0.006	0.014	90
3/19/2015 14:50	700	0.006	0.014	100
3/19/2015 15:00	701	0.006	0.014	110
3/19/2015 15:10	700	0.006	0.014	120
3/19/2015 15:20	700	0.006	0.014	130
3/19/2015 15:30	700	0.006	0.014	140
3/19/2015 15:40	699	0.006	0.014	150
3/19/2015 15:50	700	0.006	0.014	160
3/19/2015 16:00	700	0.006	0.014	170
3/19/2015 16:10	700	0.006	0.014	180
3/19/2015 16:20	700	0.006	0.014	190
3/19/2015 16:30	700	0.006	0.014	200
3/19/2015 16:40	700	0.006	0.014	210
3/19/2015 16:50	700	0.006	0.014	220
3/19/2015 17:00	700	0.006	0.014	230
3/19/2015 17:10	700	0.006	0.014	240
3/19/2015 17:20	700	0.006	0.014	250
3/19/2015 17:30	700	0.006	0.014	260
3/19/2015 17:40	700	0.006	0.014	270

	Load MWe	PM <sub>10</sub> Filt - 4 hr Lb/MBtu	PM <sub>10</sub> Total - 4 hr Lb/MBtu
Average Values	700	0.006	0.014
Maximum Values	701	0.006	0.014
Minimum Value	699	0.006	0.014
Minimum Target	644		
Maximum Target		0.013	0.022



## **Attachment H. 120-Hour Particulate Test Results**



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST PM<sub>10</sub> - 120 hr  
 PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
 Min. Load, MW 572  
 Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/19/2015 16:20	700	0.006	0.014	4 - Hour Test
3/19/2015 16:30	700	0.006	0.014	4 - Hour Test
3/19/2015 16:40	700	0.006	0.014	4 - Hour Test
3/19/2015 16:50	700	0.006	0.014	4 - Hour Test
3/19/2015 17:00	700	0.006	0.014	4 - Hour Test
3/19/2015 17:10	700	0.006	0.014	0
3/19/2015 17:20	700	0.006	0.014	10
3/19/2015 17:30	700	0.006	0.014	20
3/19/2015 17:40	700	0.006	0.014	30
3/19/2015 17:50	700	0.006	0.014	40
3/19/2015 18:00	700	0.006	0.014	50
3/19/2015 18:10	697	0.006	0.014	60
3/19/2015 18:20	696	0.006	0.014	70
3/19/2015 18:30	694	0.006	0.014	80
3/19/2015 18:40	691	0.006	0.014	90
3/19/2015 18:50	689	0.006	0.014	100
3/19/2015 19:00	690	0.006	0.014	110
3/19/2015 19:10	690	0.006	0.014	120
3/19/2015 19:20	689	0.006	0.014	130
3/19/2015 19:30	690	0.006	0.014	140
3/19/2015 19:40	690	0.006	0.014	150
3/19/2015 19:50	689	0.006	0.014	160
3/19/2015 20:00	691	0.006	0.014	170
3/19/2015 20:10	688	0.006	0.014	180
3/19/2015 20:20	690	0.006	0.014	190
3/19/2015 20:30	689	0.006	0.014	200
3/19/2015 20:40	688	0.006	0.014	210
3/19/2015 20:50	691	0.006	0.014	220
3/19/2015 21:00	684	0.006	0.014	230
3/19/2015 21:10	663	0.006	0.014	240
3/19/2015 21:20	653	0.006	0.014	250
3/19/2015 21:30	643	0.006	0.014	260
3/19/2015 21:40	636	0.006	0.014	270
3/19/2015 21:50	634	0.006	0.014	280
3/19/2015 22:00	631	0.006	0.014	290
3/19/2015 22:10	630	0.006	0.014	300
3/19/2015 22:20	630	0.006	0.014	310

**Unit 2**



Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST PM<sub>10</sub> - 120 hr  
 PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
 Min. Load, MW 572  
 Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Lb/MMBtu	Minutes
3/19/2015 22:30	623	0.006	0.014	320
3/19/2015 22:40	618	0.006	0.014	330
3/19/2015 22:50	615	0.006	0.014	340
3/19/2015 23:00	621	0.006	0.014	350
3/19/2015 23:10	625	0.006	0.014	360
3/19/2015 23:20	622	0.006	0.014	370
3/19/2015 23:30	626	0.006	0.014	380
3/19/2015 23:40	626	0.006	0.014	390
3/19/2015 23:50	626	0.006	0.014	400
3/20/2015 00:00	625	0.006	0.014	410
3/20/2015 00:10	624	0.006	0.014	420
3/20/2015 00:20	625	0.006	0.014	430
3/20/2015 00:30	624	0.006	0.014	440
3/20/2015 00:40	623	0.006	0.014	450
3/20/2015 00:50	622	0.006	0.014	460
3/20/2015 01:00	622	0.006	0.014	470
3/20/2015 01:10	621	0.006	0.014	480
3/20/2015 01:20	620	0.006	0.014	490
3/20/2015 01:30	621	0.006	0.014	500
3/20/2015 01:40	619	0.006	0.014	510
3/20/2015 01:50	619	0.006	0.014	520
3/20/2015 02:00	619	0.006	0.014	530
3/20/2015 02:10	618	0.006	0.014	540
3/20/2015 02:20	618	0.006	0.014	550
3/20/2015 02:30	618	0.006	0.014	560
3/20/2015 02:40	617	0.006	0.014	570
3/20/2015 02:50	617	0.006	0.014	580
3/20/2015 03:00	616	0.006	0.014	590
3/20/2015 03:10	614	0.006	0.014	600
3/20/2015 03:20	613	0.006	0.014	610
3/20/2015 03:30	613	0.006	0.014	620
3/20/2015 03:40	612	0.006	0.014	630
3/20/2015 03:50	612	0.006	0.014	640
3/20/2015 04:00	611	0.006	0.014	650
3/20/2015 04:10	611	0.006	0.014	660
3/20/2015 04:20	609	0.006	0.014	670
3/20/2015 04:30	609	0.006	0.014	680
3/20/2015 04:40	608	0.006	0.014	690



**Unit 2**



State

Missouri

TEST

PM<sub>10</sub> - 120 hr

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
 Min. Load, MW 572  
 Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Lb/MMBtu	Minutes
3/20/2015 04:50	607	0.006	0.014	700
3/20/2015 05:00	610	0.006	0.014	710
3/20/2015 05:10	614	0.006	0.014	720
3/20/2015 05:20	626	0.006	0.014	730
3/20/2015 05:30	643	0.006	0.014	740
3/20/2015 05:40	667	0.006	0.014	750
3/20/2015 05:50	698	0.006	0.014	760
3/20/2015 06:00	700	0.006	0.014	770
3/20/2015 06:10	700	Invalid Data	Invalid Data	770
3/20/2015 06:20	700	Invalid Data	Invalid Data	770
3/20/2015 06:30	700	Invalid Data	Invalid Data	770
3/20/2015 06:40	700	0.006	0.014	780
3/20/2015 06:50	700	0.006	0.014	790
3/20/2015 07:00	700	0.006	0.014	800
3/20/2015 07:10	700	0.006	0.014	810
3/20/2015 07:20	700	0.006	0.014	820
3/20/2015 07:30	700	0.006	0.014	830
3/20/2015 07:40	700	0.006	0.014	840
3/20/2015 07:50	700	0.006	0.014	850
3/20/2015 08:00	700	0.006	0.014	860
3/20/2015 08:10	700	0.006	0.014	870
3/20/2015 08:20	700	0.006	0.014	880
3/20/2015 08:30	700	0.006	0.014	890
3/20/2015 08:40	700	0.006	0.014	900
3/20/2015 08:50	699	0.006	0.014	910
3/20/2015 09:00	701	0.006	0.014	920
3/20/2015 09:10	700	0.006	0.014	930
3/20/2015 09:20	700	0.006	0.014	940
3/20/2015 09:30	700	0.006	0.014	950
3/20/2015 09:40	700	0.006	0.014	960
3/20/2015 09:50	699	0.006	0.014	970
3/20/2015 10:00	700	0.006	0.014	980
3/20/2015 10:10	700	0.006	0.014	990
3/20/2015 10:20	700	0.006	0.014	1000
3/20/2015 10:30	701	0.006	0.014	1010
3/20/2015 10:40	700	0.006	0.014	1020
3/20/2015 10:50	700	0.006	0.014	1030
3/20/2015 11:00	700	0.006	0.014	1040





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST PM<sub>10</sub> - 120 hr  
PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
Min. Load, MW 572  
Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Lb/MMBtu	Minutes
3/20/2015 11:10	700	0.006	0.014	1050
3/20/2015 11:20	700	0.006	0.014	1060
3/20/2015 11:30	700	0.006	0.014	1070
3/20/2015 11:40	699	0.006	0.014	1080
3/20/2015 11:50	700	0.006	0.014	1090
3/20/2015 12:00	700	0.006	0.014	1100
3/20/2015 12:10	699	0.006	0.014	1110
3/20/2015 12:20	701	0.006	0.014	1120
3/20/2015 12:30	699	0.006	0.014	1130
3/20/2015 12:40	700	0.006	0.014	1140
3/20/2015 12:50	700	0.006	0.014	1150
3/20/2015 13:00	699	0.006	0.014	1160
3/20/2015 13:10	700	0.006	0.014	1170
3/20/2015 13:20	700	0.006	0.014	1180
3/20/2015 13:30	700	0.006	0.014	1190
3/20/2015 13:40	700	0.006	0.014	1200
3/20/2015 13:50	700	0.006	0.014	1210
3/20/2015 14:00	700	0.006	0.014	1220
3/20/2015 14:10	700	0.006	0.014	1230
3/20/2015 14:20	700	0.006	0.014	1240
3/20/2015 14:30	700	0.006	0.014	1250
3/20/2015 14:40	699	0.006	0.014	1260
3/20/2015 14:50	701	0.006	0.014	1270
3/20/2015 15:00	700	0.006	0.014	1280
3/20/2015 15:10	700	0.006	0.014	1290
3/20/2015 15:20	700	0.006	0.014	1300
3/20/2015 15:30	700	0.006	0.014	1310
3/20/2015 15:40	700	0.006	0.014	1320
3/20/2015 15:50	700	0.006	0.014	1330
3/20/2015 16:00	700	0.006	0.014	1340
3/20/2015 16:10	700	0.006	0.014	1350
3/20/2015 16:20	700	0.006	0.014	1360
3/20/2015 16:30	700	0.006	0.014	1370
3/20/2015 16:40	700	0.006	0.014	1380
3/20/2015 16:50	700	0.006	0.014	1390
3/20/2015 17:00	700	0.006	0.014	1400
3/20/2015 17:10	699	0.006	0.014	1410
3/20/2015 17:20	699	0.006	0.014	1420



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST PM<sub>10</sub> - 120 hr  
 PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
 Min. Load, MW 572  
 Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/20/2015 17:30	701	0.006	0.014	1430
3/20/2015 17:40	700	0.006	0.014	1440
3/20/2015 17:50	700	0.006	0.014	1450
3/20/2015 18:00	700	0.006	0.014	1460
3/20/2015 18:10	700	0.006	0.014	1470
3/20/2015 18:20	699	0.006	0.014	1480
3/20/2015 18:30	696	0.006	0.014	1490
3/20/2015 18:40	692	0.006	0.014	1500
3/20/2015 18:50	688	0.006	0.014	1510
3/20/2015 19:00	687	0.006	0.014	1520
3/20/2015 19:10	687	0.006	0.014	1530
3/20/2015 19:20	689	0.006	0.014	1540
3/20/2015 19:30	688	0.006	0.014	1550
3/20/2015 19:40	686	0.006	0.014	1560
3/20/2015 19:50	676	0.006	0.014	1570
3/20/2015 20:00	683	0.006	0.014	1580
3/20/2015 20:10	675	0.006	0.014	1590
3/20/2015 20:20	662	0.006	0.014	1600
3/20/2015 20:30	661	0.006	0.014	1610
3/20/2015 20:40	668	0.006	0.014	1620
3/20/2015 20:50	672	0.006	0.014	1630
3/20/2015 21:00	673	0.006	0.014	1640
3/20/2015 21:10	682	0.006	0.014	1650
3/20/2015 21:20	687	0.006	0.014	1660
3/20/2015 21:30	682	0.006	0.014	1670
3/20/2015 21:40	682	0.006	0.014	1680
3/20/2015 21:50	673	0.006	0.014	1690
3/20/2015 22:00	670	0.006	0.014	1700
3/20/2015 22:10	668	0.006	0.014	1710
3/20/2015 22:20	662	0.006	0.014	1720
3/20/2015 22:30	657	0.006	0.014	1730
3/20/2015 22:40	661	0.006	0.014	1740
3/20/2015 22:50	664	0.006	0.014	1750
3/20/2015 23:00	656	0.006	0.014	1760
3/20/2015 23:10	649	0.006	0.014	1770
3/20/2015 23:20	632	0.006	0.014	1780
3/20/2015 23:30	630	0.006	0.014	1790
3/20/2015 23:40	624	0.006	0.014	1800





