APPENDIX G-3

Soil Associations Affected by the Proposed

Midcontinent Express Pipeline Project Aboveground Facilities

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TABLE G-3
Soil Associations Affected by the Proposed Midcontinent Express Pipeline Project Aboveground Facilities

MP	Soil Association	Drainage Class	Class of Farmland[a]	Shallow Bedrock[b]	Erosion Hazard		Poor Revegetation Potential	Compaction Potential[c]	Area Affected	
					Water	Wind			Construction (acres)	Operation (acres)
Lamar Compressor Station										
TX 28.7	Deport clay, 0 to 1 percent slopes	Somewhat Poorly Drained	Yes	No	No	No	No	Yes	9.8	9.1
TX 28.7	Burleson clay, 0 to 1 percent slopes	Moderately Well Drained	Yes	No	No	No	No	No	6.2	5.9
Atlanta Compressor Station										
TX 117.4	Bowie fine sandy loam,2 to 5 percent slopes	Well Drained	Yes	No	No	No	No	No	1.9	1.7
TX 117.4	Lulus fine sandy loam, frequently flooded	Moderately Well Drained	No	No	No	No	Yes	No	0.0	0.0
TX 117.4	Tenaha loamy fine sand, 1 to 5 percent slopes	Well Drained	No	No	No	Yes	No	No	4.7	4.5
TX 117.4	Cuthbert fine sandy loam, 5 to 15 percent slopes	Well Drained	No	No	Yes	No	No	No	0.7	0.6
TX 117.4	Cuthbert gravelly fine sandy loam, 5 to15 percent slopes	Well Drained	No	No	Yes	No	No	No	4.9	4.8
Perryville Compressor Station										
LA 109.0	Smithdale fine sandy loam, 8 to 15 percent slopes	Well Drained	No	No	Yes	No	No	No	9.0	7.4

TABLE G-3 (continued)
Soil Associations Affected by the Proposed Midcontinent Express Pipeline Project Aboveground Facilities

MP	Soil Association	Drainage Class	Class of Farmland[a]	Shallow Bedrock[b]	Erosion Hazard		Poor Revegetation Potential	Compaction Potential[c]	Area Affected	
					Water	Wind			Construction (acres)	Operation (acres)
Perryville Compressor Station (continued)										
LA 109.0	Malbis fine sandy loam, 1 to 5 percent slopes	Moderately Well Drained to Well Drained	Yes	No	No	No	No	No	0.0	0.0
LA 109.0	Darly gravelly fine sandy loam, 5 to 12 percent slopes	Well Drained	No	Yes	Yes	No	No	No	0.1	0
LA 109.0	Ruston fine sandy loam, 1 to 5 percent slopes	Well Drained	Yes	No	No	No	No	No	7.8	6.3
Delhi Booster Station										
PL 3.7	Grenada silt loam, 8 to 12 percent slopes	Moderately Well Drained	No	No	No	No	No	No	0.0	0
CPL 3.7	Grenada silt loam, 1 to 3 percent slopes	Moderately Well Drained	No	No	No	No	No	No	8.0	7.5
CPL 3.7	Calhoun-Calloway silt loams, gently undulating	Poorly Drained to Somewhat Poorly Drained	No	No	No	No	Yes	No	8.5	8.3
Vicksburg Compressor Station										
MS 11.8	Waverly and Falaya silt loams	Poorly Drained to Somewhat Poorly Drained	No	No	No	No	Yes	Yes	11.0	10.6
MS 11.8	Calhoun silt loam	Poorly Drained	Yes	No	No	No	Yes	Yes	0.0	0.0

TABLE G-3 (continued)
Soil Associations Affected by the Proposed Midcontinent Express Pipeline Project Aboveground Facilities

MP	Soil Association	Drainage Class	Class of Farmland[a]	Shallow Bedrock[b]	Erosion Hazard		Poor Revegetation Potential	Compaction Potential[c]	Area Affected	
					Water	Wind			Construction (acres)	Operation (acres)
Vicksburg Compressor Station (continued)										
MS 11.8	Falaya silt loam	Somewhat Poorly Drained	Yes	No	No	No	Yes	No	0.9	0.6

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Notes:

Source: SSURGO databases (NRCS 2006; 2007)

a. Farmland classes: P = Prime Farmland; N = not classified as farmland; U = unique farmland; SI = farmland of statewide importance; P(I) = prime farmland if irrigated; P(I,F) = prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season; P(D) = prime farmland if drained. As designated by NRCS.

b. Includes soils that have paralithic bedrock within 60 inches of the soil surface. Where "undefined", type of restrictive layer not defined by NRCS.

c. Includes soils that have clay loam or finer textures in somewhat poor, poor, or very poor drainage classes.