| | B | C |
|---|---|---|
| 1 | **Source Description** | |
| 2 | | |
| 3 | Phase I ID No. | 3016 |
| 4 | EPA ID No. | NYD980592497 |
| 5 | Facility Name | Eastman Kodak Company |
| 6 | Facility Location | |
| 7 | City | Rochester |
| 8 | State | NY |
| 9 | Unit ID Name/No. | B-95, Unit No. 32 |
| 10 | Other Sister Facilities | |
| 11 | Combustor Class | Onsite Incinerator |
| 12 | Combustor Type | Multiple Hearth Incinerator |
| 13 | Combustor Characteristics | The MHI is a eighth hearth unit manufactured by Envirotech.The sludge is fed to hearth 1 by a screw conveyor system. Drying of the feed occurs on hearths 1 and 2. Combustion takes place on hearth levels 3-5. Ash cools down on levels 6-7 and is discharged from the bottom of the unit.The residence time for the waste at maximum feed is about one hour. Flue gas leaving the MHI is routed to a Secondary Combustion Chamber (SCC) for organics destruction |
| 14 | Capacity (MMBtu/hr) | |
| 15 | Soot Blowing | |
| 16 | APCS | Q/PBS/VS/WESP |
| 17 | APCS Characteristics | Quench, packed bed scrubber/absorber, variable throat venturi scrubber, wet electrostatic precipitator |
| 18 | Hazardous Wastes | Sludge/Grit |
| 19 | Haz Waste Description | Sludge is obtained from a wastewater purification plant and consists of insoluble solids removed by dedimentation in the primary clarifiers, and excess sludge, produced during the biological treatment stage. |
| 20 | Supplemental Fuel | Natural Gas |
| 21 | | |
| 22 | Stack Characteristics | |
| 23 | Diameter (ft) | 3.4375 |
| 24 | Height (ft) | |
| 25 | Gas Velocity (ft/sec) | 29.0 |
| 26 | Gas Temperature (°F) | 120 |
| 27 | | |
| 28 | Permitting Status | Tier III for As, Cr, Cd, Pb? |
| 29 | HWC Burn Status (Date if Terminated) | |

| | B | C |
|---|---|---|
| 1 | **Condition Description** | |
| 2 | | |
| 3 | **3016C1** | |
| 4 | | |
| 5 | Report Name/Date | MHI Emission Test Results, February 1995 |
| 6 | Report Prepare | TRC Environmental Corporation |
| 7 | Testing Firm | TRC Environmental Corporation |
| 8 | Testing Dates | December 20, 1994 |
| 9 | Condition Descr | Mini-burn, max feedrate |
| 10 | Content | PM, metals |
| 11 | | |
| 12 | **3016C2** | |
| 13 | | |
| 14 | Report Name/Date | First Mini Burn Test Report, March 1995 |
| 15 | Report Prepare | TRC Environmental Corporation |
| 16 | Testing Firm | TRC Environmental Corporation |
| 17 | Testing Dates | March 1, 1995 |
| 18 | Condition Descr | Mini-burn, low temp |
| 19 | Content | PM, HCl/Cl2, DRE, PCDD/F |
| 20 | | |
| 21 | **3016C3** | |
| 22 | | |
| 23 | Report Name/Date | First Mini Burn Test Report, March 1995 |
| 24 | Report Prepare | TRC Environmental Corporation |
| 25 | Testing Firm | TRC Environmental Corporation |
| 26 | Testing Dates | March 1, 1995 |
| 27 | Condition Descr | Mini-burn, high temp |
| 28 | Content | PM, HCl/Cl2, metals |
| 29 | | |
| 30 | **3016C4** | |
| 31 | | |
| 32 | Report Name/Date | Second Mini Burn Report. October 1995 |
| 33 | Report Prepare | TRC Environmental Corporation |
| 34 | Testing Firm | TRC Environmental Corporation |
| 35 | Testing Dates | August 4, 1995 |
| 36 | Condition Descr | Mini-burn, max feedrate |
| 37 | Content | PM, metals, PCDD/F |
| 38 | | |
| 39 | **3016C5** | |
| 40 | | |
| 41 | Report Name/Date | Third and Fourth Mini Burn Report. October 1995 |
| 42 | Report Prepare | TRC Environmental Corporation |
| 43 | Testing Firm | TRC Environmental Corporation |
| 44 | Testing Dates | August 19, 1998 |
| 45 | Condition Descr | Mini-burn, max feedrate, max temp at 1685 °F |
| 46 | Content | PM, metals |
| 47 | | |
| 48 | **3016C6** | |
| 49 | | |
| 50 | Report Name/Date | Third and Fourth Mini Burn Report. October 1995 |
| 51 | Report Prepare | TRC Environmental Corporation |
| 52 | Testing Firm | TRC Environmental Corporation |
| 53 | Testing Dates | August 18, 1998 |
| 54 | Condition Descr | Mini-burn, max feedrate, max temp at 1615 °F |
| 55 | Content | PM, metals |
| 56 | | |
| 57 | **3016C7** | |
| 58 | | |
| 59 | Report Name/Date | Third and Fourth Mini Burn Report. October 1995 |
| 60 | Report Prepare | TRC Environmental Corporation |
| 61 | Testing Firm | TRC Environmental Corporation |
| 62 | Testing Dates | March 30, 1999 |
| 63 | Condition Descr | Mini-burn, max feedrate, max temp at 1600 °F |
| 64 | Content | PM, metals |
| 65 | | |
| 66 | **3016C8** | |
| 67 | | |
| 68 | Report Name/Date | Third and Fourth Mini Burn Report. October 1995 |
| 69 | Report Prepare | TRC Environmental Corporation |
| 70 | Testing Firm | TRC Environmental Corporation |
| 71 | Testing Dates | March 31, 1999 |

| | B | C |
|---|---|---|
| 72 | Condition Descr | Mini-burn, max feedrate, max temp at 1505 °F |
| 73 | Content | PM, metals |
| 74 | | |
| 75 | **3016C9** | |
| 76 | | |
| 77 | Report Name/Date | Fifth Mini Burn Report. January 2001 |
| 78 | Report Prepare | TRC Environmental Corporation |
| 79 | Testing Firm | TRC Environmental Corporation |
| 80 | Testing Dates | July 26-27, 2000 |
| 81 | Condition Descr | Mini-burn, max feedrate, max #3 hearth temp |
| 82 | Content | PM, metals, HCl/Cl2, PCDD/F |
| 83 | | |
| 84 | **3016C10** | |
| 85 | | |
| 86 | Report Name/Date | Fifth Mini Burn Report. January 2001 |
| 87 | Report Prepare | TRC Environmental Corporation |
| 88 | Testing Firm | TRC Environmental Corporation |
| 89 | Testing Dates | July 27-28, 2000 |
| 90 | Condition Descr | Trial burn, max feedrate, max #3 hearth temp |
| 91 | Content | PM, metals |
| 92 | | |
| 93 | **3016C11** | |
| 94 | | |
| 95 | Report Name/Date | Sixth Mini Burn Report. May 2001 |
| 96 | Report Prepare | TRC Environmental Corporation |
| 97 | Testing Firm | TRC Environmental Corporation |
| 98 | Testing Dates | May 8, 2001 |
| 99 | Condition Descr | Mini-burn, max feedrate, low temp |
| 100 | Content | PM, HCl/Cl2 |
| 101 | | |
| 102 | **3016C12** | |
| 103 | | |
| 104 | Report Name/Date | Sixth Mini Burn Report. May 2001 |
| 105 | Report Prepare | TRC Environmental Corporation |
| 106 | Testing Firm | TRC Environmental Corporation |
| 107 | Testing Dates | May 9-11, 2001 |
| 108 | Condition Descr | Mini-burn, max feedrate, high temp |
| 109 | Content | PM, HCl/Cl2, metals |
| 110 | | |
| 111 | | |
| 112 | **3016C13** | |
| 113 | | |
| 114 | Report Name/Date | Trial Burn Test Report for the Eastman Kodak B-95 Multiple Hearth Incinerator, March 2002 |
| 115 | Report Prepare | TRC Environmental Corp |
| 116 | Testing Firm | TRC Environmental Corp |
| 117 | Testing Dates | Nov 29-30, 2001 |
| 118 | Condition Descr | Trial Burn, min secondary comb chamber (SCC) operating temp |
| 119 | Content | PM, HCl/Cl2, CO, HC, VOC/SVOC, POHC DRE, D/F |
| 120 | | |
| 121 | **3016C14** | |
| 122 | | |
| 123 | Report Name/Date | Trial Burn Test Report for the Eastman Kodak B-95 Multiple Hearth Incinerator, March 2002 |
| 124 | Report Prepare | TRC Environmental Corp |
| 125 | Testing Firm | TRC Environmental Corp |
| 126 | Testing Dates | Dec 3-4, 2001 |
| 127 | Condition Descr | Trial Burn, max waste feed, max SCC operating temp |
| 128 | Content | PM, HCl/Cl2, CO, HC, Metals, D/F |
| 129 | | |
| 130 | **3016C15** | |
| 131 | | |
| 132 | Report Name/Date | Trial Burn Test Report for the Eastman Kodak B-95 Multiple Hearth Incinerator, March 2002 |
| 133 | Report Prepare | TRC Environmental Corp |
| 134 | Testing Firm | TRC Environmental Corp |
| 135 | Testing Dates | Nov 27-28, 2001 |
| 136 | Condition Descr | Trial Burn, low waste feed |
| 137 | Content | PM, CO, HC, POHC DRE |

| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Stack Gas Emissions 1** | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | |
| 3 | | Con | Units | 7% O2 | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | |
| 5 | **3016C1** | | | | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | |
| 7 | PM | | gr/dscf | y | | 0.0028 | | 0.0016 | | 0.002 | | 0.0021 | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | |
| 9 | Arsenic | | g/hr | | nd | 0.0491 | nd | 0.063 | nd | 0.0895 | | | | | | | | | |
| 10 | Beryllium | | g/hr | | nd | 0.0034 | nd | 0.0032 | nd | 0.0033 | | | | | | | | | |
| 11 | Cadmium | | g/hr | | | 0.55 | nd | 0.583 | nd | 0.538 | | | | | | | | | |
| 12 | Chromium | | g/hr | | | 0.0692 | | 0.0692 | | 0.0724 | | | | | | | | | |
| 13 | Antimony | | g/hr | | nd | 0.436 | nd | 0.343 | nd | 0.48 | | | | | | | | | |
| 14 | Barium | | g/hr | | | 0.132 | | 0.109 | | 0.106 | | | | | | | | | |
| 15 | Cobalt | | g/hr | | nd | 0.0829 | nd | 0.0352 | nd | 0.12 | | | | | | | | | |
| 16 | Copper | | g/hr | | | 0.192 | | 0.144 | | 0.218 | | | | | | | | | |
| 17 | Lead | | g/hr | | nd | 1.8 | nd | 2.35 | nd | 2.69 | | | | | | | | | |
| 18 | Manganese | | g/hr | | | 0.094 | nd | 0.104 | | 0.112 | | | | | | | | | |
| 19 | Nickel | | g/hr | | nd | 0.0671 | nd | 0.143 | nd | 0.0903 | | | | | | | | | |
| 20 | Silver | | g/hr | | | 3.24 | | 1.71 | | 1.85 | | | | | | | | | |
| 21 | Thallium | | g/hr | | nd | 0.671 | nd | 0.632 | nd | 0.665 | | | | | | | | | |
| 22 | Vanadium | | g/hr | | nd | 0.0336 | nd | 0.0316 | nd | 0.0333 | | | | | | | | | |
| 23 | Zinc | | g/hr | | | 5.15 | | 7.03 | | 8.41 | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | |
| 25 | Sampling Train | PM, metals | | | | | | | | | | | | | | | | | |
| 26 | Stack Gas Flowrate | | dscfm | | | 14463 | | 14807 | | 15067 | | 14779.0 | | | | | | | |
| 27 | O2 | | % | | | 9.4 | | 9.6 | | 9.5 | | 9.5 | | | | | | | |
| 28 | Moisture | | % | | | 5.2 | | 5.6 | | 5.4 | | 5.4 | | | | | | | |
| 29 | Temperature | | °F | | | 98 | | 97 | | 97 | | 97.3 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | |
| 31 | Arsenic | | ug/dscm | | nd | 2.41 | nd | 3.08 | nd | 4.26 | | | | | | | | | |
| 32 | Beryllium | | ug/dscm | | nd | 0.17 | nd | 0.16 | nd | 0.16 | | | | | | | | | |
| 33 | Cadmium | | ug/dscm | | | 27.03 | nd | 28.48 | nd | 25.60 | | | | | | | | | |
| 34 | Chromium | | ug/dscm | | | 3.40 | | 3.38 | | 3.45 | | | | | | | | | |
| 35 | Antimony | | ug/dscm | | nd | 21.43 | nd | 16.75 | nd | 22.84 | | | | | | | | | |
| 36 | Barium | | ug/dscm | | | 6.49 | | 5.32 | | 5.04 | | | | | | | | | |
| 37 | Cobalt | | ug/dscm | | nd | 4.07 | nd | 1.72 | nd | 5.71 | | | | | | | | | |
| 38 | Copper | | ug/dscm | | | 9.44 | | 7.03 | | 10.37 | | | | | | | | | |
| 39 | Lead | | ug/dscm | | nd | 88.46 | nd | 114.79 | nd | 128.00 | | | | | | | | | |
| 40 | Manganese | | ug/dscm | | | 4.62 | nd | 5.08 | | 5.33 | | | | | | | | | |
| 41 | Nickel | | ug/dscm | | nd | 3.30 | nd | 6.98 | nd | 4.30 | | | | | | | | | |
| 42 | Silver | | ug/dscm | | | 159.23 | | 83.52 | | 88.03 | | | | | | | | | |
| 43 | Thallium | | ug/dscm | | nd | 32.98 | nd | 30.87 | nd | 31.64 | | | | | | | | | |
| 44 | Vanadium | | ug/dscm | | nd | 1.65 | nd | 1.54 | nd | 1.58 | | | | | | | | | |
| 45 | SVM | | ug/dscm | | | 71.3 | | 71.6 | | 76.8 | | 73.2 | | | | | | | |
| 46 | LVM | | ug/dscm | | | 4.69 | | 5.00 | | 5.65 | | 5.1 | | | | | | | |
| 47 | | | | | | | | | | | | | | | | | | | |
| 48 | **3016C2** | | | | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | |
| 50 | PM | | gr/dscf | y | | | | | | | | 0.0022 | | | | | | | |
| 51 | CO (RA) | | ppmv | y | | | | | | | nd | 1.1 | | | | | | | |
| 52 | NOx | | ppmv | y | | | | | | | | 105.0 | | | | | | | |
| 53 | SO2 | | ppmv | y | | | | | | | nd | 2.5 | | | | | | | |
| 54 | HC (RA) | | ppmv | y | | | | | | | nd | 1 | | | | | | | |
| 55 | | | | | | | | | | | | | | | | | | | |
| 56 | HCl | | lb/hr | | | | | | | | | 0.006 | | | | | | | |
| 57 | Cl2 | | lb/hr | | | | | | | | | 0.003 | | | | | | | |
| 58 | | | | | | | | | | | | | | | | | | | |
| 59 | POHC DRE | Chlorobenzene | | | | | | | | | | | | | | | | | |
| 60 | POHC Feedrate | | lb/hr | | | 30 | | 30 | | 30 | | | | | | | | | |
| 61 | Emission Rate | | lb/hr | | | 1.62E-05 | | 1.84E-05 | | 1.80E-05 | | | | | | | | | |
| 62 | DRE | | % | | | 99.9999 | | 99.9999 | | 99.9999 | | | | | | | | | |
| 63 | | | | | | | | | | | | | | | | | | | |
| 64 | POHC DRE | Toluene | | | | | | | | | | | | | | | | | |
| 65 | POHC Feedrate | | lb/hr | | | 30 | | 30 | | 30 | | | | | | | | | |
| 66 | Emission Rate | | lb/hr | | | 6.91E-04 | | 7.03E-04 | | 7.10E-04 | | | | | | | | | |
| 67 | DRE | | % | | | 99.9977 | | 99.9977 | | 99.9976 | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | | | | | |
| 69 | Sampling Train | PM, HCl/Cl2 | | | | | | | | | | | | | | | | | |
| 70 | Stack Gas Flowrate | | dscfm | | | | | | | | | 13082 | | | | | | | |
| 71 | O2 | | % | | | | | | | | | 8.3 | | | | | | | |

| | U | V | W | X | Y | Z | AA | AB | AC | AD | AE | AF | AG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72 | Moisture | | % | | | | | | | | | 4.60 | | | | | | | |
| 73 | Temperature | | °F | | | | | | | | | 110.00 | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | |
| 75 | HCl | | ppmv | y | | | | | | | | 0.1 | | | | | | | |
| 76 | Cl2 | | ppmv | y | | | | | | | | 0.023 | | | | | | | |
| 77 | Total Chlorine | | ppmv | y | | | | | | | | 0.14 | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | |
| 79 | **3016C3** | | | | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | |
| 81 | PM | | gr/dscf | y | | | | | | | | 0.0045 | | | | | | | |
| 82 | CO (RA) | | ppmv | y | | | | | | | nd | 0.3 | | | | | | | |
| 83 | NOx | | ppmv | y | | | | | | | | 98.0 | | | | | | | |
| 84 | SO2 | | ppmv | y | | | | | | | nd | 1.7 | | | | | | | |
| 85 | HC (RA) | | ppmv | y | | | | | | | nd | 1.1 | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | |
| 87 | HCl | | lb/hr | | | | | | | | | 0.007 | | | | | | | |
| 88 | Cl2 | | lb/hr | | | | | | | | | 0.001 | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | |
| 90 | Silver | | g/hr | | | | | | | | | 0.286 | | | | | | | |
| 91 | Barium | | g/hr | | | | | | | | | 0.133 | | | | | | | |
| 92 | Cobalt | | g/hr | | | | | | | | | 0.018 | | | | | | | |
| 93 | Copper | | g/hr | | | | | | | | | 0.661 | | | | | | | |
| 94 | Manganese | | g/hr | | | | | | | | | 0.291 | | | | | | | |
| 95 | Nickel | | g/hr | | | | | | | | | 0.069 | | | | | | | |
| 96 | Vanadium | | g/hr | | | | | | | | | 0.009 | | | | | | | |
| 97 | Zinc | | g/hr | | | | | | | | | 10.702 | | | | | | | |
| 98 | Arsenic | | g/hr | | | | | | | | | 1.64 | | | | | | | |
| 99 | Beryllium | | g/hr | | | | | | | | | 0.001 | | | | | | | |
| 100 | Cadmium | | g/hr | | | | | | | | | 3.638 | | | | | | | |
| 101 | Chromium | | g/hr | | | | | | | | | 0.841 | | | | | | | |
| 102 | Lead | | g/hr | | | | | | | | | 29.663 | | | | | | | |
| 103 | Antimony | | g/hr | | | | | | | | | 0.701 | | | | | | | |
| 104 | Thallium | | g/hr | | | | | | | | | 0.027 | | | | | | | |
| 105 | | | | | | | | | | | | | | | | | | | |
| 106 | | | | | | | | | | | | | | | | | | | |
| 107 | Sampling Train | PM, HCl/Cl2 | | | | | | | | | | | | | | | | | |
| 108 | Stack Gas Flowrate | | dscfm | | | | | | | | | 14357 | | | | | | | |
| 109 | O2 | | % | | | | | | | | | 8.1 | | | | | | | |
| 110 | Moisture | | % | | | | | | | | | 5.60 | | | | | | | |
| 111 | Temperature | | °F | | | | | | | | | 125.00 | | | | | | | |
| 112 | | | | | | | | | | | | | | | | | | | |
| 113 | HCl | | ppmv | y | | | | | | | | 0.1 | | | | | | | |
| 114 | Cl2 | | ppmv | y | | | | | | | | 0.007 | | | | | | | |
| 115 | Total Chlorine | | ppmv | y | | | | | | | | 0.11 | | | | | | | |
| 116 | | | | | | | | | | | | | | | | | | | |
| 117 | Silver | | ug/dscm | | | | | | | | | 12.7 | | | | | | | |
| 118 | Barium | | ug/dscm | | | | | | | | | 5.9 | | | | | | | |
| 119 | Cobalt | | ug/dscm | | | | | | | | | 0.8 | | | | | | | |
| 120 | Copper | | ug/dscm | | | | | | | | | 29.4 | | | | | | | |
| 121 | Manganese | | ug/dscm | | | | | | | | | 13.0 | | | | | | | |
| 122 | Nickel | | ug/dscm | | | | | | | | | 3.1 | | | | | | | |
| 123 | Vanadium | | ug/dscm | | | | | | | | | 0.4 | | | | | | | |
| 124 | Zinc | | ug/dscm | | | | | | | | | 476.4 | | | | | | | |
| 125 | Arsenic | | ug/dscm | | | | | | | | | 73.0 | | | | | | | |
| 126 | Beryllium | | ug/dscm | | | | | | | | | 0.0 | | | | | | | |
| 127 | Cadmium | | ug/dscm | | | | | | | | | 162.0 | | | | | | | |
| 128 | Chromium | | ug/dscm | | | | | | | | | 37.4 | | | | | | | |
| 129 | Lead | | ug/dscm | | | | | | | | | 1320.5 | | | | | | | |
| 130 | Antimony | | ug/dscm | | | | | | | | | 31.2 | | | | | | | |
| 131 | Thallium | | ug/dscm | | | | | | | | | 1.2 | | | | | | | |
| 132 | SVM | | ug/dscm | | | | | | | | | 1482.5 | | | | | | | |
| 133 | LVM | | ug/dscm | | | | | | | | | 110.5 | | | | | | | |
| 134 | | | | | | | | | | | | | | | | | | | |
| 135 | **3016C4** | **Trial Burn** | | | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 136 | | | | | | | | | | | | | | | | | | | |
| 137 | PM | | gr/dscf | y | | 0.0007 | | 0.0004 | | 0.0012 | | 0.0008 | | | | | | | |
| 138 | | | | | | | | | | | | | | | | | | | |
| 139 | Antimony | | g/hr | | | 0.37 | | 0.3 | | 0.63 | | | | | | | | | |
| 140 | Barium | | g/hr | | | 0.04 | | 0.04 | | 0.7 | | | | | | | | | |
| 141 | Cobalt | | g/hr | | nd | 0.03 | nd | 0.001 | nd | 1.41 | | | | | | | | | |
| 142 | Copper | | g/hr | | | 0.14 | | 0.16 | | 0.25 | | | | | | | | | |

