

## **Appendix C**

### **Watershed Summary Tables**

**Sage Steppe Ecosystem Restoration Strategy - Watershed Analysis for Alternative A**

Watershed Name	Watershed Basin	Watershed Area (acres)	Existing Condition	Short-term disturbances	term ground cover	Erosion	Stream function	Totals
Smoke Creek Desert	Black Rock Desert	72,239	Poor	1	5	1	4	7
Massacre Lake	Black Rock Desert	522,906	Good	1	3	1	1	2
Warner Lakes	Oregon Closed Basins	113,556	Good	1	4	1	1	3
Guano	Oregon Closed Basins	40,241	Good	1	3	0	1	3
Lost Butte	Klamath	1,092,959	Poor	1	5	1	4	7
Upper Klamath	Klamath	354,904	Poor	1	2	1	2	2
Shasta	Klamath	10,706	Poor	1	2	1	0	0
Goose Lake	Klamath	1,537	Poor	0	0	0	0	0
Upper Pit	Upper Sacramento	232,692	Poor	1	1	1	0	-1
Lower Pit	Upper Sacramento	1,716,791	Poor	1	4	2	2	3
McCloud	Upper Sacramento	611,207	Poor	1	3	0	2	4
Surprise Valley	Upper Sacramento	1,266	Poor	0	0	0	0	0
Madeline Plains	North Lahontan	576,236	Poor	1	3	0	2	4
Honey-Eagle Lakes	North Lahontan	515,525	Good	1	6	2	3	6
Analysis Area	Totals	697,479	Poor	1	4	1	4	6
<b>Composite score</b>				13	45	12	26	46

**Sage Steppe Ecosystem Restoration Strategy - Watershed Analysis for Alternative B**

Watershed Name	Watershed Basin	Watershed Area (acres)	Existing Condition	Short-term disturbances	term ground cover	Erosion	Stream function	Totals
Smoke Creek Desert	Black Rock Desert	72,239	Poor	3	20	3	15	29
Massacre Lake	Black Rock Desert	522,906	Good	2	13	2	4	13
Warner Lakes	Oregon Closed Basins	113,556	Good	3	14	2	4	13
Guano	Oregon Closed Basins	40,241	Good	1	12	1	4	14
Lost Butte	Klamath	1,092,959	Poor	5	17	4	15	23
Upper Klamath	Klamath	354,904	Poor	4	8	3	8	9
Shasta	Klamath	10,706	Poor	3	6	2	0	1
Goose Lake	Klamath	1,537	Poor	0	1	0	0	1
Upper Pit	Upper Sacramento	232,692	Poor	2	5	2	0	1
Lower Pit	Upper Sacramento	1,716,791	Poor	6	14	5	8	11
McCloud	Upper Sacramento	611,207	Poor	1	11	1	8	17
Surprise Valley	Upper Sacramento	1,266	Poor	0	0	0	0	0
Madeline Plains	North Lahontan	576,236	Poor	1	10	1	8	16
Honey-Eagle Lakes	North Lahontan	515,525	Good	7	23	5	11	22
Analysis Area	North Lahontan	697,479	Poor	2	15	2	15	26
<b>Composite score</b>				40	169	33	100	196

**Sage Steppe Ecosystem Restoration Strategy - Watershed Analysis for Alternative C**

Watershed Name	Watershed Basin	Watershed Area (acres)	Existing Condition	Short-term disturbances	term ground cover	Erosion	Stream function	Totals
Smoke Creek Desert	Black Rock Desert	72,239	Poor	3	16	2	12	23
Massacre Lake	Black Rock Desert	522,906	Good	2	10	1	3	10
Warner Lakes	Oregon Closed Basins	113,556	Good	3	12	1	3	11
Guano	Oregon Closed Basins	40,241	Good	1	10	0	3	12
Lost Butte	Klamath	1,092,959	Poor	5	14	2	12	19
Upper Klamath	Klamath	354,904	Poor	4	7	2	6	7
Shasta	Klamath	10,706	Poor	3	5	1	0	1
Goose Lake	Klamath	1,537	Poor	0	1	0	0	1
Upper Pit	Upper Sacramento	232,692	Poor	2	4	1	0	1
Lower Pit	Upper Sacramento	1,716,791	Poor	6	12	2	6	10
McCloud	Upper Sacramento	611,207	Poor	1	9	0	6	14
Surprise Valley	Upper Sacramento	1,266	Poor	0	0	0	0	0
Madeline Plains	North Lahontan	576,236	Poor	1	8	0	6	13
Honey-Eagle Lakes	North Lahontan	515,525	Good	7	18	3	9	17
Analysis Area	Totals	697,479	Poor	2	12	1	12	21
<b>Composite score</b>				40	138	16	78	160
		<b>160</b>						

