

Appendix I - Summarized Monitoring Results

Summary of Vegetative Changes Following Herbicide Treatment

Monitoring Plot Location	Grass Species			Forb Species			Tree/Shrub Species			Weed Species		
	Up	Static	Down	Up	Static	Down	Up	Static	Down	Up	Static	Down
<u>Main Salmon</u>												
Horse Creek	3	4	0	1	11	3	0	4	2	0	0	1
Lantz Bar	3	2	1	0	2	2	0	1	2	0	0	1
*Nixon Bar	3	4	2	7	6	4	1	0	1	1	0	0
Richardson Bar	1	4	2	2	4	3	0	1	1	0	0	2
Mackay Bar	Data not yet			summarized								
Swimming Hole	2	3	0	3	7	0	0	0	0	0	1	2
Bull Creek	1	4	0	2	4	2	0	0	0	0	0	2
Upper Sheep Cr.	3	6	2	3	5	4	0	2	1	0	1	3
<u>Middle Fork</u>												
Cameron Creek	2	1	1	1	6	4	0	0	0	0	0	1
Indian Cr	2	3	2	3	10	8	0	3	0	0	0	1
drainage	3	1	2	1	13	0	3	3	1	0	0	1
Indian Creek	1	3	0	1	6	4	1	2	0	0	0	1
Little Creek	1	1	4	4	6	3	0	1	0	0	1	0
*Mormon Ranch	4	3	2	5	8	7	0	3	2	0	1	1
Sheep Creek	1	4	1	2	6	8	0	1	0	0	0	1
Sunflower Creek												
	26	38	13	24	82	45	4	20	9	0	3	17
Summary Total	<hr/>			<hr/>			<hr/>			<hr/>		
*sites not included	83%		17%	70%		30%	73%		27%	15%		85%

***Sites not treated with herbicides. Numbers are not included in Summary Total or Percent**

Target weed species have significantly **decreased** on all sites treated. Sites which show a static (no significant change in frequency) result have a very low composition of the weed species present and were most likely missed with spot treatment methods.

Grass, forb and tree/shrub species have **increased** or remained **static** in frequency by 83%, 70% and 73% on treated sites respectfully, while target weed species have **decreased** in frequency by 85% on treated sites.

Grass species include annuals, such as cheat grass, which are invaders to the site. A downward frequency for these species would be desirable.

**Main Salmon River FC-RONR
HORSE CREEK NESTED FREQUENCY COMPARISON
April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Dactylis glomerata</i>	59	N/A	NR	N/A	68	No Change
<i>Bromes tectorum</i>	0	N/A	NR	N/A	5	No Change
<i>Poa pratensis</i>	164	N/A	NR	N/A	149	No Change
<i>Poa bulbosa</i>	0	N/A	NR	N/A	62	INCREASE
<i>Carex geyeri</i>	16	N/A	NR	N/A	26	INCREASE
<i>Calamagrostis rubescens</i>	0	N/A	NR	N/A	8	INCREASE
<i>Festuca idahoensis</i>	0	N/A	NR	N/A	3	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	127	DECREASE	12	No Change	7	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Lithophragma bulbifera</i>	22	No Change	22	No Change	19	No Change
<i>Achillea millefolium</i>	5	No Change	0	No Change	6	No Change
<i>Balsamorhiza sagittata</i>	4	No Change	0	No Change	2	No Change
<i>Crepis</i> spp.	6	No Change	3	No Change	0	No Change
<i>Lomatium</i> spp.	8	No Change	0	No Change	0	DECREASE
Annuals	87	DECREASE	61	No Change	56	DECREASE
<i>Brodiaea</i> spp.	66	DECREASE	39	DECREASE	28	DECREASE
<i>Smilacina</i> spp.	4	No Change	1	No Change	1	No Change
<i>Pteridium aquilinum</i>	3	No Change	0	No Change	0	No Change
<i>Sedum</i> spp.	1	No Change	1	No Change	1	No Change
<i>Ranunculus</i> spp.	1	No Change	0	No Change	0	No Change
<i>Erythronium</i> spp.	0	N/A	0	No Change	5	No Change
<i>Montia</i> spp.	0	N/A	0	INCREASE	10	INCREASE
<i>Hieracium</i> spp.	0	N/A	0	No Change	2	No Change
<i>Aster</i> spp.	0	N/A	0	No Change	3	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Berberis repens</i>	53	No Change	56	No Change	44	No Change
<i>Symphoricarpos albus</i>	33	INCREASE	42	No Change	32	No Change
<i>Prunus virginiana</i>	14	DECREASE	5	No Change	5	DECREASE
<i>Amelanchier alnifolia</i>	9	DECREASE	0	No Change	0	DECREASE
<i>Rosa</i> spp.	4	No Change	1	No Change	1	No Change
<i>Crataegus douglasii</i>	0	No Change	1	No Change	0	No Change
<i>Pseudotsuga menziesii</i>	NR	N/A	NR	N/A	12	N/A
<i>Pinus ponderosa</i>	NR	N/A	NR	N/A	3	N/A

