

Begin Milepost ^a	End Milepostª	Map Unit Symbol ^ь	Percent Slope ^c	Depth To Bedrock (inches) ^{c,d}	Land Capability Class ^{c,e}	High Compaction Potential ^f	Erosion Potential ^{c,g}	Wind Erodibility Group ^c	Poor Revegetation Potential ^h	Stony/ Rocky Soils ⁱ	Hydric Soil ^c	Prime Farmland ^{c,j}
Hensel Rep	lacement							1	L			•
188.52	188.57	WeB	4	65	6	No	Moderate	5	No	No	No	No
188.57	188.67	CgB	4	50	7	Yes	Slight	6	No	No	No	No
188.67	188.73	СрВ	4	46	7	Yes	Slight	6	No	No	No	No
188.73	188.78	HoF	38	60	7	No	Severe	5	Yes	Yes	No	No
188.78	188.89	CgB	4	50	7	Yes	Slight	6	No	No	No	No
188.89	189.16	HoF	38	60	7	No	Severe	5	Yes	Yes	No	No
189.16	189.23	CfB	4	50	7	No	Slight	5	No	No	No	No
189.23	189.37	СрВ	4	46	7	Yes	Slight	6	No	No	No	No
189.37	189.49	HmD	17	50	7	No	Moderate	5	Yes	Yes	No	No
189.49	189.61	CgB	4	50	7	Yes	Slight	6	No	No	No	No
189.61	189.79	СрВ	4	46	7	Yes	Slight	6	No	No	No	No
189.79	189.91	CfB	4	50	7	No	Slight	5	No	No	No	No
189.91	190.01	HoF	38	60	7	No	Severe	5	Yes	Yes	No	No
190.01	190.05	CpD	18	46	7	No	Severe	6	Yes	No	No	No
190.05	190.08	HoF	38	60	7	No	Severe	5	Yes	Yes	No	No
190.08	190.15	CfB	4	50	7	No	Slight	5	No	No	No	No
190.15	190.29	HoF	38	60	7	No	Severe	5	Yes	Yes	No	No
190.29	190.38	CpD	18	46	7	No	Severe	6	Yes	No	No	No
190.38	190.41	HoF	38	60	7	No	Severe	5	Yes	Yes	No	No
190.41	190.73	CpD	18	46	7	No	Severe	6	Yes	No	No	No
191.73	191.83	СрВ	38	60	7	No	Severe	5	Yes	Yes	No	No
191.83	191.88	HoF	4	46	7	Yes	Slight	6	No	No	No	No
191.88	192.12	СрВ	38	60	7	No	Severe	5	Yes	Yes	No	No

 Table 7A-1

 Soil Characteristics of each Soil Map Unit Crossed by Leidy South Pipeline Facilities

Begin Milepost ^a	End Milepost ^a	Map Unit Symbol⁵	Percent Slope ^c	Depth To Bedrock (inches) ^{c,d}	Land Capability Class ^{c,e}	High Compaction Potential ^f	Erosion Potential ^{c,g}	Wind Erodibility Group ^c	Poor Revegetation Potential ^h	Stony/ Rocky Soils ⁱ	Hydric Soil ^c	Prime Farmland ^{c,j}
192.12	192.41	HoF	4	46	7	Yes	Slight	6	No	No	No	No
192.41	192.49	CpD	38	60	7	No	Severe	5	Yes	Yes	No	No
192.49	192.57	HmD	18	46	7	No	Severe	6	Yes	No	No	No
192.57	192.57	CgB	17	50	7	No	Moderate	5	Yes	Yes	No	No
192.57	192.67	HmD	4	50	7	Yes	Slight	6	No	No	No	No
192.67	192.71	HoF	17	50	7	No	Moderate	5	Yes	Yes	No	No
192.71	193.12	CpD	38	60	7	No	Severe	5	Yes	Yes	No	No
193.12	193.14	HuB	18	46	7	No	Severe	6	Yes	No	No	No
193.14	193.16	At	6	58	2	No	Moderate	6	No	No	No	Р
193.16	193.24	MhD	1.5	80	4	Yes	Slight	5	No	No	Yes	SWI
193.24	193.39	HoF	19	91	6	No	Severe	6	Yes	No	No	No
193.39	193.44	MhD	38	60	7	No	Severe	5	Yes	Yes	No	No
193.44	193.56	HoF	19	91	6	No	Severe	6	Yes	No	No	No
193.56	193.76	UnB	38	60	7	No	Severe	5	Yes	Yes	No	No
193.76	193.80	HuB	6	48	2	No	Moderate	5	No	No	No	Р
193.80	193.88	At	6	58	2	No	Moderate	6	No	No	No	Р
193.88	193.88	HuB	1.5	80	4	Yes	Slight	5	No	No	Yes	SWI
193.88	193.97	UnB	6	58	2	No	Moderate	6	No	No	No	Р
193.91	193.98	HuB	6	48	2	No	Moderate	5	No	No	No	Р
193.98	194.00	UpF	6	58	2	No	Moderate	6	No	No	No	Р
Hilltop Loo	р	•		•				-				
183.55	183.60	WeB	4	65	6	No	Moderate	5	No	No	No	N
183.60	183.67	CpD	18	46	7	No	Severe	6	Yes	No	No	N
183.67	183.78	CfB	4	50	7	No	Slight	5	No	No	No	N

