Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	Sample Type	Collection Date	Canyon	Stream Reach	% Moisture	Cases?	SAND	SILT	CLAY	TOC	AG	AL
BLANKWM0	water	28-Jul-97	field blank	---	100.0		---	---	---	---	---	< 21.5
BLANKWM0	water	01-Oct-97	field blank	---	100.0		---	---	---	---	---	42.4
BLKWM02	water	31-Jul-97	field blank	---	100.0		---	---	---	---	---	34.6
BLKWM04	water	13-Aug-97	field blank	---	100.0		---	---	---	---	---	< 21.5
BLKWM04-	water	25-Aug-97	field blank	---	100.0		---	---	---	---	---	< 21.5
FM1	minnow	29-Jul-97	Baseline	---	74.4		---	---	---	---	---	2.2
FM2	minnow	29-Jul-97	Baseline	---	73.7		---	---	---	---	---	1.6
FM3	minnow	29-Jul-97	Baseline	---	74.2		---	---	---	---	---	0.8
FM4	minnow	29-Jul-97	Baseline	---	75.3		---	---	---	---	---	2.1
LLWM02	water	28-Jul-97	Los Alamos	lower	100.0		---	---	---	---	---	371.7
LLWM03	water	31-Jul-97	Los Alamos	lower	100.0		---	---	---	---	---	426.6
LLWM05	water	12-Aug-97	Los Alamos	lower	100.0		---	---	---	---	---	933.2
LLWM07	water	25-Aug-97	Los Alamos	lower	100.0		---	---	---	---	---	829.0
LLWM09	water	29-Sep-97	Los Alamos	lower	100.0		---	---	---	---	---	787.2
LUWM01	water	28-Jul-97	Los Alamos	upper	100.0		---	---	---	---	---	324.8
LUWM02	water	31-Jul-97	Los Alamos	upper	100.0		---	---	---	---	---	1,869.8
LUWM04	water	12-Aug-97	Los Alamos	upper	100.0		---	---	---	---	---	1,140.7
LUWM06	water	25-Aug-97	Los Alamos	upper	100.0		---	---	---	---	---	1,156.4
LUWM06D	water	25-Aug-97	Los Alamos	upper	100.0		---	---	---	---	---	781.4
LUWM08	water	29-Sep-97	Los Alamos	upper	100.0		---	---	---	---	---	936.7
13018	sediment	20-Aug-96	Los Alamos	lower	41.5		90.8	6.0	3.2	---	0.05	1,368.8
16230	sediment	14-Aug-97	Los Alamos	lower	31.0		92.1	6.1	1.9	7,167	0.05	1,000.0
LALAMOS	sediment	14-Aug-97	Los Alamos	middle	30.2		92.1	6.1	1.9	7,167	---	5,068.6
LLSM1	sediment	31-Jul-97	Los Alamos	lower	48.4		73.8	10.9	15.2	23,677	---	6,811.1
LLSM2	sediment	30-Sep-97	Los Alamos	lower	25.8		89.0	8.5	2.5	10,791	---	4,197.7
LUSM1	sediment	31-Jul-97	Los Alamos	upper	37.7		77.6	18.0	4.4	12,300	---	5,574.1
LUSM2	sediment	30-Sep-97	Los Alamos	upper	27.3		88.5	8.4	3.1	9,433	---	2,395.6
13061	porewater	20-Aug-96	Los Alamos	lower	100.0		---	---	---	---	0.20	53.50
5392 PW1	porewater	14-Aug-97	Los Alamos	middle	100.0		---	---	---	---	---	115.2
FM21	minnow	30-Sep-97	Los Alamos	upper	78.7		---	---	---	---	---	134.2
FM22	minnow	30-Sep-97	Los Alamos	middle	79.7		---	---	---	---	---	100.6
FM23	minnow	30-Sep-97	Los Alamos	lower	78.8		---	---	---	---	---	91.4
FM5	minnow	25-Aug-97	Los Alamos	upper	77.7		---	---	---	---	---	217.0