| | U | V | W | X | Y | Z | AA | AB | AC | AD | AE | AF | AG |
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| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 143 | Lead | | g/hr | | | 1.43 | | 1.46 | | 2.8 | | | | | | | | | |
| 144 | Manganese | | g/hr | | | 0.03 | | 0.03 | | 0.05 | | | | | | | | | |
| 145 | Nickel | | g/hr | | | 0.05 | | 0.06 | | 0.1 | | | | | | | | | |
| 146 | Silver | | g/hr | | | 0.04 | | 0.03 | | 0.03 | | | | | | | | | |
| 147 | Thallium | | g/hr | | nd | 0.007 | nd | 0.007 | nd | 0.007 | | | | | | | | | |
| 148 | Vanadium | | g/hr | | nd | 0.003 | nd | 0.003 | nd | 0.003 | | | | | | | | | |
| 149 | Zinc | | g/hr | | | 4.71 | | 4.14 | | 6.78 | | | | | | | | | |
| 150 | Arsenic | | g/hr | | nd | 0.05 | nd | 0.05 | nd | 0.07 | | | | | | | | | |
| 151 | Beryllium | | g/hr | | nd | 0.001 | nd | 0.001 | nd | 0.001 | | | | | | | | | |
| 152 | Cadmium | | g/hr | | | 0.1 | | 0.1 | | 0.16 | | | | | | | | | |
| 153 | Chromium | | g/hr | | | 0.09 | | 0.04 | | 0.12 | | | | | | | | | |
| 154 | | | | | | | | | | | | | | | | | | | |
| 155 | Sampling Train | PM, metals | | | | | | | | | | | | | | | | | |
| 156 | Stack Gas Flowrate | | dscfm | | | 14338 | | 14051 | | 15500 | | 14629.7 | | | | | | | |
| 157 | O2 | | % | | | 8.53 | | 8.8 | | 8.47 | | 8.6 | | | | | | | |
| 158 | Moisture | | % | | | 8.4 | | 8.3 | | 8.7 | | 8.5 | | | | | | | |
| 159 | Temperature | | °F | | | 135 | | 134 | | 137 | | 135.3 | | | | | | | |
| 160 | | | | | | | | | | | | | | | | | | | |
| 161 | Sampling Train | PCDD/F | | | | | | | | | | | | | | | | | |
| 162 | Stack Gas Flowrate | | dscfm | | | 14052 | | 13900 | | 15036 | | 14329.3 | | | | | | | |
| 163 | O2 | | % | | | 8.5 | | 8.8 | | 8.5 | | 8.6 | | | | | | | |
| 164 | Moisture | | % | | | | | | | | | | | | | | | | |
| 165 | Temperature | | °F | | | | | | | | | | | | | | | | |
| 166 | | | | | | | | | | | | | | | | | | | |
| 167 | Antimony | | ug/dscm | | | 17.06 | | 14.43 | | 26.75 | | | | | | | | | |
| 168 | Barium | | ug/dscm | | | 1.84 | | 1.92 | | 29.72 | | | | | | | | | |
| 169 | Cobalt | | ug/dscm | | nd | 1.38 | nd | 0.05 | nd | 59.86 | | | | | | | | | |
| 170 | Copper | | ug/dscm | | | 6.46 | | 7.70 | | 10.61 | | | | | | | | | |
| 171 | Lead | | ug/dscm | | | 65.94 | | 70.22 | | 118.87 | | | | | | | | | |
| 172 | Manganese | | ug/dscm | | | 1.38 | | 1.44 | | 2.12 | | | | | | | | | |
| 173 | Nickel | | ug/dscm | | | 2.31 | | 2.89 | | 4.25 | | | | | | | | | |
| 174 | Silver | | ug/dscm | | | 1.84 | | 1.44 | | 1.27 | | | | | | | | | |
| 175 | Thallium | | ug/dscm | | nd | 0.32 | nd | 0.34 | nd | 0.30 | | | | | | | | | |
| 176 | Vanadium | | ug/dscm | | nd | 0.14 | nd | 0.14 | nd | 0.13 | | | | | | | | | |
| 177 | Zinc | | ug/dscm | | | 217.20 | | 199.12 | | 287.83 | | | | | | | | | |
| 178 | Arsenic | | ug/dscm | | nd | 2.31 | nd | 2.40 | nd | 2.97 | | | | | | | | | |
| 179 | Beryllium | | ug/dscm | | nd | 0.05 | nd | 0.05 | nd | 0.04 | | | | | | | | | |
| 180 | Cadmium | | ug/dscm | | | 4.61 | | 4.81 | | 6.79 | | | | | | | | | |
| 181 | Chromium | | ug/dscm | | | 4.15 | | 1.92 | | 5.09 | | | | | | | | | |
| 182 | SVM | | ug/dscm | | | 70.6 | | 75.0 | | 125.7 | | 90.4 | | | | | | | |
| 183 | LVM | | ug/dscm | | | 71.73 | | 76.26 | | 127.17 | | 91.7 | | | | | | | |
| 184 | | | | | | | | | | | | | | | | | | | |
| 185 | | | | | | | | | | | | | | | | | | | |
| 186 | **3016C5** | **Trial Burn** | | | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 187 | | | | | | | | | | | | | | | | | | | |
| 188 | PM | | gr/dscf | y | | 0.0035 | | 0.0044 | | 0.0035 | | 0.0038 | | | | | | | |
| 189 | | | | | | | | | | | | | | | | | | | |
| 190 | Antimony | | g/hr | | | | | | | | | 0.0063 | | | | | | | |
| 191 | Arsenic | | g/hr | | | | | | | | | 0.00028 | | | | | | | |
| 192 | Barium | | g/hr | | | | | | | | nd | 0.0016 | | | | | | | |
| 193 | Beryllium | | g/hr | | | | | | | | | 9.80E-07 | | | | | | | |
| 194 | Cadmium | | g/hr | | | | | | | | | 0.001 | | | | | | | |
| 195 | Chromium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 196 | Cobalt | | g/hr | | | | | | | | | 0.006 | | | | | | | |
| 197 | Copper | | g/hr | | | | | | | | | 0.002 | | | | | | | |
| 198 | Lead | | g/hr | | | | | | | | | 0.018 | | | | | | | |
| 199 | Maganese | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 200 | Nickel | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 201 | Selenium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 202 | Silver | | g/hr | | | | | | | | | 0.006 | | | | | | | |
| 203 | Thallium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 204 | Vanadium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 205 | Zinc | | | | | | | | | | | 0.013 | | | | | | | |
| 206 | | | | | | | | | | | | | | | | | | | |
| 207 | Sampling Train | PM, metals | | | | | | | | | | | | | | | | | |
| 208 | Stack Gas Flowrate | | dscfm | | | | | | | | | 16732.4 | | | | | | | |
| 209 | O2 | | % | | | | | | | | | | | | | | | | |
| 210 | Moisture | | % | | | | | | | | | | | | | | | | |
| 211 | Temperature | | °F | | | | | | | | | | | | | | | | |
| 212 | | | | | | | | | | | | | | | | | | | |
| 213 | Antimony | | ug/dscm | | | | | | | | | 100.7 | | | | | | | |

| | U | V | W | X | Y | Z | AA | AB | AC | AD | AE | AF | AG |
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| 214 | Arsenic | | ug/dscm | | | | | | | | | 4.5 | | | | | | | |
| 215 | Barium | | ug/dscm | | | | | | | | nd | 25.6 | | | | | | | |
| 216 | Beryllium | | ug/dscm | | | | | | | | | 0.0 | | | | | | | |
| 217 | Cadmium | | ug/dscm | | | | | | | | | 22.4 | | | | | | | |
| 218 | Chromium | | ug/dscm | | | | | | | | | 2.7 | | | | | | | |
| 219 | Cobalt | | ug/dscm | | | | | | | | | 94.3 | | | | | | | |
| 220 | Copper | | ug/dscm | | | | | | | | | 35.2 | | | | | | | |
| 221 | Lead | | ug/dscm | | | | | | | | | 287.6 | | | | | | | |
| 222 | Maganese | | ug/dscm | | | | | | | | | 2.2 | | | | | | | |
| 223 | Nickel | | ug/dscm | | | | | | | | | 2.4 | | | | | | | |
| 224 | Selenium | | ug/dscm | | | | | | | | | 1.5 | | | | | | | |
| 225 | Silver | | ug/dscm | | | | | | | | | 102.3 | | | | | | | |
| 226 | Thallium | | ug/dscm | | | | | | | | | 1.1 | | | | | | | |
| 227 | Vanadium | | ug/dscm | | | | | | | | | 0.0 | | | | | | | |
| 228 | Zinc | | ug/dscm | | | | | | | | | 207.7 | | | | | | | |
| 229 | SVM | | ug/dscm | | | | | | | | | 310.0 | | | | | | | |
| 230 | LVM | | ug/dscm | | | | | | | | | 7.2 | | | | | | | |
| 231 | | | | | | | | | | | | | | | | | | | |
| 232 | | | | | | | | | | | | | | | | | | | |
| 233 | **3016C6** | | | | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 234 | | | | | | | | | | | | | | | | | | | |
| 235 | PM | | gr/dscf | y | | 0.0029 | | 0.0025 | | | | 0.0027 | | | | | | | |
| 236 | | | | | | | | | | | | | | | | | | | |
| 237 | Antimony | | g/hr | | | | | | | | | 0.0015 | | | | | | | |
| 238 | Arsenic | | g/hr | | | | | | | | | 0.000068 | | | | | | | |
| 239 | Barium | | g/hr | | | | | | | | | 0.0015 | | | | | | | |
| 240 | Beryllium | | g/hr | | | | | | | | | 0.00E+00 | | | | | | | |
| 241 | Cadmium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 242 | Chromium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 243 | Cobalt | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 244 | Copper | | g/hr | | | | | | | | | 0.001 | | | | | | | |
| 245 | Lead | | g/hr | | | | | | | | | 0.007 | | | | | | | |
| 246 | Maganese | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 247 | Nickel | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 248 | Selenium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 249 | Silver | | g/hr | | | | | | | | | 0.004 | | | | | | | |
| 250 | Thallium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 251 | Vanadium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 252 | Zinc | | | | | | | | | | | 0.006 | | | | | | | |
| 253 | | | | | | | | | | | | | | | | | | | |
| 254 | Sampling Train | PM, metals | | | | | | | | | | | | | | | | | |
| 255 | Stack Gas Flowrate | | dscfm | | | | | | | | | 14141.9 | | | | | | | |
| 256 | O2 | | % | | | | | | | | | | | | | | | | |
| 257 | Moisture | | % | | | | | | | | | | | | | | | | |
| 258 | Temperature | | °F | | | | | | | | | | | | | | | | |
| 259 | | | | | | | | | | | | | | | | | | | |
| 260 | Antimony | | ug/dscm | | | | | | | | | 28.4 | | | | | | | |
| 261 | Arsenic | | ug/dscm | | | | | | | | | 1.3 | | | | | | | |
| 262 | Barium | | ug/dscm | | | | | | | | nd | 28.4 | | | | | | | |
| 263 | Beryllium | | ug/dscm | | | | | | | | | 0.0 | | | | | | | |
| 264 | Cadmium | | ug/dscm | | | | | | | | | 9.3 | | | | | | | |
| 265 | Chromium | | ug/dscm | | | | | | | | | 1.9 | | | | | | | |
| 266 | Cobalt | | ug/dscm | | | | | | | | | 0.3 | | | | | | | |
| 267 | Copper | | ug/dscm | | | | | | | | | 20.8 | | | | | | | |
| 268 | Lead | | ug/dscm | | | | | | | | | 134.2 | | | | | | | |
| 269 | Maganese | | ug/dscm | | | | | | | | | 1.2 | | | | | | | |
| 270 | Nickel | | ug/dscm | | | | | | | | | 2.8 | | | | | | | |
| 271 | Selenium | | ug/dscm | | | | | | | | nd | 1.1 | | | | | | | |
| 272 | Silver | | ug/dscm | | | | | | | | | 68.1 | | | | | | | |
| 273 | Thallium | | ug/dscm | | | | | | | | | 0.2 | | | | | | | |
| 274 | Vanadium | | ug/dscm | | | | | | | | | 0.1 | | | | | | | |
| 275 | Zinc | | ug/dscm | | | | | | | | | 105.9 | | | | | | | |
| 276 | SVM | | ug/dscm | | | | | | | | | 143.5 | | | | | | | |
| 277 | LVM | | ug/dscm | | | | | | | | | 3.2 | | | | | | | |
| 278 | | | | | | | | | | | | | | | | | | | |
| 279 | **3016C7** | | | | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 280 | | | | | | | | | | | | | | | | | | | |
| 281 | PM | | gr/dscf | y | | 0.0021 | | 0.0032 | | 0.0031 | | 0.0028 | | | | | | | |
| 282 | | | | | | | | | | | | | | | | | | | |
| 283 | Antimony | | g/hr | | | | | | | | | 0.001 | | | | | | | |
| 284 | Arsenic | | g/hr | | | | | | | | | 6.30E-05 | | | | | | | |

| | U | V | W | X | Y | Z | AA | AB | AC | AD | AE | AF | AG |
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| 285 | Barium | | g/hr | | | | | | | | | 0.024 | | | | | | | |
| 286 | Beryllium | | g/hr | | | | | | | | | 1.17E-06 | | | | | | | |
| 287 | Cadmium | | g/hr | | | | | | | | | 0.001 | | | | | | | |
| 288 | Chromium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 289 | Cobalt | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 290 | Copper | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 291 | Lead | | g/hr | | | | | | | | | 0.001 | | | | | | | |
| 292 | Maganese | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 293 | Mercury | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 294 | Nickel | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 295 | Selenium | | g/hr | | | | | | | | | 0.001 | | | | | | | |
| 296 | Silver | | g/hr | | | | | | | | | 0.002 | | | | | | | |
| 297 | Thallium | | g/hr | | | | | | | | | 0.001 | | | | | | | |
| 298 | Vanadium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 299 | Zinc | | g/hr | | | | | | | | | 0.007 | | | | | | | |
| 300 | | | | | | | | | | | | | | | | | | | |
| 301 | Sampling Train | PM, metals | | | | | | | | | | | | | | | | | |
| 302 | Stack Gas Flowrate | | dscfm | | | | | | | | | 13750.6 | | | | | | | |
| 303 | O2 | | % | | | | | | | | | | | | | | | | |
| 304 | Moisture | | % | | | | | | | | | | | | | | | | |
| 305 | Temperature | | °F | | | | | | | | | | | | | | | | |
| 306 | | | | | | | | | | | | | | | | | | | |
| 307 | Antimony | | ug/dscm | | | | | | | | | 19.4 | | | | | | | |
| 308 | Arsenic | | ug/dscm | | | | | | | | | 1.2 | | | | | | | |
| 309 | Barium | | ug/dscm | | | | | | | | | 466.7 | | | | | | | |
| 310 | Beryllium | | ug/dscm | | | | | | | | | 0.0 | | | | | | | |
| 311 | Cadmium | | ug/dscm | | | | | | | | | 11.7 | | | | | | | |
| 312 | Chromium | | ug/dscm | | | | | | | | | 1.9 | | | | | | | |
| 313 | Cobalt | | ug/dscm | | | | | | | | | 0.2 | | | | | | | |
| 314 | Copper | | ug/dscm | | | | | | | | | 7.6 | | | | | | | |
| 315 | Lead | | ug/dscm | | | | | | | | | 27.2 | | | | | | | |
| 316 | Maganese | | ug/dscm | | | | | | | | | 2.7 | | | | | | | |
| 317 | Mercury | | ug/dscm | | | | | | | | | 3.5 | | | | | | | |
| 318 | Nickel | | ug/dscm | | | | | | | | | 2.7 | | | | | | | |
| 319 | Selenium | | ug/dscm | | | | | | | | | 16.7 | | | | | | | |
| 320 | Silver | | ug/dscm | | | | | | | | | 40.8 | | | | | | | |
| 321 | Thallium | | ug/dscm | | | | | | | | | 21.1 | | | | | | | |
| 322 | Vanadium | | ug/dscm | | | | | | | | | 0.0 | | | | | | | |
| 323 | Zinc | | ug/dscm | | | | | | | | | 128.3 | | | | | | | |
| 324 | SVM | | ug/dscm | | | | | | | | | 38.9 | | | | | | | |
| 325 | LVM | | ug/dscm | | | | | | | | | 3.2 | | | | | | | |
| 326 | | | | | | | | | | | | | | | | | | | |
| 327 | **3016C8** | | | | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 328 | | | | | | | | | | | | | | | | | | | |
| 329 | PM | | gr/dscf | y | | 0.0038 | | 0.0047 | | 0.0031 | | 0.0039 | | | | | | | |
| 330 | | | | | | | | | | | | | | | | | | | |
| 331 | Antimony | | g/hr | | | | | | | | | 0.00072 | | | | | | | |
| 332 | Arsenic | | g/hr | | | | | | | | | 2.90E-05 | | | | | | | |
| 333 | Barium | | g/hr | | | | | | | | | 0.01 | | | | | | | |
| 334 | Beryllium | | g/hr | | | | | | | | | 5.70E-07 | | | | | | | |
| 335 | Cadmium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 336 | Chromium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 337 | Cobalt | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 338 | Copper | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 339 | Lead | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 340 | Maganese | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 341 | Mercury | | g/hr | | | | | | | | | 0.001 | | | | | | | |
| 342 | Nickel | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 343 | Selenium | | g/hr | | | | | | | | | 0.001 | | | | | | | |
| 344 | Silver | | g/hr | | | | | | | | | 0.001 | | | | | | | |
| 345 | Thallium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 346 | Vanadium | | g/hr | | | | | | | | | 0.000 | | | | | | | |
| 347 | Zinc | | g/hr | | | | | | | | | 0.007 | | | | | | | |
| 348 | | | | | | | | | | | | | | | | | | | |
| 349 | Sampling Train | PM, metals | | | | | | | | | | | | | | | | | |
| 350 | Stack Gas Flowrate | | dscfm | | | | | | | | | 10180.8 | | | | | | | |
| 351 | O2 | | % | | | | | | | | | | | | | | | | |
| 352 | Moisture | | % | | | | | | | | | | | | | | | | |
| 353 | Temperature | | °F | | | | | | | | | | | | | | | | |
| 354 | | | | | | | | | | | | | | | | | | | |
| 355 | Antimony | | ug/dscm | | | | | | | | | 14.0 | | | | | | | |

