

Table 4.6: Impacted Features

Route and Alternative	Figure	Allotment	Impacted Features																
			Allotments	Land Base Property	Water Base Property (within 4 Miles)	Water Base Property (within 1 Mile)	Water Base Property (Pipelines)	Existing Fence	Capital Improvements	Stockwaters within 4 Miles	Stockwaters within 1 Mile	Creeks	Pipelines	Roads	Trails	Other	Construction Right-of-Way (acres)	Length of Line (miles)	
Department of Energy Caliente Alternative Segment	None	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Department of Energy Eccles Alternative Segment	4.13	1. Clover Creek	1	0	0	0	0	1	0	8	1	0	0	1	0	0	0	96	0.79
		2. Little Mountain	1	0	0	0	0	0	0	1	1	0	0	0	1	0	421	3.47	
		3. Peck	1	0	0	0	0	2	0	0	0	0	0	1	1	2	642	5.30	
		Total	3	0	0	0	0	3	0	9	2	0	0	2	2	2	1,159	9.56	
Department of Energy Common Segment 1A	4.14	4. Comet	1	0	0	0	0	2	0	2	2	0	0	0	0	0	291	2.40	
		5. Bennett Spring	1	1	0	0	0	1	0	1	1	0	1	3	0	0	1,245	10.27	
		6. Black Canyon	1	0	2	0	0	0	0	2	0	0	0	0	0	0	415	3.42	
		Total	3	1	2	0	0	3	0	5	3	0	1	3	0	0	1,950	16.09	
Department of Energy Common Segment 1B	4.16	7. Ely Springs	1	0	11	7	5	3	0	12	7	3	5	3	3	0	1,389	11.46	
		8. Rattlesnake	1	0	2	2	0	1	0	2	2	0	0	1	0	0	119	0.98	
		9. Thorley Use Area	1	0	10	6	1	1	1	10	6	0	1	3	0	0	805	6.64	
		10. Deadman Use Area	1	0	0	0	0	1	0	5	4	0	0	1	3	0	1,027	8.47	
		11. Timber Mountain	1	0	0	0	0	2	0	2	1	0	0	2	1	0	787	6.49	
		12. Sunnyside	1	0	0	0	0	0	0	5	1	0	0	1	3	0	1,321	10.90	
		Total	6	0	23	15	6	8	1	36	21	3	6	11	10	0	5,447	44.94	
Department of Energy Garden Valley Alternative Segment 3	4.17	13. Needles	1	0	8	3	1	0	0	11	3	0	1	3	8	1	1,632	13.46	
		15. Batterman Wash	1	0	0	0	0	1	0	5	4	3	0	2	2	5	1,142	9.42	
		16. Pine Creek	1	0	0	0	0	2	0	5	2	1	1	1	1	0	349	2.88	
		17. Cottonwood	1	0	4	1	1	2	0	12	4	0	1	1	3	0	497	4.10	
		Total	4	0	12	4	2	5	0	33	13	4	3	7	14	6	3,619	29.86	
Department of Energy Garden Valley Alternative Segment 1 (Preferred Alternative)	4.17	13. Needles	1	0	8	2	1	0	0	11	3	0	1	3	8	1	1,632	13.46	
		15. Batterman Wash	1	0	0	0	0	1	0	3	4	3	0	1	1	5	657	5.42	
		16. Pine Creek	1	0	0	0	0	2	0	7	2	3	1	1	1	0	570	4.70	
		17. Cottonwood	1	0	3	1	1	2	0	13	4	0	1	2	1	0	536	4.42	
		Total	4	0	11	3	2	5	0	34	13	6	3	7	11	6	3,394	28.00	
Department of Energy Garden Valley Alternative Segment 2	4.17	13. Needles	1	0	8	3	1	1	0	10	4	0	1	2	10	1	1,612	13.30	
		15. Batterman Wash	1	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0.00	
		14. Coal Valley Lake	1	0	0	0	0	2	0	0	0	1	0	1	1	0	95	0.78	
		16. Pine Creek	1	0	0	0	0	2	0	7	2	3	1	3	3	0	1,161	9.58	
		17. Cottonwood	1	0	3	0	1	2	0	13	2	0	1	1	3	0	623	5.14	
		Total	5	0	11	3	2	7	0	30	8	4	3	7	17	7	3,491	28.80	
Department of Energy Garden Valley Alternative Segment 8	4.17	13. Needles	1	0	8	3	1	1	0	10	4	0	1	2	10	1	1,612	13.30	
		15. Batterman Wash	1	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0.00	
		14. Coal Valley Lake	1	0	0	0	0	2	0	0	0	1	0	1	0	0	95	0.78	
		16. Pine Creek	1	0	0	0	0	1	0	7	3	1	0	1	2	0	1,270	10.48	
		17. Cottonwood	1	0	3	0	1	2	0	13	2	0	1	1	3	0	623	5.14	
		Total	5	0	11	3	2	6	0	30	9	2	2	5	15	7	3,600	29.70	