NR = Not Read N/A = Not Applicable

**HORSE CREEK NESTED FREQUENCY COMPARISON
April 30, 2003**

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	8	2%	1	<1%	DECREASE
Litter	304	76%	321	80%	INCREASE
Rock	71	18%	64	16%	No Change
Pavement	0	0%	0	0%	No Change
Moss	6	2%	2	<1%	No Change
Soil	11	2%	12	3%	No Change
TOTALS	400	100%	400	100%	

**Main Salmon River FC-RONR
NIXON BAR NESTED FREQUENCY COMPARISON
April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Festuca idahoensis</i>	223	N/A	NR	N/A	36	DECREASE
<i>Bromes tectorum</i>	7	N/A	NR	N/A	30	INCREASE
<i>Poa spp.</i>	53	N/A	NR	N/A	31	DECREASE
<i>Panicum scribnerianum</i>	11	N/A	NR	N/A	9	No Change
<i>Danthonia spp.</i>	3	N/A	NR	N/A	0	No Change
<i>Carex geyeri</i>	10	N/A	NR	N/A	7	No Change
<i>Trisetum spp.</i>	0	N/A	NR	N/A	6	No Change
Annual Grass	0	N/A	NR	N/A	21	INCREASE
<i>Agropyron spicatum</i>	0	N/A	NR	N/A	29	INCREASE

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	213	No Change	193	INCREASE	244	INCREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Lithophragma bulbifera</i>	38	N/A	NR	N/A	32	No Change
<i>Achillea millefolium</i>	29	N/A	NR	N/A	11	DECREASE
<i>Trifolium spp.</i>	129	N/A	NR	N/A	47	DECREASE
<i>Equisetum spp.</i>	7	N/A	NR	N/A	0	No Change
<i>Thermopsis montana</i>	3	N/A	NR	N/A	0	DECREASE
Annuals	108	N/A	NR	N/A	300	INCREASE
<i>Brodiaea spp.</i>	108	N/A	NR	N/A	142	INCREASE
<i>Aster spp.</i>	8	N/A	NR	N/A	0	DECREASE
<i>Collinsia spp.</i> (was <i>Tonella tenella spp.</i>)	0	N/A	NR	N/A	148	INCREASE
<i>Senecio spp.</i>	0	N/A	NR	N/A	17	INCREASE
<i>Rumex spp.</i>	0	N/A	NR	N/A	18	INCREASE
<i>Phacelia spp.</i>	0	N/A	NR	N/A	1	No Change
<i>Erythronium spp.</i>	0	N/A	NR	N/A	2	No Change
<i>Montia spp.</i>	0	N/A	NR	N/A	24	INCREASE
<i>Hieracium spp.</i>	0	N/A	NR	N/A	3	No Change
<i>Oenothera spp.</i>	0	N/A	NR	N/A	3	No Change
<i>Draba spp.</i>	0	N/A	NR	N/A	19	INCREASE

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Berberis repens</i>	50	N/A	NR	N/A	56	No Change
<i>Symphoricarpos albus</i>	16	N/A	NR	N/A	26	INCREASE
<i>Pinus ponderosa</i>	NR	N/A	NR	N/A	1	N/A

NR = Not Read N/A = Not Applicable

NIXON BAR NESTED FREQUENCY COMPARISON
April 30, 2003

ROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	13	3%	39	10%	INCREASE
Litter	292	73%	207	52%	DECREASE
Rock	2	1%	7	2%	No Change
Pavement	0	0%	0	0%	No Change
Moss	65	16%	50	12%	DECREASE
Soil	28	7%	97	24%	INCREASE
TOTALS	400	100%	400	100%	

**Main Salmon River FC-RONR
LANTZ BAR NESTED FREQUENCY COMPARISON
April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Bromes tectorum</i>	270	DECREASE	127	INCREASE	172	DECREASE
<i>Poa pratensis</i>	195	N/A	NR	N/A	256	INCREASE
<i>Dactylis glomerata</i>	79	N/A	NR	N/A	96	INCREASE
<i>Bromes inermis</i>	62	N/A	NR	N/A	124	INCREASE
<i>Phleum pratense</i>	6	N/A	NR	N/A	0	No Change
<i>Agropyron repens</i>	0	N/A	NR	N/A	6	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	323	DECREASE	1	No Change	3	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Annuals	270	DECREASE	61	INCREASE	178	DECREASE
<i>Trifolium spp.</i>	8	No Change	4	No Change	0	DECREASE
<i>Taraxacum spp.</i>	1	No Change	0	No Change	0	No Change
<i>Asparagus officinalis</i>	1	No Change	0	No Change	1	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Prunus virginiana</i>	0	No Change	4	No Change	0	No Change
<i>Rosa spp.</i>	16	DECREASE	0	No Change	0	DECREASE
<i>Crataegus douglasii</i>	16	DECREASE	6	No Change	1	DECREASE

