

INTRODUCTION	4
BACKGROUND.....	7
STANDARD 1 – WATERSHED HEALTH.....	10
Great Divide Basin (without Upper/Lower Separation Creek, Boggy Meadows)....	10
1) Characterization:.....	10
2) Issues and Key Questions:.....	11
3) Current Conditions:	12
4) Reference Conditions:	13
5) Synthesis and Interpretation:	13
6) Recommendations:	14
Upper/Lower Separation Creek/Boggy Meadows in the Great Divide Basin.....	15
1)Characterization:.....	15
2) Issues and Key Questions:.....	16
3) Current Conditions:	17
4) Reference Conditions:	17
5) Synthesis and Interpretation:	17
6) Recommendations:	18
Sweetwater River in the North Platte River Basin	19
1) Characterization:.....	19
2) Issues and Key Questions:.....	20
3) Current Conditions:	20
4) Reference Conditions:	21
5) Synthesis and Interpretation:	21
6) Recommendations:	23
North Platte River Basin other than Sweetwater River	23
1) Characterization:.....	23
2) Issues and Key Questions:.....	24
3) Current Conditions:	25
4) Reference Conditions:	26
5) Synthesis and Interpretation:	26
6) Recommendations:	27
STANDARD 2-RIPARIAN/WETLAND HEALTH	28
1) Characterization:.....	28
2) Issues and Key Questions:.....	30
3) Current Conditions	31
4) Reference Conditions:	36
5) Synthesis and Interpretation:	37
6) Recommendations:	40

STANDARD 3 – UPLAND VEGETATION HEALTH	42
1) Characterization:.....	42
2) Issues and Key Questions:.....	44
3) Current Conditions:	47
4) Reference Conditions:	49
5) Synthesis and Interpretation:.....	49
6) Recommendations:	56
STANDARD 4 – WILDLIFE/THREATENED AND ENDANGERED SPECIES/FISHERIES HABITAT HEALTH AND WEEDS	59
Wildlife/Threatened and Endangered Species	59
1) Characterization.....	59
2) Issues and Key Questions	67
3) Current Conditions:	76
4) Reference Conditions:	81
5) Synthesis and Interpretation:.....	82
6) Recommendations:	90
Fisheries	94
1) Characterization.....	94
2) Issues and Key Questions	96
3) Current Conditions	100
4) Reference Conditions	101
5) Synthesis and Interpretation	101
6) Recommendations	101
Weeds	103
1) Characterization:.....	103
2) Issues and Key Questions:.....	103
3) Current Conditions:	104
4) Reference Conditions:	106
5) Syntheses and Interpretation:.....	107
6) Recommendations:	107
STANDARD 5 – WATER QUALITY	108
1) Characterization:.....	108
2) Issues and Key Questions:.....	108
3) Current Conditions:	109
4) Reference Conditions:	110
5) Synthesis and Interpretation:.....	111
6) Recommendations:	112
STANDARD 6- AIR QUALITY.....	114
1) Characterization:.....	114
2) Issues and Key Questions:.....	114

3) Current Conditions:	114
4) Reference Conditions:	115
5) Synthesis and Interpretation:	116
6) Recommendations:	116
SUMMARY	117
Standard 1 – Watershed Health.....	117
Standard 2 – Riparian/Wetland Health	117
Standard 3 – Upland Vegetation Health	117
Standard 4 – Wildlife/Threatened and Endangered Species/Fisheries Habitat Health, Weeds.....	118
Standard 5 – Water Quality.....	119
Standard 6 – Air Quality	119
Allotments described in this report that do not meet Standards due to Livestock Grazing:.....	119
Standards not being met due to causes other than livestock grazing:.....	119
Allotments within the Great Divide Basin/Ferris and Seminoe Mountains Standards and Guidelines assessment area that do meet the six Rangeland Standards:.....	120
REFERENCES	121