Department of Energy Common Segment 2	4.18	18. McCutcheon Springs	1	0	0	0	0	1	0	3	2	0	0	0	3	0	784	6.47	
		19. Sand Springs	1	0	23	9	4	2	0	23	9	0	4	1	3	0	1,622	13.38	
		Total	2	0	23	9	4	3	0	26	11	0	4	1	6	0	2,406	19.85	
Lincoln County Cottontail Pass Alternative	4.20	13. Needles	1	0	8	3	1	1	0	10	4	0	1	2	10	0	1,656	13.66	
		15. Batterman Wash	1	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0.00	
		14. Coal Valley Lake	1	0	0	0	0	1	0	3	0	3	0	3	1	0	697	5.75	
		16. Pine Creek	1	0	0	0	0	1	0	0	0	0	0	1	0	0	182	2.43	
		17. Cottonwood	1	0	3	1	1	3	0	14	3	0	1	2	4	0	1,138	10.89	
		Total	5	0	11	4	2	6	0	27	7	3	2	8	15	5	3,673	32.73	
Lincoln County Short Route	4.22	20. Ely Springs	1	0	13	6	2	2	0	13	6	0	2	3	1	0	865	7.14	
		21. Cliff Springs	1	0	9	2	1	1	0	9	2	0	1	2	0	0	925	7.63	
		22. Oak Springs	1	0	4	0	1	1	0	4	0	0	1	3	0	0	973	8.03	
		23. Pahroc	1	0	2	0	1	1	0	2	0	0	1	2	0	0	1,128	9.31	
		24. South Hiko - Six Mile	1	0	0	0	0	3	0	4	3	0	0	5	2	0	1,321	10.90	
		25. Irish Mountain	1	0	0	0	0	0	0	0	0	0	0	0	0	0	318	2.62	
		26. Wildhorse	1	0	0	0	0	0	0	0	0	0	0	1	0	0	91	0.75	
		27. Crystal Springs	1	0	0	0	0	2	0	0	1	0	0	1	0	0	496	4.09	
		28. Pahranaagat West	1	0	0	0	0	0	0	3	0	0	0	1	0	0	218	1.80	
		29. Pine Cone	1	0	0	0	0	0	0	1	0	0	0	1	0	0	639	5.27	
		30. Bald Mountain	1	0	4	0	0	0	0	9	4	0	0	5	0	0	2,228	18.38	
Total	11	0	32	8	5	10	0	45	16	0	5	24	3	0	9,202	75.92			

Table 4.14: Mitigation Summary

Route and Alternative	Figure	Allotment	Mitigation Summary																					
			Fence Construction	Fence Removal	Gates	Railroad Cattleguards	Roadway Cattleguards	Grazing Management Plan	Corral Relocation	Chute Relocation	Wells	Troughs	Springs	Creek Crossings	Unspecified Stockwaters	Pipeline Crossings	Pipeline Construction	Road Crossings	Trail Crossings	Road / Trail Realignment	Sheep Crossings	Cattle Crossings	Underpasses	Other
Department of Energy Caliente Alternative Segment	None	None	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Department of Energy Eccles Alternative Segment	4.23	1. Clover Creek	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
		2. Little Mountain	0	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
		3. Peck	10.6	2.25	9	2	8	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
		Total	10.6	2.25	13	4	10	3	0	0	0	0	0	0	0	0	0	3	1	0	0	4	2	
Department of Energy Common Segment 1A	4.24	4. Comet	6.25	0	0	2	2	1	0	0	1	1	0	0	2	0	0	0	1	0	0	3	0	
		5. Bennett Spring	0	0	0	1	1	1	0	0	0	2	0	0	1	1	2.5	3	0	0	14	0	0	
		6. Black Canyon	0	0	2	1	1	1	0	0	0	1	0	0	1	0	0	2	0	0	3	0	0	
		Total	6.25	0	2	4	4	3	0	0	1	4	0	0	4	1	2.5	5	1	0	17	3	0	
Department of Energy Common Segment 1B	4.25	7. Ely Springs	0	0	3	3	3	1	0	0	0	3	0	3	0	5	1.5	3	3	2.5	0	5	0	
		8. Rattlesnake	2	0	1	1	2	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	
		9. Thorley Use Area	0	0	1	1	1	1	1	0	0	4	4	0	0	1	12.5	3	0	0	0	8	0	
		10. Deadman Use Area	17	0	21	1	15	1	0	0	0	0	0	0	3	0	1.5	3	1	0	0	0	6	
		11. Timber Mountain	13	0	16	2	14	1	0	0	1	1	0	0	0	0	0	2	1	0	0	0	4	
		12. Sunnyside	0	0	0	0	0	1	0	0	1	0	0	0	5	0	0	1	3	0	0	19	0	
		Total	32	0	42	8	35	6	2	1	2	8	4	3	8	6	15.5	13	8	2.5	0	32	10	
		Department of Energy Garden Valley Alternative Segment 3	4.26	13. Needles	0	0	0	0	0	1	0	0	1	3	0	0	3	1	0.5	3	8	7	9	0