NR = Not Read N/A = Not Applicable

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	109	27%	59	15%	DECREASE
Litter	239	60%	266	66%	INCREASE
Rock	1	<1%	0	0%	No Change
Pavement	0	0%	0	0%	No Change
Moss	19	5%	7	2%	DECREASE
Soil	32	8%	68	17%	INCREASE
TOTALS	400	100%	400	100%	

**Main Salmon River FC-RONR
RICHARDSON BAR NESTED FREQUENCY COMPARISON
April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
Poa spp.	295	N/A	NR	N/A	291	No Change
Dactylis glomerata	215	N/A	NR	N/A	167	DECREASE
Phleum pratense	165	N/A	NR	N/A	64	DECREASE
Carex geyseri	6	N/A	NR	N/A	38	INCREASE
Luzula spp.	1	N/A	NR	N/A	7	No Change
Muhlenbergia spp.	2	N/A	NR	N/A	0	No Change
Poa bulbosa	0	N/A	NR	N/A	4	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
Centaurea maculosa	375	No Change	372	DECREASE	0	DECREASE
Potentilla recta	100	No Change	88	DECREASE	0	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Annuals	17	N/A	NR	N/A	237	INCREASE
Eriogonum spp.	3	N/A	NR	N/A	13	INCREASE
Lithophragma bulbifera	14	N/A	NR	N/A	0	DECREASE
Plantago spp.	6	N/A	NR	N/A	0	No Change
Trifolium spp.	9	N/A	NR	N/A	0	DECREASE
Achillea millefolium	19	N/A	NR	N/A	0	DECREASE
Penstemon spp.	6	N/A	NR	N/A	0	No Change
Brodiaea spp.	8	N/A	NR	N/A	5	No Change
Erythronium spp.	3	N/A	NR	N/A	0	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
Berberis repens	29	N/A	NR	N/A	13	DECREASE
Symphoricarpos albus	2	N/A	NR	N/A	0	No Change
Pinus ponderosa	NR	N/A	NR	N/A	8	N/A
Pseudotsuga menziesii	NR	N/A	NR	N/A	3	N/A

NR = Not Read N/A = Not Applicable

RICHARDSON BAR NESTED FREQUENCY COMPARISON
April 30, 2003

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	80	20%	5	1%	DECREASE
Litter	229	57%	255	64%	INCREASE
Rock	0	0%	0	0%	No Change
Pavement	0	0%	0	0%	No Change
Moss	78	20%	118	30%	INCREASE
Soil	13	3%	22	5%	INCREASE
TOTALS	400	100%	400	100%	

**Main Salmon River FC-RONR
SWIMMING HOLE NESTED FREQUENCY COMPARISON
April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Bromes tectorum</i>	365	N/A	NR	N/A	344	No Change
<i>Panicum scribnerianum</i>	129	N/A	NR	N/A	145	INCREASE
<i>Agropyron spicatum</i>	41	N/A	NR	N/A	52	INCREASE
<i>Aristida longiseta</i>	11	N/A	NR	N/A	6	No Change
<i>Festuca idahoensis</i>	0	N/A	NR	N/A	1	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	36	INCREASE	52	DECREASE	0	DECREASE
<i>Potentilla recta</i>	3	INCREASE	13	DECREASE	0	No Change
<i>Hypericum perforatum</i>	7	No Change	0	No Change	1	No Change

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Annuals	288	N/A	NR	N/A	350	INCREASE
<i>Lomatium spp.</i>	84	N/A	NR	N/A	77	No Change
<i>Eriogonum spp.</i>	7	N/A	NR	N/A	1	No Change
<i>Lithophragma bulbifera</i>	40	N/A	NR	N/A	83	INCREASE
<i>Verbascum thapsus</i>	1	N/A	NR	N/A	0	No Change
<i>Balsamorhiza sagittata</i>	2	N/A	NR	N/A	6	No Change
<i>Brodiaea spp.</i>	0	N/A	NR	N/A	100	INCREASE
<i>Achillea millefolium</i>	0	N/A	NR	N/A	2	No Change
<i>Astragalus spp.</i>	0	N/A	NR	N/A	2	No Change
<i>Agoseris spp.</i>	0	N/A	NR	N/A	7	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
None						

NR = Not Read N/A = Not Applicable

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	32	8%	21	5%	DECREASE
Litter	141	35%	114	29%	INCREASE
Rock	22	5%	28	7%	No Change
Pavement	50	13%	37	9%	DECREASE
Moss	15	4%	6	1%	DECREASE
Soil	140	35%	194	49%	INCREASE
TOTALS	400	100%	400	100%	