 Table 7A-1

 Soil Characteristics of each Soil Map Unit Crossed by Leidy South Pipeline Facilities

Begin Milepost ^a	End Milepostª	Map Unit Symbol⁵	Percent Slope ^c	Depth To Bedrock (inches) ^{c,d}	Land Capability Class ^{c,e}	High Compaction Potential ^f	Erosion Potential ^{c,g}	Wind Erodibility Group ^c	Poor Revegetation Potential ^h	Stony/ Rocky Soils ⁱ	Hydric Soil ^c	Prime Farmland ^{c,j}
183.78	183.90	CpD	18	46	7	No	Severe	6	Yes	No	No	N
183.90	184.06	WgB	4	46	6	No	Moderate	5	No	No	No	N
184.06	184.48	WeB	4	65	6	No	Moderate	5	No	No	No	N
184.48	184.60	HmD	17	50	7	No	Moderate	5	Yes	Yes	No	N
184.60	184.81	HkE	53	60	7	No	Severe	5	Yes	No	No	N
184.81	184.93	HoF	38	60	7	No	Severe	5	Yes	Yes	No	N
184.93	185.07	Bb	2	>65	1	No	Slight	3	No	No	No	SWI
185.07	185.15	HkE	53	60	7	No	Severe	5	Yes	No	No	N
185.15	185.35	HoF	38	60	7	No	Severe	5	Yes	Yes	No	N
185.35	185.76	CpD	18	46	7	No	Severe	6	Yes	No	No	N
185.76	185.90	WeB	4	65	6	No	Moderate	5	No	No	No	N
185.90	186.00	CpD	18	46	7	No	Severe	6	Yes	No	No	N
Benton Loc	ор					· · · · · ·			·			
116.95	117.04	LkB	6	58	2	No	Moderate	6	No	No	No	Р
117.04	117.08	LkC	12	58	3	No	Moderate	6	No	No	No	SWI
117.08	117.25	LkB	6	58	2	No	Moderate	6	No	No	No	Р
117.25	117.28	AbB	6	48	2	No	Moderate	5	No	No	No	Р
117.28	117.73	LkB	6	58	2	No	Moderate	6	No	No	No	Р
117.73	117.85	AbB	6	48	2	No	Moderate	5	No	No	No	Р
117.85	118.14	LkC	12	58	3	No	Moderate	6	No	No	No	SWI
118.14	118.18	Ho	2	80	5	No	Slight	8	No	No	Yes	N
118.18	118.23	LkD	20	58	4	No	Severe	6	Yes	No	No	N
118.23	118.44	LkC	12	58	3	No	Moderate	6	No	No	No	SWI
118.44	118.47	LkB	6	58	2	No	Moderate	6	No	No	No	Р

 Table 7A-1

 Soil Characteristics of each Soil Map Unit Crossed by Leidy South Pipeline Facilities

