Table IV
Summary of Emissions Results

Parameter	Units	Apr 10	Apr 11	May 31 - Jun 1	Jun 13	MACT Limit[4]
		Average of 2 Runs	Average of 3 Runs	Average of 2 Runs[3]	Average of 3 Runs	
Pollutant Concentration						
Particulate	mg/dscm, 7% O_2 (gr/dscf, 7% O_2)	0.9 - 12.1 (0.0004 - 0.0053)	3.9 - 7.8 (0.0017 - 0.0034)	4.1 - 4.8 (0.0018 - 0.0021)	5.5 - 6.9 (0.0024 - 0.0030)	34 (0.015)
HCl / Cl_2	ppmdv, 7% O_2				3.0 – 4.8	77
Chromium	μg/dscm, 7% O_2		45 – 56 *	1.9 – 2.2 *	40 – 43	97
Lead	μg/dscm, 7% O_2		63 – 94 *	4.7 – 8.3 *	3.6 – 3.9	240
Mercury	μg/dscm, 7% O_2		1.9 – 5.0 *	1.8 – 2.0 *		130
Dioxins/Furans	ng TEQ/dscm, 7% O_2				< 0.013 – < 0.089[5]	0.4
Pollutant Removal Efficiency						
Particulate	%	99.81 - 99.99%	99.89 - 99.94%	99.93%	99.93 - 99.95%	
HCl / Cl_2	%				99.93 - 99.96%	
Chromium	%		99.93 - 99.95% *	99.94 - 99.95% *	99.97%	
Lead	%		87.48 - 90.43% *[6]	99.91 - 99.95% *	99.94 - 99.96%	
Mercury	%		< 0 - 5.13% *	77.22 - 79.14% *		

NOTES:

1. A blank cell indicates that the parameter was not determined during that test.
2. Unless noted by a " * ", the range of values presented is the range of detected values for the test. A " * " indicates that one or more fractions were reported as non-detect during at least one test run. In this case the lower value in the range is the lowest detected value (i.e., non-detected fractions = 0), and the higher value is the highest possible value (i.e., non-detected fractions = the detection limit).
3. Metals emissions were only measured during one of the two runs on May 31-June 1.
4. MACT metals limits are for cumulative low-volatility metals (As, Be, and Cr) and cumulative semi-volatile metals (Cd and Pb). Chromium and lead were spiked as representative of their respective groups.
5. Dioxins/furans are reported with "<", indicating that at least one congener was reported as non-detect. This means that the most conservative value is reported.
6. Lead contamination of the filter is suspected for the April 11 test, which may account for the low removal efficiency.

EASTMAN

J.C. (JEFF) MAREK, P.E.
Incineration Manager
Utilities Division

Office 1 423 229 3012
Mobile 1 423 276 9160
Fax 1 423 229 1619
jcmarek@eastman.com

Eastman Chemical Company
Tennessee Eastman Division
P.O. Box 511, Bldg. 481
Kingsport TN 37662 USA