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST PM<sub>10</sub> - 120 hr  
PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
Min. Load, MW 572  
Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/20/2015 23:50	627	0.006	0.014	1810
3/21/2015 00:00	630	0.006	0.014	1820
3/21/2015 00:10	622	0.006	0.014	1830
3/21/2015 00:20	618	0.006	0.014	1840
3/21/2015 00:30	612	0.006	0.014	1850
3/21/2015 00:40	612	0.006	0.014	1860
3/21/2015 00:50	611	0.006	0.014	1870
3/21/2015 01:00	610	0.006	0.014	1880
3/21/2015 01:10	617	0.006	0.014	1890
3/21/2015 01:20	635	0.006	0.014	1900
3/21/2015 01:30	626	0.006	0.014	1910
3/21/2015 01:40	617	0.006	0.014	1920
3/21/2015 01:50	623	0.006	0.014	1930
3/21/2015 02:00	626	0.006	0.014	1940
3/21/2015 02:10	620	0.006	0.014	1950
3/21/2015 02:20	619	0.006	0.014	1960
3/21/2015 02:30	618	0.006	0.014	1970
3/21/2015 02:40	612	0.006	0.014	1980
3/21/2015 02:50	620	0.006	0.014	1990
3/21/2015 03:00	631	0.006	0.014	2000
3/21/2015 03:10	634	0.006	0.014	2010
3/21/2015 03:20	630	0.006	0.014	2020
3/21/2015 03:30	635	0.006	0.014	2030
3/21/2015 03:40	630	0.006	0.014	2040
3/21/2015 03:50	624	0.006	0.014	2050
3/21/2015 04:00	628	0.006	0.014	2060
3/21/2015 04:10	629	0.006	0.014	2070
3/21/2015 04:20	622	0.006	0.014	2080
3/21/2015 04:30	617	0.006	0.014	2090
3/21/2015 04:40	622	0.006	0.014	2100
3/21/2015 04:50	623	0.006	0.014	2110
3/21/2015 05:00	621	0.006	0.014	2120
3/21/2015 05:10	640	0.006	0.014	2130
3/21/2015 05:20	654	0.006	0.014	2140
3/21/2015 05:30	669	0.006	0.014	2150
3/21/2015 05:40	684	0.006	0.014	2160
3/21/2015 05:50	701	0.006	0.014	2170
3/21/2015 06:00	699	0.006	0.014	2180

**Unit 2**



Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST PM<sub>10</sub> - 120 hr  
 PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
 Min. Load, MW 572  
 Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/21/2015 06:10	700	Invalid Data	Invalid Data	2180
3/21/2015 06:20	700	Invalid Data	Invalid Data	2180
3/21/2015 06:30	700	Invalid Data	Invalid Data	2180
3/21/2015 06:40	700	0.006	0.014	2190
3/21/2015 06:50	698	0.006	0.014	2200
3/21/2015 07:00	698	0.006	0.014	2210
3/21/2015 07:10	696	0.006	0.014	2220
3/21/2015 07:20	693	0.006	0.014	2230
3/21/2015 07:30	690	0.006	0.014	2240
3/21/2015 07:40	689	0.006	0.014	2250
3/21/2015 07:50	689	0.006	0.014	2260
3/21/2015 08:00	688	0.006	0.014	2270
3/21/2015 08:10	682	0.006	0.014	2280
3/21/2015 08:20	680	0.006	0.014	2290
3/21/2015 08:30	681	0.006	0.014	2300
3/21/2015 08:40	683	0.006	0.014	2310
3/21/2015 08:50	680	0.006	0.014	2320
3/21/2015 09:00	683	0.006	0.014	2330
3/21/2015 09:10	679	0.006	0.014	2340
3/21/2015 09:20	680	0.006	0.014	2350
3/21/2015 09:30	679	0.006	0.014	2360
3/21/2015 09:40	680	0.006	0.014	2370
3/21/2015 09:50	680	0.006	0.014	2380
3/21/2015 10:00	679	0.006	0.014	2390
3/21/2015 10:10	673	0.006	0.014	2400
3/21/2015 10:20	676	0.006	0.014	2410
3/21/2015 10:30	671	0.006	0.014	2420
3/21/2015 10:40	672	0.006	0.014	2430
3/21/2015 10:50	671	0.006	0.014	2440
3/21/2015 11:00	672	0.006	0.014	2450
3/21/2015 11:10	670	0.006	0.014	2460
3/21/2015 11:20	657	0.006	0.014	2470
3/21/2015 11:30	644	0.006	0.014	2480
3/21/2015 11:40	632	0.006	0.014	2490
3/21/2015 11:50	625	0.006	0.014	2500
3/21/2015 12:00	617	0.006	0.014	2510
3/21/2015 12:10	628	0.006	0.014	2520
3/21/2015 12:20	630	0.006	0.014	2530





**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State: Missouri  
 TEST: PM<sub>10</sub> - 120 hr  
 PM<sub>10F</sub> Limit, lb/MMBtu: 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu: 0.023  
 Min. Load, MW: 572  
 Target, minutes: 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Lb/MMBtu	Minutes
3/21/2015 12:30	638	0.006	0.014	2540
3/21/2015 12:40	639	0.006	0.014	2550
3/21/2015 12:50	643	0.006	0.014	2560
3/21/2015 13:00	653	0.006	0.014	2570
3/21/2015 13:10	642	0.006	0.014	2580
3/21/2015 13:20	640	0.006	0.014	2590
3/21/2015 13:30	638	0.006	0.014	2600
3/21/2015 13:40	631	0.006	0.014	2610
3/21/2015 13:50	628	0.006	0.014	2620
3/21/2015 14:00	633	0.006	0.014	2630
3/21/2015 14:10	631	0.006	0.014	2640
3/21/2015 14:20	639	0.006	0.014	2650
3/21/2015 14:30	629	0.006	0.014	2660
3/21/2015 14:40	625	0.006	0.014	2670
3/21/2015 14:50	627	0.006	0.014	2680
3/21/2015 15:00	631	0.006	0.014	2690
3/21/2015 15:10	625	0.006	0.014	2700
3/21/2015 15:20	618	0.006	0.014	2710
3/21/2015 15:30	615	0.006	0.014	2720
3/21/2015 15:40	606	0.006	0.014	2730
3/21/2015 15:50	607	0.006	0.014	2740
3/21/2015 16:00	607	0.006	0.014	2750
3/21/2015 16:10	605	0.006	0.014	2760
3/21/2015 16:20	603	0.006	0.014	2770
3/21/2015 16:30	608	0.006	0.014	2780
3/21/2015 16:40	607	0.006	0.014	2790
3/21/2015 16:50	600	0.006	0.014	2800
3/21/2015 17:00	601	0.006	0.014	2810
3/21/2015 17:10	612	0.006	0.014	2820
3/21/2015 17:20	604	0.006	0.014	2830
3/21/2015 17:30	600	0.006	0.014	2840
3/21/2015 17:40	603	0.006	0.014	2850
3/21/2015 17:50	599	0.006	0.014	2860
3/21/2015 18:00	596	0.006	0.014	2870
3/21/2015 18:10	599	0.006	0.014	2880
3/21/2015 18:20	605	0.006	0.014	2890
3/21/2015 18:30	607	0.006	0.014	2900
3/21/2015 18:40	607	0.006	0.014	2910



**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST PM<sub>10</sub> - 120 hr  
PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
Min. Load, MW 572  
Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Lb/MMBtu	Minutes
3/21/2015 18:50	610	0.006	0.014	2920
3/21/2015 19:00	622	0.006	0.014	2930
3/21/2015 19:10	632	0.006	0.014	2940
3/21/2015 19:20	631	0.006	0.014	2950
3/21/2015 19:30	622	0.006	0.014	2960
3/21/2015 19:40	615	0.006	0.014	2970
3/21/2015 19:50	612	0.006	0.014	2980
3/21/2015 20:00	602	0.006	0.014	2990
3/21/2015 20:10	592	0.006	0.014	3000
3/21/2015 20:20	589	0.006	0.014	3010
3/21/2015 20:30	595	0.006	0.014	3020
3/21/2015 20:40	602	0.006	0.014	3030
3/21/2015 20:50	608	0.006	0.014	3040
3/21/2015 21:00	598	0.006	0.014	3050
3/21/2015 21:10	590	0.006	0.014	3060
3/21/2015 21:20	587	0.006	0.014	3070
3/21/2015 21:30	585	0.006	0.014	3080
3/21/2015 21:40	585	0.006	0.014	3090
3/21/2015 21:50	585	0.006	0.014	3100
3/21/2015 22:00	585	0.006	0.014	3110
3/21/2015 22:10	585	0.006	0.014	3120
3/21/2015 22:20	585	0.006	0.014	3130
3/21/2015 22:30	585	0.006	0.014	3140
3/21/2015 22:40	585	0.006	0.014	3150
3/21/2015 22:50	585	0.006	0.014	3160
3/21/2015 23:00	585	0.006	0.014	3170
3/21/2015 23:10	587	0.006	0.014	3180
3/21/2015 23:20	587	0.006	0.014	3190
3/21/2015 23:30	584	0.006	0.014	3200
3/21/2015 23:40	586	0.006	0.014	3210
3/21/2015 23:50	585	0.006	0.014	3220
3/22/2015 00:00	585	0.006	0.014	3230
3/22/2015 00:10	585	0.006	0.014	3240
3/22/2015 00:20	585	0.006	0.014	3250
3/22/2015 00:30	585	0.006	0.014	3260
3/22/2015 00:40	585	0.006	0.014	3270
3/22/2015 00:50	585	0.006	0.014	3280
3/22/2015 01:00	585	0.006	0.014	3290





**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST PM<sub>10</sub> - 120 hr  
 PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
 Min. Load, MW 572  
 Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/22/2015 01:10	585	0.006	0.014	3300
3/22/2015 01:20	585	0.006	0.014	3310
3/22/2015 01:30	585	0.006	0.014	3320
3/22/2015 01:40	585	0.006	0.014	3330
3/22/2015 01:50	585	0.006	0.014	3340
3/22/2015 02:00	585	0.006	0.014	3350
3/22/2015 02:10	585	0.006	0.014	3360
3/22/2015 02:20	585	0.006	0.014	3370
3/22/2015 02:30	585	0.006	0.014	3380
3/22/2015 02:40	585	0.006	0.014	3390
3/22/2015 02:50	584	0.006	0.014	3400
3/22/2015 03:00	585	0.006	0.014	3410
3/22/2015 03:10	585	0.006	0.014	3420
3/22/2015 03:20	588	0.006	0.014	3430
3/22/2015 03:30	598	0.006	0.014	3440
3/22/2015 03:40	607	0.006	0.014	3450
3/22/2015 03:50	614	0.006	0.014	3460
3/22/2015 04:00	623	0.006	0.014	3470
3/22/2015 04:10	629	0.006	0.014	3480
3/22/2015 04:20	631	0.006	0.014	3490
3/22/2015 04:30	627	0.006	0.014	3500
3/22/2015 04:40	623	0.006	0.014	3510
3/22/2015 04:50	622	0.006	0.014	3520
3/22/2015 05:00	614	0.006	0.014	3530
3/22/2015 05:10	617	0.006	0.014	3540
3/22/2015 05:20	617	0.006	0.014	3550
3/22/2015 05:30	622	0.006	0.014	3560
3/22/2015 05:40	622	0.006	0.014	3570
3/22/2015 05:50	623	0.006	0.014	3580
3/22/2015 06:00	624	0.006	0.014	3590
3/22/2015 06:10	624	Invalid Data	Invalid Data	3590
3/22/2015 06:20	624	Invalid Data	Invalid Data	3590
3/22/2015 06:30	621	Invalid Data	Invalid Data	3590
3/22/2015 06:40	622	Invalid Data	Invalid Data	3590
3/22/2015 06:50	622	Invalid Data	Invalid Data	3590
3/22/2015 07:00	615	Invalid Data	Invalid Data	3590
3/22/2015 07:10	616	0.006	0.014	3600
3/22/2015 07:20	631	0.006	0.014	3610



**Unit 2**



Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
 Min. Load, MW 572  
 Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/22/2015 07:30	640	0.006	0.014	3620
3/22/2015 07:40	648	0.006	0.014	3630
3/22/2015 07:50	650	0.006	0.014	3640
3/22/2015 08:00	657	0.006	0.014	3650
3/22/2015 08:10	643	0.006	0.014	3660
3/22/2015 08:20	645	0.006	0.014	3670
3/22/2015 08:30	652	0.006	0.014	3680
3/22/2015 08:40	661	0.006	0.014	3690
3/22/2015 08:50	665	0.006	0.014	3700
3/22/2015 09:00	670	0.006	0.014	3710
3/22/2015 09:10	660	0.006	0.014	3720
3/22/2015 09:20	657	0.006	0.014	3730
3/22/2015 09:30	656	0.006	0.014	3740
3/22/2015 09:40	656	0.006	0.014	3750
3/22/2015 09:50	653	0.006	0.014	3760
3/22/2015 10:00	645	0.006	0.014	3770
3/22/2015 10:10	638	0.006	0.014	3780
3/22/2015 10:20	655	0.006	0.014	3790
3/22/2015 10:30	656	0.006	0.014	3800
3/22/2015 10:40	655	0.006	0.014	3810
3/22/2015 10:50	652	0.006	0.014	3820
3/22/2015 11:00	650	0.006	0.014	3830
3/22/2015 11:10	648	0.006	0.014	3840
3/22/2015 11:20	648	0.006	0.014	3850
3/22/2015 11:30	656	0.006	0.014	3860
3/22/2015 11:40	668	0.006	0.014	3870
3/22/2015 11:50	660	0.006	0.014	3880
3/22/2015 12:00	658	0.006	0.014	3890
3/22/2015 12:10	664	0.006	0.014	3900
3/22/2015 12:20	660	0.006	0.014	3910
3/22/2015 12:30	661	0.006	0.014	3920
3/22/2015 12:40	672	0.006	0.014	3930
3/22/2015 12:50	665	0.006	0.014	3940
3/22/2015 13:00	667	0.006	0.014	3950
3/22/2015 13:10	674	0.006	0.014	3960
3/22/2015 13:20	673	0.006	0.014	3970
3/22/2015 13:30	669	0.006	0.014	3980
3/22/2015 13:40	663	0.006	0.014	3990