**Main Salmon River FC-RONR
LOWER BULL CREEK NESTED FREQUENCY COMPARISON
April 30, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Sporobolus cryptandrus</i>	34	N/A	NR	N/A	69	INCREASE
<i>Panicum scribnerianum</i>	144	N/A	NR	N/A	140	No Change
<i>Poa bulbosa</i>	360	N/A	NR	N/A	380	No Change
<i>Poa spp.</i>	42	N/A	NR	N/A	34	No Change
<i>Bromes tectorum</i>	0	N/A	NR	N/A	7	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	18	DECREASE	3	No Change	0	DECREASE
<i>Potentilla recta</i>	52	DECREASE	7	No Change	8	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Brodiaea spp.</i>	187	No Change	178	INCREASE	205	INCREASE
Annuals	221	No Change	238	INCREASE	300	INCREASE
<i>Aster spp.</i>	141	No Change	129	DECREASE	95	DECREASE
<i>Rumex spp.</i>	81	INCREASE	111	DECREASE	10	DECREASE
<i>Lithophragma bulbifera</i>	3	INCREASE	29	DECREASE	0	No Change
<i>Achillea millefolium</i>	4	No Change	2	No Change	0	No Change
<i>Ranunculus spp.</i>	0	No Change	6	No Change	0	N/A
<i>Montia spp.</i>	0	N/A	0	No Change	6	No Change
<i>Fritillaria spp.</i>	0	N/A	0	No Change	4	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Pinus ponderosa</i>	NR	N/A	NR	N/A	4	N/A

NR = Not Read N/A = Not Applicable

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	28	7%	18	5%	DECREASE
Litter	139	35%	172	43%	INCREASE
Rock	3	1%	3	1%	No Change
Pavement	1	<1%	1	<1%	No Change
Moss	37	9%	57	14%	INCREASE
Soil	192	48%	149	37%	DECREASE
TOTALS	400	100%	400	100%	

Main Salmon River FC-RONR

UPPER SHEEP CREEK NESTED FREQUENCY COMPARISON

April 30, 2003

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Poa bulbosa</i>	201	N/A	NR	N/A	202	No Change
<i>Panicum scribnerianum</i>	210	N/A	NR	N/A	148	DECREASE
<i>Elymus cinereus</i>	34	N/A	NR	N/A	34	No Change
<i>Dactylis glomerata</i>	88	N/A	NR	N/A	72	DECREASE
<i>Bromes tectorum</i>	108	N/A	NR	N/A	181	INCREASE
<i>Poa pratensis</i>	128	N/A	NR	N/A	135	No Change
<i>Aristida longiseta</i>	23	N/A	NR	N/A	18	No Change
<i>Agropyron spicatum</i>	11	N/A	NR	N/A	20	INCREASE
<i>Sporobolus cryptandrus</i>	10	N/A	NR	N/A	64	INCREASE
<i>Carex spp.</i>	0	N/A	NR	N/A	1	No Change
<i>Stipa spp.</i>	0	N/A	NR	N/A	5	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Centaurea maculosa</i>	6	INCREASE	15	DECREASE	0	No Change
<i>Potentilla recta</i>	197	INCREASE	220	DECREASE	10	DECREASE
<i>Hypericum perforatum</i>	2	INCREASE	15	DECREASE	0	No Change
<i>Chondrilla juncea</i>	0	No Change	1	No Change	0	No Change

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Brodiaea spp.</i>	58	N/A	NR	N/A	42	DECREASE
Annuals	299	N/A	NR	N/A	333	INCREASE
<i>Equisetum spp.</i>	118	N/A	NR	N/A	82	DECREASE
<i>Aster spp.</i>	88	N/A	NR	N/A	7	DECREASE
<i>Rumex spp.</i>	41	N/A	NR	N/A	11	DECREASE
<i>Taraxacum spp.</i>	6	N/A	NR	N/A	1	No Change
<i>Lithophragma bulbifera</i>	32	N/A	NR	N/A	31	No Change
<i>Montia spp.</i>	4	N/A	NR	N/A	19	INCREASE
<i>Eriogonum spp.</i>	6	N/A	NR	N/A	2	No Change
<i>Tonella tenella</i>	0	N/A	NR	N/A	21	INCREASE
<i>Tragopogon spp.</i>	0	N/A	NR	N/A	1	No Change
<i>Pteridium spp.</i>	0	N/A	NR	N/A	4	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Rhus radicans</i>	106	N/A	NR	N/A	102	No Change
<i>Berberis repens</i>	3	N/A	NR	N/A	8	No Change
<i>Rosa spp.</i>	8	N/A	NR	N/A	1	DECREASE