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| 356 | Arsenic | | ug/dscm | | | | | | | | | 0.6 | | | | | | | |
| 357 | Barium | | ug/dscm | | | | | | | | | 194.4 | | | | | | | |
| 358 | Beryllium | | ug/dscm | | | | | | | | | 0.0 | | | | | | | |
| 359 | Cadmium | | ug/dscm | | | | | | | | | 5.4 | | | | | | | |
| 360 | Chromium | | ug/dscm | | | | | | | | | 2.1 | | | | | | | |
| 361 | Cobalt | | ug/dscm | | | | | | | | | 0.0 | | | | | | | |
| 362 | Copper | | ug/dscm | | | | | | | | | 2.9 | | | | | | | |
| 363 | Lead | | ug/dscm | | | | | | | | | 7.4 | | | | | | | |
| 364 | Maganese | | ug/dscm | | | | | | | | | 2.9 | | | | | | | |
| 365 | Mercury | | ug/dscm | | | | | | | | | 12.8 | | | | | | | |
| 366 | Nickel | | ug/dscm | | | | | | | | | 2.3 | | | | | | | |
| 367 | Selenium | | ug/dscm | | | | | | | | | 13.6 | | | | | | | |
| 368 | Silver | | ug/dscm | | | | | | | | | 23.3 | | | | | | | |
| 369 | Thallium | | ug/dscm | | | | | | | | | 0.0 | | | | | | | |
| 370 | Vanadium | | ug/dscm | | | | | | | | | 0.1 | | | | | | | |
| 371 | Zinc | | ug/dscm | | | | | | | | | 130.3 | | | | | | | |
| 372 | SVM | | ug/dscm | | | | | | | | | 12.8 | | | | | | | |
| 373 | LVM | | ug/dscm | | | | | | | | | 2.7 | | | | | | | |
| 374 | | | | | | | | | | | | | | | | | | | |
| 375 | **3016C9** | | | | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 376 | | | | | | | | | | | | | | | | | | | |
| 377 | PM | | gr/dscf | y | | 0.0023 | | 0.002 | | 0.0013 | | 0.0019 | | | | | | | |
| 378 | CO (RA) | | ppmv | y | | 2.3 | | 4.7 | | 9.7 | | 5.5667 | | | | | | | |
| 379 | | | | | | | | | | | | | | | | | | | |
| 380 | Mercury | | ug/dscm | y | | 14 | | 20 | | 14 | | 16 | | | | | | | |
| 381 | SVM | | ug/dscm | y | | 225 | | 229 | | 116 | | 190 | | | | | | | |
| 382 | LVM | | ug/dscm | y | | 11 | | 19 | | 6 | | 12 | | | | | | | |
| 383 | | | | | | | | | | | | | | | | | | | |
| 384 | Sampling Train | PM, metals | | | | | | | | | | | | | | | | | |
| 385 | Stack Gas Flowrate | | dscfm | | | 11395.1 | | 10777.8 | | 11690.7 | | 11287.8 | | | | | | | |
| 386 | O2 | | % | | | 6.2 | | 7.4 | | 7.6 | | 7.1 | | | | | | | |
| 387 | Moisture | | % | | | | | | | | | #DIV/0! | | | | | | | |
| 388 | Temperature | | °F | | | | | | | | | #DIV/0! | | | | | | | |
| 389 | | | | | | | | | | | | | | | | | | | |
| 390 | **3016C10** | | | | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 391 | | | | | | | | | | | | | | | | | | | |
| 392 | PM | | gr/dscf | y | | 0.00069 | | 0.0024 | | 0.00084 | | 0.0013 | | | | | | | |
| 393 | CO (RA) | | ppmv | y | | 9 | | 7 | | 6 | | 7.3333 | | | | | | | |
| 394 | | | | | | | | | | | | | | | | | | | |
| 395 | Mercury | | ug/dscm | y | | 21 | | 20 | | 14 | | 18 | | | | | | | |
| 396 | SVM | | ug/dscm | y | | 112 | | 116 | | 34 | | 87 | | | | | | | |
| 397 | LVM | | ug/dscm | y | | 60 | | 15 | | 12 | | 29 | | | | | | | |
| 398 | | | | | | | | | | | | | | | | | | | |
| 399 | Sampling Train | PM, metals | | | | | | | | | | | | | | | | | |
| 400 | Stack Gas Flowrate | | dscfm | | | | | | | | | | | | | | | | |
| 401 | O2 | | % | | | 7.6 | | 6.9 | | 6.2 | | 6.9 | | | | | | | |
| 402 | Moisture | | % | | | | | | | | | | | | | | | | |
| 403 | Temperature | | °F | | | | | | | | | | | | | | | | |
| 404 | | | | | | | | | | | | | | | | | | | |
| 405 | **3016C11** | | | | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 406 | | | | | | | | | | | | | | | | | | | |
| 407 | PM | | gr/dscf | y | | 0.018 | | 0.019 | | | | 0.0185 | | | | | | | |
| 408 | CO (RA) | | ppmv | y | | 1.84 | | 1.51 | | | | 1.68 | | | | | | | |
| 409 | | | | | | | | | | | | | | | | | | | |
| 410 | HCl | | ppmv | y | | 0.206 | | 0.0353 | | | | | | | | | | | |
| 411 | Cl2 | | ppmv | y | | 0.184 | | 0.058 | | | | | | | | | | | |
| 412 | TCl | | ppmv | y | | 0.574 | | 0.1513 | | | | 0.36 | | | | | | | |
| 413 | | | | | | | | | | | | | | | | | | | |
| 414 | POHC DRE | Chlorobenzene | | | | | | | | | | | | | | | | | |
| 415 | POHC Feedrate | | lb/hr | | | 23 | | 23 | | | | | | | | | | | |
| 416 | Emission Rate | | lb/hr | | nd | 4.10E-04 | nd | 3.70E-04 | | | | | | | | | | | |
| 417 | DRE | | % | | | 99.998 | | 99.998 | | | | | | | | | | | |
| 418 | | | | | | | | | | | | | | | | | | | |
| 419 | Sampling Train | PM, HCl/Cl2 | | | | | | | | | | | | | | | | | |
| 420 | Stack Gas Flowrate | | dscfm | | | 11794 | | 11426 | | | | 11610.0 | | | | | | | |
| 421 | O2 | | % | | | 5.5 | | 5.5 | | | | 5.5 | | | | | | | |
| 422 | Moisture | | % | | | | | | | | | | | | | | | | |
| 423 | Temperature | | °F | | | | | | | | | | | | | | | | |
| 424 | | | | | | | | | | | | | | | | | | | |
| 425 | **3016C12** | | | | | R1 | | R2 | | R3 | | R4 | | R5 | | R6 | | R7 | |
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| 425 | R8 | | R9 | | R10 | | MAX | | MIN | | MEDIAN1 | | MEDIAN2 |
| 426 | | | | | | | | | | | | | |

| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 427 | PM | | gr/dscf | y | | 0.0011 | | 0.0019 | | 0.0007 | | 0.0010 | | 0.001 | | 0.002 | | 0.0022 | |
| 428 | CO (RA) | | ppmv | y | | 1.26 | | 1.25 | | 1.25 | | 1.60 | | 1.25 | | 1.25 | | 1.26 | |
| 429 | | | | | | | | | | | | | | | | | | | |
| 430 | HCl | | ppmv | y | nd | 0.038 | nd | 0.035 | nd | 0.041 | nd | 0.03 | nc | 0.035 | nd | 0.106 | nd | 0.038 | nd |
| 431 | Cl2 | | ppmv | y | | 0.1 | | 0.05 | | 0.05 | | 0.04 | | 0.04 | nd | 0.033 | nd | 0.043 | nd |
| 432 | TCl | | ppmv | y | | 0.219 | | 0.1175 | | 0.1205 | | 0.0955 | | 0.0975 | | 0.086 | | 0.062 | |
| 433 | | | | | | | | | | | | | | | | | | | |
| 434 | Antimony | | ug/dscm | y | | 52 | | 20 | | 36 | | 4 | | 33 | | 95 | | 63 | |
| 435 | Arsenic | | ug/dscm | y | | 1.7 | | 2 | | 1.1 | | 1 | | 1.2 | | 4.1 | | 3.2 | |
| 436 | Barium | | ug/dscm | y | | 2.9 | | 3.6 | | 2.5 | | 1 | | 1.4 | | 2.3 | | 1.8 | |
| 437 | Beryllium | | ug/dscm | y | | 0.022 | | 0.046 | | 0.017 | | 0.01 | | 0.011 | | 0.046 | | 0.027 | |
| 438 | Cadmium | | ug/dscm | y | | 41 | | 72 | | 27 | | 22 | | 19 | | 58 | | 40 | |
| 439 | Chromium | | ug/dscm | y | | 11 | | 20 | | 7.5 | | 4 | | 9.4 | | 12 | | 6.6 | |
| 440 | Cobalt | | ug/dscm | y | | 13 | | 0.031 | | 9.1 | | 7 | | 0.016 | | 0.89 | | 2.8 | |
| 441 | Copper | | ug/dscm | y | | 23 | | 29 | | 8.6 | | 8 | | 9 | | 24 | | 20 | |
| 442 | Lead | | ug/dscm | y | | 106 | | 154 | | 60 | | 52 | | 69 | | 197 | | 136 | |
| 443 | Manganese | | ug/dscm | y | | 2.8 | | 1.1 | | 0.93 | | 3 | | 0.88 | | 8 | | 3.4 | |
| 444 | Mercury | | ug/dscm | y | | 13 | | 10 | | 48 | | 20 | | 13 | | 5.7 | | 20 | |
| 445 | Nickel | | ug/dscm | y | | 32 | | 10 | | 21 | | 2 | | 20 | | 30 | | 1.5 | |
| 446 | Selenium | | ug/dscm | y | | 0.76 | | 0.83 | | 0.41 | | 0.25 | | 0.38 | | 1.3 | | 0.75 | |
| 447 | Silver | | ug/dscm | y | | 72 | | 21 | | 90 | | 24 | | 68 | | 56 | | 45 | |
| 448 | Thallium | | ug/dscm | y | | 6.9 | | 10 | | 4.1 | | 4 | | 3.5 | | 10 | | 7.6 | |
| 449 | Vanadium | | ug/dscm | y | | 0.13 | | 0.19 | | 0.08 | | 0.10 | | 0.075 | | 15 | | 0.16 | |
| 450 | Zinc | | ug/dscm | y | | 76 | | 97 | | 29 | | 28 | | 38 | | 93 | | 58 | |
| 451 | SVM | | ug/dscm | y | | 147.0 | | 226.0 | | 87.0 | | 74.0 | | 88.0 | | 255.0 | | 176.0 | |
| 452 | LVM | | ug/dscm | y | | 12.7 | | 22.0 | | 8.6 | | 5.4 | | 10.6 | | 16.1 | | 9.8 | |
| 453 | | | | | | | | | | | | | | | | | | | |
| 454 | Sampling Train | PM, metals | | | | | | | | | | | | | | | | | |
| 455 | Stack Gas Flowrate | | dscfm | | | 12340.3 | | 13101.3 | | 11883.3 | | 12390.5 | | 12153.3 | | 12946.5 | | 12307.7 | |
| 456 | O2 | | % | | | | | | | | | | | | | | | | |
| 457 | Moisture | | % | | | | | | | | | | | | | | | | |
| 458 | Temperature | | °F | | | | | | | | | | | | | | | | |
| 459 | | | | | | | | | | | | | | | | | | | |
| 460 | | | | | | | | | | | | | | | | | | | |
| 461 | **3016C13** | | Units | 7% O2 | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 462 | | | | | | | | | | | | | | | | | | | |
| 463 | PM | | gr/dscf | y | | 0.0037 | | 0.0037 | | 0.0025 | | 0.0033 | | | | | | | |
| 464 | CO (RA) | | ppmv | | | 1.6 | | 1.5 | | 1.6 | | | | | | | | | |
| 465 | HC (RA) | | ppmv | | | 1.92 | | 0.96 | | 1.35 | | | | | | | | | |
| 466 | | | | | | | | | | | | | | | | | | | |
| 467 | HCl | | ppmv | y | | 0.14 | | 0.14 | | 0.11 | nd | 0.130 | | | | | | | |
| 468 | Cl2 | | ppmv | y | nd | 0.015 | nd | 0.015 | nd | 0.016 | | 0.008 | | | | | | | |
| 469 | TCl | | ppmv | y | | 0.155 | | 0.155 | | 0.126 | | 0.145 | | | | | | | |
| 470 | | | | | | | | | | | | | | | | | | | |
| 471 | HBr | | g/hr | | nd | 2.1 | nd | 2 | nd | 2.0 | | | | | | | | | |
| 472 | Br2 | | g/hr | | nd | 2.1 | nd | 2.1 | nd | 2.0 | | | | | | | | | |
| 473 | | | | | | | | | | | | | | | | | | | |
| 474 | HF | | g/hr | | nd | 0.52 | nd | 0.53 | nd | 0.51 | | | | | | | | | |
| 475 | F2 | | g/hr | | nd | 1.0 | nd | 1.1 | nd | 1.0 | | | | | | | | | |
| 476 | | | | | | | | | | | | | | | | | | | |
| 477 | HI | | g/hr | | nd | 10 | nd | 11 | nd | 10 | | | | | | | | | |
| 478 | I2 | | g/hr | | nd | 10 | nd | 11 | nd | 10 | | | | | | | | | |
| 479 | | | | | | | | | | | | | | | | | | | |
| 480 | | | | | | | | | | | | | | | | | | | |
| 481 | POHC DRE | Chlorobenzene | | | | | | | | | | | | | | | | | |
| 482 | Feedrate | | lb/hr | | | 71.8 | | 72 | | 71.6 | | 71.8 | | | | | | | |
| 483 | Emission Rate | | lb/hr | | nd | 0.000054 | nd | 0.000056 | nd | 0.000052 | nd | 0.000054 | | | | | | | |
| 484 | DRE | | % | | > | 99.99992% | > | 99.99992% | > | 99.99993% | | | | | | | | | |
| 485 | | | | | | | | | | | | | | | | | | | |
| 486 | POHC DRE | Toluene | | | | | | | | | | | | | | | | | |
| 487 | Feedrate | | lb/hr | | | 21 | | 22 | | 18 | | 20.3 | | | | | | | |
| 488 | Emission Rate | | lb/hr | | nd | 0.00039 | nd | 0.00021 | nd | 0.00018 | nd | 0.00026 | | | | | | | |
| 489 | DRE | | % | | > | 99.9981% | > | 99.9990% | > | 99.9990% | | | | | | | | | |
| 490 | | | | | | | | | | | | | | | | | | | |
| 491 | | | | | | | | | | | | | | | | | | | |
| 492 | Sampling Train | PM | | | | | | | | | | | | | | | | | |
| 493 | Stack Gas Flowrate | | dscfm | | | 14350 | | 14927 | | 13812 | | 14363.0 | | | | | | | |
| 494 | O2 | | % | | | 7.86 | | 8.2 | | 7.61 | | 7.9 | | | | | | | |
| 495 | Moisture | | % | | | 7.56 | | 7.25 | | 8.12 | | 7.6 | | | | | | | |
| 496 | Temperature | | °F | | | 174.1 | | 172.4 | | 171.5 | | 172.7 | | | | | | | |
| 497 | | | | | | | | | | | | | | | | | | | |

| | U | V | W | X | Y | Z | AA | AB | AC | AD | AE | AF | AG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 427 | 0.0013 | | 0.0015 | | 0.0014 | | | | | | | | |
| 428 | 1.26 | | 1.25 | | 1.2922 | | | | | | | | |
| 429 | | | | | | | | | | | | | |
| 430 | 0.035 | nd | 0.04 | | | | | | | | | | |
| 431 | 0.036 | nd | 0.041 | | | | | | | | | | |
| 432 | 0.0535 | | 0.061 | | 0.1014 | | | | | | | | |
| 433 | | | | | | | | | | | | | |
| 434 | 18 | | 17 | | | | | | | | | | |
| 435 | 1.1 | | 0.71 | | | | | | | | | | |
| 436 | 0.28 | | 0.09 | | | | | | | | | | |
| 437 | 0.035 | | 0.021 | | | | | | | | | | |
| 438 | 35 | | 20 | | | | | | | | | | |
| 439 | 5.1 | | 5.6 | | | | | | | | | | |
| 440 | 0.19 | | 0.08 | | | | | | | | | | |
| 441 | 10 | | 6.7 | | | | | | | | | | |
| 442 | 75 | | 48 | | | | | | | | | | |
| 443 | 5 | | 7.7 | | | | | | | | | | |
| 444 | 5.9 | | 29 | | 18.3 | | 48 | | 5.7 | | 20.0 | | 13.0 |
| 445 | 2.6 | | 1.2 | | | | | | | | | | |
| 446 | 0.18 | | 0.43 | | | | | | | | | | |
| 447 | 12 | | 22 | | | | | | | | | | |
| 448 | 4.9 | | 2.3 | | | | | | | | | | |
| 449 | 0.13 | | 0.064 | | | | | | | | | | |
| 450 | 35 | | 28 | | | | | | | | | | |
| 451 | 110.0 | | 68.0 | | 136.8 | | 255 | | 68.0 | | 147.0 | | 88.0 |
| 452 | 6.2 | | 6.3 | | 10.9 | | 22 | | 5.4 | | 10.6 | | 8.6 |
| 453 | | | | | | | | | | | | | |
| 454 | | | | | | | | | | | | | |
| 455 | 12923.0 | | 12896.8 | | 12549.2 | | | | | | | | |
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| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 498 | Sampling Train | PCCD/F | | | | | | | | | | | | | | | | | |
| 499 | Stack Gas Flowrate | | dscfm | | | 14256 | | 14728 | | 14151 | | 14378 | | | | | | | |
| 500 | O2 | | % | | | 7.86 | | 8.2 | | 7.61 | | 7.89 | | | | | | | |
| 501 | Moisture | | % | | | 7.47 | | 7.48 | | 7.49 | | 7.5 | | | | | | | |
| 502 | Temperature | | °F | | | 166.5 | | 164.7 | | 164.6 | | 165.3 | | | | | | | |
| 503 | | | | | | | | | | | | | | | | | | | |
| 504 | | | | | | | | | | | | | | | | | | | |
| 505 | CO (RA) | | ppmv | y | | 1.7 | | 1.6 | | 1.7 | | 1.7 | | | | | | | |
| 506 | HC (RA) | | ppmv | y | | 2.0 | | 1.0 | | 1.5 | | 1.5 | | | | | | | |
| 507 | | | | | | | | | | | | | | | | | | | |
| 508 | | | | | | | | | | | | | | | | | | | |
| 509 | **3016C14** | | Units | 7% O2 | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 510 | | | | | | | | | | | | | | | | | | | |
| 511 | PM | | gr/dscf | y | | 0.0023 | | 0.0023 | | 0.0024 | | 0.0023 | | | | | | | |
| 512 | CO (RA) | | ppmv | | | 1.2 | | 1.4 | | 1.6 | | | | | | | | | |
| 513 | HC (RA) | | ppmv | | | 0.8 | | 1.1 | | 0.97 | | | | | | | | | |
| 514 | | | | | | | | | | | | | | | | | | | |
| 515 | HCl | | ppmv | y | | 0.14 | | 0.14 | | 0.13 | | 0.137 | | | | | | | |
| 516 | Cl2 | | ppmv | y | nd | 0.016 | nd | 0.016 | nd | 0.015 | | 0.008 | | | | | | | |
| 517 | TCl | | ppmv | y | | 0.156 | | 0.156 | | 0.145 | | 0.152 | | | | | | | |
| 518 | | | | | | | | | | | | | | | | | | | |
| 519 | HBr | | g/hr | | nd | 2.1 | nd | 2.1 | nd | 2.1 | | | | | | | | | |
| 520 | Br2 | | g/hr | | nd | 2.1 | nd | 2.1 | nd | 2.1 | | | | | | | | | |
| 521 | | | | | | | | | | | | | | | | | | | |
| 522 | HF | | g/hr | | nd | 0.52 | nd | 0.51 | nd | 0.51 | | | | | | | | | |
| 523 | F2 | | g/hr | | nd | 1.0 | nd | 1.0 | nd | 1.0 | | | | | | | | | |
| 524 | | | | | | | | | | | | | | | | | | | |
| 525 | HI | | g/hr | | nd | 10 | nd | 10 | nd | 10 | | | | | | | | | |
| 526 | I2 | | g/hr | | nd | 10 | nd | 10 | nd | 10 | | | | | | | | | |
| 527 | | | | | | | | | | | | | | | | | | | |
| 528 | | | | | | | | | | | | | | | | | | | |
| 529 | Aluminum | | ug/dscm | y | | 35 | | 35 | | 33 | | | | | | | | | |
| 530 | Arsenic | | ug/dscm | y | | 3.9 | | 3.4 | | 3.4 | | | | | | | | | |
| 531 | Barium | | ug/dscm | y | | 2.2 | | 2.3 | | 3.7 | | | | | | | | | |
| 532 | Beryllium | | ug/dscm | y | | 0.032 | | 0.046 | | 0.048 | | | | | | | | | |
| 533 | Cadmium | | ug/dscm | y | | 82 | | 94 | | 110 | | | | | | | | | |
| 534 | Chromium | | ug/dscm | y | | 6.8 | | 8.6 | | 8.4 | | | | | | | | | |
| 535 | Cobalt | | ug/dscm | y | | 0.11 | | 0.15 | | 0.13 | | | | | | | | | |
| 536 | Copper | | ug/dscm | y | | 92 | | 101 | | 97 | | | | | | | | | |
| 537 | Lead | | ug/dscm | y | | 366 | | 343 | | 436 | | | | | | | | | |
| 538 | Manganese | | ug/dscm | y | | 3.8 | | 5 | | 9 | | | | | | | | | |
| 539 | Nickel | | ug/dscm | y | | 3.2 | | 1.2 | | 1 | | | | | | | | | |
| 540 | Selenium | | ug/dscm | y | | 1.7 | | 1.6 | | 2.1 | | | | | | | | | |
| 541 | Silver | | ug/dscm | y | | 43 | | 24 | | 30 | | | | | | | | | |
| 542 | Thallium | | ug/dscm | y | | 34 | | 39 | | 41 | | | | | | | | | |
| 543 | Vanadium | | ug/dscm | y | | 0.24 | | 0.3 | | 0.3 | | | | | | | | | |
| 544 | Zinc | | ug/dscm | y | | 97 | | 82 | | 91 | | | | | | | | | |
| 545 | | | | | | | | | | | | | | | | | | | |
| 546 | SVM | | ug/dscm | y | | 448 | | 437 | | 546 | | 477 | | | | | | | |
| 547 | LVM | | ug/dscm | y | | 10.7 | | 12.0 | | 11.8 | | 11.5 | | | | | | | |
| 548 | | | | | | | | | | | | | | | | | | | |
| 549 | Sampling Train | PM, HCl/Cl2 | | | | | | | | | | | | | | | | | |
| 550 | Stack Gas Flowrate | | dscfm | | | 12068 | | 12637 | | 12876 | | 12527.0 | | | | | | | |
| 551 | O2 | | % | | | 6.15 | | 6.38 | | 6.64 | | 6.4 | | | | | | | |
| 552 | Moisture | | % | | | 6.94 | | 7.34 | | 7.66 | | 7.3 | | | | | | | |
| 553 | Temperature | | °F | | | 169 | | 168.4 | | 169.8 | | 169.1 | | | | | | | |
| 554 | | | | | | | | | | | | | | | | | | | |
| 555 | Sampling Train | Metals | | | | | | | | | | | | | | | | | |
| 556 | Stack Gas Flowrate | | dscfm | | | 12395 | | 12696 | | 12745 | | 12612 | | | | | | | |
| 557 | O2 | | % | | | 6.15 | | 6.38 | | 6.64 | | 6.39 | | | | | | | |
| 558 | Moisture | | % | | | 7.44 | | 7.76 | | 8.11 | | 7.8 | | | | | | | |
| 559 | Temperature | | °F | | | 170.5 | | 171.1 | | 170.3 | | 170.6 | | | | | | | |
| 560 | | | | | | | | | | | | | | | | | | | |
| 561 | | | | | | | | | | | | | | | | | | | |
| 562 | CO (RA) | | ppmv | y | | 1.1 | | 1.3 | | 1.6 | | 1.3 | | | | | | | |
| 563 | HC (RA) | | ppmv | y | | 0.8 | | 1.1 | | 1.0 | | 1.0 | | | | | | | |
| 564 | | | | | | | | | | | | | | | | | | | |
| 565 | | | | | | | | | | | | | | | | | | | |
| 566 | **3016C15** | | Units | 7% O2 | | R1 | | R2 | | R3 | | Cond Avg | | | | | | | |
| 567 | | | | | | | | | | | | | | | | | | | |
| 568 | PM | | gr/dscf | y | | 0.00034 | | 0.0011 | | 0.0011 | | 0.0008 | | | | | | | |