**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST PM<sub>10</sub> - 120 hr  
PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
Min. Load, MW 572  
Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/22/2015 13:50	653	0.006	0.014	4000
3/22/2015 14:00	652	0.006	0.014	4010
3/22/2015 14:10	643	0.006	0.014	4020
3/22/2015 14:20	633	0.006	0.014	4030
3/22/2015 14:30	640	0.006	0.014	4040
3/22/2015 14:40	646	0.006	0.014	4050
3/22/2015 14:50	646	0.006	0.014	4060
3/22/2015 15:00	639	0.006	0.014	4070
3/22/2015 15:10	645	0.006	0.014	4080
3/22/2015 15:20	659	0.006	0.014	4090
3/22/2015 15:30	664	0.006	0.014	4100
3/22/2015 15:40	662	0.006	0.014	4110
3/22/2015 15:50	671	0.006	0.014	4120
3/22/2015 16:00	674	0.006	0.014	4130
3/22/2015 16:10	675	0.006	0.014	4140
3/22/2015 16:20	676	0.006	0.014	4150
3/22/2015 16:30	681	0.006	0.014	4160
3/22/2015 16:40	677	0.006	0.014	4170
3/22/2015 16:50	673	0.006	0.014	4180
3/22/2015 17:00	667	0.006	0.014	4190
3/22/2015 17:10	659	0.006	0.014	4200
3/22/2015 17:20	661	0.006	0.014	4210
3/22/2015 17:30	667	0.006	0.014	4220
3/22/2015 17:40	653	0.006	0.014	4230
3/22/2015 17:50	658	0.006	0.014	4240
3/22/2015 18:00	651	0.006	0.014	4250
3/22/2015 18:10	649	0.006	0.014	4260
3/22/2015 18:20	651	0.006	0.014	4270
3/22/2015 18:30	652	0.006	0.014	4280
3/22/2015 18:40	660	0.006	0.014	4290
3/22/2015 18:50	665	0.006	0.014	4300
3/22/2015 19:00	675	0.006	0.014	4310
3/22/2015 19:10	685	0.006	0.014	4320
3/22/2015 19:20	682	0.006	0.014	4330
3/22/2015 19:30	680	0.006	0.014	4340
3/22/2015 19:40	676	0.006	0.014	4350
3/22/2015 19:50	669	0.006	0.014	4360
3/22/2015 20:00	659	0.006	0.014	4370





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST PM<sub>10</sub> - 120 hr  
PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
Min. Load, MW 572  
Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Lb/MMBtu	Minutes
3/22/2015 20:10	648	0.006	0.014	4380
3/22/2015 20:20	644	0.006	0.014	4390
3/22/2015 20:30	623	0.006	0.014	4400
3/22/2015 20:40	607	0.006	0.014	4410
3/22/2015 20:50	603	0.006	0.014	4420
3/22/2015 21:00	597	0.006	0.014	4430
3/22/2015 21:10	591	0.006	0.014	4440
3/22/2015 21:20	585	0.006	0.014	4450
3/22/2015 21:30	585	0.006	0.014	4460
3/22/2015 21:40	585	0.006	0.014	4470
3/22/2015 21:50	586	0.006	0.014	4480
3/22/2015 22:00	585	0.006	0.014	4490
3/22/2015 22:10	586	0.006	0.014	4500
3/22/2015 22:20	585	0.006	0.014	4510
3/22/2015 22:30	585	0.006	0.014	4520
3/22/2015 22:40	585	0.006	0.014	4530
3/22/2015 22:50	585	0.006	0.014	4540
3/22/2015 23:00	588	0.006	0.014	4550
3/22/2015 23:10	586	0.006	0.014	4560
3/22/2015 23:20	585	0.006	0.014	4570
3/22/2015 23:30	585	0.006	0.014	4580
3/22/2015 23:40	585	0.006	0.014	4590
3/22/2015 23:50	585	0.006	0.014	4600
3/23/2015 00:00	584	0.006	0.014	4610
3/23/2015 00:10	586	0.006	0.014	4620
3/23/2015 00:20	585	0.006	0.014	4630
3/23/2015 00:30	585	0.006	0.014	4640
3/23/2015 00:40	585	0.006	0.014	4650
3/23/2015 00:50	586	0.006	0.014	4660
3/23/2015 01:00	587	0.006	0.014	4670
3/23/2015 01:10	597	0.006	0.014	4680
3/23/2015 01:20	598	0.006	0.014	4690
3/23/2015 01:30	586	0.006	0.014	4700
3/23/2015 01:40	585	0.006	0.014	4710
3/23/2015 01:50	585	0.006	0.014	4720
3/23/2015 02:00	585	0.006	0.014	4730
3/23/2015 02:10	585	0.006	0.014	4740
3/23/2015 02:20	586	0.006	0.014	4750





**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST PM<sub>10</sub> - 120 hr  
 PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
 Min. Load, MW 572  
 Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Lb/MMBtu	Minutes
3/23/2015 02:30	584	0.006	0.014	4760
3/23/2015 02:40	585	0.006	0.014	4770
3/23/2015 02:50	585	0.006	0.014	4780
3/23/2015 03:00	585	0.006	0.014	4790
3/23/2015 03:10	585	0.006	0.014	4800
3/23/2015 03:20	585	0.006	0.014	4810
3/23/2015 03:30	585	0.006	0.014	4820
3/23/2015 03:40	587	0.006	0.014	4830
3/23/2015 03:50	585	0.006	0.014	4840
3/23/2015 04:00	590	0.006	0.014	4850
3/23/2015 04:10	604	0.006	0.014	4860
3/23/2015 04:20	605	0.006	0.014	4870
3/23/2015 04:30	591	0.006	0.014	4880
3/23/2015 04:40	597	0.006	0.014	4890
3/23/2015 04:50	589	0.006	0.014	4900
3/23/2015 05:00	585	0.006	0.014	4910
3/23/2015 05:10	594	0.006	0.014	4920
3/23/2015 05:20	610	0.006	0.014	4930
3/23/2015 05:30	610	0.006	0.014	4940
3/23/2015 05:40	603	0.006	0.014	4950
3/23/2015 05:50	610	0.006	0.014	4960
3/23/2015 06:00	608	0.006	0.014	4970
3/23/2015 06:10	605	0.006	0.014	4980
3/23/2015 06:20	596	0.006	0.014	4990
3/23/2015 06:30	585	0.006	0.014	5000
3/23/2015 06:40	585	0.001	0.002	5010
3/23/2015 06:50	585	0.001	0.002	5020
3/23/2015 07:00	585	0.005	0.011	5030
3/23/2015 07:10	585	0.006	0.014	5040
3/23/2015 07:20	585	0.006	0.014	5050
3/23/2015 07:30	590	0.006	0.014	5060
3/23/2015 07:40	604	0.006	0.014	5070
3/23/2015 07:50	609	0.006	0.014	5080
3/23/2015 08:00	608	0.007	0.015	5090
3/23/2015 08:10	611	0.006	0.014	5100
3/23/2015 08:20	609	0.006	0.014	5110
3/23/2015 08:30	610	0.006	0.014	5120
3/23/2015 08:40	605	0.006	0.014	5130

**Unit 2**



Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST PM<sub>10</sub> - 120 hr  
 PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
 Min. Load, MW 572  
 Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Lb/MMBtu	Minutes
3/23/2015 08:50	602	0.006	0.014	5140
3/23/2015 09:00	606	0.007	0.015	5150
3/23/2015 09:10	610	0.006	0.014	5160
3/23/2015 09:20	609	0.006	0.014	5170
3/23/2015 09:30	610	0.006	0.014	5180
3/23/2015 09:40	609	0.006	0.014	5190
3/23/2015 09:50	608	0.006	0.014	5200
3/23/2015 10:00	609	0.007	0.015	5210
3/23/2015 10:10	609	0.006	0.014	5220
3/23/2015 10:20	599	0.006	0.014	5230
3/23/2015 10:30	599	0.006	0.014	5240
3/23/2015 10:40	599	0.006	0.014	5250
3/23/2015 10:50	599	0.006	0.014	5260
3/23/2015 11:00	600	0.007	0.015	5270
3/23/2015 11:10	610	0.006	0.014	5280
3/23/2015 11:20	610	0.006	0.014	5290
3/23/2015 11:30	610	0.006	0.014	5300
3/23/2015 11:40	610	0.006	0.014	5310
3/23/2015 11:50	609	0.006	0.014	5320
3/23/2015 12:00	607	0.007	0.015	5330
3/23/2015 12:10	608	0.006	0.014	5340
3/23/2015 12:20	610	0.006	0.014	5350
3/23/2015 12:30	610	0.006	0.014	5360
3/23/2015 12:40	610	0.006	0.014	5370
3/23/2015 12:50	609	0.006	0.014	5380
3/23/2015 13:00	607	0.007	0.015	5390
3/23/2015 13:10	603	0.006	0.014	5400
3/23/2015 13:20	605	0.006	0.014	5410
3/23/2015 13:30	603	0.006	0.014	5420
3/23/2015 13:40	600	0.006	0.014	5430
3/23/2015 13:50	601	0.006	0.014	5440
3/23/2015 14:00	600	0.006	0.014	5450
3/23/2015 14:10	593	0.006	0.014	5460
3/23/2015 14:20	586	0.006	0.014	5470
3/23/2015 14:30	592	0.006	0.014	5480
3/23/2015 14:40	596	0.006	0.014	5490
3/23/2015 14:50	599	0.006	0.014	5500
3/23/2015 15:00	607	0.006	0.014	5510





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST PM<sub>10</sub> - 120 hr  
PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
Min. Load, MW 572  
Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Lb/MMBtu	Minutes
3/23/2015 15:10	610	0.006	0.014	5520
3/23/2015 15:20	628	0.006	0.014	5530
3/23/2015 15:30	636	0.006	0.014	5540
3/23/2015 15:40	644	0.006	0.014	5550
3/23/2015 15:50	653	0.006	0.014	5560
3/23/2015 16:00	657	0.006	0.014	5570
3/23/2015 16:10	663	0.006	0.014	5580
3/23/2015 16:20	649	0.007	0.017	5590
3/23/2015 16:30	642	0.006	0.014	5600
3/23/2015 16:40	637	0.006	0.014	5610
3/23/2015 16:50	637	0.006	0.014	5620
3/23/2015 17:00	629	0.006	0.014	5630
3/23/2015 17:10	617	0.006	0.014	5640
3/23/2015 17:20	618	0.006	0.014	5650
3/23/2015 17:30	619	0.006	0.014	5660
3/23/2015 17:40	621	0.006	0.014	5670
3/23/2015 17:50	624	0.006	0.014	5680
3/23/2015 18:00	620	0.006	0.014	5690
3/23/2015 18:10	598	0.006	0.014	5700
3/23/2015 18:20	591	0.006	0.014	5710
3/23/2015 18:30	602	0.006	0.014	5720
3/23/2015 18:40	602	0.006	0.014	5730
3/23/2015 18:50	606	0.006	0.014	5740
3/23/2015 19:00	625	0.006	0.014	5750
3/23/2015 19:10	636	0.006	0.014	5760
3/23/2015 19:20	631	0.006	0.014	5770
3/23/2015 19:30	631	0.006	0.014	5780
3/23/2015 19:40	624	0.006	0.014	5790
3/23/2015 19:50	612	0.006	0.014	5800
3/23/2015 20:00	607	0.006	0.014	5810
3/23/2015 20:10	590	0.006	0.014	5820
3/23/2015 20:20	588	0.006	0.014	5830
3/23/2015 20:30	585	0.006	0.014	5840
3/23/2015 20:40	585	0.006	0.014	5850
3/23/2015 20:50	585	0.006	0.014	5860
3/23/2015 21:00	585	0.006	0.014	5870
3/23/2015 21:10	585	0.006	0.014	5880
3/23/2015 21:20	585	0.006	0.014	5890





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST PM<sub>10</sub> - 120 hr  
PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
Min. Load, MW 572  
Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/23/2015 21:30	585	0.006	0.014	5900
3/23/2015 21:40	585	0.006	0.014	5910
3/23/2015 21:50	585	0.006	0.014	5920
3/23/2015 22:00	585	0.006	0.014	5930
3/23/2015 22:10	585	0.006	0.014	5940
3/23/2015 22:20	585	0.006	0.014	5950
3/23/2015 22:30	587	0.006	0.014	5960
3/23/2015 22:40	586	0.006	0.014	5970
3/23/2015 22:50	586	0.006	0.014	5980
3/23/2015 23:00	585	0.006	0.014	5990
3/23/2015 23:10	593	0.006	0.014	6000
3/23/2015 23:20	599	0.006	0.014	6010
3/23/2015 23:30	599	0.006	0.014	6020
3/23/2015 23:40	600	0.006	0.014	6030
3/23/2015 23:50	592	0.006	0.014	6040
3/24/2015 00:00	585	0.006	0.014	6050
3/24/2015 00:10	586	0.006	0.014	6060
3/24/2015 00:20	586	0.006	0.014	6070
3/24/2015 00:30	586	0.006	0.014	6080
3/24/2015 00:40	585	0.006	0.014	6090
3/24/2015 00:50	586	0.006	0.014	6100
3/24/2015 01:00	586	0.006	0.014	6110
3/24/2015 01:10	586	0.006	0.014	6120
3/24/2015 01:20	587	0.006	0.014	6130
3/24/2015 01:30	585	0.006	0.014	6140
3/24/2015 01:40	586	0.006	0.014	6150
3/24/2015 01:50	587	0.006	0.014	6160
3/24/2015 02:00	586	0.006	0.014	6170
3/24/2015 02:10	585	0.006	0.014	6180
3/24/2015 02:20	586	0.006	0.014	6190
3/24/2015 02:30	586	0.006	0.014	6200
3/24/2015 02:40	585	0.006	0.014	6210
3/24/2015 02:50	585	0.006	0.014	6220
3/24/2015 03:00	585	0.006	0.014	6230
3/24/2015 03:10	585	0.006	0.014	6240
3/24/2015 03:20	585	0.006	0.014	6250
3/24/2015 03:30	588	0.006	0.014	6260
3/24/2015 03:40	593	0.006	0.014	6270