15. Batterman Wash	0			0	1	1	1	1	0	0	0	0	0	3	1	0	0	2	2	0	3	0		
16. Pine Creek	5.8			0	8	4	3	3	1	0	0	2	0	1	0	1	0.75	1	1	0	0	3	0	
17. Cottonwood	0			0	2	2	2	1	0	0	0	2	0	0	2	1	0.5	1	3	0	0	2	0	
Total	5.8			0	11	7	6	4	0	0	1	7	0	4	6	3	1.75	7	14	7	12	5		
Department of Energy Garden Valley Alternative Segment 1 (Preferred Alternative)	4.26	13. Needles	0	0	0	0	0	1	0	0	1	3	0	0	3	1	0.5	3	8	7	9	0		
		15. Batterman Wash	0	0	1	1	1	1	0	0	0	0	0	3	1	0	0	1	2	0	6	0		
		16. Pine Creek	9.4	0	11	2	1	1	0	0	0	1	0	2	1	1	0	1	2	0	1	5	0	
		17. Cottonwood	0	0	6	2	2	1	0	0	0	2	0	0	2	1	0.5	2	2	0	0	2	0	
		Total	9.4	0	18	5	4	4	0	0	1	6	0	5	7	3	1	7	12	8	15	7		
Department of Energy Garden Valley Alternative Segment 2	4.26	13. Needles	0	0	1	1	1	1	0	0	1	3	0	0	4	1	0.5	2	10	9.5	9	0		
		15. Batterman Wash	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		14. Coal Valley Lake	1.6	0	4	0	2	1	0	0	0	0	0	1	0	0	0	1	1	0	1	0		
		16. Pine Creek	19.2	0	27	21	0	1	0	0	0	6	0	3	1	2	7.3	3	3	0	0	0		
		17. Cottonwood	0	0	8	1	1	1	0	0	0	2	0	0	2	1	0.5	1	3	0	0	2		
Total	20.8	0	40	23	4	5	0	0	1	11	0	4	7	4	8.3	7	17	9.5	10	2				
Department of Energy Garden Valley Alternative Segment 8	4.26	13. Needles	0	0	1	1	1	1	0	0	1	3	0	0	4	1	0.5	2	10	9.5	9	0		
		15. Batterman Wash	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		14. Coal Valley Lake	1.6	0	4	0	2	1	0	0	0	0	0	1	0	0	0	1	1	0	1	0		
		16. Pine Creek	21	0	20	18	2	1	0	0	0	1	0	1	0	1	1	0	0	0	0	0		
		17. Cottonwood	0	0	2	2	2	1	0	0	0	2	0	0	2	1	0.5	1	3	0	0	2		
Total	22.6	0	25	19	5	5	0	0	1	4	0	2	4	1	1.5	4	11	9.5	10	0				
Department of Energy Common Segment 2	4.27	18. McCutcheon Springs	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	3	0	0	3		
		19. Sand Springs	0	0	2	2	2	1	0	0	0	9	0	0	1	4	8	1	2	1	0	14		
		Total	0	0	3	3	3	2	0	0	1	10	0	0	1	4	8	1	5	1	0			
Lincoln County Cottontail Pass Alternative	4.28	13. Needles	0	0	1	1	1	1	0	0	1	3	0	0	4	1	0.5	2	10	9	5	0		
		15. Batterman Wash	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		14. Coal Valley Lake	0	0	16	1	7	1	0	0	0	1	0	3	0	1	5	0	0	0	0	3		
		16. Pine Creek	8.5	4	8	16	2	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0		
		17. Cottonwood	0	0	2	2	2	1	0	0	0	2	0	0	1	1	0.5	0	0	0	0	3		
Total	8.5	4	27	20	12	5	0	0	1	6	0	3	5	3	6	3	10	9	5					
Lincoln County Short Route	4.29	20. Ely Springs	16	2.25	7	1	5	1	0	0	0	3	0	0	3	5	2	1	3.5	0	0	2		
		21. Cliff Springs	0	0	1	1	1	1	0	0	0	4	0	0	0	1	5	2	0	0	0	3		
		22. Oak Springs	0	0	4	1	4	1	0	0	0	0	0	0	0	1	0	3	0	0	0	0		
		23. Pahroc	0	0	3	1	3	1	0	0	0	0	0	0	0	1	0	2	0	0	0	1		
		24. South Hiko - Six Mile	21.6	0.75	2	2	4	1	0	0	0	3	0	0	0	1	1.25	0	0	3	0	5		
		25. Irish Mountain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		26. Wildhorse	1.5	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		27. Crystal Springs	8.2	1.4	2	1	2	1	0	0	0	1	0	0	0	0	0.25	1	0	0	0	3		
		28. Pahrnagat West	3.6	0	2	2	0	1	0	0	0	0	0	0	0	0	2	1	0	0	0	1		
		29. Pine Cone	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0		
		30. Bald Mountain	0	0	0	0	0	1	0	0	0	3	0	0	4	0	0	5	0	0	0	0		
Total	50.9	4.4	21	9	19	11	0	0	0	14	0	0	4	7	13.5	17	1	6.5	0	0				