**Sage Steppe Ecosystem Restoration Strategy - Watershed Analysis for Alternative D**

Watershed Name	Watershed Basin	Watershed Area (acres)	Existing Condition	Short-term disturbances	term ground cover	Erosion	Stream function	Totals
Smoke Creek Desert	Black Rock Desert	72,239	Poor	7	20	3	15	29
Massacre Lake	Black Rock Desert	522,906	Good	3	13	2	4	15
Warner Lakes	Oregon Closed Basins	113,556	Good	5	14	2	4	14
Guano	Oregon Closed Basins	40,241	Good	1	12	1	4	17
Lost Butte	Klamath	1,092,959	Poor	9	17	4	15	23
Upper Klamath	Klamath	354,904	Poor	7	8	3	8	8
Shasta	Klamath	10,706	Poor	3	6	2	0	2
Goose Lake	Klamath	1,537	Poor	0	1	0	0	1
Upper Pit	Upper Sacramento	232,692	Poor	3	5	2	0	1
Lower Pit	Upper Sacramento	1,716,791	Poor	10	14	5	8	10
McCloud	Upper Sacramento	611,207	Poor	5	11	1	8	15
Surprise Valley	Upper Sacramento	1,266	Poor	0	0	0	0	0
Madeline Plains	North Lahontan	576,236	Poor	3	10	1	8	16
Honey-Eagle Lakes	North Lahontan	515,525	Good	17	23	5	11	17
Analysis Area	North Lahontan	697,479	Poor	7	15	2	15	24
<b>Composite score</b>				80	169	33	100	192
		<b>193.18</b>						

**Sage Steppe Ecosystem Restoration Strategy - Watershed Analysis for Alternative E**

Watershed Name	Watershed Basin	Watershed Area (acres)	Existing Condition	Short-term disturbances	term ground cover	Erosion	Stream function	Totals
Smoke Creek Desert	Black Rock Desert	72,239	Poor	7	27	4	20	42
Massacre Lake	Black Rock Desert	522,906	Good	3	17	2	5	21
Warner Lakes	Oregon Closed Basins	113,556	Good	5	19	3	5	20
Guano	Oregon Closed Basins	40,241	Good	1	16	1	5	23
Lost Butte	Klamath	1,092,959	Poor	9	23	5	20	34
Upper Klamath	Klamath	354,904	Poor	7	11	4	10	12
Shasta	Klamath	10,706	Poor	3	8	3		4
		1,537	Poor	0	1	0		1
Goose Lake	Upper Sacramento	232,692	Poor	3	6	2		2
Upper Pit	Upper Sacramento	1,716,791	Poor	10	19	6	10	17
Lower Pit	Upper Sacramento	611,207	Poor	5	15	1	10	22
McCloud	Upper Sacramento	1,266	Poor	0	0	0		0
Surprise Valley	North Lahontan	576,236	Poor	3	13	1	10	22
Madeline Plains	North Lahontan	515,525	Good	17	30	7	15	28
Honey-Eagle Lakes	North Lahontan	697,479	Poor	7	20	3	20	34
Analysis Area	Totals			80	225	42	130	282
<b>Composite score</b>		<b>282</b>						

**Sage Steppe Ecosystem Restoration Strategy - Watershed Analysis for Alternative J**

Watershed Name	Watershed Basin	Watershed Area (acres)	Existing Condition	Short-term disturbances	term ground cover	Erosion	Stream function	Totals
Smoke Creek Desert	Black Rock Desert	72,239	Poor	3	16	2	12	23
Massacre Lake	Black Rock Desert	522,906	Good	2	10	1	3	10
Warner Lakes	Oregon Closed Basins	113,556	Good	3	12	1	3	11
Guano	Oregon Closed Basins	40,241	Good	1	10	0	3	12
Lost Butte	Klamath	1,092,959	Poor	5	14	2	12	19
Upper Klamath	Klamath	354,904	Poor	4	7	2	6	7
Shasta	Klamath	10,706	Poor	3	5	1	0	1
		1,537	Poor	0	1	0	0	1
Goose Lake	Upper Sacramento	232,692	Poor	2	4	1	0	1
Upper Pit	Upper Sacramento	1,716,791	Poor	6	12	2	6	10
Lower Pit	Upper Sacramento	611,207	Poor	1	9	0	6	14
McCloud	Upper Sacramento	1,266	Poor	0	0	0	0	0
Surprise Valley	North Lahontan	576,236	Poor	1	8	0	6	13
Madeline Plains	North Lahontan	515,525	Good	7	18	3	9	17
Honey-Eagle Lakes	North Lahontan	697,479	Poor	2	12	1	12	21
Analysis Area	Totals			40	138	16	78	160
<b>Composite score</b>		<b>160</b>						

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