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST PM<sub>10</sub> - 120 hr  
 PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
 Min. Load, MW 572  
 Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Lb/MMBtu	Minutes
3/24/2015 03:50	587	0.006	0.014	6280
3/24/2015 04:00	587	0.006	0.014	6290
3/24/2015 04:10	586	0.006	0.014	6300
3/24/2015 04:20	597	0.006	0.014	6310
3/24/2015 04:30	616	0.006	0.014	6320
3/24/2015 04:40	627	0.006	0.014	6330
3/24/2015 04:50	632	0.006	0.014	6340
3/24/2015 05:00	635	0.006	0.014	6350
3/24/2015 05:10	626	0.006	0.014	6360
3/24/2015 05:20	643	0.006	0.014	6370
3/24/2015 05:30	643	0.006	0.014	6380
3/24/2015 05:40	646	0.006	0.014	6390
3/24/2015 05:50	657	0.006	0.014	6400
3/24/2015 06:00	663	0.006	0.014	6410
3/24/2015 06:10	664	0.006	0.014	6420
3/24/2015 06:20	662	0.006	0.014	6430
3/24/2015 06:30	660	0.006	0.014	6440
3/24/2015 06:40	660	Invalid Data	Invalid Data	6440
3/24/2015 06:50	658	Invalid Data	Invalid Data	6440
3/24/2015 07:00	661	Invalid Data	Invalid Data	6440
3/24/2015 07:10	674	0.006	0.014	6450
3/24/2015 07:20	670	0.006	0.014	6460
3/24/2015 07:30	670	0.006	0.014	6470
3/24/2015 07:40	657	0.006	0.014	6480
3/24/2015 07:50	648	0.006	0.014	6490
3/24/2015 08:00	664	0.006	0.014	6500
3/24/2015 08:10	669	0.006	0.014	6510
3/24/2015 08:20	683	0.006	0.014	6520
3/24/2015 08:30	689	0.006	0.014	6530
3/24/2015 08:40	669	0.006	0.014	6540
3/24/2015 08:50	672	0.006	0.014	6550
3/24/2015 09:00	668	0.006	0.014	6560
3/24/2015 09:10	655	0.006	0.014	6570
3/24/2015 09:20	636	0.006	0.014	6580
3/24/2015 09:30	627	0.006	0.014	6590
3/24/2015 09:40	622	0.006	0.014	6600
3/24/2015 09:50	626	0.006	0.014	6610
3/24/2015 10:00	623	0.006	0.014	6620





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST PM<sub>10</sub> - 120 hr  
PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
Min. Load, MW 572  
Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MMBtu	Lb/MMBtu	Minutes
3/24/2015 10:10	629	0.006	0.014	6630
3/24/2015 10:20	637	0.006	0.014	6640
3/24/2015 10:30	642	0.006	0.014	6650
3/24/2015 10:40	646	0.006	0.014	6660
3/24/2015 10:50	652	0.006	0.014	6670
3/24/2015 11:00	653	0.006	0.014	6680
3/24/2015 11:10	650	0.006	0.014	6690
3/24/2015 11:20	647	0.006	0.014	6700
3/24/2015 11:30	647	0.006	0.014	6710
3/24/2015 11:40	642	0.006	0.014	6720
3/24/2015 11:50	634	0.006	0.014	6730
3/24/2015 12:00	631	0.006	0.014	6740
3/24/2015 12:10	641	0.006	0.014	6750
3/24/2015 12:20	656	0.006	0.014	6760
3/24/2015 12:30	667	0.006	0.014	6770
3/24/2015 12:40	660	0.006	0.014	6780
3/24/2015 12:50	666	0.006	0.014	6790
3/24/2015 13:00	674	0.006	0.014	6800
3/24/2015 13:10	688	0.006	0.014	6810
3/24/2015 13:20	690	0.006	0.014	6820
3/24/2015 13:30	687	0.006	0.014	6830
3/24/2015 13:40	671	0.006	0.014	6840
3/24/2015 13:50	673	0.006	0.014	6850
3/24/2015 14:00	681	0.006	0.014	6860
3/24/2015 14:10	686	0.006	0.014	6870
3/24/2015 14:20	691	0.006	0.014	6880
3/24/2015 14:30	695	0.006	0.014	6890
3/24/2015 14:40	687	0.006	0.014	6900
3/24/2015 14:50	692	0.006	0.014	6910
3/24/2015 15:00	686	0.006	0.014	6920
3/24/2015 15:10	676	0.006	0.014	6930
3/24/2015 15:20	681	0.006	0.014	6940
3/24/2015 15:30	688	0.006	0.014	6950
3/24/2015 15:40	684	0.006	0.014	6960
3/24/2015 15:50	690	0.006	0.014	6970
3/24/2015 16:00	687	0.006	0.014	6980
3/24/2015 16:10	681	0.006	0.014	6990
3/24/2015 16:20	696	0.006	0.014	7000





**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST PM<sub>10</sub> - 120 hr  
 PM<sub>10F</sub> Limit, lb/MMBtu 0.014  
 PM<sub>10T</sub> Limit, lb/MMBtu 0.023  
 Min. Load, MW 572  
 Target, minutes 7200

**120 - Hr PM<sub>10</sub> Filterable and Total Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	PM <sub>10F</sub> (Filterable)	PM <sub>10T</sub> (Total)	Total Compliance Time
period prior to	MWe	Lb/MBtu	Lb/MBtu	Minutes
3/24/2015 16:30	697	0.006	0.014	7010
3/24/2015 16:40	697	0.006	0.014	7020
3/24/2015 16:50	696	0.006	0.014	7030
3/24/2015 17:00	696	0.006	0.014	7040
3/24/2015 17:10	696	0.006	0.014	7050
3/24/2015 17:20	693	0.006	0.014	7060
3/24/2015 17:30	688	0.006	0.014	7070
3/24/2015 17:40	688	0.006	0.014	7080
3/24/2015 17:50	694	0.006	0.014	7090
3/24/2015 18:00	691	0.006	0.014	7100
3/24/2015 18:10	673	0.006	0.014	7110
3/24/2015 18:20	679	0.006	0.014	7120
3/24/2015 18:30	685	0.006	0.014	7130
3/24/2015 18:40	689	0.006	0.014	7140
3/24/2015 18:50	692	0.006	0.014	7150
3/24/2015 19:00	697	0.006	0.014	7160
3/24/2015 19:10	696	0.006	0.014	7170
3/24/2015 19:20	695	0.006	0.014	7180
3/24/2015 19:30	697	0.006	0.014	7190
3/24/2015 19:40	695	0.006	0.014	7200
3/24/2015 19:50	689	0.006	0.014	7210
3/24/2015 20:00	682	0.006	0.014	7220
3/24/2015 20:10	681	0.006	0.014	7230
3/24/2015 20:20	685	0.006	0.014	7240

	Load MWe	PM <sub>10</sub> Filt - 120 hr Lb/MBtu	PM <sub>10</sub> Total - 120 hr Lb/MBtu
Average Values	639	0.006	0.013
Maximum Values	701	0.007	0.017
Minimum Value	584	0.001	0.002
Minimum Target	572		
Maximum Target		0.014	0.023

## Attachment I. 4-Hour SO<sub>2</sub> Test Results



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST SO2 - 4 hr  
 Emission Limit, lb/MMBtu 0.055  
 Min. Load, MW 665  
 Target, minutes 7200

**4 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/26/2015 08:30	607	0.007	0
2/26/2015 08:40	626	0.007	0
2/26/2015 08:50	646	0.007	0
2/26/2015 09:00	671	0.007	10
2/26/2015 09:10	683	0.008	20
2/26/2015 09:20	680	0.008	30
2/26/2015 09:30	681	0.008	40
2/26/2015 09:40	680	0.008	50
2/26/2015 09:50	680	0.008	60
2/26/2015 10:00	680	0.015	70
2/26/2015 10:10	680	0.018	80
2/26/2015 10:20	680	0.018	90
2/26/2015 10:30	680	0.018	100
2/26/2015 10:40	680	0.018	110
2/26/2015 10:50	680	0.018	120
2/26/2015 11:00	680	0.017	130
2/26/2015 11:10	680	0.017	140
2/26/2015 11:20	680	0.017	150
2/26/2015 11:30	680	0.017	160
2/26/2015 11:40	680	0.018	170
2/26/2015 11:50	680	0.017	180
2/26/2015 12:00	680	0.015	190
2/26/2015 12:10	680	0.013	200
2/26/2015 12:20	680	0.014	210
2/26/2015 12:30	680	0.014	220
2/26/2015 12:40	680	0.014	230
2/26/2015 12:50	680	0.014	240
2/26/2015 13:00	680	0.014	250
2/26/2015 13:10	680	0.014	260
2/26/2015 13:20	680	0.014	270
2/26/2015 13:30	680	0.014	280
2/26/2015 13:40	680	0.014	290

	Load MWe	SO2 -4 hr Lb/MBtu
Average Values	680	0.014
Maximum Values	683	0.018
Minimum Value	671	0.007
Minimum Target	665	
Maximum Target		0.055



## Attachment J. 72-Hour SO<sub>2</sub> Test Results



**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST SO2 - 72 hr  
Emission Limit, lb/MMBtu 0.058  
Min. Load, MW 572  
Target, minutes 4320

**72 - Hr SO2 Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/26/2015 12:10	680	0.013	4 - Hour Test
2/26/2015 12:20	680	0.014	4 - Hour Test
2/26/2015 12:30	680	0.014	4 - Hour Test
2/26/2015 12:40	680	0.014	4 - Hour Test
2/26/2015 12:50	680	0.014	4 - Hour Test
2/26/2015 13:00	680	0.014	0
2/26/2015 13:10	680	0.014	10
2/26/2015 13:20	680	0.014	20
2/26/2015 13:30	680	0.014	30
2/26/2015 13:40	680	0.014	40
2/26/2015 13:50	680	0.014	50
2/26/2015 14:00	680	0.014	60
2/26/2015 14:10	680	0.013	70
2/26/2015 14:20	680	0.013	80
2/26/2015 14:30	680	0.013	90
2/26/2015 14:40	680	0.014	100
2/26/2015 14:50	680	0.013	110
2/26/2015 15:00	680	0.013	120
2/26/2015 15:10	680	0.012	130
2/26/2015 15:20	680	0.013	140
2/26/2015 15:30	680	0.013	150
2/26/2015 15:40	680	0.013	160
2/26/2015 15:50	680	0.012	170
2/26/2015 16:00	680	0.012	180
2/26/2015 16:10	680	0.012	190
2/26/2015 16:20	680	0.013	200
2/26/2015 16:30	680	0.016	210
2/26/2015 16:40	680	0.016	220
2/26/2015 16:50	680	0.016	230
2/26/2015 17:00	680	0.016	240
2/26/2015 17:10	680	0.015	250
2/26/2015 17:20	679	0.016	260
2/26/2015 17:30	680	0.016	270
2/26/2015 17:40	680	0.016	280
2/26/2015 17:50	680	0.016	290
2/26/2015 18:00	680	0.016	300
2/26/2015 18:10	680	0.016	310
2/26/2015 18:20	680	0.016	320
2/26/2015 18:30	679	0.017	330
2/26/2015 18:40	680	0.017	340
2/26/2015 18:50	680	0.017	350
2/26/2015 19:00	680	0.016	360
2/26/2015 19:10	680	0.016	370



**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST SO2 - 72 hr  
Emission Limit, lb/MMBtu 0.058  
Min. Load, MW 572  
Target, minutes 4320

**72 - Hr SO2 Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
2/26/2015 19:20	680	0.017	380
2/26/2015 19:30	680	0.017	390
2/26/2015 19:40	680	0.017	400
2/26/2015 19:50	680	0.017	410
2/26/2015 20:00	680	0.017	420
2/26/2015 20:10	681	0.017	430
2/26/2015 20:20	680	0.017	440
2/26/2015 20:30	680	0.017	450
2/26/2015 20:40	680	0.017	460
2/26/2015 20:50	680	0.017	470
2/26/2015 21:00	680	0.017	480
2/26/2015 21:10	680	0.017	490
2/26/2015 21:20	680	0.017	500
2/26/2015 21:30	680	0.018	510
2/26/2015 21:40	680	0.018	520
2/26/2015 21:50	680	0.017	530
2/26/2015 22:00	680	0.018	540
2/26/2015 22:10	680	0.017	550
2/26/2015 22:20	680	0.018	560
2/26/2015 22:30	681	0.019	570
2/26/2015 22:40	679	0.019	580
2/26/2015 22:50	680	0.018	590
2/26/2015 23:00	680	0.018	600
2/26/2015 23:10	680	0.018	610
2/26/2015 23:20	680	0.019	620
2/26/2015 23:30	680	0.019	630
2/26/2015 23:40	680	0.019	640
2/26/2015 23:50	680	0.019	650
2/27/2015 00:00	680	0.019	660
2/27/2015 00:10	680	0.018	670
2/27/2015 00:20	680	0.020	680
2/27/2015 00:30	680	0.019	690
2/27/2015 00:40	680	0.019	700
2/27/2015 00:50	680	0.019	710
2/27/2015 01:00	680	0.019	720
2/27/2015 01:10	680	0.019	730
2/27/2015 01:20	680	0.019	740
2/27/2015 01:30	680	0.019	750
2/27/2015 01:40	680	0.019	760
2/27/2015 01:50	680	0.019	770
2/27/2015 02:00	680	0.019	780
2/27/2015 02:10	680	0.018	790
2/27/2015 02:20	680	0.019	800
2/27/2015 02:30	680	0.019	810





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST SO2 - 72 hr  
Emission Limit, lb/MMBtu 0.058  
Min. Load, MW 572  
Target, minutes 4320

**72 - Hr SO2 Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
2/27/2015 02:40	680	0.019	820
2/27/2015 02:50	680	0.019	830
2/27/2015 03:00	680	0.019	840
2/27/2015 03:10	680	0.019	850
2/27/2015 03:20	680	0.020	860
2/27/2015 03:30	680	0.021	870
2/27/2015 03:40	680	0.020	880
2/27/2015 03:50	680	0.021	890
2/27/2015 04:00	680	0.021	900
2/27/2015 04:10	680	0.021	910
2/27/2015 04:20	680	0.022	920
2/27/2015 04:30	680	0.022	930
2/27/2015 04:40	680	0.021	940
2/27/2015 04:50	680	0.021	950
2/27/2015 05:00	680	0.021	960
2/27/2015 05:10	680	0.021	970
2/27/2015 05:20	681	0.022	980
2/27/2015 05:30	680	0.022	990
2/27/2015 05:40	680	0.022	1000
2/27/2015 05:50	679	0.022	1010
2/27/2015 06:00	681	0.022	1020
2/27/2015 06:10	679	0.022	1030
2/27/2015 06:20	680	0.022	1040
2/27/2015 06:30	680	0.023	1050
2/27/2015 06:40	680	0.022	1060
2/27/2015 06:50	680	0.022	1070
2/27/2015 07:00	680	0.022	1080
2/27/2015 07:10	680	0.022	1090
2/27/2015 07:20	680	0.023	1100
2/27/2015 07:30	680	0.023	1110
2/27/2015 07:40	680	Invalid Data	1110
2/27/2015 07:50	680	Invalid Data	1110
2/27/2015 08:00	680	Invalid Data	1110
2/27/2015 08:10	680	0.026	1120
2/27/2015 08:20	680	0.025	1130
2/27/2015 08:30	680	0.025	1140
2/27/2015 08:40	680	0.024	1150
2/27/2015 08:50	681	0.024	1160
2/27/2015 09:00	691	0.024	1170
2/27/2015 09:10	696	0.026	1180
2/27/2015 09:20	694	0.026	1190
2/27/2015 09:30	696	0.026	1200
2/27/2015 09:40	694	0.024	1210
2/27/2015 09:50	696	0.024	1220