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	Sample Type	Collection Date	Canyon	Stream Reach	% Moisture	Cases?	SAND	SILT	CLAY	TOC	AG	AL
FM6	minnow	25-Aug-97	Los Alamos	lower	78.8		---	---	---	---	---	201.5
FM7	minnow	25-Aug-97	Los Alamos	middle	77.3		---	---	---	---	---	132.5
IM10O3	caddisfly	12-Aug-97	Los Alamos	middle	78.5	no	---	---	---	---	---	305.0
IM6	caddisfly	12-Aug-97	Los Alamos	middle	30.7	yes	---	---	---	---	---	2,526.5
IM7	caddisfly	12-Aug-97	Los Alamos	middle	79.3	no	---	---	---	---	---	145.4
IM8	caddisfly	12-Aug-97	Los Alamos	middle	79.4	no	---	---	---	---	---	221.3
IM9R2	caddisfly	12-Aug-97	Los Alamos	middle	25.3	yes	---	---	---	---	---	2,700.7
SLWM02	water	28-Jul-97	Sandia	lower	100.0		---	---	---	---	---	89.5
SLWM03	water	31-Jul-97	Sandia	lower	100.0		---	---	---	---	---	215.6
SLWM05	water	11-Aug-97	Sandia	upper	100.0		---	---	---	---	---	92.9
SLWM07	water	25-Aug-97	Sandia	lower	100.0		---	---	---	---	---	172.5
SLWM09	water	29-Sep-97	Sandia	lower	100.0		---	---	---	---	---	129.7
SUWM01	water	28-Jul-97	Sandia	upper	100.0		---	---	---	---	---	250.3
SUWM01D	water	28-Jul-97	Sandia	upper	100.0		---	---	---	---	---	127.8
SUWM02	water	31-Jul-97	Sandia	upper	100.0		---	---	---	---	---	389.3
SUWM04	water	11-Aug-97	Sandia	upper	100.0		---	---	---	---	---	133.1
SUWM06	water	25-Aug-97	Sandia	upper	100.0		---	---	---	---	---	224.4
SUWM08	water	29-Sep-97	Sandia	upper	100.0		---	---	---	---	---	142.2
SUWM08D	water	29-Sep-97	Sandia	upper	100.0		---	---	---	---	---	113.5
13019	sediment	21-Aug-96	Sandia	upper	34.3		88.8	7.3	3.9	8,538	0.28	1,989.1
16231	sediment	11-Aug-97	Sandia	middle	25.1		90.2	6.0	3.8	4,756	0.90	2,000.0
SANDIA	sediment	11-Aug-97	Sandia	middle	17.6		90.2	6.0	3.8	4,756	---	6,668.7
SLSM1	sediment	31-Jul-97	Sandia	lower	25.5		67.1	24.1	8.1	8,950	---	6,971.6
SLSM2	sediment	30-Sep-97	Sandia	lower	23.2		76.2	19.0	4.8	10,111	---	3,683.9
SUSM1	sediment	31-Jul-97	Sandia	upper	27.0		65.0	23.9	11.1	11,883	---	6,675.0
SUSM2	sediment	30-Sep-97	Sandia	upper	22.3		69.1	25.9	5.1	6,774	---	3,540.3
13062	porewater	21-Aug-96	Sandia	upper	100.0		---	---	---	---	0.90	66.75
5393 PW2	porewater	11-Aug-97	Sandia	middle	100.0		---	---	---	---	---	251.5
FM12	minnow	25-Aug-97	Sandia	upper	75.3		---	---	---	---	---	57.1
FM13	minnow	25-Aug-97	Sandia	upper	77.2		---	---	---	---	---	175.5
FM14	minnow	25-Aug-97	Sandia	upper	76.7		---	---	---	---	---	121.8
FM24	minnow	30-Sep-97	Sandia	upper	78.2		---	---	---	---	---	93.2
FM25	minnow	30-Sep-97	Sandia	upper	77.7		---	---	---	---	---	219.7

