

APPENDIX S. WILDLIFE IMPACTS BY RFD AREA

Table S.1. Alternative A -- Estimated Surface Disturbance (in acres) for Oil and Gas Well Development, by Vegetation (Wildlife Habitat) Type

RFD Areas	Total Acres of Disturbance	Conifer and Mountain Shrub	Desert Scrub	Invasive Species / Weeds	Pinyon-Juniper	Sagebrush/ Perennial Grassland
Book Cliffs	1563	265	190	26	954	123
Greater Cisco	2941	8	2347	110	360	65
Roan Cliffs	30	7	0	0	21	1
Salt Wash	189	0	158	1	26	0
Big Flat - Hatch Point	697	0	228	2	373	76
Lisbon Valley	840	6	31	5	531	250
Eastern Paradox	512	3	234	5	234	27
Entire MPA	6772	267	2829	150	2801	488

Note that the acreages do not add up to the "Total Acres of Disturbance" in any category. Recall that Agricultural, Disturbed, Developed, Riparian/Wetlands, and Water categories were removed from this analysis; they represent a small percentage of the total lands that are not relevant to this analysis.

Note also that values for most vegetation types under the three RFD areas do not add up to the total value listed under "Entire MPA" – this is due to rounding errors during calculations.

Table S.2. Alternative B -- Estimated Surface Disturbance (in acres) for Oil and Gas Well Development, by Vegetation (Wildlife Habitat) Type

RFD Areas	Total Acres of Disturbance	Conifer and Mountain Shrub	Desert Scrub	Invasive Species / Weeds	Pinyon-Juniper	Sagebrush/ Perennial Grassland
Book Cliffs	995	169	121	16	607	78
Greater Cisco	1373	4	1096	51	168	30
Roan Cliffs	11	3	0	0	8	0
Salt Wash	159	0	133	1	22	0
Big Flat - Hatch Point	292	0	96	1	156	32
Lisbon Valley	813	6	30	5	513	242
Eastern Paradox	320	2	146	3	146	17
Entire MPA	3963	157	1656	47	1639	285

Note that the acreages do not add up to the "Total Acres of Disturbance" in any category. Recall that Agricultural, Disturbed, Developed, Riparian/Wetlands, and Water categories were removed from this analysis; they represent a small percentage of the total lands that are not relevant to this analysis.

Note also that values for most vegetation types under the seven RFD areas do not add up to the total value listed under "Entire MPA" – this is due to rounding errors during calculations.

Table S.3. Alternative C -- Estimated Surface Disturbance (in acres) for Oil and Gas Well Development, by Vegetation (Wildlife Habitat) Type

RFD Areas	Total Acres of Disturbance	Conifer and Mountain Shrub	Desert Scrub	Invasive Species / Weeds	Pinyon-Juniper	Sagebrush/ Perennial Grassland
Book Cliffs	1556	264	189	26	950	122
Greater Cisco	2962	8	2364	110	362	65
Roan Cliffs	27	6	0	0	19	1
Salt Wash	171	0	143	1	24	0
Big Flat - Hatch Point	508	0	166	2	272	58
Lisbon Valley	836	6	30	5	528	249
Eastern Paradox	423	3	193	4	193	2
Entire MPA	6483	256	2708	76	2682	467

Note that the acreages do not add up to the "Total Acres of Disturbance" in any category. Recall that Agricultural, Disturbed, Developed, Riparian/Wetlands, and Water categories were removed from this analysis; they represent a small percentage of the total lands that are not relevant to this analysis.

Note also that values for most vegetation types under the seven RFD areas do not add up to the total value listed under "Entire MPA" – this is due to rounding errors during calculations.