**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST SO2 - 72 hr  
Emission Limit, lb/MMBtu 0.058  
Min. Load, MW 572  
Target, minutes 4320

**72 - Hr SO2 Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
2/27/2015 10:00	695	0.023	1230
2/27/2015 10:10	695	0.022	1240
2/27/2015 10:20	698	0.023	1250
2/27/2015 10:30	700	0.023	1260
2/27/2015 10:40	700	0.021	1270
2/27/2015 10:50	700	0.021	1280
2/27/2015 11:00	700	0.021	1290
2/27/2015 11:10	708	0.023	1300
2/27/2015 11:20	715	0.024	1310
2/27/2015 11:30	717	0.024	1320
2/27/2015 11:40	718	0.024	1330
2/27/2015 11:50	716	0.023	1340
2/27/2015 12:00	717	0.024	1350
2/27/2015 12:10	717	Invalid Data	1350
2/27/2015 12:20	717	0.024	1360
2/27/2015 12:30	717	0.025	1370
2/27/2015 12:40	717	0.024	1380
2/27/2015 12:50	717	0.024	1390
2/27/2015 13:00	717	0.024	1400
2/27/2015 13:10	717	0.025	1410
2/27/2015 13:20	717	0.027	1420
2/27/2015 13:30	717	0.028	1430
2/27/2015 13:40	716	0.028	1440
2/27/2015 13:50	717	0.029	1450
2/27/2015 14:00	717	0.028	1460
2/27/2015 14:10	716	0.027	1470
2/27/2015 14:20	717	0.029	1480
2/27/2015 14:30	717	0.029	1490
2/27/2015 14:40	717	0.025	1500
2/27/2015 14:50	717	0.018	1510
2/27/2015 15:00	717	0.006	1520
2/27/2015 15:10	717	0.006	1530
2/27/2015 15:20	717	0.006	1540
2/27/2015 15:30	717	0.006	1550
2/27/2015 15:40	717	0.006	1560
2/27/2015 15:50	717	0.006	1570
2/27/2015 16:00	715	0.007	1580
2/27/2015 16:10	714	0.007	1590
2/27/2015 16:20	714	0.007	1600
2/27/2015 16:30	714	0.008	1610
2/27/2015 16:40	714	0.008	1620
2/27/2015 16:50	714	0.008	1630
2/27/2015 17:00	714	0.008	1640
2/27/2015 17:10	713	0.008	1650





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST SO2 - 72 hr  
Emission Limit, lb/MMBtu 0.058  
Min. Load, MW 572  
Target, minutes 4320

**72 - Hr SO2 Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
2/27/2015 17:20	715	0.012	1660
2/27/2015 17:30	714	0.013	1670
2/27/2015 17:40	714	0.013	1680
2/27/2015 17:50	714	0.013	1690
2/27/2015 18:00	714	0.014	1700
2/27/2015 18:10	713	0.014	1710
2/27/2015 18:20	713	0.015	1720
2/27/2015 18:30	713	0.015	1730
2/27/2015 18:40	713	0.015	1740
2/27/2015 18:50	709	0.015	1750
2/27/2015 19:00	700	0.015	1760
2/27/2015 19:10	700	0.015	1770
2/27/2015 19:20	700	0.016	1780
2/27/2015 19:30	700	0.016	1790
2/27/2015 19:40	701	0.016	1800
2/27/2015 19:50	700	0.016	1810
2/27/2015 20:00	700	0.016	1820
2/27/2015 20:10	700	0.016	1830
2/27/2015 20:20	699	0.017	1840
2/27/2015 20:30	701	0.016	1850
2/27/2015 20:40	700	0.015	1860
2/27/2015 20:50	700	0.015	1870
2/27/2015 21:00	700	0.014	1880
2/27/2015 21:10	700	0.013	1890
2/27/2015 21:20	700	0.014	1900
2/27/2015 21:30	700	0.014	1910
2/27/2015 21:40	700	0.013	1920
2/27/2015 21:50	700	0.013	1930
2/27/2015 22:00	701	0.013	1940
2/27/2015 22:10	699	0.013	1950
2/27/2015 22:20	700	0.013	1960
2/27/2015 22:30	700	0.013	1970
2/27/2015 22:40	700	0.013	1980
2/27/2015 22:50	700	0.012	1990
2/27/2015 23:00	700	0.012	2000
2/27/2015 23:10	701	0.013	2010
2/27/2015 23:20	700	0.013	2020
2/27/2015 23:30	700	0.013	2030
2/27/2015 23:40	700	0.013	2040
2/27/2015 23:50	700	0.013	2050
2/28/2015 00:00	700	0.013	2060
2/28/2015 00:10	700	0.012	2070
2/28/2015 00:20	700	0.013	2080
2/28/2015 00:30	700	0.013	2090





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST SO2 - 72 hr  
Emission Limit, lb/MMBtu 0.058  
Min. Load, MW 572  
Target, minutes 4320

**72 - Hr SO2 Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
2/28/2015 00:40	700	0.013	2100
2/28/2015 00:50	700	0.013	2110
2/28/2015 01:00	700	0.012	2120
2/28/2015 01:10	700	0.013	2130
2/28/2015 01:20	700	0.013	2140
2/28/2015 01:30	670	0.013	2150
2/28/2015 01:40	626	0.011	2160
2/28/2015 01:50	621	0.010	2170
2/28/2015 02:00	615	0.010	2180
2/28/2015 02:10	615	0.010	2190
2/28/2015 02:20	615	0.010	2200
2/28/2015 02:30	615	0.010	2210
2/28/2015 02:40	614	0.010	2220
2/28/2015 02:50	615	0.010	2230
2/28/2015 03:00	615	0.010	2240
2/28/2015 03:10	614	0.010	2250
2/28/2015 03:20	615	0.011	2260
2/28/2015 03:30	617	0.011	2270
2/28/2015 03:40	639	0.011	2280
2/28/2015 03:50	658	0.012	2290
2/28/2015 04:00	672	0.013	2300
2/28/2015 04:10	671	0.012	2310
2/28/2015 04:20	699	0.014	2320
2/28/2015 04:30	701	0.014	2330
2/28/2015 04:40	700	0.014	2340
2/28/2015 04:50	699	0.014	2350
2/28/2015 05:00	701	0.014	2360
2/28/2015 05:10	700	0.014	2370
2/28/2015 05:20	700	0.014	2380
2/28/2015 05:30	700	0.014	2390
2/28/2015 05:40	701	0.014	2400
2/28/2015 05:50	700	0.014	2410
2/28/2015 06:00	700	0.014	2420
2/28/2015 06:10	700	0.014	2430
2/28/2015 06:20	700	0.014	2440
2/28/2015 06:30	700	0.014	2450
2/28/2015 06:40	700	0.014	2460
2/28/2015 06:50	700	0.013	2470
2/28/2015 07:00	700	0.014	2480
2/28/2015 07:10	699	0.014	2490
2/28/2015 07:20	700	0.014	2500
2/28/2015 07:30	700	0.014	2510
2/28/2015 07:40	700	Invalid Data	2510
2/28/2015 07:50	700	Invalid Data	2510



**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST SO2 - 72 hr  
Emission Limit, lb/MMBtu 0.058  
Min. Load, MW 572  
Target, minutes 4320

**72 - Hr SO2 Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
2/28/2015 08:00	700	Invalid Data	2510
2/28/2015 08:10	700	0.018	2520
2/28/2015 08:20	700	0.016	2530
2/28/2015 08:30	700	0.016	2540
2/28/2015 08:40	700	Invalid Data	2540
2/28/2015 08:50	701	0.019	2550
2/28/2015 09:00	700	0.016	2560
2/28/2015 09:10	699	0.014	2570
2/28/2015 09:20	701	0.012	2580
2/28/2015 09:30	699	0.011	2590
2/28/2015 09:40	700	0.011	2600
2/28/2015 09:50	700	0.011	2610
2/28/2015 10:00	700	0.010	2620
2/28/2015 10:10	700	0.011	2630
2/28/2015 10:20	699	0.011	2640
2/28/2015 10:30	700	0.011	2650
2/28/2015 10:40	700	0.011	2660
2/28/2015 10:50	700	0.010	2670
2/28/2015 11:00	701	0.010	2680
2/28/2015 11:10	699	0.011	2690
2/28/2015 11:20	700	0.011	2700
2/28/2015 11:30	700	Invalid Data	2700
2/28/2015 11:40	700	0.026	2710
2/28/2015 11:50	700	0.017	2720
2/28/2015 12:00	700	0.013	2730
2/28/2015 12:10	700	0.012	2740
2/28/2015 12:20	700	0.012	2750
2/28/2015 12:30	699	Invalid Data	2750
2/28/2015 12:40	701	Invalid Data	2750
2/28/2015 12:50	699	Invalid Data	2750
2/28/2015 13:00	701	0.014	2760
2/28/2015 13:10	700	0.012	2770
2/28/2015 13:20	700	0.012	2780
2/28/2015 13:30	700	0.011	2790
2/28/2015 13:40	696	0.011	2800
2/28/2015 13:50	690	0.010	2810
2/28/2015 14:00	690	0.010	2820
2/28/2015 14:10	690	0.011	2830
2/28/2015 14:20	690	0.010	2840
2/28/2015 14:30	682	0.020	2850
2/28/2015 14:40	679	0.028	2860
2/28/2015 14:50	680	0.028	2870
2/28/2015 15:00	680	0.027	2880
2/28/2015 15:10	680	0.027	2890





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
TEST  
Emission Limit, lb/MMBtu  
Min. Load, MW  
Target, minutes

Missouri  
SO2 - 72 hr  
0.058  
572  
4320

**72 - Hr SO2 Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
2/28/2015 15:20	680	0.027	2900
2/28/2015 15:30	680	0.026	2910
2/28/2015 15:40	680	0.026	2920
2/28/2015 15:50	680	0.026	2930
2/28/2015 16:00	680	0.026	2940
2/28/2015 16:10	680	0.025	2950
2/28/2015 16:20	681	0.025	2960
2/28/2015 16:30	680	0.025	2970
2/28/2015 16:40	680	0.026	2980
2/28/2015 16:50	680	0.025	2990
2/28/2015 17:00	680	0.026	3000
2/28/2015 17:10	681	0.026	3010
2/28/2015 17:20	680	0.027	3020
2/28/2015 17:30	680	0.029	3030
2/28/2015 17:40	680	0.030	3040
2/28/2015 17:50	680	0.030	3050
2/28/2015 18:00	680	0.034	3060
2/28/2015 18:10	680	0.035	3070
2/28/2015 18:20	681	0.037	3080
2/28/2015 18:30	679	0.036	3090
2/28/2015 18:40	681	0.036	3100
2/28/2015 18:50	680	0.034	3110
2/28/2015 19:00	678	0.034	3120
2/28/2015 19:10	678	0.036	3130
2/28/2015 19:20	669	0.032	3140
2/28/2015 19:30	666	0.032	3150
2/28/2015 19:40	666	0.032	3160
2/28/2015 19:50	665	0.030	3170
2/28/2015 20:00	665	0.032	3180
2/28/2015 20:10	665	0.032	3190
2/28/2015 20:20	665	0.031	3200
2/28/2015 20:30	665	0.030	3210
2/28/2015 20:40	665	0.029	3220
2/28/2015 20:50	665	0.029	3230
2/28/2015 21:00	665	0.032	3240
2/28/2015 21:10	666	0.033	3250
2/28/2015 21:20	664	0.033	3260
2/28/2015 21:30	666	0.034	3270
2/28/2015 21:40	665	0.034	3280
2/28/2015 21:50	665	0.034	3290
2/28/2015 22:00	665	0.035	3300
2/28/2015 22:10	666	0.035	3310
2/28/2015 22:20	665	0.035	3320
2/28/2015 22:30	664	0.035	3330





**Unit 2**

Facility Name: LA CYGNE STATION  
Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
TEST SO2 - 72 hr  
Emission Limit, lb/MMBtu 0.058  
Min. Load, MW 572  
Target, minutes 4320

**72 - Hr SO2 Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
2/28/2015 22:40	665	0.036	3340
2/28/2015 22:50	666	0.035	3350
2/28/2015 23:00	665	0.036	3360
2/28/2015 23:10	665	0.037	3370
2/28/2015 23:20	665	0.037	3380
2/28/2015 23:30	665	0.036	3390
2/28/2015 23:40	665	0.036	3400
2/28/2015 23:50	665	0.035	3410
3/1/2015 00:00	665	0.035	3420
3/1/2015 00:10	665	0.035	3430
3/1/2015 00:20	665	0.034	3440
3/1/2015 00:30	665	0.033	3450
3/1/2015 00:40	665	0.034	3460
3/1/2015 00:50	665	0.033	3470
3/1/2015 01:00	664	0.032	3480
3/1/2015 01:10	666	0.032	3490
3/1/2015 01:20	665	0.031	3500
3/1/2015 01:30	665	0.031	3510
3/1/2015 01:40	664	0.031	3520
3/1/2015 01:50	667	0.032	3530
3/1/2015 02:00	665	0.033	3540
3/1/2015 02:10	665	0.034	3550
3/1/2015 02:20	666	0.033	3560
3/1/2015 02:30	665	0.032	3570
3/1/2015 02:40	665	0.032	3580
3/1/2015 02:50	665	0.031	3590
3/1/2015 03:00	664	0.033	3600
3/1/2015 03:10	665	0.033	3610
3/1/2015 03:20	666	0.032	3620
3/1/2015 03:30	665	0.031	3630
3/1/2015 03:40	666	0.032	3640
3/1/2015 03:50	665	0.031	3650
3/1/2015 04:00	665	0.033	3660
3/1/2015 04:10	665	0.033	3670
3/1/2015 04:20	665	0.033	3680
3/1/2015 04:30	665	0.032	3690
3/1/2015 04:40	664	0.032	3700
3/1/2015 04:50	666	0.033	3710
3/1/2015 05:00	665	0.034	3720
3/1/2015 05:10	665	0.033	3730
3/1/2015 05:20	664	0.033	3740
3/1/2015 05:30	666	0.033	3750
3/1/2015 05:40	665	0.033	3760
3/1/2015 05:50	666	0.032	3770