NR = Not Read N/A = Not Applicable

UPPER SHEEP CREEK NESTED FREQUENCY COMPARISON

April 30, 2002

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	76	19%	29	7%	DECREASE
Litter	241	60%	289	72%	INCREASE
Rock	31	8%	33	8%	No Change
Pavement	0	0%	0	0%	No Change
Moss	15	4%	15	4%	No Change
Soil	37	9%	34	9%	No Change
TOTALS	400	100%	400	100%	

**Middle Fork Salmon River FC-RONR
CAMERON CREEK NESTED FREQUENCY COMPARISON
May 8, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Bromes tectorum</i>	317	N/A	NR	N/A	370	INCREASE
<i>Stipa spp.</i>	272	N/A	NR	N/A	116	DECREASE
Annual Grass spp.	292	N/A	NR	N/A	290	No Change
<i>Poa spp.</i>	153	N/A	NR	N/A	264	INCREASE
<i>Agropyron spicatum</i>	8	N/A	NR	N/A	7	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Chondrilla juncea</i>	317	No Change	314	INCREASE	120	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Annual Forbs	278	N/A	NR	N/A	212	DECREASE
<i>Phlox spp.</i>	18	N/A	NR	N/A	10	DECREASE
<i>Mustard spp.</i>	44	N/A	NR	N/A	44	No Change
<i>Astragalus spp.</i>	14	N/A	NR	N/A	5	DECREASE
<i>Tragopogon spp.</i>	23	N/A	NR	N/A	0	DECREASE
<i>Lomatium spp.</i>	3	N/A	NR	N/A	0	No Change
<i>Lupinus spp.</i>	6	N/A	NR	N/A	1	No Change
<i>Verbascum thapsus</i>	3	N/A	NR	N/A	0	No Change
<i>Antennaria spp</i>	0	N/A	NR	N/A	1	No Change
<i>Aster spp.</i>	0	N/A	NR	N/A	55	INCREASE
<i>Lithophragma bulbifera</i>	0	N/A	NR	N/A	3	No Change

NR = Not Read N/A = Not Applicable

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	45	11%	24	6%	DECREASE
Litter	218	55%	264	66%	INCREASE
Rock	5	1%	11	3%	No Change
Pavement	1	<1%	1	<1%	No Change
Moss	59	15%	17	4%	DECREASE
Soil	72	18%	83	21%	No Change
TOTALS	400	100%	400	100%	

Middle Fork Salmon River FC-RONR
INDIAN CREEK DRAINAGE NESTED FREQUENCY COMPARISON
May 9, 2003

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
Poa spp.	303	N/A	NR	N/A	310	No Change
Stipa spp.	103	N/A	NR	N/A	66	DECREASE
Carex spp.	68	N/A	NR	N/A	19	DECREASE
Bromes spp.	47	N/A	NR	N/A	41	No Change
Danthonia spp.	0	N/A	NR	N/A	56	INCREASE
Phleum spp.	0	N/A	NR	N/A	9	INCREASE
Calamagrostis canadensis	0	N/A	NR	N/A	7	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
Centaurea maculosa	48	DECREASE	12	INCREASE	20	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Achillea millefolium	140	No Change	138	DECREASE	92	DECREASE
Annual Forbs	239	No Change	235	INCREASE	271	INCREASE
Solidago spp.	176	DECREASE	87	DECREASE	18	DECREASE
Rumex spp.	24	INCREASE	68	DECREASE	6	DECREASE
Antennaria spp.	27	DECREASE	14	No Change	8	DECREASE
Fragaria virginiana	57	INCREASE	69	DECREASE	40	DECREASE
Tragopogon spp.	42	DECREASE	7	No Change	5	DECREASE
Erigonum spp.	3	No Change	0	No Change	0	No Change
Senecio spp.	5	INCREASE	53	DECREASE	37	INCREASE
Potentilla spp. (native)	122	No Change	124	DECREASE	87	DECREASE
Taraxacum spp.	33	INCREASE	64	DECREASE	36	No Change
Smilacina stellata	40	DECREASE	18	INCREASE	41	No Change
Viola spp.	24	DECREASE	6	No Change	2	DECREASE
Cirsium spp. (native)	1	No Change	0	No Change	0	No Change
Lathyrus spp	4	No Change	0	No Change	0	No Change
Lithophragma bulbifera	0	No Change	5	No Change	0	No Change
Astragalus spp.	0	N/A	0	No Change	4	No Change
Geranium spp.	0	N/A	0	INCREASE	10	INCREASE
Mustard spp.	0	N/A	0	No Change	3	No Change
Erythronium spp.	0	N/A	0	No Change	5	No Change
Aster spp.	0	N/A	0	No Change	3	No Change

NR = Not Read N/A = Not Applicable

INDIAN CREEK DRAINAGE NESTED FREQUENCY COMPARISON
May 9, 2003

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
Spirea spp.	43	DECREASE	10	INCREASE	45	No Change
Symphoricarpos albus	9	No Change	9	No Change	6	No Change
Rosa spp.	0	INCREASE	16	DECREASE	2	No Change