Begin Milepost ^a	End Milepostª	Map Unit Symbol⁵	Percent Slope ^c	Depth To Bedrock (inches) ^{c,d}	Land Capability Class ^{c,e}	High Compaction Potential ^f	Erosion Potential ^{c,g}	Wind Erodibility Group ^c	Poor Revegetation Potential ^h	Stony/ Rocky Soils ⁱ	Hydric Soil ^c	Prime Farmland ^{c,j}
118.47	118.55	LkC	12	58	3	No	Moderate	6	No	No	No	SWI
118.55	118.62	KID	20	19	6	No	Severe	6	Yes	Yes	No	N
118.62	118.74	LkC	12	58	3	No	Moderate	6	No	No	No	SWI
118.74	118.92	Ho	2	80	5	No	Slight	8	No	No	Yes	N
118.92	118.99	LaC	12	117	3	No	Moderate	6	No	Yes	No	SWI
118.99	119.06	LkB	6	58	2	No	Moderate	6	No	No	No	Р
119.06	119.13	AbC	12	0	3	No	Severe	5	No	Yes	No	SWI
119.13	119.18	WIC	12	80	3	No	Moderate	6	No	Yes	No	SWI
119.18	119.21	LkD	20	58	4	No	Severe	6	Yes	No	No	N
119.21	119.26	LkC	12	58	3	No	Moderate	6	No	No	No	SWI
119.26	119.30	LkD	20	58	4	No	Severe	6	Yes	No	No	N
119.30	119.34	LkC	12	58	3	No	Moderate	6	No	No	No	SWI
119.34	119.50	LkB	6	58	2	No	Moderate	6	No	No	No	Р
119.50	119.6	LkC	12	58	3	No	Moderate	6	No	No	No	SWI
119.6	119.58	WIC	12	80	3	No	Moderate	6	No	Yes	No	SWI
119.58	119.63	LkC	12	58	3	No	Moderate	6	No	No	No	SWI
119.63	119.64	LkD	20	58	4	No	Severe	6	Yes	No	No	N
119.64	119.77	LkB	6	58	2	No	Moderate	6	No	No	No	Р
119.77	119.94	LkC	12	58	3	No	Moderate	6	No	No	No	SWI
119.94	120.08	KID	20	19	6	No	Severe	6	Yes	Yes	No	SWI
120.08	120.09	LkC	12	58	3	No	Moderate	6	No	No	No	N
120.09	120.12	KID	20	19	6	No	Severe	6	Yes	Yes	No	SWI
120.12	120.18	WIC	12	80	3	No	Moderate	6	No	Yes	No	N
120.18	120.20	WkE	53	15	7	No	Severe	7	Yes	Yes	No	SWI

 Table 7A-1

 Soil Characteristics of each Soil Map Unit Crossed by Leidy South Pipeline Facilities

Begin Milepostª	End Milepostª	Map Unit Symbol⁵	Percent Slope ^c	Depth To Bedrock (inches) ^{c,d}	Land Capability Class ^{c,e}	High Compaction Potential ^f	Erosion Potential ^{c,g}	Wind Erodibility Group ^c	Poor Revegetation Potential ^h	Stony/ Rocky Soils ⁱ	Hydric Soil ^c	Prime Farmland ^{c,j}
120.20	120.28	KIC	12	19	4	No	Moderate	6	Yes	Yes	No	N
120.28	120.34	KID	20	19	6	No	Severe	6	Yes	Yes	No	N
120.34	120.35	KIC	12	19	4	No	Moderate	6	Yes	Yes	No	N
120.35	120.44	LkB	6	58	2	No	Moderate	6	No	No	No	Ν

 Table 7A-1

 Soil Characteristics of each Soil Map Unit Crossed by Leidy South Pipeline Facilities

^a Mileposts for the Project are based on Transco Leidy Line A, and do not reflect actual pipeline footage.

^b Map unit names and descriptions are located in Appendix 7B.

^c As identified in USDA NRCS SSURGO database and USDA NRCS Web Soil Survey and USDA NRCS Web Soil Survey.

^d Where no bedrock depth is identified, bedrock depth is assumed to be greater than the deepest depth noted in the USDA NRCS Web Soil Survey (>60, >65, >80).

e Land capability classes are defined as follows:

Class 1 - soils with moderate limitations that restrict their use

Class 2 - soils with moderate limitations that reduce the choice of plants or that require moderate conservation practices

Class 3 - soils with severe limitations that reduce the choice of plants or that require moderate conservation practices, or both

Class 4 - soils with very severe limitations that reduce the choice of plants or that require very careful management

Class 5 - soils that are not likely to erode but have other limitations that limit their use, impractical to remove

Class 6 - soils that have severe limitations that make them generally unsuitable for cultivation

^f Compaction Potentials: Soils with Yes compaction potential are those with more than 18 percent clay in the surface horizon with somewhat poorly drained or wetter drainage class, as identified in USDA NRCS SSURGO database and USDA NRCS Web Soil Survey. Dashes indicate that the compaction potential is not Yes.

^g Erosion Potential: NRCS rating for the relative hazard of erosion of soil by water that may result from construction of forest roads and trails, as identified in USDA NRCS SSURGO database.

^h Poor Revegetation Potential: Soils with poor revegetation potential are those with greater than 15 percent slopes or with a very low available water storage (less than 2.5 inches of water per 40 inches of soil), as identified in USDA NRCS SSURGO database and USDA NRCS Web Soil Survey. Dashes indicate that revegetation potential is not poor.