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040



State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

Missouri  
 SO2 - 72 hr  
 0.058  
 572  
 4320

**72 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/1/2015 06:00	664	0.034	3780
3/1/2015 06:10	665	0.034	3790
3/1/2015 06:20	664	0.033	3800
3/1/2015 06:30	666	0.034	3810
3/1/2015 06:40	665	0.032	3820
3/1/2015 06:50	665	0.033	3830
3/1/2015 07:00	668	0.034	3840
3/1/2015 07:10	674	0.035	3850
3/1/2015 07:20	675	0.034	3860
3/1/2015 07:30	675	0.034	3870
3/1/2015 07:40	675	Invalid Data	3870
3/1/2015 07:50	675	Invalid Data	3870
3/1/2015 08:00	674	Invalid Data	3870
3/1/2015 08:10	675	0.038	3880
3/1/2015 08:20	676	0.037	3890
3/1/2015 08:30	674	0.036	3900
3/1/2015 08:40	676	0.034	3910
3/1/2015 08:50	675	0.034	3920
3/1/2015 09:00	675	0.036	3930
3/1/2015 09:10	675	0.038	3940
3/1/2015 09:20	675	0.037	3950
3/1/2015 09:30	675	0.037	3960
3/1/2015 09:40	675	0.036	3970
3/1/2015 09:50	675	0.036	3980
3/1/2015 10:00	675	0.037	3990
3/1/2015 10:10	675	0.038	4000
3/1/2015 10:20	675	0.040	4010
3/1/2015 10:30	675	0.041	4020
3/1/2015 10:40	674	0.040	4030
3/1/2015 10:50	675	0.041	4040
3/1/2015 11:00	675	0.043	4050
3/1/2015 11:10	675	0.044	4060
3/1/2015 11:20	674	0.042	4070
3/1/2015 11:30	675	0.042	4080
3/1/2015 11:40	675	0.040	4090
3/1/2015 11:50	675	0.039	4100
3/1/2015 12:00	675	0.040	4110
3/1/2015 12:10	675	0.040	4120
3/1/2015 12:20	675	0.038	4130
3/1/2015 12:30	675	0.038	4140
3/1/2015 12:40	675	0.036	4150
3/1/2015 12:50	675	0.038	4160
3/1/2015 13:00	675	0.038	4170
3/1/2015 13:10	676	0.037	4180



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State Missouri  
 TEST SO2 - 72 hr  
 Emission Limit, lb/MMBtu 0.058  
 Min. Load, MW 572  
 Target, minutes 4320

**72 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/1/2015 13:20	675	0.037	4190
3/1/2015 13:30	675	0.038	4200
3/1/2015 13:40	675	0.037	4210
3/1/2015 13:50	675	0.038	4220
3/1/2015 14:00	675	0.039	4230
3/1/2015 14:10	675	0.041	4240
3/1/2015 14:20	675	0.039	4250
3/1/2015 14:30	675	0.039	4260
3/1/2015 14:40	674	0.039	4270
3/1/2015 14:50	675	0.040	4280
3/1/2015 15:00	675	0.039	4290
3/1/2015 15:10	675	0.038	4300
3/1/2015 15:20	675	0.037	4310
3/1/2015 15:30	675	0.037	4320
3/1/2015 15:40	675	0.036	4330
3/1/2015 15:50	675	0.037	4340
3/1/2015 16:00	675	0.037	4350
3/1/2015 16:10	675	0.036	4360
3/1/2015 16:20	675	0.036	4370
3/1/2015 16:30	674	0.036	4380

	Load MWe	SO2 -72 hr Lb/MBtu
Average Value	684	0.022
Maximum Value	718	0.044
Minimum Value	614	0.006
Minimum Target	572	
Maximum Target		0.058



## Attachment K. 120-Hour SO<sub>2</sub> Test Results

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/2/2015 08:50	536	0.017	0
3/2/2015 09:00	535	0.017	0
3/2/2015 09:10	535	0.017	0
3/2/2015 09:20	539	0.017	0
3/2/2015 09:30	553	0.017	0
3/2/2015 09:40	564	0.019	0
3/2/2015 09:50	585	0.020	10
3/2/2015 10:00	603	0.021	20
3/2/2015 10:10	626	0.022	30
3/2/2015 10:20	634	0.022	40
3/2/2015 10:30	635	0.022	50
3/2/2015 10:40	640	0.023	60
3/2/2015 10:50	645	0.023	70
3/2/2015 11:00	645	0.024	80
3/2/2015 11:10	645	0.023	90
3/2/2015 11:20	645	0.023	100
3/2/2015 11:30	646	0.022	110
3/2/2015 11:40	644	0.022	120
3/2/2015 11:50	646	0.022	130
3/2/2015 12:00	645	0.022	140
3/2/2015 12:10	645	0.021	150
3/2/2015 12:20	646	0.022	160
3/2/2015 12:30	645	0.021	170
3/2/2015 12:40	645	0.022	180
3/2/2015 12:50	645	0.022	190
3/2/2015 13:00	645	0.026	200
3/2/2015 13:10	646	0.033	210
3/2/2015 13:20	645	0.035	220
3/2/2015 13:30	645	0.027	230
3/2/2015 13:40	645	0.027	240
3/2/2015 13:50	644	0.028	250
3/2/2015 14:00	645	0.029	260
3/2/2015 14:10	646	0.026	270
3/2/2015 14:20	646	0.025	280
3/2/2015 14:30	646	0.023	290
3/2/2015 14:40	646	0.024	300
3/2/2015 14:50	645	0.024	310
3/2/2015 15:00	647	0.024	320
3/2/2015 15:10	646	0.022	330
3/2/2015 15:20	646	0.022	340
3/2/2015 15:30	647	0.021	350
3/2/2015 15:40	647	0.022	360
3/2/2015 15:50	647	0.022	370

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/2/2015 16:00	647	0.021	380
3/2/2015 16:10	646	0.021	390
3/2/2015 16:20	649	0.021	400
3/2/2015 16:30	648	0.020	410
3/2/2015 16:40	647	0.020	420
3/2/2015 16:50	649	0.020	430
3/2/2015 17:00	648	0.020	440
3/2/2015 17:10	648	0.019	450
3/2/2015 17:20	649	0.019	460
3/2/2015 17:30	648	0.018	470
3/2/2015 17:40	651	0.019	480
3/2/2015 17:50	650	0.018	490
3/2/2015 18:00	647	0.019	500
3/2/2015 18:10	650	0.020	510
3/2/2015 18:20	649	0.019	520
3/2/2015 18:30	648	0.017	530
3/2/2015 18:40	650	0.018	540
3/2/2015 18:50	649	0.017	550
3/2/2015 19:00	650	0.016	560
3/2/2015 19:10	651	0.015	570
3/2/2015 19:20	650	0.012	580
3/2/2015 19:30	650	0.011	590
3/2/2015 19:40	647	0.009	600
3/2/2015 19:50	635	0.009	610
3/2/2015 20:00	626	0.008	620
3/2/2015 20:10	618	0.006	630
3/2/2015 20:20	603	0.005	640
3/2/2015 20:30	606	0.005	650
3/2/2015 20:40	609	0.006	660
3/2/2015 20:50	607	0.006	670
3/2/2015 21:00	593	0.005	680
3/2/2015 21:10	577	0.005	690
3/2/2015 21:20	579	0.005	700
3/2/2015 21:30	579	0.005	710
3/2/2015 21:40	575	0.005	720
3/2/2015 21:50	575	0.006	730
3/2/2015 22:00	576	0.006	740
3/2/2015 22:10	581	0.006	750
3/2/2015 22:20	605	0.007	760
3/2/2015 22:30	620	0.007	770
3/2/2015 22:40	617	0.007	780
3/2/2015 22:50	617	0.007	790
3/2/2015 23:00	618	0.007	800
3/2/2015 23:10	608	0.006	810



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test**  
**10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/2/2015 23:20	596	0.006	820
3/2/2015 23:30	602	0.006	830
3/2/2015 23:40	606	0.007	840
3/2/2015 23:50	606	0.006	850
3/3/2015 00:00	598	0.006	860
3/3/2015 00:10	601	0.005	870
3/3/2015 00:20	612	0.006	880
3/3/2015 00:30	613	0.005	890
3/3/2015 00:40	619	0.006	900
3/3/2015 00:50	632	0.006	910
3/3/2015 01:00	644	0.005	920
3/3/2015 01:10	647	0.005	930
3/3/2015 01:20	646	0.005	940
3/3/2015 01:30	644	0.005	950
3/3/2015 01:40	629	0.005	960
3/3/2015 01:50	605	0.004	970
3/3/2015 02:00	587	0.004	980
3/3/2015 02:10	591	0.004	990
3/3/2015 02:20	593	0.004	1000
3/3/2015 02:30	613	0.004	1010
3/3/2015 02:40	632	0.005	1020
3/3/2015 02:50	639	0.005	1030
3/3/2015 03:00	648	0.004	1040
3/3/2015 03:10	648	0.005	1050
3/3/2015 03:20	649	0.004	1060
3/3/2015 03:30	647	0.004	1070
3/3/2015 03:40	648	0.005	1080
3/3/2015 03:50	647	0.005	1090
3/3/2015 04:00	646	0.005	1100
3/3/2015 04:10	646	0.005	1110
3/3/2015 04:20	646	0.005	1120
3/3/2015 04:30	646	0.005	1130
3/3/2015 04:40	646	0.005	1140
3/3/2015 04:50	647	0.005	1150
3/3/2015 05:00	646	0.005	1160
3/3/2015 05:10	646	0.005	1170
3/3/2015 05:20	646	0.005	1180
3/3/2015 05:30	647	0.005	1190
3/3/2015 05:40	647	0.005	1200
3/3/2015 05:50	647	0.005	1210
3/3/2015 06:00	646	0.005	1220
3/3/2015 06:10	647	0.004	1230
3/3/2015 06:20	646	0.004	1240
3/3/2015 06:30	646	0.004	1250

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test**  
**10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/3/2015 06:40	650	0.005	1260
3/3/2015 06:50	651	0.005	1270
3/3/2015 07:00	656	0.004	1280
3/3/2015 07:10	669	0.005	1290
3/3/2015 07:20	688	0.006	1300
3/3/2015 07:30	691	0.006	1310
3/3/2015 07:40	690	Invalid Data	1310
3/3/2015 07:50	690	Invalid Data	1310
3/3/2015 08:00	690	Invalid Data	1310
3/3/2015 08:10	691	0.010	1320
3/3/2015 08:20	690	0.008	1330
3/3/2015 08:30	690	0.008	1340
3/3/2015 08:40	691	0.008	1350
3/3/2015 08:50	690	0.007	1360
3/3/2015 09:00	695	0.006	1370
3/3/2015 09:10	697	0.006	1380
3/3/2015 09:20	696	0.005	1390
3/3/2015 09:30	696	0.005	1400
3/3/2015 09:40	696	0.005	1410
3/3/2015 09:50	697	0.005	1420
3/3/2015 10:00	698	0.004	1430
3/3/2015 10:10	700	0.005	1440
3/3/2015 10:20	700	0.008	1450
3/3/2015 10:30	700	0.009	1460
3/3/2015 10:40	700	0.009	1470
3/3/2015 10:50	700	0.009	1480
3/3/2015 11:00	700	0.009	1490
3/3/2015 11:10	700	0.009	1500
3/3/2015 11:20	700	0.009	1510
3/3/2015 11:30	700	0.009	1520
3/3/2015 11:40	700	0.009	1530
3/3/2015 11:50	700	0.009	1540
3/3/2015 12:00	700	0.009	1550
3/3/2015 12:10	700	0.009	1560
3/3/2015 12:20	700	0.008	1570
3/3/2015 12:30	700	0.008	1580
3/3/2015 12:40	700	0.009	1590
3/3/2015 12:50	700	0.008	1600
3/3/2015 13:00	700	0.008	1610
3/3/2015 13:10	699	0.009	1620
3/3/2015 13:20	701	0.008	1630
3/3/2015 13:30	700	0.008	1640
3/3/2015 13:40	700	0.009	1650
3/3/2015 13:50	700	0.009	1660