| | U | V | W | X | Y | Z | AA | AB | AC | AD | AE | AF | AG |
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| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T |
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| 569 | CO (RA) | | ppmv | | | 1.8 | | 2.0 | | 2.1 | | | | | | | | | |
| 570 | HC (RA) | | ppmv | | | 0.77 | | 0.84 | | 0.8 | | | | | | | | | |
| 571 | | | | | | | | | | | | | | | | | | | |
| 572 | | | | | | | | | | | | | | | | | | | |
| 573 | POHC DRE | Chlorobenzene | | | | | | | | | | | | | | | | | |
| 574 | Feedrate | | lb/hr | | | 35.6 | | 36 | | 36 | | 35.86667 | | | | | | | |
| 575 | Emission Rate | | lb/hr | | nd | 0.000038 | nd | 0.00004 | nd | 0.000039 | nd | 0.000039 | | | | | | | |
| 576 | DRE | | % | | > | 99.9999% | > | 99.9999% | > | 99.9999% | | | | | | | | | |
| 577 | | | | | | | | | | | | | | | | | | | |
| 578 | POHC DRE | Toluene | | | | | | | | | | | | | | | | | |
| 579 | Feedrate | | lb/hr | | | 10.5 | | 10.4 | | 7.0 | | 9.3 | | | | | | | |
| 580 | Emission Rate | | lb/hr | | nd | 0.00015 | nd | 0.00018 | nd | 0.00023 | nd | 0.000187 | | | | | | | |
| 581 | DRE | | % | | > | 99.9986% | > | 99.9983% | > | 99.9967% | | | | | | | | | |
| 582 | | | | | | | | | | | | | | | | | | | |
| 583 | | | | | | | | | | | | | | | | | | | |
| 584 | Sampling Train | PM | | | | | | | | | | | | | | | | | |
| 585 | Stack Gas Flowrate | | dscfm | | | 9978 | | 10385 | | 10462 | | 10275.0 | | | | | | | |
| 586 | O2 | | % | | | 9.87 | | 10.4 | | 10.6 | | 10.3 | | | | | | | |
| 587 | Moisture | | % | | | 5.18 | | 5.36 | | 5.37 | | 5.3 | | | | | | | |
| 588 | Temperature | | °F | | | 158.4 | | 157.7 | | 158.3 | | 158.1 | | | | | | | |
| 589 | | | | | | | | | | | | | | | | | | | |
| 590 | CO (RA) | | ppmv | y | | 2.3 | | 2.6 | | 2.8 | | 2.6 | | | | | | | |
| 591 | HC (RA) | | ppmv | y | | 1.0 | | 1.1 | | 1.1 | | 1.1 | | | | | | | |

| | U | V | W | X | Y | Z | AA | AB | AC | AD | AE | AF | AG |
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| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Feedstream 1** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | **3016C1** | **Trial burn** | | | Cond Avg | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Feedstream Description | | | | Sludge | | | | | | | | | | | | | | | | | | | | | | |
| 6 | Feed Rate | | lb/hr | | 3,950.0 | | | | | | | | | | | | | | | | | | | | | | |
| 7 | Thermal Feedrate | | MM Btu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | Arsenic | | g/hr | | 52.00 | | | | | | | | | | | | | | | | | | | | | | |
| 9 | Beryllium | | g/hr | nd | 0.07 | | | | | | | | | | | | | | | | | | | | | | |
| 10 | Cadmium | | g/hr | | 34 | | | | | | | | | | | | | | | | | | | | | | |
| 11 | Chromium | | g/hr | | 179 | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Antimony | | g/hr | | 251 | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Barium | | g/hr | | 1971 | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Cobalt | | g/hr | | 9.7 | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Copper | | g/hr | | 376.00 | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Lead | | g/hr | | 412 | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Manganese | | g/hr | | 5913 | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Nickel | | g/hr | | 59 | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Silver | | g/hr | | 502 | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Thallium | | g/hr | nd | 7.1 | | | | | | | | | | | | | | | | | | | | | | |
| 21 | Vanadium | | g/hr | | 23 | | | | | | | | | | | | | | | | | | | | | | |
| 22 | Zinc | | g/hr | | 4479 | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | Stack Gas Flowrate | | dscfm | | 14357 | | | | | | | | | | | | | | | | | | | | | | |
| 26 | Oxygen | | % | | 8.1 | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | Thermal Feedrate | | MMBtu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | Est Total Firing Rate | | MMBtu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | *Feedrate MTEC Calculations* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | Arsenic | | ug/dscm | | 2314.9 | | | | | | | | | | | | | | | | | | | | | | |
| 33 | Beryllium | | ug/dscm | nd | 3.2 | | | | | | | | | | | | | | | | | | | | | | |
| 34 | Cadmium | | ug/dscm | | 1513.6 | | | | | | | | | | | | | | | | | | | | | | |
| 35 | Chromium | | ug/dscm | | 7968.7 | | | | | | | | | | | | | | | | | | | | | | |
| 36 | Antimony | | ug/dscm | | 11174.1 | | | | | | | | | | | | | | | | | | | | | | |
| 37 | Barium | | ug/dscm | | 87745.2 | | | | | | | | | | | | | | | | | | | | | | |
| 38 | Cobalt | | ug/dscm | | 431.8 | | | | | | | | | | | | | | | | | | | | | | |
| 39 | Copper | | ug/dscm | | 16738.8 | | | | | | | | | | | | | | | | | | | | | | |
| 40 | Lead | | ug/dscm | | 18341.5 | | | | | | | | | | | | | | | | | | | | | | |
| 41 | Manganese | | ug/dscm | | 263235.7 | | | | | | | | | | | | | | | | | | | | | | |
| 42 | Nickel | | ug/dscm | | 2626.6 | | | | | | | | | | | | | | | | | | | | | | |
| 43 | Silver | | ug/dscm | | 22348.1 | | | | | | | | | | | | | | | | | | | | | | |
| 44 | Thallium | | ug/dscm | nd | 316.1 | | | | | | | | | | | | | | | | | | | | | | |
| 45 | Vanadium | | ug/dscm | | 1023.9 | | | | | | | | | | | | | | | | | | | | | | |
| 46 | Zinc | | ug/dscm | | 199396.7 | | | | | | | | | | | | | | | | | | | | | | |
| 47 | SVM | | ug/dscm | | 19855.1 | | | | | | | | | | | | | | | | | | | | | | |
| 48 | LVM | | ug/dscm | | 10285.3 | | | | | | | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | **3016C2** | **Trial burn** | | | Cond Avg | | | | | | | | | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 53 | Feedstream Description | | | | Waste Feed | | | | | | | | | | | | | | | | | | | | | | |
| 54 | Feed Rate | | lb/hr | | 3,918.3 | | | | | | | | | | | | | | | | | | | | | | |
| 55 | Thermal Feedrate | | MM Btu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | Ash | | lb/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 57 | Chlorine | | lb/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 59 | **3016C3** | **Trial burn** | | | Cond Avg | | Cond Avg | | Cond Avg | | | | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | Feedstream Description | | | | Waste Feed | | Spike | | Total | | | | | | | | | | | | | | | | | | |
| 62 | Feed Rate | | lb/hr | | 3,880.7 | | | | | | | | | | | | | | | | | | | | | | |
| 63 | Thermal Feedrate | | MM Btu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 | Silver | | g/hr | | 2067.50 | | | | | | | | | | | | | | | | | | | | | | |
| 65 | Barium | | g/hr | | 657.33 | | | | | | | | | | | | | | | | | | | | | | |
| 66 | Cobalt | | g/hr | | 48.25 | | | | | | | | | | | | | | | | | | | | | | |
| 67 | Copper | | g/hr | | 211.97 | | | | | | | | | | | | | | | | | | | | | | |
| 68 | Manganese | | g/hr | | 6727.37 | | | | | | | | | | | | | | | | | | | | | | |
| 69 | Nickel | | g/hr | | 22.13 | | | | | | | | | | | | | | | | | | | | | | |
| 70 | Vanadium | | g/hr | | 24.07 | | | | | | | | | | | | | | | | | | | | | | |
| 71 | Zinc | | g/hr | | 3631.33 | | | | | | | | | | | | | | | | | | | | | | |
| 72 | Arsenic | | g/hr | | 255.43 | | 224 | | | | | | | | | | | | | | | | | | | | |
| 73 | Beryllium | | g/hr | | 0.5 | | | | | | | | | | | | | | | | | | | | | | |
| 74 | Cadmium | | g/hr | | 261.62 | | 242 | | | | | | | | | | | | | | | | | | | | |
| 75 | Chromium | | g/hr | | 884.34 | | 600 | | | | | | | | | | | | | | | | | | | | |
| 76 | Lead | | g/hr | | 2027.11 | | 1722 | | | | | | | | | | | | | | | | | | | | |
| 77 | Antimony | | g/hr | | 148.46 | | | | | | | | | | | | | | | | | | | | | | |
| 78 | Thallium | | g/hr | | 3.91 | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | Stack Gas Flowrate | | dscfm | | 14357 | | | | | | | | | | | | | | | | | | | | | | |
| 82 | Oxygen | | % | | 8.1 | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | Thermal Feedrate | | MMBtu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | Est Total Firing Rate | | MMBtu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | *Feedrate MTEC Calculations* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | Silver | | ug/dscm | | 92041.2 | | | | | | | | | | | | | | | | | | | | | | |
| 89 | Barium | | ug/dscm | | 29263.1 | | | | | | | | | | | | | | | | | | | | | | |
| 90 | Cobalt | | ug/dscm | | 2148.0 | | | | | | | | | | | | | | | | | | | | | | |
| 91 | Copper | | ug/dscm | | 9436.5 | | | | | | | | | | | | | | | | | | | | | | |
| 92 | Manganese | | ug/dscm | | 299489.9 | | | | | | | | | | | | | | | | | | | | | | |
| 93 | Nickel | | ug/dscm | | 985.2 | | | | | | | | | | | | | | | | | | | | | | |
| 94 | Vanadium | | ug/dscm | | 1071.6 | | | | | | | | | | | | | | | | | | | | | | |
| 95 | Zinc | | ug/dscm | | 161660.0 | | | | | | | | | | | | | | | | | | | | | | |
| 96 | Arsenic | | ug/dscm | | 11371.3 | | 9972.1 | | | | | | | | | | | | | | | | | | | | |
| 97 | Beryllium | | ug/dscm | | 22.3 | | | | | | | | | | | | | | | | | | | | | | |
| 98 | Cadmium | | ug/dscm | | 11646.8 | | 10773.4 | | | | | | | | | | | | | | | | | | | | |
| 99 | Chromium | | ug/dscm | | 39369.2 | | 26710.9 | | | | | | | | | | | | | | | | | | | | |
| 100 | Lead | | ug/dscm | | 90243.2 | | 76660.2 | | | | | | | | | | | | | | | | | | | | |
| 101 | Antimony | | ug/dscm | | 6609.2 | | | | | | | | | | | | | | | | | | | | | | |
| 102 | Thallium | | ug/dscm | | 174.1 | | | | | | | | | | | | | | | | | | | | | | |
| 103 | SVM | | ug/dscm | | 101890.0 | | 87433.6 | | 189323.6 | | | | | | | | | | | | | | | | | | |
| 104 | LVM | | ug/dscm | | 50762.7 | | 36682.9 | | 87445.6 | | | | | | | | | | | | | | | | | | |
| 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107 | **3016C4** | **Trial burn** | | | R1 | | R2 | | R3 | | Cond Avg. | | | | | | | | | | | | | | | | |
| 108 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 109 | Feedstream Description | | | | Waste Feed | | Waste Feed | | Waste Feed | | Waste Feed | | | | | | | | | | | | | | | | |
| 110 | Feed Rate | | lb/hr | | 3,900.0 | | 3900 | | 3900 | | | | | | | | | | | | | | | | | | |
| 111 | Heating Value | | Btu/lb | | 6,720.0 | | 6760 | | 6790 | | | | | | | | | | | | | | | | | | |
| 112 | Moisture | | % | | 77.2 | | 78.5 | | 78.6 | | | | | | | | | | | | | | | | | | |
| 113 | Thermal Feedrate | | MM Btu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 114 | Ash | | % | | 22 | | 20.4 | | 20.4 | | | | | | | | | | | | | | | | | | |
| 115 | Chlorine | | % | | 0.04 | | 0.17 | | 0.12 | | | | | | | | | | | | | | | | | | |
| 116 | Antimony | | g/hr | | 805.0 | | 673.00 | | 628 | | | | | | | | | | | | | | | | | | |
| 117 | Arsenic | | g/hr | | 41.4 | | 39.97 | | 38.11 | | | | | | | | | | | | | | | | | | |
| 118 | Barium | | g/hr | | 4211 | | 4606 | | 4122 | | | | | | | | | | | | | | | | | | |
| 119 | Beryllium | | g/hr | nd | 1.65 | nd | 1.67 | nd | 1.63 | | | | | | | | | | | | | | | | | | |
| 120 | Cadmium | | g/hr | | 32.62 | | 28.19 | | 27.48 | | | | | | | | | | | | | | | | | | |

| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 121 | Chromium | | g/hr | | 339.6 | | 281.9 | | 274.8 | | | | | | | | | | | | | | | | | | |
| 122 | Cobalt | | g/hr | | 13.3 | | 9.2 | | 8.07 | | | | | | | | | | | | | | | | | | |
| 123 | Copper | | g/hr | | 681 | | 585 | | 596 | | | | | | | | | | | | | | | | | | |
| 124 | Lead | | g/hr | | 1048 | | 877 | | 856 | | | | | | | | | | | | | | | | | | |
| 125 | Maganese | | g/hr | | 4106 | | 3833 | | 3859 | | | | | | | | | | | | | | | | | | |
| 126 | Mercury | | g/hr | nd | 0.64 | nd | 0.689 | nd | 0.691 | | | | | | | | | | | | | | | | | | |
| 127 | Nickel | | g/hr | | 322.1 | | 251.7 | | 234.9 | | | | | | | | | | | | | | | | | | |
| 128 | Silver | | g/hr | | 556 | | 527 | | 521 | | | | | | | | | | | | | | | | | | |
| 129 | Thallium | | g/hr | nd | 8.27 | nd | 8.33 | nd | 8.13 | | | | | | | | | | | | | | | | | | |
| 130 | Vanadium | | g/hr | | 22.06 | | 17.21 | | 16.24 | | | | | | | | | | | | | | | | | | |
| 131 | Zinc | | g/hr | | 7561 | | 6467 | | 6338 | | | | | | | | | | | | | | | | | | |
| 132 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 133 | Stack Gas Flowrate | | dscfm | | 14338 | | 14051 | | 15500 | | 14629.67 | | | | | | | | | | | | | | | | |
| 134 | Oxygen | | % | | 8.53 | | 8.8 | | 8.47 | | 8.6 | | | | | | | | | | | | | | | | |
| 135 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 136 | Thermal Feedrate | | MMBtu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 137 | Est Total Firing Rate | | MMBtu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 139 | *Feedrate MTEC Calculations* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | Ash | | mg/dscm | | 17963.0 | | 17373.0 | | 15334.1 | | 16890.0 | | | | | | | | | | | | | | | | |
| 141 | Chlorine | | ug/dscm | | 32660.0 | | 144774.7 | | 90200.6 | | 44605.9 | | | | | | | | | | | | | | | | |
| 142 | Antimony | | ug/dscm | | 37122.0 | | 32369.7 | | 26660.4 | | | | | | | | | | | | | | | | | | |
| 143 | Arsenic | | ug/dscm | | 1907.3 | | 1922.5 | | 1617.9 | | | | | | | | | | | | | | | | | | |
| 144 | Barium | | ug/dscm | | 194187.2 | | 221537.5 | | 174990.9 | | | | | | | | | | | | | | | | | | |
| 145 | Beryllium | | ug/dscm | nd | 76.1 | nd | 80.3 | nd | 69.2 | | | | | | | | | | | | | | | | | | |
| 146 | Cadmium | | ug/dscm | | 1504.2 | | 1355.9 | | 1166.6 | | | | | | | | | | | | | | | | | | |
| 147 | Chromium | | ug/dscm | | 15660.4 | | 13558.7 | | 11666.1 | | | | | | | | | | | | | | | | | | |
| 148 | Cobalt | | ug/dscm | | 613.3 | | 442.5 | | 342.6 | | | | | | | | | | | | | | | | | | |
| 149 | Copper | | ug/dscm | | 31403.8 | | 28137.1 | | 25301.9 | | | | | | | | | | | | | | | | | | |
| 150 | Lead | | ug/dscm | | 48327.8 | | 42181.6 | | 36339.7 | | | | | | | | | | | | | | | | | | |
| 151 | Maganese | | ug/dscm | | 189345.2 | | 184358.0 | | 163825.8 | | | | | | | | | | | | | | | | | | |
| 152 | Mercury | | ug/dscm | nd | 29.5 | nd | 33.1 | nd | 29.3 | | 15.3 | | | | | | | | | | | | | | | | |
| 153 | Nickel | | ug/dscm | | 14853.4 | | 12106.2 | | 9972.2 | | | | | | | | | | | | | | | | | | |
| 154 | Silver | | ug/dscm | | 25639.5 | | 25347.4 | | 22118.0 | | | | | | | | | | | | | | | | | | |
| 155 | Thallium | | ug/dscm | nd | 381.4 | nd | 400.7 | nd | 345.1 | | | | | | | | | | | | | | | | | | |
| 156 | Vanadium | | ug/dscm | | 1017.3 | | 827.8 | | 689.4 | | | | | | | | | | | | | | | | | | |
| 157 | Zinc | | ug/dscm | | 348670.0 | | 311047.1 | | 269066.6 | | | | | | | | | | | | | | | | | | |
| 158 | SVM | | ug/dscm | | 49832.0 | | 43537.5 | | 37506.3 | | 43625.3 | | | | | | | | | | | | | | | | |
| 159 | LVM | | ug/dscm | | 17605.7 | | 15521.3 | | 13318.5 | | 15481.9 | | | | | | | | | | | | | | | | |
| 160 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 161 | **3016C5** | **Trial burn** | | | Cond Avg | | | | | | | | | | | | | | | | | | | | | | |
| 162 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 163 | Feedstream Description | | | | Waste Feed | | | | | | | | | | | | | | | | | | | | | | |
| 164 | Feed Rate | | lb/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 165 | Heating Value | | Btu/lb | | | | | | | | | | | | | | | | | | | | | | | | |
| 166 | Antimony | | lb/hr | | 0.62997543 | | | | | | | | | | | | | | | | | | | | | | |
| 167 | Arsenic | | lb/hr | | 0.02799829 | | | | | | | | | | | | | | | | | | | | | | |
| 168 | Barium | | lb/hr | | 0.15999856 | | | | | | | | | | | | | | | | | | | | | | |
| 169 | Cadmium | | lb/hr | | 0.13997564 | | | | | | | | | | | | | | | | | | | | | | |
| 170 | Chromium | | lb/hr | | 0.01699993 | | | | | | | | | | | | | | | | | | | | | | |
| 171 | Copper | | lb/hr | | 0.2199945 | | | | | | | | | | | | | | | | | | | | | | |
| 172 | Lead | | lb/hr | | 1.799838 | | | | | | | | | | | | | | | | | | | | | | |
| 173 | Manganese | | lb/hr | | 0.014 | | | | | | | | | | | | | | | | | | | | | | |
| 174 | Nickel | | lb/hr | | 0.01499936 | | | | | | | | | | | | | | | | | | | | | | |
| 175 | Selenium | | lb/hr | | 0.00919962 | | | | | | | | | | | | | | | | | | | | | | |
| 176 | Silver | | lb/hr | | 0.63992512 | | | | | | | | | | | | | | | | | | | | | | |
| 177 | Vanadium | | lb/hr | | 0.00013 | | | | | | | | | | | | | | | | | | | | | | |
| 178 | Zinc | | lb/hr | | 1.2999727 | | | | | | | | | | | | | | | | | | | | | | |
| 179 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 180 | Stack Gas Flowrate | | dscfm | | 16732 | | | | | | | | | | | | | | | | | | | | | | |