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	16	4%	26	7%	INCREASE
Litter	287	72%	264	66%	No Change
Rock	1	<1%	4	1%	No Change
Pavement	0	0	0	0	No Change
Moss	17	4%	5	1%	DECREASE
Soil	79	20%	101	25%	INCREASE
TOTALS	400	100%	400	100%	

**Middle Fork Salmon River FC-RONR
INDIAN CREEK NESTED FREQUENCY COMPARISON
May 10, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
Poa spp.	82	N/A	NR	N/A	130	INCREASE
Carex spp.	65	N/A	NR	N/A	46	DECREASE
Festuca idahoensis	14	N/A	NR	N/A	19	No Change
Agropyron spicatum	22	N/A	NR	N/A	13	DECREASE
Bromes tectorum	36	N/A	NR	N/A	192	INCREASE
Stipa spp.	0	N/A	NR	N/A	36	INCREASE

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
Centaurea maculosa	51	DECREASE	5	No Change	2	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Solidago spp.	96	DECREASE	64	INCREASE	86	No Change
Tragopogon spp.	2	No Change	0	No Change	0	No Change
Achillea millefolium	70	No Change	64	No Change	65	No Change
Annual Forbs	29	INCREASE	158	DECREASE	83	INCREASE
Erigonum spp.	1	No Change	0	No Change	0	No Change
Fragaria virginiana	13	No Change	7	No Change	8	No Change
Crepis spp.	3	No Change	0	No Change	0	No Change
Arnica cordifolia	2	No Change	1	No Change	6	No Change
Lithospermum ruderales	3	No Change	0	No Change	1	No Change
Antennaria spp.	2	No Change	1	No Change	4	No Change
Polypodium spp.	1	No Change	2	No Change	0	No Change
Potentilla spp. (native)	0	No Change	1	No Change	0	No Change
Arabis spp.	0	N/A	0	N/A	7	No Change
Penstemon spp.	0	N/A	0	N/A	1	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
Prunus virginiana	6	INCREASE	23	DECREASE	9	No Change
Purshia tridentata	2	INCREASE	24	DECREASE	13	INCREASE
Symphoricarpos albus	56	No Change	59	No Change	57	No Change
Berberis repens	41	INCREASE	81	No Change	71	INCREASE
Spirea spp.	56	INCREASE	73	DECREASE	42	DECREASE
Amelanchier alnifolia	0	No Change	2	INCREASE	23	INCREASE
Rosa spp.	0	No Change	2	No Change	0	No Change

NR = Not Read N/A = Not Applicable

INDIAN CREEK NESTED FREQUENCY COMPARISON
May 10, 2003

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	8	2%	18	5%	INCREASE
Litter	173	43%	164	41%	No Change
Rock	19	5%	36	9%	INCREASE
Pavement	40	10%	8	2%	DECREASE
Moss	0	0	0	0	No Change
Soil	160	40%	174	43%	No Change
TOTALS	400	100%	400	100%	

**Middle Fork Salmon River FC-RONR
LITTLE CREEK NESTED FREQUENCY COMPARISON
May 7, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
Poa spp.	285	N/A	NR	N/A	264	No Change
Bromes tectorum	358	N/A	NR	N/A	351	No Change
Agropyron spicatum	3	N/A	NR	N/A	6	No Change
Poa bulbosa	0	N/A	NR	N/A	9	INCREASE

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
Chondrilla juncea	121	DECREASE	31	DECREASE	9	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Annual Forbs	354	DECREASE	304	No Change	319	DECREASE
Achillea millefolium	101	DECREASE	56	DECREASE	32	DECREASE
Agoseris spp.	7	No Change	3	No Change	0	No Change
Astragalus spp.	4	No Change	2	No Change	3	No Change
Lithospermum ruderales	3	No Change	0	No Change	0	No Change
Tragopogon spp.	14	DECREASE	3	No Change	4	DECREASE
Lomatium spp.	10	No Change	2	No Change	0	DECREASE
Balsamorhiza sagittata	18	No Change	17	No Change	20	No Change
Mustard spp.(Descurainia)	24	INCREASE	32	INCREASE	137	INCREASE
Phlox spp.	6	No Change	0	No Change	3	No Change
Lithophragma bulbifera	0	No Change	5	INCREASE	61	INCREASE
Aster spp.	0	N/A	0	No Change	1	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
Chrysothamnus nauseosus	2	No Change	0	INCREASE	10	INCREASE
Chrysothamnus viscidiflorus (was called spiral leaf sage)	11	No Change	13	No Change	6	No Change
Artemisia tridentata	0	N/A	0	No Change	2	No Change