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	Sample Type	Collection Date	Canyon	Stream Reach	% Moisture	Cases?	SAND	SILT	CLAY	TOC	AG	AL
IM1	caddisfly	11-Aug-97	Sandia	middle	32.3	yes	---	---	---	---	---	2,046.3
IM2R1	caddisfly	11-Aug-97	Sandia	middle	31.4	yes	---	---	---	---	---	1,181.5
IM3O1	caddisfly	11-Aug-97	Sandia	middle	80.3	no	---	---	---	---	---	165.8
IM4	caddisfly	11-Aug-97	Sandia	middle	80.4	no	---	---	---	---	---	153.6
IM5O2	caddisfly	11-Aug-97	Sandia	middle	80.1	no	---	---	---	---	---	155.3
PLWM02	water	28-Jul-97	Pajarito	lower	100.0		---	---	---	---	---	675.9
PLWM03	water	31-Jul-97	Pajarito	lower	100.0		---	---	---	---	---	271.9
PLWM05	water	12-Aug-97	Pajarito	lower	100.0		---	---	---	---	---	3,275.7
PLWM07	water	25-Aug-97	Pajarito	lower	100.0		---	---	---	---	---	539.1
PLWM09	water	01-Oct-97	Pajarito	lower	100.0		---	---	---	---	---	3,606.2
PUWM01	water	28-Jul-97	Pajarito	upper	100.0		---	---	---	---	---	1,556.6
PUWM02	water	31-Jul-97	Pajarito	upper	100.0		---	---	---	---	---	4,167.1
PUWM02D	water	31-Jul-97	Pajarito	upper	100.0		---	---	---	---	---	404.5
PUWM04	water	12-Aug-97	Pajarito	upper	100.0		---	---	---	---	---	3,921.3
PUWM06	water	25-Aug-97	Pajarito	upper	100.0		---	---	---	---	---	14,893.0
PUWM08	water	01-Oct-97	Pajarito	upper	100.0		---	---	---	---	---	3,991.1
13020	sediment	21-Aug-96	Pajarito	middle	29.3		88.4	8.0	3.6	---	0.71	2,361.7
16232	sediment	12-Aug-97	Pajarito	middle	28.6		87.5	9.1	3.4	4,142	0.80	2,000.0
PAJARITO	sediment	12-Aug-97	Pajarito	middle	31.0		87.5	9.1	3.4	4,142	---	8,034.4
PLS1	sediment	30-Jul-97	Pajarito	lower	29.8		92.3	2.7	5.0	10,111	---	3,493.3
PLSM2	sediment	01-Oct-97	Pajarito	lower	18.5		94.3	2.7	3.0	1,318	---	3,734.2
PUS1	sediment	30-Jul-97	Pajarito	upper	25.1		71.9	24.3	3.8	5,531	---	4,538.0
PUSM2	sediment	01-Oct-97	Pajarito	upper	18.5		95.0	2.5	2.5	771	---	5,512.5
13063	porewater	21-Aug-96	Pajarito	middle	100.0		---	---	---	---	0.25	57.05
5394 PW3	porewater	12-Aug-97	Pajarito	middle	100.0		---	---	---	---	---	200.7
FM10	minnow	25-Aug-97	Pajarito	middle	76.8		---	---	---	---	---	132.3
FM26R7	minnow	01-Oct-97	Pajarito	lower	77.0		---	---	---	---	---	86.2
FM27	minnow	01-Oct-97	Pajarito	lower	78.3		---	---	---	---	---	78.9
FM28R8	minnow	01-Oct-97	Pajarito	lower	77.8		---	---	---	---	---	69.2
FM8	minnow	25-Aug-97	Pajarito	lower	75.9		---	---	---	---	---	64.4
FM9	minnow	25-Aug-97	Pajarito	upper	75.3		---	---	---	---	---	187.2
IM11R3	caddisfly	12-Aug-97	Pajarito	middle	27.9	yes	---	---	---	---	---	3,566.8
IM12	caddisfly	12-Aug-97	Pajarito	middle	82.7	no	---	---	---	---	---	204.6