Stony/Rocky Soils: Soils with a Yes risk for introducing large rocks into the topsoil are those with 15 percent or more percent by weight of the surface horizon occupied by rock fragments greater than 3 inches in size or soils with bedrock within 39 inches of the surface, as identified in USDA NRCS SSURGO database and USDA NRCS Web Soil Survey. Dashes indicate that soils do not have a Yes risk for introducing large rocks into the topsoil.

Prime Farmland Soils: Y = yes; N = no; SWI = statewide importance.

Key:

N/A = Information Not Available

Map Unit Symbol ^a	Affected Acres⁵	Percent Slope ^c	Depth to Bedrock (inches) ^c	Land Capability Class ^d	High Compaction Potential ^e	Erosion Potential ^f	Wind Erodibility Group ^c	Poor Revegetation Potential ^g	Stony / Rocky Soils ^h	Hydric Soil ^b	Prime Farmland ⁱ
Hensel Repla	acement										
CY-003											
LdC	0.3	13	90	7	No	Moderate	6	No	No	No	Ν
Lr	8.6	2	90	1	No	Slight	5	No	No	No	Р
CSA-018											
HmD	1.5	17	50	7	No	Moderate	5	No	No	No	N
CSA-019											
CgB	6.8	4	50	7	No	Slight	6	No	No	No	N
СрВ	0.4	4	46	7	No	Slight	6	Yes	No	No	N
WeB	2.3	4	65	6	No	Moderate	5	No	No	No	N
CSA-020								•			
HoF	0.2	38	60	7	No	Severe	5	No	No	No	Ν
CSA-021								•			
At	<0.1	1.5	>80	4	No	Slight	5	No	No	Yes	SWI
HuB	4.2	6	>65	2	No	Moderate	6	No	No	No	Р
CSA-022									•		
HuB	0.1	6	>65	2	No	Moderate	6	No	Yes	No	Р
UnB	0.2	6	48	2	No	Moderate	5	Yes	Yes	No	Р
UpF	2.4	35	48	7	No	Severe	7	No	No	No	N
Hilltop Loop											
CY-004											
Bb	0.2	2	>80	1	No	Slight	3	No	No	No	SWI
Lr	11.6	2	90	1	No	Slight	5	No	No	No	Р

 Table 7A-2

 Soil Characteristics and Affected Acreage Associated with Contractor Yards and Contractor Staging Areas