NR = Not Read N/A = Not Applicable

LITTLE CREEK NESTED FREQUENCY COMPARISON
May 7, 2003

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	18	5	17	4	No Change
Litter	203	51	176	44	DECREASE
Rock	43	11	58	15	INCREASE
Pavement	6	1	6	1	No Change
Moss	17	4	11	3	No Change
Soil	113	28	132	33	INCREASE
TOTALS	400	100%	400	100%	

**Middle Fork Salmon River FC-RONR
MORMON RANCH NESTED FREQUENCY COMPARISON
May 5, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
Bromes tectorum	224	N/A	NR	N/A	203	DECREASE
Poa spp.	167	N/A	NR	N/A	116	DECREASE
Poa bulbosa	23	N/A	NR	N/A	193	INCREASE
Annual grass	249	N/A	NR	N/A	93	DECREASE
Stipa spp.	36	N/A	NR	N/A	23	DECREASE
Festuca idahoensis	265	N/A	NR	N/A	279	No Change

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
Chondrilla juncea	42	No Change	38	No Change	38	No Change

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
Antennaria spp.	117	N/A	NR	N/A	77	DECREASE
Annual Forbs	277	N/A	NR	N/A	266	No Change
Phlox spp.	43	N/A	NR	N/A	56	INCREASE
Lewisia rediviva	48	N/A	NR	N/A	84	INCREASE
Astragalus spp.	23	N/A	NR	N/A	17	No Change
Lomatium spp.	12	N/A	NR	N/A	21	INCREASE
Coryphantha vivipara	5	N/A	NR	N/A	2	No Change
Achillea millefolium	36	N/A	NR	N/A	6	DECREASE
Mustard spp.	15	N/A	NR	N/A	59	INCREASE
Taraxacum spp.	23	N/A	NR	N/A	1	DECREASE
Tragopogon spp.	4	N/A	NR	N/A	0	No Change
Lithophragma bulbifera	0	N/A	NR	N/A	3	No Change
Aster spp.	0	N/A	NR	N/A	5	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
Chrysothamnus viscidiflorus	4	N/A	NR	N/A	0	No Change

NR = Not Read N/A = Not Applicable

MORMON RANCH NESTED FREQUENCY COMPARISON

May 5, 2003

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	19	5%	32	8%	INCREASE
Litter	186	46%	160	40%	DECREASE
Rock	5	1%	3	1%	No Change
Pavement	18	5%	11	3%	No Change
Moss	48	12%	47	12%	No Change
Soil	124	31%	147	36%	INCREASE
TOTALS	400	100%	400	100%	

**Middle Fork Salmon River FC-RONR
SHEEP CREEK NESTED FREQUENCY COMPARISON
May 6, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Poa bulbosa</i>	364	N/A	NR	N/A	371	No Change
<i>Poa</i> spp.	191	N/A	NR	N/A	103	DECREASE
<i>Aristida longiseta</i>	23	N/A	NR	N/A	79	INCREASE
<i>Bromes tectorum</i>	89	N/A	NR	N/A	256	INCREASE
<i>Brome</i> spp.	62	N/A	NR	N/A	8	DECREASE
<i>Festuca</i> spp.	3	N/A	NR	N/A	0	No Change
<i>Agropyron spicatum</i>	2	N/A	NR	N/A	4	No Change
<i>Sporobolus cryptandrus</i>	0	N/A	NR	N/A	12	INCREASE
Unknown grass	0	N/A	NR	N/A	11	INCREASE

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Chondrilla juncea</i>	2	No Change	1	No Change	0	No Change
<i>Centaurea maculosa</i>	120	DECREASE	11	DECREASE	0	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Eriogonum</i> spp.	57	DECREASE	43	No Change	36	DECREASE
<i>Verbascum thapsus</i>	12	DECREASE	1	No Change	0	DECREASE
<i>Achillea millefolium</i>	96	DECREASE	75	DECREASE	48	DECREASE
<i>Agoseris</i> spp.	33	DECREASE	3	No Change	0	DECREASE
<i>Lithospermum ruderales</i>	8	No Change	11	DECREASE	0	No Change
Annual Forbs	34	DECREASE	13	INCREASE	58	INCREASE
<i>Taraxacum</i> spp.	23	INCREASE	30	DECREASE	9	DECREASE
<i>Antennaria</i> spp.	27	DECREASE	9	INCREASE	17	DECREASE
<i>Lomatium</i> spp.	7	No Change	7	No Change	1	No Change
<i>Brodiaea douglasii</i>	18	DECREASE	0	INCREASE	12	No Change
<i>Lithophragma bulbifera</i>	3	No Change	1	No Change	0	No Change
<i>Astragalus</i> spp.	6	INCREASE	28	DECREASE	3	No Change
<i>Phlox</i> spp.	27	DECREASE	3	No Change	3	DECREASE
<i>Tragopogon</i> spp.	0	INCREASE	11	No Change	4	No Change
<i>Erigeron</i> spp.	0	No Change	5	No Change	9	INCREASE
Mustard spp. (<i>Descurainia</i>)	0	No Change	5	INCREASE	43	INCREASE
<i>Aster</i> spp.	0	INCREASE	46	DECREASE	11	INCREASE
<i>Solidago</i> spp.	0	No Change	2	No Change	0	No Change
<i>Geum triflorum</i>	0	N/A	0	No Change	2	No Change
<i>Arabis</i> spp.	0	N/A	0	INCREASE	10	INCREASE