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	Sample Type	Collection Date	Canyon	Stream Reach	% Moisture	Cases?	SAND	SILT	CLAY	TOC	AG	AL
IM13O4	caddisfly	12-Aug-97	Pajarito	middle	80.7	no	---	---	---	---	---	792.6
IM14	caddisfly	12-Aug-97	Pajarito	middle	83.1	no	---	---	---	---	---	220.0
IM15R4	caddisfly	12-Aug-97	Pajarito	middle	30.5	yes	---	---	---	---	---	5,100.9
VLWM02	water	28-Jul-97	Valle	lower	100.0		---	---	---	---	---	201.8
VLWM03	water	31-Jul-97	Valle	lower	100.0		---	---	---	---	---	289.8
VLWM05	water	13-Aug-97	Valle	lower	100.0		---	---	---	---	---	755.7
VLWM07	water	25-Aug-97	Valle	lower	100.0		---	---	---	---	---	645.9
VLWM09	water	29-Sep-97	Valle	lower	100.0		---	---	---	---	---	1,008.8
VUWM01	water	28-Jul-97	Valle	upper	100.0		---	---	---	---	---	283.3
VUWM02	water	31-Jul-97	Valle	upper	100.0		---	---	---	---	---	625.3
VUWM04	water	13-Aug-97	Valle	upper	100.0		---	---	---	---	---	1,003.8
VUWM04D	water	13-Aug-97	Valle	upper	100.0		---	---	---	---	---	1,167.3
VUWM06	water	25-Aug-97	Valle	upper	100.0		---	---	---	---	---	1,720.1
VUWM08	water	29-Sep-97	Valle	upper	100.0		---	---	---	---	---	1,441.9
13021	sediment	21-Aug-96	Valle	middle	34.0		90.1	6.6	3.3	---	0.61	4,611.7
16233	sediment	13-Aug-97	Valle	middle	26.8		89.3	7.0	3.6	3,738	0.40	2,000.0
VALLE	sediment	13-Aug-97	Valle	middle	20.4		89.3	7.0	3.6	3,738	---	6,330.8
VLS1	sediment	30-Jul-97	Valle	lower	25.3		90.9	6.0	3.1	3,820	---	3,823.7
VLSM2	sediment	29-Sep-97	Valle	lower	16.7		80.5	13.2	6.3	3,299	---	4,342.5
VUS1	sediment	30-Jul-97	Valle	upper	34.9		83.9	10.7	5.4	7,159	---	4,949.8
VUSM2	sediment	29-Sep-97	Valle	upper	37.9		80.0	12.4	7.6	11,039	---	5,760.2
13064	porewater	21-Aug-96	Valle	middle	100.0		---	---	---	---	0.10	72.65
5395 PW4	porewater	13-Aug-97	Valle	middle	100.0		---	---	---	---	---	98.8
FM15	minnow	25-Aug-97	Valle	upper	77.7		---	---	---	---	---	161.0
FM16	minnow	25-Aug-97	Valle	upper	78.1		---	---	---	---	---	549.6
FM17	minnow	25-Aug-97	Valle	upper	79.0		---	---	---	---	---	287.6
FM18	minnow	29-Sep-97	Valle	middle	80.5		---	---	---	---	---	442.3
FM19	minnow	29-Sep-97	Valle	upper	80.4		---	---	---	---	---	665.8
FM20	minnow	29-Sep-97	Valle	upper	82.0		---	---	---	---	---	455.8
IM17	caddisfly	13-Aug-97	Valle	middle	45.3	yes	---	---	---	---	---	2,522.6
IM18O5	caddisfly	13-Aug-97	Valle	middle	82.1	no	---	---	---	---	---	128.9

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	AS	AU	BA	BE	B	CA	CD	CE	CO	CR	CS	CU	DY	ER	EU	FE
BLANKWM0	< 21.5	---	1.6	< 0.34	< 19.27	---	< 1.47	---	---	9.18	---	< 2.15	---	---	---	76.3