CY-005 VeB 6.0 4 65 6 No Moderate 5 No No No CY-008 C C Slight 5 No No No No CPB 4.7 4 46 7 No Slight 6 No No No CpD 0.9 18 46 7 No Slight 6 No No No WeB 2.1 4 65 6 No Moderate 5 No No No CSA-014 WeB 1.3 4 65 6 No Moderate 5 No No No CPD 0.1 18 46 7 No Severe 6 Yes Ni No WeB 2.0 4 65 6 No Moderate 5 No No No CpD 0.1 18 46<	Map Unit Symbol ^a	Affected Acres ^b	Percent Slope ^c	Depth to Bedrock (inches) ^c	Land Capability Class ^d	High Compaction Potential ^e	Erosion Potential ^f	Wind Erodibility Group ^c	Poor Revegetation Potential ^g	Stony / Rocky Soils ^h	Hydric Soil ^b	Prime Farmland ⁱ
CY-008 7.4 4 50 7 No Slight 5 No No No CfB 4.7 4 46 7 No Slight 6 No No No CpB 4.7 4 46 7 No Slight 6 No No No CpD 0.9 18 46 7 No Severe 6 Yes No No WeB 2.1 4 65 6 No Moderate 5 No No No CSA-014 65 6 No Moderate 5 No No No CPD 0.1 18 46 7 No Severe 6 Yes N/A No WeB 2.0 4 65 6 No Moderate 5 No No No CpD 0.8 17 50	CY-005											
CfB 7.4 4 50 7 No Slight 5 No No No CpB 4.7 4 46 7 No Slight 6 No No No CpD 0.9 18 46 7 No Severe 6 Yes No No WeB 2.1 4 65 6 No Moderate 5 No No No WeB 1.3 4 65 6 No Moderate 5 No No No CpD 0.1 18 46 7 No Severe 6 Yes N/A No CpD 0.1 18 46 7 No Severe 6 Yes N/A No WeB 0.4 65 6 No Moderate 5 No No No CsA-016 7 No	WeB	6.0	4	65	6	No	Moderate	5	No	No	No	N
CpB 4.7 4 46 7 No Slight 6 No No No CpD 0.9 18 46 7 No Severe 6 Yes No No WeB 2.1 4 65 6 No Moderate 5 No No No WeB 1.3 4 65 6 No Moderate 5 No No No CSA-014 65 6 No Moderate 5 No No No Severe CpD 0.1 18 46 7 No Severe 6 Yes NA No Severe 6 Yes NA No No Severe 6 Yes No No No No Severe 6 Yes No No No No Severe 6 Yes No No Severe 6 Yes	CY-008									•		•
CpD 0.9 18 46 7 No Severe 6 Yes No No WeB 2.1 4 65 6 No Moderate 5 No No No No WeB 1.3 4 65 6 No Moderate 5 No No No No CSA-014 65 6 No Moderate 5 No No No No CSA-015 4 65 6 No Moderate 5 No No No No WeB 2.0 4 65 6 No Moderate 5 No No <td< td=""><td>CfB</td><td>7.4</td><td>4</td><td>50</td><td>7</td><td>No</td><td>Slight</td><td>5</td><td>No</td><td>No</td><td>No</td><td>N</td></td<>	CfB	7.4	4	50	7	No	Slight	5	No	No	No	N
WeB2.14656NoModerate5NoNoNoNoCSA-014WeB1.34656NoModerate5NoNoNoNoNoCSA-015CDD0.118467NoSevere6YesN/ANoNoNoWeB2.04656NoModerate5NoNoNoNoNoWeB2.04656NoModerate5NoNoNoNoNoNoWeB0.817507NoModerate5NoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNoNo	СрВ	4.7	4	46	7	No	Slight	6	No	No	No	N
CSA-014 WeB 1.3 4 65 6 No Moderate 5 No No No CSA-015 CSA-015 CSA-015 CSA-015 CSA-015 No 18 46 7 No Severe 6 Yes N/A No No WeB 2.0 4 65 6 No Moderate 5 No N	CpD	0.9	18	46	7	No	Severe	6	Yes	No	No	N
WeB 1.3 4 65 6 No Moderate 5 No No No CSA-015 18 46 7 No Severe 6 Yes N/A No No WeB 2.0 4 65 6 No Moderate 5 No No No No WeB 2.0 4 65 6 No Moderate 5 No No No No WeB 2.0 4 65 6 No Moderate 5 No No No No CSA-016 7 No Moderate 5 Yes Yes No	WeB	2.1	4	65	6	No	Moderate	5	No	No	No	N
CSA-015 CpD 0.1 18 46 7 No Severe 6 Yes N/A No WeB 2.0 4 65 6 No Moderate 5 No No No CSA-016 7 No Moderate 5 No	CSA-014								·			·
CpD 0.1 18 46 7 No Severe 6 Yes N/A No WeB 2.0 4 65 6 No Moderate 5 No No No CSA-016 HmD 0.8 17 50 7 No Moderate 5 Yes No No No WeB 0.4 4 65 6 No Moderate 5 Yes No No 10 WeB 0.4 4 65 6 No Moderate 5 No No No No CyD 1.2 18 46 7 No Severe 6 Yes No No Severe 5 No No No Severe 6 Yes No No Severe 5 No No No Severe 5 No No Severe 5 Yes No	WeB	1.3	4	65	6	No	Moderate	5	No	No	No	N
WeB2.04656NoModerate5NoNoNoCSA-016HmD0.817507NoModerate5YesYesNoNoWeB0.44656NoModerate5NoNoNoNoWeB0.44656NoModerate5NoNoNoNoCSA-017CpD1.218467NoSevere6YesNoNoNoBenton LoopCY-001LaB24.28>802NoModerate6YesYesNoCY-002KIC0.212194NoModerate6YesYesNoLaB2LkB12.96582NoModerate6NoNoNoNo	CSA-015								·			·
CSA-016 MmD 0.8 17 50 7 No Moderate 5 Yes Yes No WeB 0.4 4 65 6 No Moderate 5 No No No CSA-017 CpD 1.2 18 46 7 No Severe 6 Yes No No Benton Loop CY-001 LaB2 4.2 8 >80 2 No Moderate 6 Yes No No CY-001 KIC 0.2 12 19 4 No Moderate 6 Yes Yes No No KIC 0.2 12 19 4 No Moderate 6 Yes Yes No I KIR 12.9 6 58 2 No Moderate 6 No No No No	CpD	0.1	18	46	7	No	Severe	6	Yes	N/A	No	N
HmD 0.8 17 50 7 No Moderate 5 Yes Yes No WeB 0.4 4 65 6 No Moderate 5 No No No CSA-017 C 12 18 46 7 No Severe 6 Yes No No Severe 5 No No No Severe 5 Yes No Severe 5	WeB	2.0	4	65	6	No	Moderate	5	No	No	No	N
WeB 0.4 4 65 6 NoModerate 5 NoNoNoNoCSA-017CpD 1.2 18 46 7 NoSevere 6 YesNoNoNoBenton LoopCY-001LaB2 4.2 8 >80 2 NoModerate 6 YesYesNoCY-002KIC 0.2 12 19 4 NoModerate 6 YesYesNoLkB 12.9 6 58 2 NoModerate 6 NoNoNo	CSA-016								-			
CSA-017 CSA 1.2 18 46 7 No Severe 6 Yes No No Benton Loop CY-001 LaB2 4.2 8 >80 2 No Moderate 6 Yes Yes No KIC 0.2 12 19 4 No Moderate 6 Yes Yes No KIC 0.2 12 19 4 No Moderate 6 Yes Yes No LkB 12.9 6 58 2 No Moderate 6 No No	HmD	0.8	17	50	7	No	Moderate	5	Yes	Yes	No	N
CpD 1.2 18 46 7 No Severe 6 Yes No No Benton Loop CY-001 CY-001 CY-002 Ves Yes No No Moderate 6 Yes Yes No No LaB2 4.2 8 >80 2 No Moderate 6 Yes Yes No C KIC 0.2 12 19 4 No Moderate 6 Yes Yes No Image: No LkB 12.9 6 58 2 No Moderate 6 Yes No No	WeB	0.4	4	65	6	No	Moderate	5	No	No	No	N
Benton Loop CY-001 LaB2 4.2 8 >80 2 No Moderate 6 Yes No CY-002 KIC 0.2 12 19 4 No Moderate 6 Yes Yes No LkB 12.9 6 58 2 No Moderate 6 Yes Yes No	CSA-017											
CY-001 LaB2 4.2 8 >80 2 No Moderate 6 Yes Yes No CY-002 KIC 0.2 12 19 4 No Moderate 6 Yes Yes No LkB 12.9 6 58 2 No Moderate 6 No No No	CpD	1.2	18	46	7	No	Severe	6	Yes	No	No	N
LaB2 4.2 8 >80 2 No Moderate 6 Yes Yes No CY-002 KIC 0.2 12 19 4 No Moderate 6 Yes Yes No KIC 0.2 12 19 4 No Moderate 6 Yes Yes No LkB 12.9 6 58 2 No Moderate 6 No No No	Benton Loop)										
CY-002 KIC 0.2 12 19 4 No Moderate 6 Yes Yes No LkB 12.9 6 58 2 No Moderate 6 No No No No	CY-001											
KIC 0.2 12 19 4 No Moderate 6 Yes Yes No LkB 12.9 6 58 2 No Moderate 6 No No No	LaB2	4.2	8	>80	2	No	Moderate	6	Yes	Yes	No	Р
LkB 12.9 6 58 2 No Moderate 6 No No No	CY-002											
	KIC	0.2	12	19	4	No	Moderate	6	Yes	Yes	No	N
	LkB	12.9	6	58	2	No	Moderate	6	No	No	No	Р
LKC 2.0 12 58 3 NO MODEFATE 6 NO NO NO	LkC	2.0	12	58	3	No	Moderate	6	No	No	No	SWI

