

Appendix C:
Monitoring for Salt Creek Class I Area

IMPROVE Monitoring Data

site	year	Group	Amm_SO4	Amm_NO3	OMC	LAC	Soil	CM	ESoil	ECM
SACR1	2001	10	0.774594294	0.499903044	0.786044348	0.116152174	0.406036439	3.966873913	0.406036439	2.380124348
SACR1	2001	30	1.29982875	0.517964318	1.028045455	0.127	0.913939614	7.330354546	0.913939614	4.398212727
SACR1	2001	50	1.8024798	0.65948928	1.3250016	0.135644	1.287673396	9.190556	1.287673396	5.5143336
SACR1	2001	70	2.01631875	0.920819591	1.508858182	0.189209091	1.726328046	12.2858	1.726328046	7.37148
SACR1	2001	90	3.521621902	1.977054	1.8792	0.251226087	2.140002796	17.10096957	2.140002796	10.26058174
SACR1	2001	100	1.885480109	0.914004261	1.306413391	0.163455652	1.294231529	9.964171304	1.294231529	5.978502783
SACR1	2002	10	0.707207935	0.380050826	0.751781739	0.106643478	0.5223353	5.204134783	0.5223353	3.12248087
SACR1	2002	30	1.185148125	0.609390136	0.978021818	0.126859091	1.108137846	8.372290909	1.108137846	5.023374546
SACR1	2002	50	1.74157005	0.81821604	1.5015168	0.159744	1.278990528	10.410552	1.278990528	6.2463312
SACR1	2002	70	2.268961875	1.513304864	1.731542727	0.185568182	1.068112227	10.26324091	1.068112227	6.157944546
SACR1	2002	90	3.512606087	1.653550044	2.256785217	0.217321739	2.1025793	20.65873913	2.1025793	12.39524348
SACR1	2002	100	1.88335125	0.990674009	1.446481565	0.159288696	1.21935044	11.00079652	1.21935044	6.600477913
SACR1	2003	10	0.858340761	0.382294304	0.730823478	0.107473913	1.359270804	5.613647826	1.359270804	3.368188696
SACR1	2003	30	1.5305775	0.540181636	1.280348182	0.157422727	2.828631291	6.685359091	2.828631291	4.011215455
SACR1	2003	50	2.06617785	0.55327584	1.2996576	0.134176	2.59804104	12.289784	2.59804104	7.3738704
SACR1	2003	70	2.83066875	0.804561273	1.539171818	0.1591	3.248437696	11.88121818	3.248437696	7.128730909
SACR1	2003	90	2.647557717	1.688767044	2.563951304	0.22886087	4.902834744	28.04899565	4.902834744	16.82939739
SACR1	2003	100	1.984674163	0.791744791	1.480875652	0.156987826	2.979782359	12.95608783	2.979782359	7.773652696
SACR1	2004	10	0.740371141	0.376674391	0.820181739	0.102091304	0.529623552	2.119404348	0.529623552	1.271642609
SACR1	2004	30	1.254496875	0.564791318	1.223288182	0.132481818	1.218731127	4.656840909	1.218731127	2.794104546
SACR1	2004	50	1.908769183	0.672868962	1.340930769	0.1739	3.034088094	4.518915385	3.034088094	2.711349231
SACR1	2004	70	2.47006875	0.665675182	1.83501	0.156877273	2.7010126	10.65582727	2.7010126	6.393496364
SACR1	2004	90	3.244929531	2.04046825	2.3373075	0.225004167	4.228519329	10.64997917	4.228519329	6.3899875
SACR1	2004	100	1.935686218	0.873500897	1.513729231	0.159277778	2.38279024	6.484754701	2.38279024	3.890852821

site	year	Group	ESea_Salt	RBext	TBext	DV	SVR	FMass	TMass	RCFM	RCTM
SACR1	2001	10	0.026586877	12.32636505	22.32637	7.891152	180.4174	2.398591	6.365465	2.591276	6.55815
SACR1	2001	30	0.087045177	18.6090727	28.60907	10.50108	136.9516	3.96375	11.2941	3.915145	11.2455
SACR1	2001	50	0.024021245	23.86368799	33.86369	12.17868	115.8988	5.454452	14.63749	5.218503	14.40906
SACR1	2001	70	0.053177236	29.84176154	39.84176	13.81219	98.35577	6.514155	18.79995	6.373119	18.65892
SACR1	2001	90	0.248391908	52.15594615	62.15595	17.59917	70.48094	10.76128	27.86225	9.84033	26.9413
SACR1	2001	100	0.087042924	27.35307574	37.35308	12.39684	120.3904	5.822194	15.78473	5.588968	15.55314
SACR1	2002	10	0.071438773	12.25237782	22.25238	7.876245	180.4033	2.184661	7.388796	2.486378	7.690513
SACR1	2002	30	0.079228338	18.70425805	28.70426	10.53018	136.6082	3.907095	12.27939	4.026109	12.3984
SACR1	2002	50	0.006821119	25.8401054	35.84011	12.74692	109.4876	5.633884	16.04444	5.501959	15.91251
SACR1	2002	70	0.181682145	33.87617752	43.87618	14.76673	89.49299	6.685523	16.94876	6.81921	17.08245
SACR1	2002	90	0.097124826	51.44986839	61.44987	17.98731	65.6992	10.26877	30.92751	9.769126	30.42786
SACR1	2002	100	0.085108882	28.41672939	38.41673	12.78319	116.2763	5.741857	16.74265	5.721936	16.72273
SACR1	2003	10	0.06529565	13.54357609	23.54358	8.485475	168.7782	4.361983	9.946535	3.455459	9.069107
SACR1	2003	30	0.248500222	21.98238048	31.98238	11.60689	122.7284	7.57755	14.1582	6.401409	13.08677
SACR1	2003	50	0.112609065	28.04957369	38.04957	13.35117	103.0053	7.698484	19.98827	6.683689	18.97347
SACR1	2003	70	0.162197887	35.41572568	45.41573	15.12102	86.29597	10.37731	22.25853	8.624244	20.50546
SACR1	2003	90	0.14915048	57.01525162	67.01525	18.80868	60.84023	14.30487	42.34321	12.07314	40.12214
SACR1	2003	100	0.145937791	31.19000622	41.19001	13.47443	108.3034	8.841796	21.7699	7.433169	20.38926
SACR1	2004	10	0.147119585	10.45512814	20.45513	7.106995	193.0743	2.445252	4.54613	2.609572	4.728976
SACR1	2004	30	0.171944404	17.69622796	27.69623	10.14701	142.3253	4.488782	9.116591	4.443045	9.099886
SACR1	2004	50	0.230493876	24.03658762	34.03659	12.23229	115.2471	7.545265	12.02115	7.194886	11.7138
SACR1	2004	70	0.241237882	32.06379927	42.0638	14.34749	93.30028	7.9333	18.58913	7.897698	18.55353
SACR1	2004	90	0.286721108	50.17580433	60.1758	17.73393	67.59395	11.57075	22.20823	12.151	22.80098
SACR1	2004	100	0.216648787	27.04580452	37.0458	12.35892	121.7363	6.86668	13.33021	6.924851	13.40961