BLANKWM0	< 21.5	---	< 0.8	0.44	< 19.27	---	2.74	---	---	5.58	---	3.22	---	---	---	9.9
BLKWM02	< 21.5	---	< 0.8	< 0.34	< 19.27	---	< 1.47	---	---	3.43	---	2.32	---	---	---	5.6
BLKWM04	< 21.5	---	< 0.8	< 0.34	< 19.27	---	< 1.47	---	---	< 2.49	---	< 2.15	---	---	---	1.3
BLKWM04-	< 21.5	---	< 0.8	0.36	< 19.27	---	< 1.47	---	---	< 2.49	---	< 2.15	---	---	---	1.3
FM1	< 1.49	---	9.4	< 0.03	1.93	---	0.38	---	---	12.44	---	4.90	---	---	---	129.0
FM2	< 1.49	---	8.8	< 0.03	< 1.30	---	0.36	---	---	2.81	---	4.23	---	---	---	90.0
FM3	< 1.49	---	9.7	< 0.03	2.22	---	0.34	---	---	6.86	---	3.99	---	---	---	110.9
FM4	< 1.49	---	13.7	< 0.03	1.56	---	0.43	---	---	4.65	---	4.72	---	---	---	102.7
LLWM02	< 21.5	---	19.9	< 0.34	< 19.27	---	< 1.47	---	---	< 2.49	---	< 2.15	---	---	---	126.2
LLWM03	< 21.5	---	23.9	< 0.34	< 19.27	---	< 1.47	---	---	5.89	---	3.26	---	---	---	134.5
LLWM05	< 21.5	---	28.9	< 0.34	< 19.27	---	< 1.47	---	---	< 2.49	---	< 2.15	---	---	---	298.8
LLWM07	< 21.5	---	27.7	< 0.34	< 19.27	---	2.43	---	---	< 2.49	---	< 2.15	---	---	---	258.9
LLWM09	< 21.5	---	28.8	0.48	< 19.27	---	3.45	---	---	7.04	---	3.75	---	---	---	245.2
LUWM01	< 21.5	---	19.6	< 0.34	< 19.27	---	< 1.47	---	---	< 2.49	---	< 2.15	---	---	---	110.4
LUWM02	< 21.5	---	28.9	< 0.34	< 19.27	---	1.58	---	---	3.65	---	2.52	---	---	---	559.5
LUWM04	< 21.5	---	29.4	< 0.34	< 19.27	---	< 1.47	---	---	< 2.49	---	< 2.15	---	---	---	362.6
LUWM06	< 21.5	---	28.9	0.39	< 19.27	---	2.78	---	---	< 2.49	---	< 2.15	---	---	---	362.8
LUWM06D	< 21.5	---	28.4	< 0.34	< 19.27	---	1.63	---	---	< 2.49	---	< 2.15	---	---	---	244.8
LUWM08	< 21.5	---	28.9	0.48	< 19.27	---	3.64	---	---	8.35	---	5.55	---	---	---	288.0
13018	1.01	0.03	13.8	---	---	193.5	0.05	12.3	0.4	0.5	0.34	0.76	1.33	0.57	0.03	1,841.0
16230	0.50	0.05	20.0	---	---	500.0	0.05	20.0	0.6	2	0.50	1.00	2.00	0.80	0.05	2,000.0
LALAMOS	0.87	---	40.7	0.65	0.96	---	0.16	---	---	4.16	---	3.03	---	---	---	4,803.2
LLSM1	0.80	---	68.6	1.13	1.64	---	< 0.19	---	---	6.08	---	4.93	---	---	---	6,200.7
LLSM2	0.82	---	38.3	0.78	1.19	---	< 0.19	---	---	3.62	---	2.88	---	---	---	4,737.6
LUSM1	0.86	---	45.2	0.85	1.52	---	0.10	---	---	5.8	---	4.44	---	---	---	7,284.1
LUSM2	0.85	---	19.3	0.52	2.10	---	0.10	---	---	3.5	---	1.74	---	---	---	3,621.8
13061	0.35	0.05	76.9	---	---	6,223.5	7.25	0.3	0.4	10.75	0.05	2.15	0.05	< 0.001	< 0.001	0.01
5392 PW1	< 21.5	---	29.0	0.41	< 19.27	---	4.36	---	---	7.17	---	4.91	---	---	---	39.3
FM21	< 1.49	---	14.9	< 0.03	2.83	---	0.58	---	---	7.21	---	5.31	---	---	---	156.6
FM22	< 1.49	---	15.4	< 0.03	2.96	---	0.44	---	---	6.07	---	5.13	---	---	---	138.7