 Table 7A-2

 Soil Characteristics and Affected Acreage Associated with Contractor Yards and Contractor Staging Areas

Map Unit Symbolª	Affected Acres ^b	Percent Slope ^c	Depth to Bedrock (inches) ^c	Land Capability Class ^d	High Compaction Potential ^e	Erosion Potential ^f	Wind Erodibility Group ^c	Poor Revegetation Potential ^g	Stony / Rocky Soils ^h	Hydric Soil ^ь	Prime Farmland ⁱ
CSA-008			(menes)	01033	1 otentiai		Croup	1 otontidi*	00113		
LkB	0.3	6	58	2	No	Moderate	6	No	No	No	Р
LkC	0.2	12	58	3	No	Moderate	6	Yes	No	No	SWI
CY-009											
LkB	9.5	6	58	2	No	Moderate	6	No	No	No	Р
LkC	6.8	12	58	3	No	Moderate	6	No	No	No	SWI
LkD	2.0	20	58	4	No	Severe	6	No	No	No	N
CY-010		•	•	L			•				•
LkB	1.8	6	58	2	No	Moderate	6	No	No	No	Р
LkC	0.1	12	58	3	No	Moderate	6	No	No	No	SWI
CSA-011								·			
LkB	0.2	6	58	2	No	Moderate	6	No	N/A	No	Р
CSA-012								·			
LkB	0.8	6	58	2	No	Moderate	6	No	No	No	Р
LkC	0.3	12	58	3	No	Moderate	6	No	No	No	SWI
CSA-013											
KIB	3.2	6	19	3	No	Moderate	6	No	Yes	No	SWI
KIC	2.5	12	19	4	No	Moderate	6	No	Yes	No	N
KID	1.7	20	19	6	No	Severe	6	Yes	Yes	No	N