| | B | C | D | E | F |
|---|---|---|---|---|---|
| 181 | Oxygen | | % | | |
| 182 | | | | | |
| 183 | Thermal Feedrate | | MMBtu/hr | | |
| 184 | Est Total Firing Rate | | MMBtu/hr | | |
| 185 | | | | | |
| 186 | *Feedrate MTEC Calculations* | | | | |
| 187 | Antimony | | ug/dscm | | 10066.6 |
| 188 | Arsenic | | ug/dscm | | 447.4 |
| 189 | Barium | | ug/dscm | | 2556.7 |
| 190 | Cadmium | | ug/dscm | | 2236.7 |
| 191 | Chromium | | ug/dscm | | 271.6 |
| 192 | Copper | | ug/dscm | | 3515.4 |
| 193 | Lead | | ug/dscm | | 28760.3 |
| 194 | Manganese | | ug/dscm | | 223.7 |
| 195 | Nickel | | ug/dscm | | 239.7 |
| 196 | Selenium | | ug/dscm | | 147.0 |
| 197 | Silver | | ug/dscm | | 10225.6 |
| 198 | Vanadium | | ug/dscm | | 2.1 |
| 199 | Zinc | | ug/dscm | | 20772.8 |
| 200 | SVM | | ug/dscm | | 30997.0 |
| 201 | LVM | | ug/dscm | | 719.0 |
| 202 | | | | | |
| 203 | **3016C6** | **Trial burn** | | | Cond Avg |
| 204 | | | | | |
| 205 | Feedstream Description | | | | Waste Feed |
| 206 | Feed Rate | | lb/hr | | |
| 207 | Antimony | | lb/hr | | 0.1499985 |
| 208 | Arsenic | | lb/hr | | 0.00679989 |
| 209 | Barium | | lb/hr | | 0.14999805 |
| 210 | Cadmium | | lb/hr | | 0.04899662 |
| 211 | Chromium | | lb/hr | | 0.00989997 |
| 212 | Copper | | lb/hr | | 0.10999868 |
| 213 | Lead | | lb/hr | | 0.70996379 |
| 214 | Manganese | | lb/hr | | 0.0061 |
| 215 | Nickel | | lb/hr | | 0.01499946 |
| 216 | Selenium | | lb/hr | | 0.00599974 |
| 217 | Silver | | lb/hr | | 0.35999532 |
| 218 | Vanadium | | lb/hr | | 0.0007 |
| 219 | Zinc | | lb/hr | | 0.55999496 |
| 220 | | | | | |
| 221 | Stack Gas Flowrate | | dscfm | | 14142 |
| 222 | Oxygen | | % | | |
| 223 | | | | | |
| 224 | Thermal Feedrate | | MMBtu/hr | | |
| 225 | Est Total Firing Rate | | MMBtu/hr | | |
| 226 | | | | | |
| 227 | *Feedrate MTEC Calculations* | | | | |
| 228 | Antimony | | ug/dscm | | 2835.9 |
| 229 | Arsenic | | ug/dscm | | 128.6 |
| 230 | Barium | | ug/dscm | | 2835.9 |
| 231 | Cadmium | | ug/dscm | | 926.4 |
| 232 | Chromium | | ug/dscm | | 187.2 |
| 233 | Copper | | ug/dscm | | 2079.7 |
| 234 | Lead | | ug/dscm | | 13422.9 |
| 235 | Manganese | | ug/dscm | | 115.3 |
| 236 | Nickel | | ug/dscm | | 283.6 |
| 237 | Selenium | | ug/dscm | | 113.4 |
| 238 | Silver | | ug/dscm | | 6806.2 |
| 239 | Vanadium | | ug/dscm | | 13.2 |
| 240 | Zinc | | ug/dscm | | 10587.5 |

| | B | C | D | E | F |
|---|---|---|---|---|---|
| 241 | SVM | | ug/dscm | | 14349.3 |
| 242 | LVM | | ug/dscm | | 315.7 |
| 243 | | | | | |
| 244 | **3016C7** | **Trial burn** | | | Cond Avg |
| 245 | | | | | |
| 246 | Feedstream Description | | | | Waste Feed |
| 247 | Feed Rate | | lb/hr | | |
| 248 | Antimony | | lb/hr | | 0.0999996 |
| 249 | Arsenic | | lb/hr | | 0.00629994 |
| 250 | Barium | | lb/hr | | 2.3998344 |
| 251 | Beryllium | | lb/hr | | 0.000117 |
| 252 | Cadmium | | lb/hr | | 0.05999526 |
| 253 | Chromium | | lb/hr | | 0.00999997 |
| 254 | Cobalt | | lb/hr | | 0.00086999 |
| 255 | Copper | | lb/hr | | 0.03899981 |
| 256 | Lead | | lb/hr | | 0.13999524 |
| 257 | Maganese | | lb/hr | | 0.01399999 |
| 258 | Mercury | | lb/hr | | 0.01793588 |
| 259 | Nickel | | lb/hr | | 0.01399992 |
| 260 | Selenium | | lb/hr | | 0.08594453 |
| 261 | Silver | | lb/hr | | 0.20999643 |
| 262 | Thallium | | lb/hr | | 0.10849999 |
| 263 | Vanadium | | lb/hr | | 0.00024 |
| 264 | Zinc | | lb/hr | | 0.65997888 |
| 265 | | | | | |
| 266 | Stack Gas Flowrate | | dscfm | | 13751 |
| 267 | Oxygen | | % | | |
| 268 | | | | | |
| 269 | Thermal Feedrate | | MMBtu/hr | | |
| 270 | Est Total Firing Rate | | MMBtu/hr | | |
| 271 | | | | | |
| 272 | *Feedrate MTEC Calculations* | | | | |
| 273 | Antimony | | ug/dscm | | 1944.4 |
| 274 | Arsenic | | ug/dscm | | 122.5 |
| 275 | Barium | | ug/dscm | | 46663.4 |
| 276 | Beryllium | | ug/dscm | | 2.3 |
| 277 | Cadmium | | ug/dscm | | 1166.6 |
| 278 | Chromium | | ug/dscm | | 194.4 |
| 279 | Cobalt | | ug/dscm | | 16.9 |
| 280 | Copper | | ug/dscm | | 758.3 |
| 281 | Lead | | ug/dscm | | 2722.1 |
| 282 | Maganese | | ug/dscm | | 272.2 |
| 283 | Mercury | | ug/dscm | | 348.8 |
| 284 | Nickel | | ug/dscm | | 272.2 |
| 285 | Selenium | | ug/dscm | | 1671.1 |
| 286 | Silver | | ug/dscm | | 4083.3 |
| 287 | Thallium | | ug/dscm | | 2109.7 |
| 288 | Vanadium | | ug/dscm | | 4.7 |
| 289 | Zinc | | ug/dscm | | 12832.9 |
| 290 | SVM | | ug/dscm | | 3888.7 |
| 291 | LVM | | ug/dscm | | 319.2 |
| 292 | | | | | |
| 293 | **3016C8** | **Trial burn** | | | Cond Avg |
| 294 | | | | | |
| 295 | Feedstream Description | | | | Waste Feed |
| 296 | Feed Rate | | lb/hr | | |
| 297 | Antimony | | lb/hr | | 0.072 |
| 298 | Arsenic | | lb/hr | | 0.003 |
| 299 | Barium | | lb/hr | | 1.000 |
| 300 | Beryllium | | lb/hr | | 0.000 |

| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 301 | Cadmium | | lb/hr | | 0.028 | | | | | | | | | | | | | | | | | | | | | | |
| 302 | Chromium | | lb/hr | | 0.011 | | | | | | | | | | | | | | | | | | | | | | |
| 303 | Cobalt | | lb/hr | | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 304 | Copper | | lb/hr | | 0.015 | | | | | | | | | | | | | | | | | | | | | | |
| 305 | Lead | | lb/hr | | 0.038 | | | | | | | | | | | | | | | | | | | | | | |
| 306 | Maganese | | lb/hr | | 0.015 | | | | | | | | | | | | | | | | | | | | | | |
| 307 | Mercury | | lb/hr | | 0.066 | | | | | | | | | | | | | | | | | | | | | | |
| 308 | Nickel | | lb/hr | | 0.012 | | | | | | | | | | | | | | | | | | | | | | |
| 309 | Selenium | | lb/hr | | 0.070 | | | | | | | | | | | | | | | | | | | | | | |
| 310 | Silver | | lb/hr | | 0.120 | | | | | | | | | | | | | | | | | | | | | | |
| 311 | Thallium | | lb/hr | | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 312 | Vanadium | | lb/hr | | 0.000 | | | | | | | | | | | | | | | | | | | | | | |
| 313 | Zinc | | lb/hr | | 0.670 | | | | | | | | | | | | | | | | | | | | | | |
| 314 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 315 | Stack Gas Flowrate | | dscfm | | 10181 | | | | | | | | | | | | | | | | | | | | | | |
| 316 | Oxygen | | % | | | | | | | | | | | | | | | | | | | | | | | | |
| 317 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 318 | Thermal Feedrate | | MMBtu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 319 | Est Total Firing Rate | | MMBtu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 320 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 321 | *Feedrate MTEC Calculations* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 322 | Antimony | | ug/dscm | | 1890.9 | | | | | | | | | | | | | | | | | | | | | | |
| 323 | Arsenic | | ug/dscm | | 76.2 | | | | | | | | | | | | | | | | | | | | | | |
| 324 | Barium | | ug/dscm | | 26262.1 | | | | | | | | | | | | | | | | | | | | | | |
| 325 | Beryllium | | ug/dscm | | 1.5 | | | | | | | | | | | | | | | | | | | | | | |
| 326 | Cadmium | | ug/dscm | | 735.3 | | | | | | | | | | | | | | | | | | | | | | |
| 327 | Chromium | | ug/dscm | | 288.9 | | | | | | | | | | | | | | | | | | | | | | |
| 328 | Cobalt | | ug/dscm | | 3.2 | | | | | | | | | | | | | | | | | | | | | | |
| 329 | Copper | | ug/dscm | | 393.9 | | | | | | | | | | | | | | | | | | | | | | |
| 330 | Lead | | ug/dscm | | 998.0 | | | | | | | | | | | | | | | | | | | | | | |
| 331 | Maganese | | ug/dscm | | 393.9 | | | | | | | | | | | | | | | | | | | | | | |
| 332 | Mercury | | ug/dscm | | 1726.6 | | | | | | | | | | | | | | | | | | | | | | |
| 333 | Nickel | | ug/dscm | | 315.1 | | | | | | | | | | | | | | | | | | | | | | |
| 334 | Selenium | | ug/dscm | | 1837.2 | | | | | | | | | | | | | | | | | | | | | | |
| 335 | Silver | | ug/dscm | | 3151.5 | | | | | | | | | | | | | | | | | | | | | | |
| 336 | Thallium | | ug/dscm | | 0.0 | | | | | | | | | | | | | | | | | | | | | | |
| 337 | Vanadium | | ug/dscm | | 7.6 | | | | | | | | | | | | | | | | | | | | | | |
| 338 | Zinc | | ug/dscm | | 17595.8 | | | | | | | | | | | | | | | | | | | | | | |
| 339 | SVM | | ug/dscm | | 1733.3 | | | | | | | | | | | | | | | | | | | | | | |
| 340 | LVM | | ug/dscm | | 366.5 | | | | | | | | | | | | | | | | | | | | | | |
| 341 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 342 | **3016C9** | **Trial burn** | | | R1 | | R2 | | R3 | | Cond Avg. | | | | | | | | | | | | | | | | |
| 343 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 344 | Feedstream Description | | | | Dry Sludge | | Dry Sludge | | Dry Sludge | | Dry Sludge | | | | | | | | | | | | | | | | |
| 345 | Feed Rate | | lb/hr | | 3,900.0 | | 3899 | | 3869 | | | | | | | | | | | | | | | | | | |
| 346 | Heating Value | | Btu/lb | | | | | | | | | | | | | | | | | | | | | | | | |
| 347 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 348 | **3016C10** | **Trial burn** | | | R1 | | R2 | | R3 | | Cond Avg. | | | | | | | | | | | | | | | | |
| 349 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 350 | Feedstream Description | | | | Dry Sludge | | Dry Sludge | | Dry Sludge | | Dry Sludge | | | | | | | | | | | | | | | | |
| 351 | Feed Rate | | lb/hr | | 4,133.0 | | 3905 | | 3894 | | | | | | | | | | | | | | | | | | |
| 352 | Heating Value | | Btu/lb | | | | | | | | | | | | | | | | | | | | | | | | |
| 353 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 354 | **3016C11** | **Trial burn** | | | R1 | | R2 | | R3 | | Cond Avg. | | | | | | | | | | | | | | | | |
| 355 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 356 | Feedstream Description | | | | Wet Sludge | | Wet Sludge | | Wet Sludge | | Wet Sludge | | | | | | | | | | | | | | | | |
| 357 | Feed Rate | | lb/hr | | 16,924.0 | | 16846 | | | | | | | | | | | | | | | | | | | | |
| 358 | Heating Value | | Btu/lb | | | | | | | | | | | | | | | | | | | | | | | | |
| 359 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 360 | **3016C12** | **Trial burn** | | | R3 | | R4 | | R5 | | R6 | | R7 | | R8 | | R9 | | R10 | | R11 | | Cond Avg | MAX | MIN | MEDIAN 1 | MEDIAN 2 |

| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 361 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 362 | Feedstream Description | | | | Wet Sludge | | | | | | | | | | | | | | | | | | | | | | |
| 363 | Feed Rate | | lb/hr | | 16,071.0 | | 16846 | | 16355 | | 15535.0 | | 15688 | | 16812 | | 16302 | | 15564 | | 16364 | | | | | | |
| 364 | Heating Value | | Btu/lb | | | | | | | | | | | | | | | | | | | | | | | | |
| 365 | Antimony | | lb/hr | | 0.240 | | 0.098 | | 0.160 | | 0.019 | | 0.150 | | 0.460 | | 0.290 | | 0.087 | | 0.082 | | | | | | |
| 366 | Arsenic | | lb/hr | | 0.008 | | 0.010 | | 0.005 | | 0.006 | | 0.006 | | 0.020 | | 0.015 | | 0.005 | | 0.003 | | | | | | |
| 367 | Beryllium | | lb/hr | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | 0.000 | | | | | | |
| 368 | Cadmium | | lb/hr | | 0.190 | | 0.340 | | 0.120 | | 0.110 | | 0.086 | | 0.280 | | 0.190 | | 0.170 | | 0.093 | | | | | | |
| 369 | Chromium | | lb/hr | | 0.050 | | 0.096 | | 0.033 | | 0.020 | | 0.044 | | 0.056 | | 0.031 | | 0.025 | | 0.026 | | | | | | |
| 370 | Cobalt | | lb/hr | | 0.058 | | 0.000 | | 0.040 | | 0.033 | | 0.000 | | 0.004 | | 0.013 | | 0.001 | | 0.000 | | | | | | |
| 371 | Copper | | lb/hr | | 0.100 | | 0.140 | | 0.038 | | 0.039 | | 0.042 | | 0.120 | | 0.093 | | 0.047 | | 0.032 | | | | | | |
| 372 | Lead | | lb/hr | | 0.490 | | 0.740 | | 0.260 | | 0.250 | | 0.320 | | 0.950 | | 0.001 | | 0.370 | | 0.230 | | | | | | |
| 373 | Manganese | | lb/hr | | 0.013 | | 0.005 | | 0.004 | | 0.016 | | 0.004 | | 0.039 | | 0.016 | | 0.025 | | 0.036 | | | | | | |
| 374 | Mercury | | lb/hr | | 0.061 | | 0.049 | | 0.209 | | 0.096 | | 0.063 | | 0.028 | | 0.094 | | 0.029 | | 0.140 | | | | | | |
| 375 | Nickel | | lb/hr | | 0.150 | | 0.049 | | 0.093 | | 0.010 | | 0.092 | | 0.150 | | 0.007 | | 0.013 | | 0.006 | | | | | | |
| 376 | Silver | | lb/hr | | 0.330 | | 0.100 | | 0.400 | | 0.120 | | 0.320 | | 0.270 | | 0.210 | | 0.059 | | 0.110 | | | | | | |
| 377 | Thallium | | lb/hr | | 0.032 | | 0.048 | | 0.018 | | 0.017 | | 0.016 | | 0.049 | | 0.035 | | 0.024 | | 0.011 | | | | | | |
| 378 | Vanadium | | lb/hr | | 0.001 | | 0.001 | | 0.000 | | 0.000 | | 0.000 | | 0.074 | | 0.001 | | 0.001 | | 0.000 | | | | | | |
| 379 | Zinc | | lb/hr | | 0.350 | | 0.460 | | 0.130 | | 0.140 | | 0.180 | | 0.450 | | 0.270 | | 0.170 | | 0.130 | | | | | | |
| 380 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 381 | Stack Gas Flowrate | | dscfm | | 12340 | | 13101.3 | | 11883.26 | | 12390.47 | | 12153.34 | | 12946.5 | | 12307.66 | | 12923.05 | | 12896.83 | | 12549.19 | | | | |
| 382 | Oxygen | | % | | | | | | | | | | | | | | | | | | | | | | | | |
| 383 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 384 | Thermal Feedrate | | MMBtu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 385 | Est Total Firing Rate | | MMBtu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 386 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 387 | *Feedrate MTEC Calculations* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 388 | Antimony | | ug/dscm | | 5200.0 | | 2000.0 | | 3600.0 | | 410.0 | | 3299.9 | | 9499.5 | | 6299.8 | | 1800.0 | | 1700.0 | | 3756.569 | | | | |
| 389 | Arsenic | | ug/dscm | | 167.3 | | 198.0 | | 104.7 | | 121.8 | | 122.0 | | 408.9 | | 322.6 | | 110.6 | | 69.8 | | | | | | |
| 390 | Beryllium | | ug/dscm | | 2.1 | | 4.5 | | 1.7 | | 1.1 | | 1.1 | | 4.5 | | 2.6 | | 3.5 | | 2.1 | | | | | | |
| 391 | Cadmium | | ug/dscm | | 4116.3 | | 6937.6 | | 2699.8 | | 2373.6 | | 1891.9 | | 5781.8 | | 4127.2 | | 3517.0 | | 1928.0 | | | | | | |
| 392 | Chromium | | ug/dscm | | 1083.3 | | 1959.2 | | 742.5 | | 431.6 | | 968.0 | | 1156.5 | | 673.4 | | 517.2 | | 539.0 | | | | | | |
| 393 | Cobalt | | ug/dscm | | 1256.6 | | 3.1 | | 900.0 | | 712.1 | | 1.7 | | 88.8 | | 282.4 | | 19.4 | | 7.9 | | | | | | |
| 394 | Copper | | ug/dscm | | 2166.6 | | 2857.1 | | 855.0 | | 841.6 | | 924.0 | | 2478.2 | | 2020.3 | | 972.4 | | 663.4 | | | | | | |
| 395 | Lead | | ug/dscm | | 10616.2 | | 15101.1 | | 5849.9 | | 5394.6 | | 7039.8 | | 19618.0 | | 13.7 | | 7655.0 | | 4768.2 | | | | | | |
| 396 | Manganese | | ug/dscm | | 281.7 | | 106.1 | | 92.2 | | 345.3 | | 90.2 | | 805.4 | | 347.6 | | 517.2 | | 746.3 | | | | | | |
| 397 | Mercury | | ug/dscm | | 1319.9 | | 998.9 | | 4702.8 | | 2065.6 | | 1383.4 | | 577.8 | | 2037.1 | | 599.5 | | 2893.9 | | 1842.09 | 4703 | 578 | 999 | 1383 |
| 398 | Nickel | | ug/dscm | | 3249.2 | | 999.9 | | 2092.2 | | 209.3 | | 2023.7 | | 3097.1 | | 154.2 | | 269.0 | | 118.2 | | | | | | |
| 399 | Silver | | ug/dscm | | 7149.8 | | 2040.8 | | 8999.7 | | 2589.4 | | 7039.8 | | 5576.0 | | 4562.0 | | 1220.7 | | 2280.5 | | | | | | |
| 400 | Thallium | | ug/dscm | | 693.2 | | 979.4 | | 405.0 | | 366.8 | | 352.0 | | 1011.7 | | 760.2 | | 496.5 | | 228.0 | | | | | | |
| 401 | Vanadium | | ug/dscm | | 13.4 | | 18.2 | | 7.9 | | 10.1 | | 7.7 | | 1528.3 | | 16.1 | | 12.8 | | 6.2 | | | | | | |
| 402 | Zinc | | ug/dscm | | 7583.2 | | 9387.5 | | 2925.0 | | 3021.0 | | 3959.9 | | 9293.2 | | 5865.4 | | 3517.2 | | 2695.1 | | | | | | |
| 403 | SVM | | ug/dscm | | 14732.5 | | 22038.7 | | 8549.7 | | 7768.2 | | 8931.7 | | 25399.8 | | 4140.9 | | 11172.0 | | 6696.2 | | 12158.86 | 25400 | 4141 | 7768 | 8932 |
| 404 | LVM | | ug/dscm | | 1252.8 | | 2161.7 | | 848.9 | | 554.4 | | 1091.1 | | 1570.0 | | 998.7 | | 631.4 | | 610.9 | | 1079.963 | 2162 | 554 | 631 | 999 |
| 405 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 406 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 407 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 408 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 409 | **3016C13** | | Trial burn | | R1 | | R2 | | R3 | | R1 | | R2 | | R3 | | R1 | | R2 | | R3 | | Cond Avg | | | | |
| 410 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 411 | Feedstream Description | | | | Sludge | | Sludge | | Sludge | | Spike | | Spike | | Spike | | Total | | Total | | Total | | Total | | | | |
| 412 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 413 | Feed Rate | | lb/hr | | 15727 | | 15989 | | 16545 | | | | | | | | | | | | | | | | | | |
| 414 | Heating Value(dry) | | Btu/lb | | 6600 | | 6600 | | 6500 | | | | | | | | | | | | | | | | | | |
| 415 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 416 | Moisture | | % | | 78 | | 77 | | 75 | | | | | | | | | | | | | | | | | | |
| 417 | Ash | | % | | 23 | | 24 | | 26 | | | | | | | | | | | | | | | | | | |
| 418 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 419 | Chlorine | | lb/hr | | 5.2 | | 4.0 | | 5.4 | | 23 | | 23.0 | | 23 | | 28.2 | | 27 | | 28.4 | | | | | | |
| 420 | Bromine | | lb/hr | | 0.0175 | | 0.0185 | | 0.0205 | | | | | | | | | | | | | | | | | | |

| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 421 | Flourine | | lb/hr | | 0.0345 | | 0.0375 | | 0.0415 | | | | | | | | | | | | | | | | | | |
| 422 | Iodine | | lb/hr | | 0.0345 | | 0.0375 | | 0.0415 | | | | | | | | | | | | | | | | | | |
| 423 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 424 | Stack Gas Flowrate | | dscfm | | 14350 | | 14927 | | 13812 | | 14350 | | 14927 | | 13812 | | 14350 | | 14927 | | 13812 | | 14363 | | | | |
| 425 | Oxygen | | % | | 7.86 | | 8.2 | | 7.61 | | 7.86 | | 8.2 | | 7.61 | | 7.86 | | 8.2 | | 7.61 | | 7.89 | | | | |
| 426 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 427 | Thermal Feedrate | | MMBtu/hr | | 22.84 | | 24.27 | | 26.89 | | | | | | | | | | | | | | | | | | |
| 428 | Est Total Firing Rate | | MMBtu/hr | | | | | | | | | | | | | | 59.9 | | 60.7 | | 58.7 | | 59.74257 | | | | |
| 429 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 430 | *Feedrate MTEC Calculations* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 431 | Chlorine | | ug/dscm | | 1.03E+05 | | 7.84E+04 | | 1.09E+05 | | 4.57E+05 | | 4.51E+05 | | 4.66E+05 | | 5.60E+05 | | 5.29E+05 | | 5.75E+05 | | 554533.1 | | | | |
| 432 | Ash | | mg/dscm | | 15798 | | 17291 | | 21767 | | | | | | | | 1.58E+04 | | 1.73E+04 | | 2.18E+04 | | 18285.15 | | | | |
| 433 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 434 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 435 | **3016C14** | | Trial burn | | R1 | | R2 | | R3 | | R1 | | R2 | | R3 | | R1 | | R2 | | R3 | | Cond Avg | | | | |
| 436 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 437 | Feedstream Description | | | | Sludge | | Sludge | | Sludge | | Spike | | Spike | | Spike | | Total | | Total | | Total | | Total | | | | |
| 438 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 439 | Feed Rate | | lb/hr | | 16139 | | 16185 | | 16345 | | | | | | | | | | | | | | | | | | |
| 440 | Heating Value(dry) | | Btu/lb | | 6300 | | 6300 | | 5900 | | | | | | | | | | | | | | | | | | |
| 441 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 442 | Moisture | | % | | 73 | | 73 | | 73 | | | | | | | | | | | | | | | | | | |
| 443 | Ash | | % | | 34 | | 35 | | 37 | | | | | | | | | | | | | | | | | | |
| 444 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 445 | Chlorine | | lb/hr | | 3.3 | | 3.9 | | 3.8 | | 23 | | 23 | | 23 | | 26.3 | | 26.9 | | 26.8 | | | | | | |
| 446 | Bromine | | lb/hr | | 0.022 | | 0.022 | | 0.022 | | | | | | | | | | | | | | | | | | |
| 447 | Flourine | | lb/hr | | 0.0435 | | 0.0435 | | 0.044 | | | | | | | | | | | | | | | | | | |
| 448 | Iodine | | lb/hr | | 0.0435 | | 0.0435 | | 0.044 | | | | | | | | | | | | | | | | | | |
| 449 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 450 | Aluminum | | g/hr | | 14429 | | 13677 | | 15214 | | | | | | | | 14429 | | 13677 | | 15214 | | | | | | |
| 451 | Antimony | | g/hr | | 2273 | | 1982 | | 1742 | | | | | | | | 2273 | | 1982 | | 1742 | | | | | | |
| 452 | Arsenic | | g/hr | | 18 | | 19 | | 26 | | 72 | | 73 | | 69 | | 90 | | 92 | | 95 | | | | | | |
| 453 | Barium | | g/hr | | 415 | | 297 | | 420 | | | | | | | | 415 | | 297 | | 420 | | | | | | |
| 454 | Beryllium | | g/hr | | 1.2 | | 1.2 | | 1.4 | | 2 | | 2 | | 1.8 | | 3.2 | | 3.2 | | 3.2 | | | | | | |
| 455 | Cadmium | | g/hr | | 13 | | 12 | | 56 | | 76 | | 76 | | 82 | | 89 | | 88 | | 138 | | | | | | |
| 456 | Chromium | | g/hr | | 287 | | 218 | | 240 | | 340 | | 332 | | 294 | | 627 | | 550 | | 534 | | | | | | |
| 457 | Cobalt | | g/hr | | 14 | | 5.9 | | 16 | | 20 | | 19 | | 12 | | 34 | | 25 | | 28 | | | | | | |
| 458 | Copper | | g/hr | | 1281 | | 1101 | | 1409 | | 833 | | 831 | | 730 | | 2114 | | 1932 | | 2139 | | | | | | |
| 459 | Lead | | g/hr | | 830 | | 186 | | 280 | | 595 | | 595 | | 595 | | 1425 | | 781 | | 875 | | | | | | |
| 460 | Manganese | | g/hr | | 128 | | 93 | | 154 | | 2688 | | 2904 | | 2456 | | 2816 | | 2997 | | 2610 | | | | | | |
| 461 | Mercury | | g/hr | | 0.55 | | 0.5 | | 0.34 | | | | | | | | 0.55 | | 0.5 | | 0.34 | | | | | | |
| 462 | Nickel | | g/hr | | 78 | | 44 | | 54 | | 204 | | 212 | | 187 | | 282 | | 256 | | 241 | | | | | | |
| 463 | Selenium | | g/hr | | 10 | | 10 | | 10 | | | | | | | | 10 | | 10 | | 10 | | | | | | |
| 464 | Silver | | g/hr | | 978 | | 991 | | 881 | | | | | | | | 978 | | 991 | | 881 | | | | | | |
| 465 | Thallium | | g/hr | | | | | | | | 29 | | 32 | | 29 | | 29 | | 32 | | 29 | | | | | | |
| 466 | Vanadium | | g/hr | | 30 | | 30 | | 36 | | | | | | | | 30 | | 30 | | 36 | | | | | | |
| 467 | Zinc | | g/hr | | 1809 | | 1407 | | 1441 | | | | | | | | 1809 | | 1407 | | 1441 | | | | | | |
| 468 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 469 | Stack Gas Flowrate | | dscfm | | 12395 | | 12696 | | 12745 | | 12395 | | 12696 | | 12745 | | 12395 | | 12696 | | 12745 | | | | | | |
| 470 | Oxygen | | % | | 6.15 | | 6.38 | | 6.64 | | 6.15 | | 6.38 | | 6.64 | | 6.15 | | 6.38 | | 6.64 | | | | | | |
| 471 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 472 | Thermal Feedrate | | MMBtu/hr | | 27.45 | | 27.53 | | 26.04 | | | | | | | | | | | | | | | | | | |
| 473 | Est Total Firing Rate | | MMBtu/hr | | | | | | | | | | | | | | 58.4 | | 58.9 | | 58.1 | | 58.48672 | | | | |
| 474 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 475 | *Feedrate MTEC Calculations* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 476 | Chlorine | | ug/dscm | | 6.71E+04 | | 7.86E+04 | | 7.77E+04 | | 4.68E+05 | | 4.64E+05 | | 4.70E+05 | | 5.35E+05 | | 5.42E+05 | | 5.48E+05 | | 541820.3 | | | | |
| 477 | Ash | | mg/dscm | | 30130 | | 30844 | | 33397 | | | | | | | | 3.01E+04 | | 3.08E+04 | | 3.34E+04 | | 31456.85 | | | | |
| 478 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 479 | Aluminum | | ug/dscm | | 646,329 | | 607,529 | | 685,393 | | 0 | | 0 | | 0 | | 646329 | | 607529 | | 685393 | | | | | | |
| 480 | Antimony | | ug/dscm | | 101,816 | | 88,040 | | 78,477 | | 0 | | 0 | | 0 | | 101816 | | 88040 | | 78477 | | | | | | |

| | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 481 | Arsenic | | ug/dscm | | 806 | | 844 | | 1,171 | | 3,225 | | 3,243 | | 3,108 | | 4031 | | 4087 | | 4280 | | | | | | |
| 482 | Barium | | ug/dscm | | 18,589 | | 13,193 | | 18,921 | | 0 | | 0 | | 0 | | 18589 | | 13193 | | 18921 | | | | | | |
| 483 | Beryllium | | ug/dscm | | 54 | | 53 | | 63 | | 90 | | 89 | | 81 | | 143 | | 142 | | 144 | | | | | | |
| 484 | Cadmium | | ug/dscm | | 582 | | 533 | | 2,523 | | 3,404 | | 3,376 | | 3,694 | | 3987 | | 3909 | | 6217 | | | | | | |
| 485 | Chromium | | ug/dscm | | 12,856 | | 9,684 | | 10,812 | | 15,230 | | 14,747 | | 13,245 | | 28086 | | 24431 | | 24057 | | | | | | |
| 486 | Cobalt | | ug/dscm | | 627 | | 262 | | 721 | | 896 | | 844 | | 541 | | 1523 | | 1106 | | 1261 | | | | | | |
| 487 | Copper | | ug/dscm | | 57,381 | | 48,906 | | 63,476 | | 37,313 | | 36,913 | | 32,887 | | 94694 | | 85819 | | 96362 | | | | | | |
| 488 | Lead | | ug/dscm | | 37,179 | | 8,262 | | 12,614 | | 26,652 | | 26,430 | | 26,805 | | 63831 | | 34692 | | 39419 | | | | | | |
| 489 | Manganese | | ug/dscm | | 5,734 | | 4,131 | | 6,938 | | 120,406 | | 128,995 | | 110,643 | | 126139 | | 133126 | | 117581 | | | | | | |
| 490 | Mercury | | ug/dscm | | 25 | | 22 | | 15 | | 0 | | 0 | | 0 | | 25 | | 22 | | 15 | | 20.72116 | | | | |
| 491 | Nickel | | ug/dscm | | 3,494 | | 1,954 | | 2,433 | | 9,138 | | 9,417 | | 8,424 | | 12632 | | 11371 | | 10857 | | | | | | |
| 492 | Selenium | | ug/dscm | | 448 | | 444 | | 451 | | 0 | | 0 | | 0 | | 448 | | 444 | | 451 | | | | | | |
| 493 | Silver | | ug/dscm | | 43,808 | | 44,020 | | 39,689 | | 0 | | 0 | | 0 | | 43808 | | 44020 | | 39689 | | | | | | |
| 494 | Thallium | | ug/dscm | | 0 | | 0 | | 0 | | 1,299 | | 1,421 | | 1,306 | | 1299 | | 1421 | | 1306 | | | | | | |
| 495 | Vanadium | | ug/dscm | | 1,344 | | 1,333 | | 1,622 | | 0 | | 0 | | 0 | | 1344 | | 1333 | | 1622 | | | | | | |
| 496 | Zinc | | ug/dscm | | 81,032 | | 62,499 | | 64,917 | | 0 | | 0 | | 0 | | 81032 | | 62499 | | 64917 | | | | | | |
| 497 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 498 | SVM | | ug/dscm | | 37,761 | | 8,795 | | 15,137 | | 30,057 | | 29,806 | | 30,499 | | 67,818 | | 38,601 | | 45,636 | | 50684.76 | | | | |
| 499 | LVM | | ug/dscm | | 13,716 | | 10,581 | | 12,046 | | 18,545 | | 18,079 | | 16,434 | | 32,260 | | 28,660 | | 28,481 | | 29800.26 | | | | |
| 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 501 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 502 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 503 | **3016C15** | | Trial burn | | R1 | | R2 | | R3 | | R1 | | R2 | | R3 | | R1 | | R2 | | R3 | | Cond Avg | | | | |
| 504 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 505 | Feedstream Description | | | | Sludge | | Sludge | | Sludge | | Spike | | Spike | | Spike | | Total | | Total | | Total | | Total | | | | |
| 506 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 507 | Feed Rate | | lb/hr | | 8063 | | 8210 | | 7954 | | | | | | | | | | | | | | | | | | |
| 508 | Heating Value(dry) | | Btu/lb | | | | | | | | | | | | | | | | | | | | | | | | |
| 509 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 510 | Moisture | | % | | | | | | | | | | | | | | | | | | | | | | | | |
| 511 | Ash | | % | | 20 | | 20 | | 21 | | | | | | | | | | | | | | | | | | |
| 512 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 513 | Chlorine | | lb/hr | | 0.048 | | 0.048 | | 0.048 | | 23 | | 23 | | 23 | | 23.0 | | 23.0 | | 23.0 | | 23.0475 | | | | |
| 514 | Bromine | | lb/hr | | 0.010 | | 0.010 | | 0.010 | | | | | | | | | | | | | | | | | | |
| 515 | Flourine | | lb/hr | | 0.019 | | 0.018 | | 0.017 | | | | | | | | | | | | | | | | | | |
| 516 | Iodine | | lb/hr | | 0.019 | | 0.018 | | 0.017 | | | | | | | | | | | | | | | | | | |
| 517 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 518 | Stack Gas Flowrate | | dscfm | | 9978 | | 10385 | | 10462 | | 9978 | | 10385 | | 10462 | | 9978 | | 10385 | | 10462 | | 10275 | | | | |
| 519 | Oxygen | | % | | 9.87 | | 10.4 | | 10.6 | | 9.87 | | 10.4 | | 10.6 | | 9.87 | | 10.4 | | 10.6 | | 10.29 | | | | |
| 520 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 521 | Thermal Feedrate | | MMBtu/hr | | | | | | | | | | | | | | | | | | | | | | | | |
| 522 | Est Total Firing Rate | | MMBtu/hr | | | | | | | | | | | | | | 35.3 | | 34.9 | | 34.5 | | 34.91439 | | | | |
| 523 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 524 | *Feedrate MTEC Calculations* | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 525 | Ash | | mg/dscm | | 5.44E+04 | | 5.58E+04 | | 5.75E+04 | | | | | | | | 5.44E+04 | | 5.58E+04 | | 5.75E+04 | | 55884.78 | | | | |
| 526 | Chlorine | | ug/dscm | | 1601.03619 | | 1615.204 | | 1634.149 | | 775238.6 | | 782098.9 | | 791272.3 | | 776839.6 | | 783714.1 | | 792906.5 | | 784486.7 | | | | |

| | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **Process Information** | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | **3016C1 Trial burn** | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | Stack Velocity | ft/sec | 28.4 | 29.13333333 | 29.56667 | | | | | | |
| 6 | Nozzle Diameter | in. | 0.302 | 0.311 | 0.302 | | | | | | |
| 7 | Static Press | in W.C | -0.16 | -0.13 | -0.14 | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | **3016C2 Trial burn** | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | MHI Draft | in H2O | 0.254 | 0.253 | 0.252 | | | | | | |
| 12 | Hearth #3 Temp | $^{o}$F | 1772 | 1771 | 1779 | | | | | | |
| 13 | Hearth #6 Temp | $^{o}$F | 526 | 508 | 546 | | | | | | |
| 14 | SCC Exit Temp | $^{o}$F | 1623 | 1625 | 1625 | | | | | | |
| 15 | Venturi Diff. Press | in. W.C | 33 | 35 | 34 | | | | | | |
| 16 | Condenser Water Flow | gpm | 1076 | 1073 | 1069 | | | | | | |
| 17 | Quench Recycle Flow | gpm | 170 | 170 | 170 | | | | | | |
| 18 | Venturi Approach Water Flow | gpm | 105 | 105 | 105 | | | | | | |
| 19 | Venturi Throat Water Flow | gpm | 105 | 105 | 105 | | | | | | |
| 20 | WESP | KVDC | 45 | 44 | 44 | | | | | | |
| 21 | | | | | | | | | | | |
| 22 | **3016C3 Trial burn** | | | | | | | | | | |
| 23 | | | | | | | | | | | |
| 24 | MHI Draft | in H2O | 0.252 | 0.26 | 0.253 | | | | | | |
| 25 | Hearth #3 Temp | $^{o}$F | 1777 | 1758 | 1764 | | | | | | |
| 26 | Hearth #6 Temp | $^{o}$F | 528 | 520 | 521 | | | | | | |
| 27 | SCC Exit Temp | $^{o}$F | 1795 | 1808 | 1806 | | | | | | |
| 28 | Venturi Diff. Press | in. W.C | 35 | 36 | 34 | | | | | | |
| 29 | Condenser Water Flow | gpm | 1073 | 1075 | 1070 | | | | | | |
| 30 | Quench Recycle Flow | gpm | 170 | 170 | 169 | | | | | | |
| 31 | Venturi Approach Water Flow | gpm | 105 | 105 | 105 | | | | | | |
| 32 | Venturi Throat Water Flow | gpm | 105 | 105 | 105 | | | | | | |
| 33 | WESP | KVDC | 45 | 41 | 42 | | | | | | |
| 34 | | | | | | | | | | | |
| 35 | **3016C5 Trial burn** | | | | | | | | | | |
| 36 | | | | | | | | | | | |
| 37 | Hearth #3 Temp | $^{o}$F | 1578 | 1662 | | | | | | | |
| 38 | Venturi Diff. Press. | Inch. H2O | 37.7 | 37.3 | | | | | | | |
| 39 | | | | | | | | | | | |
| 40 | **3016C6 Trial burn** | | | | | | | | | | |
| 41 | | | | | | | | | | | |
| 42 | Hearth #3 Temp | $^{o}$F | 1709 | 1694 | 1667 | | | | | | |
| 43 | Venturi Diff. Press. | Inch. H2O | 36.1 | 36.4 | 34 | | | | | | |
| 44 | | | | | | | | | | | |
| 45 | **3016C7 Trial burn** | | | | | | | | | | |
| 46 | | | | | | | | | | | |
| 47 | Hearth #3 Temp | $^{o}$F | 1601 | 1599 | 1601 | | | | | | |
| 48 | Venturi Diff. Press. | Inch. H2O | 37 | 37 | 36 | | | | | | |
| 49 | | | | | | | | | | | |
| 50 | **3016C8 Trial burn** | | | | | | | | | | |
| 51 | | | | | | | | | | | |
| 52 | Hearth #3 Temp | $^{o}$F | 1503 | 1507 | 1498 | | | | | | |
| 53 | Venturi Diff. Press. | Inch. H2O | 37 | 36 | 35 | | | | | | |
| 54 | | | | | | | | | | | |
| 55 | **3016C9 Trial burn** | | | | | | | | | | |
| 56 | | | | | | | | | | | |
| 57 | Hearth #3 Temp | $^{o}$F | 1624 | 1627 | 1627 | | | | | | |
| 58 | Hearth #4 Temp | $^{o}$F | 1634 | 1575 | 1526 | | | | | | |
| 59 | Hearth #5 Temp | $^{o}$F | 1523 | 1364 | 1318 | | | | | | |
| 60 | SCC Temp | $^{o}$F | 1703 | 1699 | 1697 | | | | | | |
| 61 | Venturi Diff. Press | inch H2O | 36.2 | 36.4 | 36 | | | | | | |
| 62 | Scrubber Blowdown | gpm | 30 | 30 | 30 | | | | | | |
| 63 | Condenser Flowrate | gpm | 1050 | 1053 | 1000 | | | | | | |
| 64 | Quech Recycle Flowrate | gpm | 191 | 191 | 190 | | | | | | |
| 65 | Venturi Flowrate | gpm | 190 | 191 | 190 | | | | | | |
| 66 | Scrubber pH | pH | 5.1 | 4.7 | 4.7 | | | | | | |
| 67 | WESP | KV | 41.3 | 40.9 | 40.5 | | | | | | |
| 68 | | | | | | | | | | | |
| 69 | **3016C10 Trial burn** | | | | | | | | | | |

| | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 70 | | | | | | | | | | | |
| 71 | Hearth #3 Temp | $^{o}$F | 1635 | 1629 | 1619 | | | | | | |
| 72 | Hearth #4 Temp | $^{o}$F | 1517 | 1449 | 1478 | | | | | | |
| 73 | Hearth #5 Temp | $^{o}$F | 1325 | 1321 | 1396 | | | | | | |
| 74 | SCC Temp | $^{o}$F | 1701 | 1693 | 1696 | | | | | | |
| 75 | Venturi Diff. Press | inch H2O | 36.7 | 34.8 | 35.7 | | | | | | |
| 76 | Scrubber Blowdown | gpm | 30 | 30 | 30 | | | | | | |
| 77 | Condenser Flowrate | gpm | 1000 | 1000 | 1006 | | | | | | |
| 78 | Quech Recycle Flowrate | gpm | 190 | 190 | 190 | | | | | | |
| 79 | Venturi Flowrate | gpm | 190 | 190 | 192 | | | | | | |
| 80 | Scrubber pH | pH | 4.5 | 4.5 | 5 | | | | | | |
| 81 | WESP | KV | 46.8 | 47 | 46.6 | | | | | | |
| 82 | | | | | | | | | | | |
| 83 | **3016C11 Trial burn** | | | | | | | | | | |
| 84 | | | | | | | | | | | |
| 85 | Hearth #3 Temp | $^{o}$F | 1503 | 1500 | | | | | | | |
| 86 | Hearth #4 Temp | $^{o}$F | 1433 | 1365 | | | | | | | |
| 87 | Hearth #5 Temp | $^{o}$F | 1398 | 1398 | | | | | | | |
| 88 | SCC Temp | $^{o}$F | 1600 | 1600 | | | | | | | |
| 89 | WESP | KVA | 1.28 | 1.22 | | | | | | | |
| 90 | Venturi Press. Drop | inch H2O | 44.7 | 44.8 | | | | | | | |
| 91 | Scrubber pH | | 4.15 | 3.79 | | | | | | | |
| 92 | | | | | | | | | | | |
| 93 | **3016C12 Trial burn** | | | | | | | | | | |
| 94 | | | Run 3 | Run 4 | Run 5 | Run 6 | Run 7 | Run 8 | Run 9 | Run 10 | Run 11 |
| 95 | Hearth #3 Temp | $^{o}$F | 1626 | 1619 | 1627 | 1627 | 1629 | 1632 | 1655 | 1629 | 1633 |
| 96 | Hearth #4 Temp | $^{o}$F | 1290 | 1305 | 1316 | 1046 | 1247 | 1305 | 1273 | 1240 | 1344 |
| 97 | Hearth #5 Temp | $^{o}$F | 1093 | 1120 | 1115 | 846 | 1172 | 1215 | 1131 | 1221 | 1324 |
| 98 | SCC Temp | $^{o}$F | 1753 | 1756 | 1749 | 1752 | 1349 | 1756 | 1748 | 1751 | 1754 |
| 99 | WESP | KVA | 1.1 | 0.96 | 1.26 | 1.45 | 1.49 | 1.19 | 1.18 | 1.49 | 1.18 |
| 100 | Venturi Press. Drop | inch H2O | 49.8 | 37.9 | 49.8 | 50 | 49.2 | 38.3 | 45.8 | 38.6 | 38.6 |
| 101 | Scrubber pH | | 5.01 | 4.81 | 4.82 | 5.14 | 4.65 | 4.33 | 4 | 5.64 | 5.57 |
| 102 | | | | | | | | | | | |
| 103 | | | | | | | | | | | |
| 104 | | | | | | | | | | | |
| 105 | **3016 C13 Trial burn** | | Cond Avg | | | | | | | | |
| 106 | | | | | | | | | | | |
| 107 | SCC Temp | $^{o}$F | 1600 | | | | | | | | |
| 108 | Quench Flow Rate | GPM | 149 | | | | | | | | |
| 109 | Venturi Press. Drop | inch H2O | 47.4 | | | | | | | | |
| 110 | Venturi Blow Down pH | | 5.47 | | | | | | | | |
| 111 | WESP Secondary KVA | KVA | 0.93 | | | | | | | | |
| 112 | Hearth #0 Temp | $^{o}$F | 1020 | | | | | | | | |
| 113 | Hearth # 3&4 Hottest Temp | $^{o}$F | 1502 | | | | | | | | |
| 114 | Hearth # 7 Temp | $^{o}$F | 360 | | | | | | | | |
| 115 | | | | | | | | | | | |
| 116 | | | | | | | | | | | |
| 117 | | | | | | | | | | | |
| 118 | **3016 C14 Trial burn** | | Cond Avg | | | | | | | | |
| 119 | | | | | | | | | | | |
| 120 | SCC Temp | $^{o}$F | 1775 | | | | | | | | |
| 121 | Quench Flow Rate | GPM | 157 | | | | | | | | |
| 122 | Venturi Press. Drop | inch H2O | 47.2 | | | | | | | | |
| 123 | Venturi Blow Down pH | | 4.66 | | | | | | | | |
| 124 | WESP Secondary KVA | KVA | 0.966 | | | | | | | | |
| 125 | Hearth #0 Temp | $^{o}$F | 1226 | | | | | | | | |
| 126 | Hearth # 3&4 Hottest Temp | $^{o}$F | 1625 | | | | | | | | |
| 127 | Hearth # 7 Temp | $^{o}$F | 331 | | | | | | | | |
| 128 | | | | | | | | | | | |
| 129 | | | | | | | | | | | |
| 130 | **3016 C15 Trial burn** | | Cond Avg | | | | | | | | |
| 131 | | | | | | | | | | | |
| 132 | SCC Temp | $^{o}$F | 1600 | | | | | | | | |
| 133 | Quench Flow Rate | GPM | 144 | | | | | | | | |
| 134 | Venturi Press. Drop | inch H2O | 47.5 | | | | | | | | |
| 135 | Venturi Blow Down pH | | 4.97 | | | | | | | | |
| 136 | WESP Secondary KVA | KVA | 1.01 | | | | | | | | |
| 137 | Hearth #0 Temp | $^{o}$F | 893 | | | | | | | | |