FM23	< 1.49	---	15.0	< 0.03	2.40	---	0.35	---	---	8.11	---	4.97	---	---	---	135.9
FM5	< 1.49	---	12.8	< 0.03	2.45	---	0.49	---	---	6.98	---	5.09	---	---	---	195.8

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	AS	AU	BA	BE	B	CA	CD	CE	CO	CR	CS	CU	DY	ER	EU	FE
FM6	< 1.49	---	15.0	< 0.03	2.99	---	0.41	---	---	6.24	---	5.15	---	---	---	194.4
FM7	< 1.49	---	12.7	< 0.03	2.73	---	0.44	---	---	4.59	---	4.64	---	---	---	141.9
IM10O3	< 1.72	---	49.7	0.03	2.88	---	0.45	---	---	36.17	---	15.06	---	---	---	542.6
IM6	0.90	---	32.9	0.51	1.54	---	0.17	---	---	8.09	---	5.00	---	---	---	3,270.9
IM7	< 1.83	---	51.0	< 0.03	4.18	---	0.39	---	---	3.67	---	15.08	---	---	---	170.6
IM8	< 1.83	---	51.7	< 0.03	2.67	---	0.37	---	---	10.72	---	15.63	---	---	---	246.4
IM9R2	0.94	---	27.3	0.42	1.32	---	0.14	---	---	6.68	---	4.92	---	---	---	3,217.5
SLWM02	< 21.5	---	19.8	< 0.34	60.77	---	1.69	---	---	6.03	---	6.06	---	---	---	248.7
SLWM03	< 21.5	---	17.0	< 0.34	39.84	---	3.15	---	---	7.92	---	5.71	---	---	---	181.5
SLWM05	< 21.5	---	32.1	< 0.34	65.92	---	1.52	---	---	8.22	---	4.53	---	---	---	425.5
SLWM07	< 21.5	---	27.9	0.40	58.87	---	1.68	---	---	6.31	---	4.06	---	---	---	221.8
SLWM09	< 21.5	---	24.6	0.42	73.16	---	4.35	---	---	13.58	---	9.34	---	---	---	351.7
SUWM01	< 21.5	---	20.6	< 0.34	51.43	---	2.12	---	---	11.76	---	9.52	---	---	---	391.9
SUWM01D	< 21.5	---	19.7	< 0.34	50.28	---	2.54	---	---	9.34	---	6.99	---	---	---	289.1
SUWM02	< 21.5	---	20.9	< 0.34	47.88	---	2.30	---	---	8.16	---	6.73	---	---	---	332.8
SUWM04	< 21.5	---	31.2	0.37	69.59	---	2.78	---	---	10.74	---	6.27	---	---	---	540.3
SUWM06	< 21.5	---	36.5	< 0.34	60.20	---	2.45	---	---	6.71	---	4.74	---	---	---	361.1
SUWM08	< 21.5	---	32.4	< 0.34	73.44	---	3.92	---	---	11.62	---	9.57	---	---	---	692.7
SUWM08D	< 21.5	---	32.4	0.39	78.77	---	3.37	---	---	11.55	---	14.61	---	---	---	585.0
13019	1.46	0.04	23.0	---	---	336.3	0.06	16.5	1.0	15.96	0.43	2.37	1.34	0.56	0.08	3,157.6
16231	0.80	0.20	30.0	---	---	400.0	0.05	20.0	0.6	50	0.50	4.00	0.90	0.40	0.05	2,000.0
SANDIA	0.85	---	69.7	0.56	1.53	---	0.35	---	---	183.43	---	13.36	---	---	---	9,358.6
SLSM1	0.85	---	93.4	0.77	2.31	---	0.54	---	---	198.91	---	19.21	---	---	---	13,762.0
SLSM2	0.80	---	59.8	0.51	1.28	---	0.36	---	---	143.58	---	10.39	---	---	---	7,195.9
SUSM1	0.80	---	67.2	0.74	3.60	---	0.41	---	---	99.02	---	11.09	---	---	---	11,473.0
SUSM2	0.78	---	46.4	0.57	1.22	---	0.37	---	---	107.2	---	8.20	---	---	---	8,748.8
13062	2.40	0.35	118.1	---	---	15,957.2	6.15	0.4	0.5	17.35	0.05	7.10	0.05	< 0.001	< 0.001	55.15
