

REPORT DATE: 8/24/05

**Average Specific Gravities 60/60°F,
Pounds/Gallon at 60°F and Percent Residual,
for Approved Cutbacks per Materials Division Policy for Acceptance**

Refinery	P/S #	Units	MC-30	MC-70	MC-250	MC-800	MC-3000
Coastal Energy Company Miller, Missouri	m00305	Spec. Grav. Lbs/Gal. % Residual	0.9940 8.2782 56.0			1.0057 8.3758 80.0	
SemMaterials** Dodge City,KS	m00322	Spec. Grav. Lbs/Gal. % Residual	0.9365 7.7988 59.0	0.9538 7.9430 68.0	0.9715 8.0907 76.0	0.9826 8.1832 84.0	1.0022 8.3466 89.0
Sem Materials*** Catoosa, Oklahoma	m00618	Spec. Grav. Lbs/Gal. % Residual	0.9313 7.7554 57.5				
Sem Materials*** Muskogee, Oklahoma	m00314	Spec. Grav. Lbs/Gal. % Residual	0.9343 7.7804 59.5	0.9494 7.9063 66.8		0.9916 8.2582 83.5	1.0143 8.4475 90.5
Gary Williams Energy Corp. Wynnewood, Oklahoma	m00357	Spec. Grav. Lbs/Gal. % Residual	0.9267 7.7172 58.7	0.9407 7.8338 66.9	0.9598 7.9930 76.2	0.9664 8.0398 83.3	0.9887 8.2340 89.5
Sem Materials** Muskogee,Oklahoma	m00323	Spec. Grav. Lbs/Gal. % Residual	0.9346 7.7892 57.7	0.9532 7.9381 65.5	0.9752 8.1215 75.5	0.9913 8.2557 81.5	1.0064 8.3186 90.5
Valero McKee (Sunray), Texas	m00311	Spec. Grav. Lbs/Gal. % Residual	0.9340 7.7779 56.0	0.9462 7.8780 67.0		0.9826 8.1832 84.5	

Average Specific Gravity to be used on all ODOT projects
from January 1, 2005, thru December 31, 2005.

*Revised April 20,2005 - Added Coastal @ Miller, MO MC-30 & MC-800

Formerly Koch *Formerly Frontier T&T ** *** Revised 8/24/2005

Marcella Donovan

Liquid Asphalt

Reynolds Toney, P.E.

Materials Engineer

Materials Engineer
*** Revised 8/24/2005

Materials Engineer