 Table 7A-2

 Soil Characteristics and Affected Acreage Associated with Contractor Yards and Contractor Staging Areas

Table 7A-2

Soil Characteristics and Affected Acreage Associated with Contractor Yards and Contractor Staging Areas

	ap Unit ymbol ^a	Affected Acres ^b	Percent Slope ^c	Depth to Bedrock (inches) ^c	Land Capability Class ^d	High Compaction Potential ^e	Erosion Potential ^f	Wind Erodibility Group ^c	Poor Revegetation Potential ^g	Stony / Rocky Soils ^h	Hydric Soil ^b	Prime Farmland ⁱ
Not	es:								•			
а	Map unit na	ames and deso	criptions are	located in Ap	pendix 7B.							
b	Area in acre	es within cons	truction worl	kspace, in aci	res. All effects	are temporary. If	less than 0.1 acres	then shown on	table as <0.01.			
с					and USDA NR Survey (>65, >		vey. Where no bedr	ock depth is id	entified, bedrock d	lepth is as	sumed to be	greater than the
d	As identifie	d in USDA NR	CS SSURG	O database.	Land capability	/ classes are defir	ned as follows:					
	Class 1 – s	oils with mode	erate limitatio	ons that restri	ct their use							
	Class 2 – s	oils with mode	erate limitatio	ons that reduc	e the choice of	plants or that req	uire moderate cons	ervation practio	es			
	Class 3 – s	oils with sever	e limitations	that reduce t	he choice of pl	ants or that requir	e moderate conserv	ation practices	, or both			
	Class 4 – s	oils with very	severe limita	tions that red	uce the choice	of plants or that r	equire very careful r	nanagement				
	Class 5 – s	oils that are no	ot likely to er	rode but have	other limitation	ns that limit their u	se, impractical to re	move				
	Class 6 – s	oils that have	severe limita	ations that ma	ke them gener	ally unsuitable for	cultivation					
	Class 7 – s	oils that have	very severe	limitations that	at make them ι	insuitable for culti	vation					
e	•				•	those more than Veb Soil Survey.	18 percent clay in	the surface ho	orizon with somew	hat poorly	or wetter dra	ainage class, as
f	Erosion Pot database.	tential: NRCS	rating for the	e relative haza	ard of erosion o	f soil by water that	may result from con	struction of fore	est roads and trails	, as identifi	ed in USDA N	NRCS SSURGO
g		,		1 0			greater than 15 perc SDA NRCS Web So	•	ave a low available	e water sto	orage (less th	an 2.5 inches of
h	,	,	0		0 0		are those with 15 pe surface, as identified		, , ,			, ,
I	Prime Farm	land Soils: Y	= yes; N = n	o; SWI = stat	ewide importar	ce. As identified	in USDA NRCS SSI	JRGO databas	e.			-
Key	:		•		·							
-		ormation Not	Available									