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/3/2015 14:00	700	0.008	1670
3/3/2015 14:10	700	0.008	1680
3/3/2015 14:20	700	0.008	1690
3/3/2015 14:30	700	0.008	1700
3/3/2015 14:40	700	0.008	1710
3/3/2015 14:50	700	0.008	1720
3/3/2015 15:00	700	0.008	1730
3/3/2015 15:10	700	0.009	1740
3/3/2015 15:20	700	0.009	1750
3/3/2015 15:30	700	0.009	1760
3/3/2015 15:40	700	0.010	1770
3/3/2015 15:50	699	0.010	1780
3/3/2015 16:00	701	0.010	1790
3/3/2015 16:10	699	0.010	1800
3/3/2015 16:20	701	0.010	1810
3/3/2015 16:30	700	0.010	1820
3/3/2015 16:40	700	0.010	1830
3/3/2015 16:50	700	0.009	1840
3/3/2015 17:00	700	0.007	1850
3/3/2015 17:10	700	0.005	1860
3/3/2015 17:20	700	0.005	1870
3/3/2015 17:30	700	0.005	1880
3/3/2015 17:40	700	0.005	1890
3/3/2015 17:50	700	0.005	1900
3/3/2015 18:00	700	0.005	1910
3/3/2015 18:10	700	0.005	1920
3/3/2015 18:20	700	0.005	1930
3/3/2015 18:30	700	0.005	1940
3/3/2015 18:40	700	0.005	1950
3/3/2015 18:50	701	0.004	1960
3/3/2015 19:00	700	0.004	1970
3/3/2015 19:10	700	0.004	1980
3/3/2015 19:20	700	0.004	1990
3/3/2015 19:30	700	0.004	2000
3/3/2015 19:40	700	0.004	2010
3/3/2015 19:50	700	0.004	2020
3/3/2015 20:00	700	0.004	2030
3/3/2015 20:10	700	0.004	2040
3/3/2015 20:20	700	0.004	2050
3/3/2015 20:30	700	0.004	2060
3/3/2015 20:40	700	0.004	2070
3/3/2015 20:50	700	0.003	2080
3/3/2015 21:00	700	0.003	2090
3/3/2015 21:10	700	0.003	2100



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test**  
**10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/3/2015 21:20	700	0.003	2110
3/3/2015 21:30	700	0.003	2120
3/3/2015 21:40	700	0.003	2130
3/3/2015 21:50	700	0.003	2140
3/3/2015 22:00	700	0.003	2150
3/3/2015 22:10	700	0.003	2160
3/3/2015 22:20	689	0.003	2170
3/3/2015 22:30	666	0.003	2180
3/3/2015 22:40	655	0.003	2190
3/3/2015 22:50	646	0.003	2200
3/3/2015 23:00	633	0.002	2210
3/3/2015 23:10	633	0.003	2220
3/3/2015 23:20	633	0.003	2230
3/3/2015 23:30	632	0.003	2240
3/3/2015 23:40	632	0.003	2250
3/3/2015 23:50	624	0.003	2260
3/4/2015 00:00	608	0.003	2270
3/4/2015 00:10	600	0.003	2280
3/4/2015 00:20	597	0.003	2290
3/4/2015 00:30	601	0.003	2300
3/4/2015 00:40	603	0.003	2310
3/4/2015 00:50	625	0.004	2320
3/4/2015 01:00	639	0.004	2330
3/4/2015 01:10	633	0.004	2340
3/4/2015 01:20	633	0.004	2350
3/4/2015 01:30	632	0.004	2360
3/4/2015 01:40	639	0.005	2370
3/4/2015 01:50	650	0.005	2380
3/4/2015 02:00	643	0.005	2390
3/4/2015 02:10	634	0.006	2400
3/4/2015 02:20	634	0.007	2410
3/4/2015 02:30	638	0.009	2420
3/4/2015 02:40	634	0.009	2430
3/4/2015 02:50	634	0.011	2440
3/4/2015 03:00	632	0.012	2450
3/4/2015 03:10	633	0.014	2460
3/4/2015 03:20	632	0.015	2470
3/4/2015 03:30	633	0.016	2480
3/4/2015 03:40	632	0.017	2490
3/4/2015 03:50	632	0.018	2500
3/4/2015 04:00	633	0.019	2510
3/4/2015 04:10	630	0.020	2520
3/4/2015 04:20	632	0.022	2530
3/4/2015 04:30	632	0.024	2540

**Unit 2**



Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/4/2015 04:40	630	0.023	2550
3/4/2015 04:50	632	0.023	2560
3/4/2015 05:00	629	0.024	2570
3/4/2015 05:10	630	0.024	2580
3/4/2015 05:20	631	0.025	2590
3/4/2015 05:30	636	0.026	2600
3/4/2015 05:40	642	0.027	2610
3/4/2015 05:50	657	0.028	2620
3/4/2015 06:00	673	0.029	2630
3/4/2015 06:10	680	0.029	2640
3/4/2015 06:20	693	0.031	2650
3/4/2015 06:30	694	0.031	2660
3/4/2015 06:40	696	0.031	2670
3/4/2015 06:50	695	0.031	2680
3/4/2015 07:00	695	0.032	2690
3/4/2015 07:10	704	0.033	2700
3/4/2015 07:20	705	0.035	2710
3/4/2015 07:30	705	0.036	2720
3/4/2015 07:40	705	Invalid Data	2720
3/4/2015 07:50	705	Invalid Data	2720
3/4/2015 08:00	705	Invalid Data	2720
3/4/2015 08:10	705	0.038	2730
3/4/2015 08:20	705	0.038	2740
3/4/2015 08:30	705	0.040	2750
3/4/2015 08:40	705	0.038	2760
3/4/2015 08:50	705	0.038	2770
3/4/2015 09:00	705	0.037	2780
3/4/2015 09:10	705	0.036	2790
3/4/2015 09:20	705	0.037	2800
3/4/2015 09:30	705	0.038	2810
3/4/2015 09:40	705	0.038	2820
3/4/2015 09:50	705	0.036	2830
3/4/2015 10:00	705	0.036	2840
3/4/2015 10:10	705	0.036	2850
3/4/2015 10:20	705	0.036	2860
3/4/2015 10:30	705	0.038	2870
3/4/2015 10:40	705	0.036	2880
3/4/2015 10:50	705	0.036	2890
3/4/2015 11:00	705	0.036	2900
3/4/2015 11:10	705	0.035	2910
3/4/2015 11:20	705	0.036	2920
3/4/2015 11:30	705	0.036	2930
3/4/2015 11:40	705	0.035	2940
3/4/2015 11:50	705	0.035	2950



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/4/2015 12:00	705	0.036	2960
3/4/2015 12:10	705	0.034	2970
3/4/2015 12:20	705	0.036	2980
3/4/2015 12:30	705	0.037	2990
3/4/2015 12:40	705	0.036	3000
3/4/2015 12:50	705	0.036	3010
3/4/2015 13:00	705	0.036	3020
3/4/2015 13:10	705	0.035	3030
3/4/2015 13:20	705	0.037	3040
3/4/2015 13:30	705	0.037	3050
3/4/2015 13:40	705	0.036	3060
3/4/2015 13:50	705	0.033	3070
3/4/2015 14:00	705	0.032	3080
3/4/2015 14:10	706	0.031	3090
3/4/2015 14:20	705	0.033	3100
3/4/2015 14:30	705	0.034	3110
3/4/2015 14:40	704	0.033	3120
3/4/2015 14:50	706	0.034	3130
3/4/2015 15:00	705	0.034	3140
3/4/2015 15:10	705	0.034	3150
3/4/2015 15:20	705	0.035	3160
3/4/2015 15:30	706	0.035	3170
3/4/2015 15:40	704	0.033	3180
3/4/2015 15:50	705	0.034	3190
3/4/2015 16:00	705	0.034	3200
3/4/2015 16:10	706	0.033	3210
3/4/2015 16:20	704	0.035	3220
3/4/2015 16:30	705	0.036	3230
3/4/2015 16:40	705	0.035	3240
3/4/2015 16:50	705	0.035	3250
3/4/2015 17:00	705	0.035	3260
3/4/2015 17:10	705	0.035	3270
3/4/2015 17:20	703	0.036	3280
3/4/2015 17:30	700	0.036	3290
3/4/2015 17:40	700	0.036	3300
3/4/2015 17:50	696	0.035	3310
3/4/2015 18:00	694	0.034	3320
3/4/2015 18:10	694	0.033	3330
3/4/2015 18:20	694	0.035	3340
3/4/2015 18:30	691	0.037	3350
3/4/2015 18:40	692	0.035	3360
3/4/2015 18:50	690	0.035	3370
3/4/2015 19:00	691	0.035	3380
3/4/2015 19:10	689	0.035	3390



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/4/2015 19:20	690	0.037	3400
3/4/2015 19:30	691	0.037	3410
3/4/2015 19:40	701	0.037	3420
3/4/2015 19:50	700	0.037	3430
3/4/2015 20:00	700	0.036	3440
3/4/2015 20:10	700	0.036	3450
3/4/2015 20:20	700	0.037	3460
3/4/2015 20:30	700	0.037	3470
3/4/2015 20:40	700	0.037	3480
3/4/2015 20:50	700	0.036	3490
3/4/2015 21:00	700	0.035	3500
3/4/2015 21:10	700	0.036	3510
3/4/2015 21:20	700	0.037	3520
3/4/2015 21:30	700	0.037	3530
3/4/2015 21:40	701	0.036	3540
3/4/2015 21:50	699	0.036	3550
3/4/2015 22:00	701	0.037	3560
3/4/2015 22:10	699	0.036	3570
3/4/2015 22:20	700	0.037	3580
3/4/2015 22:30	700	0.037	3590
3/4/2015 22:40	700	0.037	3600
3/4/2015 22:50	700	0.036	3610
3/4/2015 23:00	700	0.036	3620
3/4/2015 23:10	700	0.036	3630
3/4/2015 23:20	700	0.036	3640
3/4/2015 23:30	700	0.037	3650
3/4/2015 23:40	700	0.035	3660
3/4/2015 23:50	700	0.035	3670
3/5/2015 00:00	700	0.035	3680
3/5/2015 00:10	700	0.036	3690
3/5/2015 00:20	700	0.036	3700
3/5/2015 00:30	700	0.037	3710
3/5/2015 00:40	700	0.035	3720
3/5/2015 00:50	700	0.036	3730
3/5/2015 01:00	700	0.035	3740
3/5/2015 01:10	700	0.036	3750
3/5/2015 01:20	700	0.036	3760
3/5/2015 01:30	700	0.036	3770
3/5/2015 01:40	700	0.035	3780
3/5/2015 01:50	700	0.033	3790
3/5/2015 02:00	700	0.033	3800
3/5/2015 02:10	700	0.034	3810
3/5/2015 02:20	699	0.034	3820
3/5/2015 02:30	695	0.033	3830

**Unit 2**



Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/5/2015 02:40	695	0.032	3840
3/5/2015 02:50	695	0.031	3850
3/5/2015 03:00	695	0.030	3860
3/5/2015 03:10	693	0.031	3870
3/5/2015 03:20	690	0.032	3880
3/5/2015 03:30	690	0.031	3890
3/5/2015 03:40	690	0.030	3900
3/5/2015 03:50	690	0.030	3910
3/5/2015 04:00	690	0.029	3920
3/5/2015 04:10	690	0.030	3930
3/5/2015 04:20	690	0.030	3940
3/5/2015 04:30	690	0.030	3950
3/5/2015 04:40	690	0.030	3960
3/5/2015 04:50	692	0.029	3970
3/5/2015 05:00	700	0.029	3980
3/5/2015 05:10	700	0.030	3990
3/5/2015 05:20	701	0.030	4000
3/5/2015 05:30	700	0.030	4010
3/5/2015 05:40	700	0.030	4020
3/5/2015 05:50	699	0.030	4030
3/5/2015 06:00	700	0.031	4040
3/5/2015 06:10	700	0.033	4050
3/5/2015 06:20	700	0.034	4060
3/5/2015 06:30	700	0.034	4070
3/5/2015 06:40	700	0.034	4080
3/5/2015 06:50	700	0.035	4090
3/5/2015 07:00	700	0.035	4100
3/5/2015 07:10	700	0.037	4110
3/5/2015 07:20	700	0.038	4120
3/5/2015 07:30	700	0.038	4130
3/5/2015 07:40	695	Invalid Data	4130
3/5/2015 07:50	689	Invalid Data	4130
3/5/2015 08:00	695	Invalid Data	4130
3/5/2015 08:10	692	0.041	4140
3/5/2015 08:20	692	0.041	4150
3/5/2015 08:30	697	0.043	4160
3/5/2015 08:40	689	0.041	4170
3/5/2015 08:50	690	0.041	4180
3/5/2015 09:00	690	0.041	4190
3/5/2015 09:10	690	0.044	4200
3/5/2015 09:20	690	0.044	4210
3/5/2015 09:30	690	0.043	4220
3/5/2015 09:40	690	0.043	4230
3/5/2015 09:50	690	0.040	4240



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time	Load	SO2	Total Compliance Time
period prior to	MWe	Lb/MBtu	Minutes
3/5/2015 10:00	690	0.035	4250
3/5/2015 10:10	690	0.033	4260
3/5/2015 10:20	690	0.032	4270
3/5/2015 10:30	690	0.030	4280
3/5/2015 10:40	690	0.028	4290
3/5/2015 10:50	690	0.028	4300
3/5/2015 11:00	690	0.027	4310
3/5/2015 11:10	690	0.028	4320
3/5/2015 11:20	690	0.027	4330
3/5/2015 11:30	689	0.026	4340
3/5/2015 11:40	690	0.026	4350
3/5/2015 11:50	690	0.025	4360
3/5/2015 12:00	690	0.026	4370
3/5/2015 12:10	690	0.028	4380
3/5/2015 12:20	690	0.028	4390
3/5/2015 12:30	690	0.028	4400
3/5/2015 12:40	690	0.028	4410
3/5/2015 12:50	690	0.027	4420
3/5/2015 13:00	689	0.027	4430
3/5/2015 13:10	691	0.029	4440
3/5/2015 13:20	689	0.029	4450
3/5/2015 13:30	690	0.028	4460
3/5/2015 13:40	690	0.028	4470
3/5/2015 13:50	690	0.028	4480
3/5/2015 14:00	690	0.027	4490
3/5/2015 14:10	689	0.028	4500
3/5/2015 14:20	691	0.029	4510
3/5/2015 14:30	689	0.028	4520
3/5/2015 14:40	690	0.028	4530
3/5/2015 14:50	690	0.028	4540
3/5/2015 15:00	690	0.027	4550
3/5/2015 15:10	690	0.029	4560
3/5/2015 15:20	690	0.029	4570
3/5/2015 15:30	690	0.029	4580
3/5/2015 15:40	690	0.029	4590
3/5/2015 15:50	690	0.029	4600
3/5/2015 16:00	690	0.029	4610
3/5/2015 16:10	690	0.030	4620
3/5/2015 16:20	690	0.030	4630
3/5/2015 16:30	689	0.029	4640
3/5/2015 16:40	690	0.030	4650
3/5/2015 16:50	690	0.029	4660
3/5/2015 17:00	690	0.029	4670
3/5/2015 17:10	690	0.029	4680