5393 PW2	< 21.5	---	76.9	< 0.34	68.26	---	4.91	---	---	16.42	---	9.45	---	---	---	173.3
FM12	< 1.49	---	9.9	< 0.03	1.30	---	0.60	---	---	4.59	---	6.54	---	---	---	129.3
FM13	< 1.49	---	15.4	< 0.03	7.93	---	0.71	---	---	10.14	---	8.19	---	---	---	241.4
FM14	< 1.49	---	10.9	< 0.03	1.13	---	0.60	---	---	6.58	---	6.49	---	---	---	203.7
FM24	< 1.49	---	17.3	< 0.03	0.98	---	0.31	---	---	11.59	---	5.61	---	---	---	202.8
FM25	< 1.49	---	19.0	< 0.03	9.84	---	0.42	---	---	11.95	---	7.58	---	---	---	334.2

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	AS	AU	BA	BE	B	CA	CD	CE	CO	CR	CS	CU	DY	ER	EU	FE
IM1	0.80	---	78.7	0.12	1.51	---	0.33	---	---	32.74	---	5.59	---	---	---	3,460.7
IM2R1	0.70	---	62.9	0.09	1.04	---	0.27	---	---	22.02	---	4.67	---	---	---	1,916.1
IM3O1	< 1.89	---	101.5	< 0.03	3.42	---	0.67	---	---	32.69	---	18.40	---	---	---	504.5
IM4	< 1.92	---	93.7	< 0.03	3.14	---	0.65	---	---	9.84	---	18.46	---	---	---	344.7
IM5O2	< 1.8	---	95.6	< 0.03	2.54	---	0.60	---	---	11.63	---	17.73	---	---	---	419.8
PLWM02	< 21.5	---	32.9	< 0.34	< 19.27	---	1.78	---	---	4.33	---	2.88	---	---	---	252.7
PLWM03	< 21.5	---	32.9	0.35	< 19.27	---	1.55	---	---	1.46	---	2.38	---	---	---	129.2
PLWM05	< 21.5	---	49.8	0.43	< 19.27	---	2.90	---	---	5.89	---	2.91	---	---	---	1,342.8
PLWM07	< 21.5	---	46.9	< 0.34	< 19.27	---	1.96	---	---	< 2.49	---	3.16	---	---	---	298.9
PLWM09	< 21.5	---	51.9	0.43	< 19.27	---	2.35	---	---	3.9	---	6.15	---	---	---	1,522.0
PUWM01	< 21.5	---	35.2	< 0.34	< 19.27	---	< 1.47	---	---	4.42	---	2.71	---	---	---	600.4
PUWM02	< 21.5	---	48.5	0.36	< 19.27	---	1.89	---	---	4.5	---	2.78	---	---	---	1,701.9
PUWM02D	< 21.5	---	36.8	< 0.34	< 19.27	---	< 1.47	---	---	1.47	---	< 2.15	---	---	---	176.1
PUWM04	< 21.5	---	52.4	0.48	< 19.27	---	2.71	---	---	8.62	---	5.42	---	---	---	1,587.5
PUWM06	< 21.5	---	87.7	0.65	< 19.27	---	2.62	---	---	6.11	---	3.13	---	---	---	6,244.5
PUWM08	< 21.5	---	52.4	0.52	< 19.27	---	2.52	---	---	4.4	---	9.37	---	---	---	1,640.0
13020	2.93	0.02	72.9	---	---	405.2	0.01	23.7	4.4	0.5	0.36	3.34	1.52	0.67	0.16	5,600.4
16232	3.00	0.05	80.0	---	---	500.0	0.05	30.0	10.0	3	0.50	4.00	2.00	0.70	0.20	4,000.0
PAJARITO	0.85	---	81.2	0.70	1.01	---	0.44	---	---	7.58	---	9.56	---	---	---	9,804.5
PLS1	3.46	---	44.3	0.55	0.91	---	0.42	---	---	3.74	---	9.63	---	---	---	5,858.5
PLSM2	0.85	---	47.2	0.51	1.96	---	0.50	---	---	5.32	---	6.66	---	---	---	6,843.0
PUS1	0.83	---	72.9	0.58	1.06	---	0.10	---	---	4.8	---	3.46	---	---	---	8,043.4
PUSM2	0.83	---	51.1	0.80	1.08	---	0.20	---	---	4.86	---	3.95	---	---	---	9,827.7