	Soil Char	acteristics	And Affe		je Associate	1	-	1	d Existing Com	-	stations	
Map Unit Symbol ^a	Temp. Effect Acres ^b	Perm. Effect Acres ^c	Percent Slope ^d	Depth To Bedrock (inches) ^d	Land Capability Class ^e	High Compaction Potential ^f	Erosion Potential ^g	Wind Erodibility Group ^d	Poor Revegetation Potential ^h	Stony / Rocky Soils ⁱ	Hydric Soil ^d	Prime Farmland
Compressor S	Station 607											
LaB	12.0	9.5	6	>70	2	No	Moderate	6	No	Yes	No	Р
LaC	1.8	1.6	12	>70	3	No	Moderate	6	No	Yes	No	SWI
LcB	0.4	0.2	6	>70	7	No	Moderate	6	No	Yes	No	N
LcD	<0.1	0.0	17	>70	7	Yes	Severe	6	Yes	Yes	No	N
MoB	0.3	0.0	4	>70	3	No	Moderate	6	No	Yes	No	SWI
WIB	3.5	1.0	6	>70	2	No	Moderate	6	No	Yes	No	Р
Compressor S	Station 610								·	<u> </u>		
AeB2	0.9	0.0	8	>80	2	No	Moderate	5	No	No	No	Р
HhB2	30.6	0.0	8	30	2	No	Moderate	6	No	Yes	No	SWI
HhC3	0.3	0.0	16	30	4	No	Severe	6	Yes	Yes	No	N
WbB2	1.2	0.0	6	>80	2	No	Moderate	5	No	No	No	Р
WcC2	0.7	0.0	16	15	4	N/A	Severe	7	Yes	N/A	No	N
Compressor	Station 620								·	<u> </u>		
Ba	0.3	0.0	2	>70	2	No	Slight	5	No	Yes	No	A
BxB	0.4	0.0	6	>70	7	No	Moderate	6	No	Yes	No	N
CaB	7.0	4.5	6	30	2	No	Moderate	5	No	Yes	No	SWI
CaC	4.9	2.7	12	30	3	No	Moderate	6	No	Yes	No	SWI
LeB	22.6	15.5	6	58	2	No	Moderate	6	No	No	No	A
LeC	5.8	1.5	12	58	3	No	Moderate	6	No	No	No	SWI
MeB	0.7	0.0	6	98	2	No	Moderate	5	No	No	No	A
WKF	3.6	0.0	50	15	7	No	Severe	7	Yes	Yes	No	N
/alve Setting	and Pig La	uncher/Re	ceiver at N	IP 116.95 (E	Benton Loop)				·		
LkB	<0.1	<0.1	6	58	2	No	Moderate	6	No	No	No	А

 Table 7A-3

 Soil Characteristics And Affected Acreage Associated with New Aboveground Facilities and Existing Compressor Stations

Table 7A-3

Soil Characteristics And Affected Acreage Associated with New Aboveground Facilities and Existing Compressor Stations

Map Unit Symbol ^a	Temp. Effect Acres ^b	Perm. Effect Acres ^c	Percent Slope ^d	Depth To Bedrock (inches) ^d	Land Capability Class ^e	High Compaction Potential ^f	Erosion Potential ^g	Wind Erodibility Group ^d	Poor Revegetation Potential ^h	Stony / Rocky Soils ⁱ	Hydric Soil ^d	Prime Farmland ^j
LkC	0.3	0.3	12	58	3	No	Moderate	6	No	No	No	SWI
/alve Setting	and Pig La	uncher/Red	ceiver at N	IP 188.15 (H	lensel Repla	cement)	•					
HmD	0.7	0.7	17	50	7	No	Moderate	5	No	No	No	N
 Area in acrea Area within As identified depth noted As identified Class 1 – se Class 2 – se Class 3 – se Class 5 – se Class 5 – se Class 7 – se Compaction USDA NRC Erosion Pol database. Poor Reveg per 40 inches 	I in the USDA d in USDA NF bils with mode bils with mode bils with seven bils with very bils that have n Potentials: S S SSURGO of tential: NRCS getation Potentias of s of soil, as i y Soils: Soils	truction work acility bounda RCS SSURG NRCS Web RCS SSURG arate limitation re limitations severe limitations severe limitations severe limitations tikely to er severe limitations act likely to er severe limitations at likely to er severe limitations at likely to er severe limitations at likely to er severe limitations tikely to er severe limitations tikely to er severe limitations tikely to er severe limitations at likely to er severe limitations tikely to er severe li to e	Aspace, in active ory, in acres. O database Soil Survey O database ons that restrons that reduce that reduce tions that reduce tions that reduce toons that reduce that reduce	and USDA NF (>65, >70, >8 Land capab rict their use the choice of duce the choice the choice of duce the choice other limitat ake them gen that make them n potential are CS Web Soil S azard of erosic getation potent SSURGO da boducing large	30). ility classes are plants or that plants or that r ce of plants or that ions that limit the really unsuitable n unsuitable for the those more the Survey. on of soil by wa natial are those watabase and US rocks into the	e defined as follow at require moderate equire moderate of that require very of neir use, impraction le for cultivation cultivation an 18 percent cla ater that may resu- with greater than SDA NRCS Web S topsoil are those	s: te conservation conservation p areful manag al to remove y in the surfact lt from constr 15 percent slo coil Survey. with 15 percer	on practices practices, or bo ement se horizon with ruction of forest opes or have a l ent or more pe	somewhat poorly o roads and trails, a ow available wate rcent by weight of	or wetter di as identifie r storage (i f the surfac	rainage class d in USDA N ess than 2.5 ce horizon of	, as identified IRCS SSURG inches of wat
Prime Farm Key:						of the surface, as iffied in USDA NR			SURGO database a	and USDA	NRCS Web	Soil Survey.
Temp. = Te	mporary											