Table S.4. Alternative D -- Estimated Surface Disturbance (in acres) for Oil and Gas Well Development, by Vegetation (Wildlife Habitat) Type

RFD Areas	Total Acres of Disturbance	Conifer and Mountain Shrub	Desert Scrub	Invasive Species / Weeds	Pinyon-Juniper	Sagebrush/ Perennial Grassland
Book Cliffs	1575	267	192	26	961	124
Greater Cisco	2962	8	2364	110	362	65
Roan Cliffs	29	7	0	0	21	1
Salt Wash	186	0	155	1	26	0
Big Flat - Hatch Point	665	0	218	2	356	72
Lisbon Valley	836	76	267	9	403	74
Eastern Paradox	486	3	222	5	222	26
Entire MPA	6739	266	2815	79	2788	485

Table S.5. Alternative A – Acreage of Each Vegetation Cover Type, by Salable Minerals Category

Vegetation Type	Standard Stipulations	Timing and/or Controlled Surface Use	No Surface Occupancy	Closed to Leasing
Total Acres*	1,467,768	0	0	353,606
Conifer/ Mountain shrub	57,974	0	0	13,967
Desert shrub (saltbush, blackbrush)	613,154	0	0	147,717
Pinyon-juniper	607,166	0	0	146,275
Riparian	17,235	0	0	4,152
Sagebrush and grassland	105,679	0	0	25,460

* Note that the acreages do not add up to the “Total Acres” in any category. Recall that Agricultural, Disturbed, Developed, Riparian/Wetlands, and Water categories were removed from this analysis; they represent a small percentage of the total lands that are not relevant to this analysis.

Table S.6. Alternative B – Acreage of Each Vegetation Cover Type, by Salable Minerals Category

Vegetation Type	Standard Stipulations	Timing and/or Controlled Surface Use	No Surface Occupancy	Closed to Leasing
Total Acres*	355,750	468,130	598,390	399,104
Conifer/ Mountain shrub	14,051	18,490	23,635	15,764
Desert shrub	148,613	195,559	249,975	166,724
Pinyon-juniper	147,162	193,650	247,534	165,096
Riparian	4,177	5,497	7,026	4,686
Sagebrush and grassland	25,614	33,705	43,084	28,735

* Note that the acreages do not add up to the “Total Acres” in any category. Recall that Agricultural, Disturbed, Developed, Riparian/Wetlands, and Water categories were removed from this analysis; they represent a small percentage of the total lands that are not relevant to this analysis.

Table S.7. Alternative C – Acreage of Each Vegetation Cover Type, by Salable Minerals Category

Vegetation Type	Standard Stipulations	Timing and/or Controlled Surface Use	No Surface Occupancy	Closed to Leasing
Total Acres*	549,226	672,909	220,423	378,816
Conifer/ Mountain shrub	21,693	26,579	8,706	14,963
Desert shrub	229,437	281,105	92,081	158,249
Pinyon-juniper	227,196	278,360	91,182	156,703
Riparian	6,449	7,901	2,588	4,448
Sagebrush and grassland	39,544	48,449	15,870	27,275

* Note that the acreages do not add up to the "Total Acres" in any category. Recall that Agricultural, Disturbed, Developed, Riparian/Wetlands, and Water categories were removed from this analysis; they represent a small percentage of the total lands that are not relevant to this analysis.

Table S.8. Alternative D – Acreage of Each Vegetation Cover Type, by Salable Minerals Category

Vegetation Type	Standard Stipulations	Timing and/or Controlled Surface Use	No Surface Occupancy	Closed to Leasing
Total Acres*	962,733	393,469	111,662	353,510
Conifer/ Mountain shrub	38,026	15,541	4,410	13,963
Desert shrub	402,178	164,370	46,646	147,677
Pinyon-juniper	398,250	162,765	46,191	146,235
Riparian	11,305	4,620	1,311	4,151
Sagebrush and grassland	69,317	28,330	8,040	25,453

* Note that the acreages do not add up to the "Total Acres" in any category. Recall that Agricultural, Disturbed, Developed, Riparian/Wetlands, and Water categories were removed from this analysis; they represent a small percentage of the total lands that are not relevant to this analysis.