| | B | C | D | E | F | G | H | I | J | K | L |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 138 | Hearth # 3&4 Hottest Temp | $^{o}$F | 1501 | | | | | | | | |
| 139 | Hearth # 7 Temp | $^{o}$F | 162 | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **PCDD/PCDF** | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | Facility Name and ID: | | Eastman Kodak Company | | | | | | | | | | | | |
| 4 | Condition ID: | | 3016C2 | | | | | | | | | | | | |
| 5 | Condition/Test Date: | | Mini-burn, low temp | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | I-TEF | | | Run 1 | | | | Run 2 | | | | Run 3 | |
| 8 | | | Wght Fact | | Total | Total | TEQ | | Total | Total | TEQ | | Total | Total | TEQ |
| 9 | | | | | Full ND | 1/2 ND | 1/2 ND | | Full ND | 1/2 ND | 1/2 ND | | Full ND | 1/2 ND | 1/2 ND |
| 10 | Detected in sample volume (pg) | | | | | | | | | | | | | | |
| 11 | | 2,3,7,8-TCDD | 1 | | | | | | | | | | | | |
| 12 | | Total TCDD | 0 | | | | | | | | | | | | |
| 13 | | 1,2,3,7,8-PCDD | 0.5 | | | | | | | | | | | | |
| 14 | | Total PCDD | 0 | | | | | | | | | | | | |
| 15 | | 1,2,3,4,7,8-HxCDD | 0.1 | | | | | | | | | | | | |
| 16 | | 1,2,3,6,7,8-HxCDD | 0.1 | | | | | | | | | | | | |
| 17 | | 1,2,3,7,8,9-HxCDD | 0.1 | | | | | | | | | | | | |
| 18 | | Total HxCDD | 0 | | | | | | | | | | | | |
| 19 | | 1,2,3,4,6,7,8-HpCDD | 0.01 | | | | | | | | | | | | |
| 20 | | Total HpCDD | 0 | | | | | | | | | | | | |
| 21 | | OCDD | 0.001 | | | | | | | | | | | | |
| 22 | | 2,3,7,8-TCDF | 0.1 | | | | | | | | | | | | |
| 23 | | Total TCDF | 0 | | | | | | | | | | | | |
| 24 | | 1,2,3,7,8-PCDF | 0.05 | | | | | | | | | | | | |
| 25 | | 2,3,4,7,8-PCDF | 0.5 | | | | | | | | | | | | |
| 26 | | Total PCDF | 0 | | | | | | | | | | | | |
| 27 | | 1,2,3,4,7,8-HxCDF | 0.1 | | | | | | | | | | | | |
| 28 | | 1,2,3,6,7,8-HxCDF | 0.1 | | | | | | | | | | | | |
| 29 | | 2,3,4,6,7,8-HxCDF | 0.1 | | | | | | | | | | | | |
| 30 | | 1,2,3,7,8,9-HxCDF | 0.1 | | | | | | | | | | | | |
| 31 | | Total HxCDF | 0 | | | | | | | | | | | | |
| 32 | | 1,2,3,4,6,7,8-HpCDF | 0.01 | | | | | | | | | | | | |
| 33 | | 1,2,3,4,7,8,9-HpCDF | 0.01 | | | | | | | | | | | | |
| 34 | | Total HpCDF | 0 | | | | | | | | | | | | |
| 35 | | OCDF | 0.001 | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | |
| 37 | Gas sample volume (dscf) | | | | | | | | | | | | | | |
| 38 | O2 (%) | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | |
| 40 | PCDD/PCDF (pg in sample) | | | | | 0.0 | 0.00 | | | 0.0 | 0.000 | | | 0.0 | 0.00 |
| 41 | PCDD/PCDF (ng/dscm @ 7% O2) | | | | | 227.00 | 0.49 | | | 1.46 | 0.0023 | | | 0.0000 | 0.0000 |
| 42 | | | | | | | | | | | | | | | |
| 43 | TEQ Cond Avg | | 0.16 | | | | | | | | | | | | |
| 44 | Total Cond Avg | | 76.15 | | | | | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **PCDD/PCDF** | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | Facility Name and ID: | | Eastman Kodak Company | | | | | | | | | | | | |
| 4 | Condition ID: | | 3016C4 | | | | | | | | | | | | |
| 5 | Condition/Test Date: | | Mini-burn, max feedrate | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | I-TEF | | | Run 1 | | | | Run 2 | | | | Run 3 | |
| 8 | | | Wght Fact | | Total | Total | TEQ | | Total | Total | TEQ | | Total | Total | TEQ |
| 9 | | | | | | 1/2 ND | 1/2 ND | | | 1/2 ND | 1/2 ND | | | 1/2 ND | 1/2 ND |
| 10 | Detected in sample volume (ng) | | | | | | | | | | | | | | |
| 11 | | 2,3,7,8-TCDD | 1 | | | | | | | | | | | | |
| 12 | | Total TCDD | 0 | | 0.005 | 5.0E-03 | 0.000E+00 | | 0 | 7.00E-03 | 0.00E+00 | | | | |
| 13 | | 1,2,3,7,8-PCDD | 0.5 | | | | | | | | | | | | |
| 14 | | Total PCDD | 0 | | | | | | 0.01 | 1.00E-02 | 0.00E+00 | | | | |
| 15 | | 1,2,3,4,7,8-HxCDD | 0.1 | | | | | | | | | | | | |
| 16 | | 1,2,3,6,7,8-HxCDD | 0.1 | | | | | | 0.03 | 3.00E-02 | 3.00E-03 | | | | |
| 17 | | 1,2,3,7,8,9-HxCDD | 0.1 | | | | | | 0.02 | 2.00E-02 | 2.00E-03 | | | | |
| 18 | | Total HxCDD | 0 | | | | | | 0.09 | 9.00E-02 | 0.00E+00 | | 0.010 | 1.00E-02 | 0.00E+00 |
| 19 | | 1,2,3,4,6,7,8-HpCDD | 0.01 | | 0.007 | 7.0E-03 | 7.000E-05 | | 0.3 | 3.00E-01 | 3.00E-03 | | | | |
| 20 | | Total HpCDD | 0 | | 0.003 | 3.0E-03 | 0.000E+00 | | 0.13 | 1.30E-01 | 0.00E+00 | | 0.007 | 7.00E-03 | 0.00E+00 |
| 21 | | OCDD | 0.001 | | 0.030 | 3.0E-02 | 3.000E-05 | | 0.45 | 4.50E-01 | 4.50E-04 | | 0.030 | 3.00E-02 | 3.00E-05 |
| 22 | | 2,3,7,8-TCDF | 0.1 | | 0.005 | 5.0E-03 | 5.000E-04 | | | | | | | | |
| 23 | | Total TCDF | 0 | | 0.015 | 1.5E-02 | 0.000E+00 | | | | | | | | |
| 24 | | 1,2,3,7,8-PCDF | 0.05 | | | | | | 0.03 | 3.00E-02 | 1.50E-03 | | | | |
| 25 | | 2,3,4,7,8-PCDF | 0.5 | | | | | | 0.03 | 3.00E-02 | 1.50E-02 | | | | |
| 26 | | Total PCDF | 0 | | | | | | 0.1 | 1.00E-01 | 0.00E+00 | | | | |
| 27 | | 1,2,3,4,7,8-HxCDF | 0.1 | | | | | | 0.22 | 2.20E-01 | 2.20E-02 | | | | |
| 28 | | 1,2,3,6,7,8-HxCDF | 0.1 | | | | | | 0.07 | 7.00E-02 | 7.00E-03 | | | | |
| 29 | | 2,3,4,6,7,8-HxCDF | 0.1 | | 0.008 | 8.0E-03 | 8.000E-04 | | 0.05 | 5.00E-02 | 5.00E-03 | | | | |
| 30 | | 1,2,3,7,8,9-HxCDF | 0.1 | | | | | | 0.007 | 7.00E-03 | 7.00E-04 | | | | |
| 31 | | Total HxCDF | 0 | | | | | | 0.16 | 1.60E-01 | 0.00E+00 | | 0.005 | 5.00E-03 | 0.00E+00 |
| 32 | | 1,2,3,4,6,7,8-HpCDF | 0.01 | | 0.010 | 1.0E-02 | 1.000E-04 | | 0.41 | 4.10E-01 | 4.10E-03 | | 0.010 | 1.00E-02 | 1.00E-04 |
| 33 | | 1,2,3,4,7,8,9-HpCDF | 0.01 | | | | | | | | | | | | |
| 34 | | Total HpCDF | 0 | | | | | | 0.09 | 9.00E-02 | 0.00E+00 | | 0.010 | 1.00E-02 | 0.00E+00 |
| 35 | | OCDF | 0.001 | | 0.010 | 1.0E-02 | 1.000E-05 | | 0.35 | 3.50E-01 | 3.50E-04 | | | | |
| 36 | | | | | | | | | | | | | | | |
| 37 | | Gas sample volume (dscf) | | | | 117.20 | 117.20 | | | 113.20 | 113.20 | | | 126.81 | 126.81 |
| 38 | | O2 (%) | | | | 8.50 | 8.50 | | | 8.80 | 8.80 | | | 8.50 | 8.50 |
| 39 | | | | | | | | | | | | | | | |
| 40 | | PCDD/PCDF (ng in sample) | | | | 6.3E-02 | 1.51E-03 | | | 1.4 | 0.06 | | | 0.1 | 0.00 |
| 41 | | PCDD/PCDF (ng/dscm @ 7% O2) | | | | 2.13E-02 | 5.10E-04 | | | 4.97E-01 | 2.30E-02 | | | 1.93E-02 | 4.06E-05 |
| 42 | | | | | | | | | | | | | | | |
| 43 | | TEQ Cond Avg | 0.01 | | | | | | | | | | | | |
| 44 | | Total Cond Avg | 0.18 | | | | | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **PCDD/PCDF** | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | Facility Name and ID: | | Eastman Kodak Company | | | | | | | | | | | | |
| 4 | Condition ID: | | 3016C9 | | | | | | | | | | | | |
| 5 | Condition/Test Date: | | Trial burn, max feedrate, max #3 hearth temp | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | I-TEF | | | Run 1 | | | | Run 2 | | | | Run 3 | |
| 8 | | | Wght Fact | | Total | Total | TEQ | | Total | Total | TEQ | | Total | Total | TEQ |
| 9 | | | | | | 1/2 ND | 1/2 ND | | | 1/2 ND | 1/2 ND | | | 1/2 ND | 1/2 ND |
| 10 | Detected in sample volume (ng) | | | | | | | | | | | | | | |
| 11 | | 2,3,7,8-TCDD | 1 | nd | 0.0022 | 0.0011 | 0.0011 | nd | 0.0021 | 0.00 | 0.00 | nd | 0.0021 | 0.0011 | 0.0011 |
| 12 | | 1,2,3,7,8-PCDD | 0.5 | nd | 0.0021 | 0.0011 | 0.0005 | nd | 0.0021 | 0.00 | 0.00 | nd | 0.0023 | 0.0012 | 0.0006 |
| 13 | | 1,2,3,4,7,8-HxCDD | 0.1 | nd | 0.0019 | 0.0010 | 0.0001 | nd | 0.0022 | 0.00 | 0.00 | nd | 0.0022 | 0.0011 | 0.0001 |
| 14 | | 1,2,3,6,7,8-HxCDD | 0.1 | nd | 0.0018 | 0.0009 | 0.0001 | nd | 0.002 | 0.00 | 0.00 | nd | 0.0020 | 0.0010 | 0.0001 |
| 15 | | 1,2,3,7,8,9-HxCDD | 0.1 | nd | 0.0020 | 0.0010 | 0.0001 | nd | 0.0023 | 0.00 | 0.00 | nd | 0.0023 | 0.0012 | 0.0001 |
| 16 | | 1,2,3,4,6,7,8-HpCDD | 0.01 | | 0.0120 | 0.0120 | 0.0001 | | 0.003 | 0.00 | 0.00 | | 0.0078 | 0.0078 | 0.0001 |
| 17 | | OCDD | 0.001 | | 0.0510 | 0.0510 | 0.0001 | | 0.041 | 0 | 0.00 | | 0.0260 | 0.0260 | 0.0000 |
| 18 | | 2,3,7,8-TCDF | 0.1 | | 0.0130 | 0.0130 | 0.0013 | | 0.014 | 0 | 0.00 | | 0.0065 | 0.0065 | 0.0007 |
| 19 | | 1,2,3,7,8-PCDF | 0.05 | nd | 0.0021 | 0.0011 | 0.0001 | | 0.0032 | 0 | 0.00 | nd | 0.0021 | 0.0011 | 0.0001 |
| 20 | | 2,3,4,7,8-PCDF | 0.5 | | 0.0040 | 0.0040 | 0.0020 | | 0.0045 | 0 | 0.00 | nd | 0.0028 | 0.0014 | 0.0007 |
| 21 | | 1,2,3,4,7,8-HxCDF | 0.1 | | 0.0055 | 0.0055 | 0.0006 | | 0.0061 | 0 | 0.00 | | 0.0044 | 0.0044 | 0.0004 |
| 22 | | 1,2,3,6,7,8-HxCDF | 0.1 | | 0.0024 | 0.0024 | 0.0002 | | 0.003 | 0 | 0.00 | nd | 0.0022 | 0.0011 | 0.0001 |
| 23 | | 2,3,4,6,7,8-HxCDF | 0.1 | nd | 0.0034 | 0.0017 | 0.0002 | | 0.0048 | 0 | 0.00 | | 0.0032 | 0.0032 | 0.0003 |
| 24 | | 1,2,3,7,8,9-HxCDF | 0.1 | nd | 0.0028 | 0.0014 | 0.0001 | nd | 0.0028 | 0 | 0.00 | nd | 0.0028 | 0.0014 | 0.0001 |
| 25 | | 1,2,3,4,6,7,8-HpCDF | 0.01 | | 0.0095 | 0.0095 | 0.0001 | | 0.012 | 0 | 0.00 | | 0.0130 | 0.0130 | 0.0001 |
| 26 | | 1,2,3,4,7,8,9-HpCDF | 0.01 | nd | 0.0025 | 0.0013 | 0.0000 | nd | 0.0025 | 0 | 0.00 | nd | 0.0025 | 0.0013 | 0.0000 |
| 27 | | OCDF | 0.001 | | 0.0075 | 0.0075 | 0.0000 | nd | 0.0062 | 0 | 0.00 | | 0.0059 | 0.0059 | 0.0000 |
| 28 | | Total TCDD | 0 | | | | | | | | | | | | |
| 29 | | Total PCDD | 0 | | | | | | | | | | | | |
| 30 | | Total HxCDD | 0 | | | | | | | | | | | | |
| 31 | | Total HpCDD | 0 | | | | | | | | | | | | |
| 32 | | Total TCDF | 0 | | | | | | | | | | | | |
| 33 | | Total PCDF | 0 | | | | | | | | | | | | |
| 34 | | Total HxCDF | 0 | | | | | | | | | | | | |
| 35 | | Total HpCDF | 0 | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | |
| 37 | | Gas sample volume (dscf) | | | | 137.36 | 137.36 | | | 130.96 | 130.96 | | | 141.72 | 141.72 |
| 38 | | O2 (%) | | | | 6.20 | 6.20 | | | 7.4 | 7.4 | | | 7.60 | 7.60 |
| 39 | | | | | | | | | | | | | | | |
| 40 | | PCDD/PCDF (ng in sample) | | | | 0.059 | 0.007 | | | 0.044 | 0.007 | | | 0.032 | 0.005 |
| 41 | | PCDD/PCDF (ng/dscm @ 7% O2) | | | | 0.0142 | 0.0016 | | | 0.0122 | 0.0021 | | | 0.0083 | 0.0012 |
| 42 | | | | | | | | | | | | | | | |
| 43 | | TEQ Cond Avg | 0.0016 | | | | | | | | | | | | |
| 44 | | Total Cond Avg | 0.0116 | | | | | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **PCDD/PCDF** | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | Facility Name and ID: | | Eastman Kodak Company | | | | | | | | | | | | |
| 4 | Condition ID: | | 3016C11 | | | | | | | | | | | | |
| 5 | Condition/Test Date: | | Mini-burn, max feedrate, low temp | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | I-TEF | | | Run 1 | | | | Run 2 | | | | Run 3 | |
| 8 | | | Wght Fact | | Total | Total | TEQ | | Total | Total | TEQ | | Total | Total | TEQ |
| 9 | | | | | | 1/2 ND | 1/2 ND | | | 1/2 ND | 1/2 ND | | | 1/2 ND | 1/2 ND |
| 10 | Detected in sample volume (pg) | | | | | | | | | | | | | | |
| 11 | | 2,3,7,8-TCDD | 1 | nd | 3.4 | 2 | 2 | nd | 3.3 | 2 | 2 | | | | |
| 12 | | Total TCDD | 0 | | 6.00 | 6.0E+00 | 0.000E+00 | | 3.30 | 3.3E+00 | 0 | | | | |
| 13 | | 1,2,3,7,8-PCDD | 0.5 | | 2.80 | 2.8E+00 | 1.400E+00 | | 2.80 | 2.8E+00 | 1.4E+00 | | | | |
| 14 | | Total PCDD | 0 | | 0.00 | | | | 0.00 | | | | | | |
| 15 | | 1,2,3,4,7,8-HxCDD | 0.1 | | 3.40 | 3.4E+00 | 3.400E-01 | | 3.30 | 3.3E+00 | 3.300E-01 | | | | |
| 16 | | 1,2,3,6,7,8-HxCDD | 0.1 | | 3.00 | 3.0E+00 | 3.000E-01 | | 3.00 | 3.0E+00 | 3.000E-01 | | | | |
| 17 | | 1,2,3,7,8,9-HxCDD | 0.1 | | 4.30 | 4.3E+00 | 4.300E-01 | | 3.60 | 3.6E+00 | 3.600E-01 | | | | |
| 18 | | Total HxCDD | 0 | | 0.30 | 3.0E-01 | 0.000E+00 | | 0.00 | | | | | | |
| 19 | | 1,2,3,4,6,7,8-HpCDD | 0.01 | | 6.50 | 6.5E+00 | 6.500E-02 | | 8.20 | 8.2E+00 | 8.200E-02 | | | | |
| 20 | | Total HpCDD | 0 | | 2.60 | 2.6E+00 | 0.000E+00 | | 0.00 | | | | | | |
| 21 | | OCDD | 0.001 | | 15.00 | 1.5E+01 | 1.500E-02 | | 26.00 | 2.6E+01 | 2.600E-02 | | | | |
| 22 | | 2,3,7,8-TCDF | 0.1 | nd | 3.50 | 1.8E+00 | 1.750E-01 | nd | 3.00 | 1.5E+00 | 1.500E-01 | | | | |
| 23 | | Total TCDF | 0 | | 16.00 | 1.6E+01 | 0.000E+00 | | 19.00 | 1.9E+01 | 0.0E+00 | | | | |
| 24 | | 1,2,3,7,8-PCDF | 0.05 | | 2.00 | 2.0E+00 | 1.000E-01 | | 2.00 | 2.0E+00 | 1.000E-01 | | | | |
| 25 | | 2,3,4,7,8-PCDF | 0.5 | | 2.70 | 2.7E+00 | 1.350E+00 | | 2.80 | 2.8E+00 | 1.4E+00 | | | | |
| 26 | | Total PCDF | 0 | | 3.70 | 3.7E+00 | 0.000E+00 | | 3.30 | 3.3E+00 | 0.0E+00 | | | | |
| 27 | | 1,2,3,4,7,8-HxCDF | 0.1 | nd | 2.10 | 1.1E+00 | 1.050E-01 | | 2.40 | 2.4E+00 | 2.400E-01 | | | | |
| 28 | | 1,2,3,6,7,8-HxCDF | 0.1 | | 1.60 | 1.6E+00 | 1.600E-01 | nd | 1.40 | 7.0E-01 | 7.000E-02 | | | | |
| 29 | | 2,3,4,6,7,8-HxCDF | 0.1 | | 2.20 | 2.2E+00 | 2.200E-01 | | 1.80 | 1.8E+00 | 1.800E-01 | | | | |
| 30 | | 1,2,3,7,8,9-HxCDF | 0.1 | nd | 2.00 | 1.0E+00 | 1.000E-01 | nd | 2.00 | 1.0E+00 | 1.000E-01 | | | | |
| 31 | | Total HxCDF | 0 | | 0.20 | 2.0E-01 | 0.000E+00 | | 0.00 | | | | | | |
| 32 | | 1,2,3,4,6,7,8-HpCDF | 0.01 | nd | 1.60 | 8.0E-01 | 8.000E-03 | | 3.50 | 3.5E+00 | 3.500E-02 | | | | |
| 33 | | 1,2,3,4,7,8,9-HpCDF | 0.01 | nd | 2.10 | 1.1E+00 | 1.050E-02 | nd | 2.20 | 1.1E+00 | 1.100E-02 | | | | |
| 34 | | Total HpCDF | 0 | nd | 1.80 | 9.0E-01 | 0.000E+00 | | 0.60 | 6.0E-01 | 0.0E+00 | | | | |
| 35 | | OCDF | 0.001 | | 8.80 | 8.8E+00 | 8.800E-03 | | 9.30 | 9.3E+00 | 9.300E-03 | | | | |
| 36 | | | | | | | | | | | | | | | |
| 37 | | Gas sample volume (dscf) | | | | 124.01 | 124.01 | | | 121.52 | 121.52 | | | | |
| 38 | | O2 (%) | | | | 5.50 | 5.50 | | | 5.50 | 5.50 | | | | |
| 39 | | | | | | | | | | | | | | | |
| 40 | | PCDD/PCDF (ng in sample) | | | | 5.4E-02 | 6.49E-03 | | | 6.2E-02 | 6.44E-03 | | | | |
| 41 | | PCDD/PCDF (ng/dscm @ 7% O2) | | | | 1.38E-02 | 1.67E-03 | | | 1.62E-02 | 1.69E-03 | | | | |
| 42 | | | | | | | | | | | | | | | |
| 43 | | TEQ Cond Avg | 0.0017 | | | | | | | | | | | | |
| 44 | | Total Cond Avg | 0.01 | | | | | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **PCDD/PCDF** | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | Facility Name and ID: | | Eastman Kodak Company | | | | | | | | | | | | |
| 4 | Condition ID: | | 3016C13 | | | | | | | | | | | | |
| 5 | Condition/Test Date: | | Trial Burn, Min SCC Temp, Nov 29-30, 2001 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | I-TEF | | | Run 1 | | | | Run 2 | | | | Run 3 | |
| 8 | | | Wght Fact | | Total | Total | TEQ | | Total | Total | TEQ | | Total | Total | TEQ |
| 9 | | | | | | 1/2 ND | 1/2 ND | | | 1/2 ND | 1/2 ND | | | 1/2 ND | 1/2 ND |
| 10 | Detected in sample volume (ng) | | | | | | | | | | | | | | |
| 11 | | 2,3,7,8-TCDD | 1 | nd | 0.0059 | 0.0030 | 0.0030 | nd | 0.0041 | 0.0021 | 0.0021 | nd | 0.0056 | 0.0028 | 0.0028 |
| 12 | | 1,2,3,7,8-PCDD | 0.5 | nd | 0.0051 | 0.0026 | 0.0013 | nd | 0.0048 | 0.0024 | 0.0012 | nd | 0.0042 | 0.0021 | 0.0011 |
| 13 | | 1,2,3,4,7,8-HxCDD | 0.1 | nd | 0.0032 | 0.0016 | 0.0002 | nd | 0.0031 | 0.0016 | 0.0002 | nd | 0.0039 | 0.0020 | 0.0002 |
| 14 | | 1,2,3,6,7,8-HxCDD | 0.1 | nd | 0.0030 | 0.0015 | 0.0002 | nd | 0.0030 | 0.0015 | 0.0002 | nd | 0.0037 | 0.0019 | 0.0002 |
| 15 | | 1,2,3,7,8,9-HxCDD | 0.1 | nd | 0.0035 | 0.0018 | 0.0002 | nd | 0.0041 | 0.0021 | 0.0002 | nd | 0.0060 | 0.0030 | 0.0003 |
| 16 | | 1,2,3,4,6,7,8-HpCDD | 0.01 | nd | 0.0130 | 0.0065 | 0.0001 | | 0.0130 | 0.0130 | 0.0001 | | 0.0200 | 0.0200 | 0.0002 |
| 17 | | OCDD | 0.001 | | 0.0410 | 0.0410 | 0.0000 | | 0.0410 | 0.0410 | 0.0000 | | 0.0640 | 0.0640 | 0.0001 |
| 18 | | 2,3,7,8-TCDF | 0.1 | nd | 0.0210 | 0.0105 | 0.0011 | nd | 0.0297 | 0.0149 | 0.0015 | nd | 0.0230 | 0.0115 | 0.0012 |
| 19 | | 1,2,3,7,8-PCDF | 0.05 | nd | 0.0035 | 0.0018 | 0.0001 | nd | 0.0037 | 0.0019 | 0.0001 | nd | 0.0034 | 0.0017 | 0.0001 |
| 20 | | 2,3,4,7,8-PCDF | 0.5 | | 0.0061 | 0.0061 | 0.0031 | | 0.0081 | 0.0081 | 0.0041 | nd | 0.0063 | 0.0032 | 0.0016 |
| 21 | | 1,2,3,4,7,8-HxCDF | 0.1 | | 0.0061 | 0.0061 | 0.0006 | | 0.0009 | 0.0009 | 0.0001 | nd | 0.0067 | 0.0034 | 0.0003 |
| 22 | | 1,2,3,6,7,8-HxCDF | 0.1 | nd | 0.0033 | 0.0017 | 0.0002 | | 0.0034 | 0.0034 | 0.0003 | nd | 0.0042 | 0.0021 | 0.0002 |
| 23 | | 2,3,4,6,7,8-HxCDF | 0.1 | nd | 0.0045 | 0.0023 | 0.0002 | nd | 0.0051 | 0.0026 | 0.0003 | nd | 0.0057 | 0.0029 | 0.0003 |
| 24 | | 1,2,3,7,8,9-HxCDF | 0.1 | nd | 0.0051 | 0.0026 | 0.0003 | nd | 0.0046 | 0.0023 | 0.0002 | nd | 0.0065 | 0.0033 | 0.0003 |
| 25 | | 1,2,3,4,6,7,8-HpCDF | 0.01 | nd | 0.0080 | 0.0040 | 0.0000 | nd | 0.0088 | 0.0044 | 0.0000 | nd | 0.0087 | 0.0044 | 0.0000 |
| 26 | | 1,2,3,4,7,8,9-HpCDF | 0.01 | nd | 0.0075 | 0.0038 | 0.0000 | nd | 0.0053 | 0.0027 | 0.0000 | nd | 0.0056 | 0.0028 | 0.0000 |
| 27 | | OCDF | 0.001 | | 0.0120 | 0.0120 | 0.0000 | | 0.0086 | 0.0086 | 0.0000 | | 0.0110 | 0.0110 | 0.0000 |
| 28 | | | | | | | | | | | | | | | |
| 29 | | Gas sample volume (dscf) | | | | | 190.48 | | | | 198.69 | | | | 192.55 |
| 30 | | O2 (%) | | | | | 7.86 | | | | 8.20 | | | | 7.61 |
| 31 | | | | | | | | | | | | | | | |
| 32 | | PCDD/PCDF (ng in sample) | | | | | 0.0103 | | | | 0.0106 | | | | 0.0088 |
| 33 | | PCDD/PCDF (ng/dscm @ 7% O2) | | | | | 0.0020 | | | | 0.0021 | | | | 0.0017 |
| 34 | | | | | | | | | | | | | | | |
| 35 | | TEQ Cond Avg | 0.0019 | | | | | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | **PCDD/PCDF** | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | Facility Name and ID: | | Eastman Kodak Company | | | | | | | | | | | | |
| 4 | Condition ID: | | 3016C14 | | | | | | | | | | | | |
| 5 | Condition/Test Date: | | Trial Burn, Max SCC Temp, Nov 29-30, 2001 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | | | I-TEF | | | Run 1 | | | | Run 2 | | | | Run 3 | |
| 8 | | | Wght Fact | | Total | Total | TEQ | | Total | Total | TEQ | | Total | Total | TEQ |
| 9 | | | | | | 1/2 ND | 1/2 ND | | | 1/2 ND | 1/2 ND | | | 1/2 ND | 1/2 ND |
| 10 | Detected in sample volume (ng) | | | | | | | | | | | | | | |
| 11 | | 2,3,7,8-TCDD | 1 | nd | 0.0087 | 0.0044 | 0.0044 | nd | 0.0053 | 0.0027 | 0.0027 | nd | 0.0040 | 0.0020 | 0.0020 |
| 12 | | 1,2,3,7,8-PCDD | 0.5 | nd | 0.0043 | 0.0022 | 0.0011 | nd | 0.0053 | 0.0027 | 0.0013 | nd | 0.0040 | 0.0020 | 0.0010 |
| 13 | | 1,2,3,4,7,8-HxCDD | 0.1 | nd | 0.0042 | 0.0021 | 0.0002 | nd | 0.0039 | 0.0020 | 0.0002 | nd | 0.0040 | 0.0020 | 0.0002 |
| 14 | | 1,2,3,6,7,8-HxCDD | 0.1 | nd | 0.0041 | 0.0021 | 0.0002 | nd | 0.0044 | 0.0022 | 0.0002 | nd | 0.0038 | 0.0019 | 0.0002 |
| 15 | | 1,2,3,7,8,9-HxCDD | 0.1 | nd | 0.0085 | 0.0043 | 0.0004 | nd | 0.0063 | 0.0032 | 0.0003 | nd | 0.0045 | 0.0023 | 0.0002 |
| 16 | | 1,2,3,4,6,7,8-HpCDD | 0.01 | | 0.0270 | 0.0270 | 0.0003 | nd | 0.0220 | 0.0110 | 0.0001 | nd | 0.0200 | 0.0100 | 0.0001 |
| 17 | | OCDD | 0.001 | | 0.1010 | 0.1010 | 0.0001 | | 0.0880 | 0.0880 | 0.0001 | | 0.0780 | 0.0780 | 0.0001 |
| 18 | | 2,3,7,8-TCDF | 0.1 | nd | 0.0180 | 0.0090 | 0.0009 | nd | 0.0090 | 0.0045 | 0.0005 | nd | 0.0110 | 0.0055 | 0.0006 |
| 19 | | 1,2,3,7,8-PCDF | 0.05 | nd | 0.0045 | 0.0023 | 0.0001 | nd | 0.0043 | 0.0022 | 0.0001 | nd | 0.0038 | 0.0019 | 0.0001 |
| 20 | | 2,3,4,7,8-PCDF | 0.5 | nd | 0.0047 | 0.0024 | 0.0012 | nd | 0.0049 | 0.0025 | 0.0012 | nd | 0.0051 | 0.0026 | 0.0013 |
| 21 | | 1,2,3,4,7,8-HxCDF | 0.1 | nd | 0.0040 | 0.0020 | 0.0002 | nd | 0.0047 | 0.0024 | 0.0002 | nd | 0.0044 | 0.0022 | 0.0002 |
| 22 | | 1,2,3,6,7,8-HxCDF | 0.1 | nd | 0.0035 | 0.0018 | 0.0002 | nd | 0.0033 | 0.0017 | 0.0002 | nd | 0.0034 | 0.0017 | 0.0002 |
| 23 | | 2,3,4,6,7,8-HxCDF | 0.1 | nd | 0.0043 | 0.0022 | 0.0002 | nd | 0.0041 | 0.0021 | 0.0002 | nd | 0.0042 | 0.0021 | 0.0002 |
| 24 | | 1,2,3,7,8,9-HxCDF | 0.1 | nd | 0.0042 | 0.0021 | 0.0002 | nd | 0.0041 | 0.0021 | 0.0002 | nd | 0.0042 | 0.0021 | 0.0002 |
| 25 | | 1,2,3,4,6,7,8-HpCDF | 0.01 | nd | 0.0037 | 0.0019 | 0.0000 | nd | 0.0054 | 0.0027 | 0.0000 | nd | 0.0039 | 0.0020 | 0.0000 |
| 26 | | 1,2,3,4,7,8,9-HpCDF | 0.01 | nd | 0.0039 | 0.0020 | 0.0000 | nd | 0.0057 | 0.0029 | 0.0000 | nd | 0.0040 | 0.0020 | 0.0000 |
| 27 | | OCDF | 0.001 | | 0.1150 | 0.1150 | 0.0001 | | 0.0150 | 0.0150 | 0.0000 | | 0.0110 | 0.0110 | 0.0000 |
| 28 | | | | | | | | | | | | | | | |
| 29 | | Gas sample volume (dscf) | | | | | 169.43 | | | | 168.30 | | | | 174.85 |
| 30 | | O2 (%) | | | | | 6.15 | | | | 6.38 | | | | 6.64 |
| 31 | | | | | | | | | | | | | | | |
| 32 | | PCDD/PCDF (ng in sample) | | | | | 0.0098 | | | | 0.0076 | | | | 0.0066 |
| 33 | | PCDD/PCDF (ng/dscm @ 7% O2) | | | | | 0.0019 | | | | 0.0015 | | | | 0.0013 |
| 34 | | | | | | | | | | | | | | | |
| 35 | | TEQ Cond Avg | 0.0016 | | | | | | | | | | | | |