NR = Not Read

N/A = Not Applicable

SHEEP CREEK NESTED FREQUENCY COMPARISON

May 6, 2003

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
Rosa spp.	40	No Change	33	DECREASE	21	DECREASE
Artemisia tridentata	18	DECREASE	2	No Change	5	DECREASE
Berberis repens	6	No Change	0	No Change	3	No Change
Chrysothamnus nauseosus	5	No Change	0	No Change	0	No Change
Chrysothamnus viscidiflorus	0	N/A	0	No Change	4	No Change

NR = Not Read N/A = Not Applicable

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	27	7%	40	10%	INCREASE
Litter	211	53%	209	52%	No Change
Rock	13	3%	9	2%	No Change
Pavement	0	0%	8	2%	No Change
Moss	85	21%	94	24%	No Change
Soil	64	16%	40	10%	DECREASE
TOTALS	400	100%	400	100%	

**Middle Fork Salmon River FC-RONR
SUNFLOWER CREEK NESTED FREQUENCY COMPARISON
May 7, 2003**

GRASS SPECIES	2000	Chi Square COMPARISON 2000 - 2001	2001	Chi Square COMPARISON 2001 - 2003	2003	Chi Square COMPARISON 2000 - 2003
<i>Bromes tectorum</i>	351	N/A	NR	N/A	348	No Change
<i>Poa spp.</i>	137	N/A	NR	N/A	120	No Change
<i>Poa bulbosa</i>	9	N/A	NR	N/A	4	No Change
<i>Elymus cinereus</i>	22	N/A	NR	N/A	0	DECREASE
<i>Juncus spp.</i>	1	N/A	NR	N/A	0	No Change
<i>Sporobolus cryptandrus</i>	20	N/A	NR	N/A	34	INCREASE

NOXIOUS WEED SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Chondrilla juncea</i>	204	DECREASE	2	INCREASE	56	DECREASE

FORB SPECIES	2000	2000-2001	2001	2001 - 2003	2003	2000 - 2003
<i>Taraxacum spp.</i>	92	DECREASE	14	DECREASE	0	DECREASE
<i>Achillea millefolium</i>	70	DECREASE	8	No Change	1	DECREASE
<i>Lupinus spp.</i>	68	DECREASE	5	INCREASE	24	DECREASE
Annual Forbs	382	DECREASE	269	No Change	282	DECREASE
Mustard (<i>Descurainia</i>)	109	DECREASE	40	INCREASE	227	INCREASE
<i>Tragopogon spp.</i>	90	DECREASE	0	No Change	6	DECREASE
<i>Helianthus spp.</i>	135	DECREASE	4	No Change	10	DECREASE
<i>Phlox spp.</i>	8	No Change	0	No Change	0	No Change
<i>Erodium cicutarium</i>	6	No Change	0	No Change	3	No Change
<i>Astragalus spp.</i>	14	No Change	14	DECREASE	3	DECREASE
<i>Rumex spp.</i>	48	DECREASE	5	No Change	12	DECREASE
<i>Verbascum thapsus</i>	3	No Change	0	No Change	0	No Change
<i>Lomatium spp.</i>	0	No Change	5	No Change	3	No Change
<i>Solidago spp.</i>	0	No Change	1	No Change	0	No Change
<i>Aster spp.</i>	0	N/A	0	INCREASE	22	INCREASE
<i>Phacelia spp.</i>	0	N/A	0	No Change	3	No Change

SHRUB/TREE SPECIES	2000	2000 - 2001	2001	2001 - 2003	2003	2000 - 2003
<i>Rosa spp.</i>	7	No Change	3	No Change	2	No Change

NR = Not Read N/A = Not Applicable

SUNFLOWER CREEK NESTED FREQUENCY COMPARISON

May 7, 2003

GROUND COVER	2000 TOTALS	2000 %	2003 TOTALS	2003 %	Chi Square COMPARISON 2000 - 2003
Vegetation	68	17%	14	4%	DECREASE
Litter	216	54%	263	65%	INCREASE
Rock	0	0	2	1%	No Change
Pavement	0	0	3	1%	No Change
Moss	0	0	0	0	No Change
Soil	116	29%	118	29%	No Change
TOTALS	400	100%	400	100%	