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/5/2015 17:20	689	0.030	4690
3/5/2015 17:30	685	0.030	4700
3/5/2015 17:40	685	0.030	4710
3/5/2015 17:50	685	0.029	4720
3/5/2015 18:00	685	0.030	4730
3/5/2015 18:10	685	0.031	4740
3/5/2015 18:20	685	0.031	4750
3/5/2015 18:30	685	0.030	4760
3/5/2015 18:40	685	0.031	4770
3/5/2015 18:50	684	0.030	4780
3/5/2015 19:00	686	0.030	4790
3/5/2015 19:10	685	0.031	4800
3/5/2015 19:20	685	0.031	4810
3/5/2015 19:30	685	0.031	4820
3/5/2015 19:40	685	0.031	4830
3/5/2015 19:50	685	0.030	4840
3/5/2015 20:00	686	0.030	4850
3/5/2015 20:10	684	0.030	4860
3/5/2015 20:20	685	0.030	4870
3/5/2015 20:30	685	0.030	4880
3/5/2015 20:40	685	0.030	4890
3/5/2015 20:50	685	0.030	4900
3/5/2015 21:00	685	0.030	4910
3/5/2015 21:10	684	0.031	4920
3/5/2015 21:20	680	0.030	4930
3/5/2015 21:30	680	0.029	4940
3/5/2015 21:40	680	0.030	4950
3/5/2015 21:50	680	0.029	4960
3/5/2015 22:00	680	0.028	4970
3/5/2015 22:10	680	0.033	4980
3/5/2015 22:20	675	0.030	4990
3/5/2015 22:30	672	0.029	5000
3/5/2015 22:40	659	0.027	5010
3/5/2015 22:50	648	0.025	5020
3/5/2015 23:00	642	0.025	5030
3/5/2015 23:10	630	0.024	5040
3/5/2015 23:20	630	0.022	5050
3/5/2015 23:30	642	0.021	5060
3/5/2015 23:40	644	0.022	5070
3/5/2015 23:50	656	0.023	5080
3/6/2015 00:00	671	0.023	5090
3/6/2015 00:10	680	0.027	5100
3/6/2015 00:20	679	0.026	5110
3/6/2015 00:30	678	0.027	5120

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test**  
**10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/6/2015 00:40	679	0.026	5130
3/6/2015 00:50	679	0.026	5140
3/6/2015 01:00	679	0.027	5150
3/6/2015 01:10	677	0.028	5160
3/6/2015 01:20	679	0.028	5170
3/6/2015 01:30	678	0.028	5180
3/6/2015 01:40	678	0.029	5190
3/6/2015 01:50	677	0.029	5200
3/6/2015 02:00	678	0.030	5210
3/6/2015 02:10	678	0.033	5220
3/6/2015 02:20	678	0.034	5230
3/6/2015 02:30	678	0.035	5240
3/6/2015 02:40	678	0.036	5250
3/6/2015 02:50	678	0.036	5260
3/6/2015 03:00	678	0.037	5270
3/6/2015 03:10	679	0.038	5280
3/6/2015 03:20	678	0.039	5290
3/6/2015 03:30	674	0.039	5300
3/6/2015 03:40	675	0.038	5310
3/6/2015 03:50	677	0.038	5320
3/6/2015 04:00	679	0.038	5330
3/6/2015 04:10	674	0.038	5340
3/6/2015 04:20	676	0.038	5350
3/6/2015 04:30	677	0.038	5360
3/6/2015 04:40	678	0.037	5370
3/6/2015 04:50	679	0.038	5380
3/6/2015 05:00	679	0.039	5390
3/6/2015 05:10	679	0.039	5400
3/6/2015 05:20	680	0.038	5410
3/6/2015 05:30	680	0.035	5420
3/6/2015 05:40	679	0.034	5430
3/6/2015 05:50	680	0.033	5440
3/6/2015 06:00	680	0.033	5450
3/6/2015 06:10	680	0.032	5460
3/6/2015 06:20	680	0.030	5470
3/6/2015 06:30	680	0.029	5480
3/6/2015 06:40	685	0.028	5490
3/6/2015 06:50	698	0.027	5500
3/6/2015 07:00	700	0.028	5510
3/6/2015 07:10	700	0.028	5520
3/6/2015 07:20	700	0.027	5530
3/6/2015 07:30	700	0.026	5540
3/6/2015 07:40	700	Invalid Data	5540
3/6/2015 07:50	700	Invalid Data	5540



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/6/2015 08:00	700	Invalid Data	5540
3/6/2015 08:10	700	0.028	5550
3/6/2015 08:20	700	0.025	5560
3/6/2015 08:30	700	0.024	5570
3/6/2015 08:40	700	0.024	5580
3/6/2015 08:50	700	0.023	5590
3/6/2015 09:00	700	0.024	5600
3/6/2015 09:10	700	0.023	5610
3/6/2015 09:20	700	0.023	5620
3/6/2015 09:30	700	0.022	5630
3/6/2015 09:40	699	0.022	5640
3/6/2015 09:50	700	0.022	5650
3/6/2015 10:00	700	0.023	5660
3/6/2015 10:10	700	0.023	5670
3/6/2015 10:20	700	0.023	5680
3/6/2015 10:30	700	0.022	5690
3/6/2015 10:40	700	0.022	5700
3/6/2015 10:50	700	0.022	5710
3/6/2015 11:00	700	0.024	5720
3/6/2015 11:10	700	0.023	5730
3/6/2015 11:20	700	0.023	5740
3/6/2015 11:30	700	0.023	5750
3/6/2015 11:40	700	0.023	5760
3/6/2015 11:50	700	0.023	5770
3/6/2015 12:00	700	0.024	5780
3/6/2015 12:10	700	0.025	5790
3/6/2015 12:20	699	0.024	5800
3/6/2015 12:30	700	0.024	5810
3/6/2015 12:40	700	0.023	5820
3/6/2015 12:50	700	0.024	5830
3/6/2015 13:00	700	0.025	5840
3/6/2015 13:10	700	0.025	5850
3/6/2015 13:20	700	0.024	5860
3/6/2015 13:30	700	0.025	5870
3/6/2015 13:40	700	0.024	5880
3/6/2015 13:50	700	0.025	5890
3/6/2015 14:00	700	0.025	5900
3/6/2015 14:10	700	0.026	5910
3/6/2015 14:20	700	0.025	5920
3/6/2015 14:30	699	0.025	5930
3/6/2015 14:40	701	0.026	5940
3/6/2015 14:50	700	0.025	5950
3/6/2015 15:00	700	0.026	5960
3/6/2015 15:10	700	0.026	5970



**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/6/2015 15:20	700	0.025	5980
3/6/2015 15:30	700	0.025	5990
3/6/2015 15:40	700	0.025	6000
3/6/2015 15:50	700	0.025	6010
3/6/2015 16:00	700	0.026	6020
3/6/2015 16:10	699	0.025	6030
3/6/2015 16:20	700	0.025	6040
3/6/2015 16:30	700	0.024	6050
3/6/2015 16:40	700	0.024	6060
3/6/2015 16:50	700	0.024	6070
3/6/2015 17:00	700	0.025	6080
3/6/2015 17:10	700	0.025	6090
3/6/2015 17:20	700	0.024	6100
3/6/2015 17:30	700	0.025	6110
3/6/2015 17:40	700	0.023	6120
3/6/2015 17:50	700	0.024	6130
3/6/2015 18:00	700	0.024	6140
3/6/2015 18:10	700	0.024	6150
3/6/2015 18:20	700	0.024	6160
3/6/2015 18:30	700	0.023	6170
3/6/2015 18:40	699	0.022	6180
3/6/2015 18:50	697	0.022	6190
3/6/2015 19:00	697	0.024	6200
3/6/2015 19:10	697	0.022	6210
3/6/2015 19:20	697	0.019	6220
3/6/2015 19:30	698	0.019	6230
3/6/2015 19:40	697	0.018	6240
3/6/2015 19:50	696	0.019	6250
3/6/2015 20:00	695	0.019	6260
3/6/2015 20:10	696	0.019	6270
3/6/2015 20:20	695	0.018	6280
3/6/2015 20:30	695	0.019	6290
3/6/2015 20:40	688	0.018	6300
3/6/2015 20:50	672	0.018	6310
3/6/2015 21:00	678	0.018	6320
3/6/2015 21:10	681	0.019	6330
3/6/2015 21:20	672	0.019	6340
3/6/2015 21:30	657	0.018	6350
3/6/2015 21:40	643	0.017	6360
3/6/2015 21:50	632	0.017	6370
3/6/2015 22:00	624	0.018	6380
3/6/2015 22:10	620	0.017	6390
3/6/2015 22:20	630	0.017	6400
3/6/2015 22:30	628	0.018	6410

**Unit 2**

Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
 TEST  
 Emission Limit, lb/MMBtu  
 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/6/2015 22:40	625	0.018	6420
3/6/2015 22:50	619	0.018	6430
3/6/2015 23:00	621	0.018	6440
3/6/2015 23:10	620	0.017	6450
3/6/2015 23:20	611	0.017	6460
3/6/2015 23:30	605	0.017	6470
3/6/2015 23:40	599	0.016	6480
3/6/2015 23:50	589	0.016	6490
3/7/2015 00:00	584	0.017	6500
3/7/2015 00:10	584	0.016	6510
3/7/2015 00:20	586	0.016	6520
3/7/2015 00:30	585	0.016	6530
3/7/2015 00:40	592	0.016	6540
3/7/2015 00:50	613	0.017	6550
3/7/2015 01:00	640	0.018	6560
3/7/2015 01:10	661	0.019	6570
3/7/2015 01:20	689	0.020	6580
3/7/2015 01:30	693	0.021	6590
3/7/2015 01:40	681	0.019	6600
3/7/2015 01:50	686	0.019	6610
3/7/2015 02:00	691	0.021	6620
3/7/2015 02:10	666	0.018	6630
3/7/2015 02:20	667	0.017	6640
3/7/2015 02:30	674	0.018	6650
3/7/2015 02:40	658	0.017	6660
3/7/2015 02:50	654	0.017	6670
3/7/2015 03:00	641	0.017	6680
3/7/2015 03:10	635	0.017	6690
3/7/2015 03:20	630	0.016	6700
3/7/2015 03:30	635	0.017	6710
3/7/2015 03:40	634	0.016	6720
3/7/2015 03:50	632	0.017	6730
3/7/2015 04:00	632	0.017	6740
3/7/2015 04:10	632	0.017	6750
3/7/2015 04:20	631	0.016	6760
3/7/2015 04:30	632	0.017	6770
3/7/2015 04:40	632	0.016	6780
3/7/2015 04:50	630	0.017	6790
3/7/2015 05:00	631	0.018	6800
3/7/2015 05:10	629	0.017	6810
3/7/2015 05:20	631	0.017	6820
3/7/2015 05:30	645	0.017	6830
3/7/2015 05:40	654	0.018	6840
3/7/2015 05:50	660	0.019	6850



**Unit 2**



Facility Name: LA CYGNE STATION  
 Location: 25166 E. 2200 Rd., La Cygne, KS 66040

State  
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 Min. Load, MW  
 Target, minutes

**120 - Hr SO2 Test  
 10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
3/7/2015 06:00	659	0.019	6860
3/7/2015 06:10	649	0.018	6870
3/7/2015 06:20	655	0.018	6880
3/7/2015 06:30	669	0.019	6890
3/7/2015 06:40	685	0.019	6900
3/7/2015 06:50	695	0.021	6910
3/7/2015 07:00	697	0.020	6920
3/7/2015 07:10	701	0.020	6930
3/7/2015 07:20	700	0.019	6940
3/7/2015 07:30	700	0.020	6950
3/7/2015 07:40	700	Invalid Data	6950
3/7/2015 07:50	700	Invalid Data	6950
3/7/2015 08:00	701	Invalid Data	6950
3/7/2015 08:10	699	0.022	6960
3/7/2015 08:20	705	0.022	6970
3/7/2015 08:30	703	0.021	6980
3/7/2015 08:40	704	0.021	6990
3/7/2015 08:50	703	0.021	7000
3/7/2015 09:00	703	0.021	7010
3/7/2015 09:10	703	0.021	7020
3/7/2015 09:20	703	0.021	7030
3/7/2015 09:30	703	0.021	7040
3/7/2015 09:40	703	0.021	7050
3/7/2015 09:50	703	0.022	7060
3/7/2015 10:00	703	0.022	7070
3/7/2015 10:10	703	0.021	7080
3/7/2015 10:20	703	0.022	7090
3/7/2015 10:30	703	0.021	7100
3/7/2015 10:40	703	0.021	7110
3/7/2015 10:50	703	0.021	7120
3/7/2015 11:00	703	0.020	7130
3/7/2015 11:10	703	0.018	7140
3/7/2015 11:20	703	0.019	7150
3/7/2015 11:30	703	0.018	7160
3/7/2015 11:40	703	0.019	7170
3/7/2015 11:50	704	0.020	7180
3/7/2015 12:00	703	0.019	7190
3/7/2015 12:10	703	0.019	7200
3/7/2015 12:20	703	0.019	7210
3/7/2015 12:30	703	0.018	7220
3/7/2015 12:40	703	0.018	7230
3/7/2015 12:50	703	0.019	7240





**Unit 2**

Facility Name: LA CYGNE STATION  
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State  
TEST  
Emission Limit, lb/MMBtu  
Min. Load, MW  
Target, minutes

**120 - Hr SO2 Test  
10 Minute Emission Averages**

Invalid Data = excluded time for calibration or probe blowback as allowed by EPA

Date/Time period prior to	Load MWe	SO2 Lb/MBtu	Total Compliance Time Minutes
	Load MWe	SO2 -120 hr Lb/MBtu	
Average Values	676	0.022	
Maximum Values	706	0.044	
Minimum Value	575	0.002	
Minimum Target	572		
Maximum Target		0.07	