13063	0.30	1.10	55.7	---	---	8,711.5	4.90	0.4	0.9	44.25	< 0.001	3.40	0.05	0.05	< 0.001	137.20
5394 PW3	< 21.5	---	130.6	0.51	< 19.27	---	5.36	---	---	10.48	---	11.52	---	---	---	58.1
FM10	< 1.49	---	14.2	< 0.03	1.84	---	0.53	---	---	14.36	---	5.75	---	---	---	207.7
FM26R7	< 1.49	---	15.6	< 0.03	2.94	---	0.62	---	---	4.15	---	5.78	---	---	---	127.9
FM27	< 1.49	---	16.4	< 0.03	1.72	---	1.03	---	---	4.41	---	6.02	---	---	---	129.8
FM28R8	< 1.49	---	16.5	< 0.03	2.13	---	1.13	---	---	5.33	---	5.79	---	---	---	127.4
FM8	< 1.49	---	12.0	< 0.03	2.73	---	0.86	---	---	4.18	---	4.91	---	---	---	112.4
FM9	< 1.49	---	60.1	< 0.03	1.86	---	0.61	---	---	9.05	---	5.65	---	---	---	220.1
IM11R3	3.26	---	60.2	0.35	1.55	---	0.29	---	---	6.02	---	3.85	---	---	---	8,951.7
IM12	< 2.18	---	82.1	< 0.03	2.66	---	0.39	---	---	8.38	---	15.90	---	---	---	337.6

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	AS	AU	BA	BE	B	CA	CD	CE	CO	CR	CS	CU	DY	ER	EU	FE
IM13O4	< 1.96	---	79.0	0.10	3.65	---	0.33	---	---	31.33	---	15.23	---	---	---	2,171.5
IM14	< 2.29	---	99.6	< 0.04	3.61	---	0.33	---	---	15.98	---	17.12	---	---	---	348.4
IM15R4	3.67	---	105.7	0.49	1.94	---	0.35	---	---	6.81	---	5.18	---	---	---	9,673.0
VLWM02	< 21.5	---	3,025.0	< 0.34	< 19.27	---	< 1.47	---	---	4.16	---	< 2.15	---	---	---	140.5
VLWM03	< 21.5	---	3,371.5	< 0.34	37.15	---	1.68	---	---	4.62	---	2.62	---	---	---	179.0
VLWM05	< 21.5	---	3,194.7	0.42	27.48	---	3.50	---	---	9.7	---	6.65	---	---	---	353.9
VLWM07	< 21.5	---	4,990.5	< 0.34	103.68	---	2.15	---	---	< 2.49	---	2.19	---	---	---	304.7
VLWM09	< 21.5	---	3,779.0	< 0.34	34.37	---	2.38	---	---	50.29	---	5.02	---	---	---	798.6
VUWM01	< 21.5	---	2,229.0	< 0.34	< 19.27	---	1.98	---	---	4.16	---	2.22	---	---	---	227.4
VUWM02	< 21.5	---	2,396.7	< 0.34	< 19.27	---	< 1.47	---	---	5.04	---	3.14	---	---	---	359.1
VUWM04	< 21.5	---	2,688.9	0.44	< 19.27	---	3.75	---	---	10.65	---	6.48	---	---	---	472.8
VUWM04D	< 21.5	---	2,735.0	0.39	< 19.27	---	4.07	---	---	8.91	---	5.04	---	---	---	551.3
VUWM06	< 21.5	---	4,239.6	< 0.34	20.97	---	1.52	---	---	< 2.49	---	< 2.15	---	---	---	803.5
VUWM08	< 21.5	---	3,403.0	0.39	< 19.27	---	2.44	---	---	4.14	---	2.35	---	---	---	658.6
13021	2.76	0.02	1,906.4	---	---	911.8	0.05	43.0	2.5	0.5	0.58	12.38	2.72	1.04	0.45	6,932.3
16233	1.00	0.05	500.0	---	---	500.0	0.10	20.0	1.0	3	0.50	8.00	2.00	0.70	0.20	3,000.0
VALLE	0.85	---	803.6	0.54	1.51	---	0.16	---	---	5.85	---	11.66	---	---	---	8,199.3
VLS1	0.82	---	573.3	0.56	< 2.65	---	0.29	---	---	4.11	---	78.75	---	---	---	9,507.8
VLSM2	0.81	---	518.2	0.53	1.32	---	0.22	---	---	3.64	---	12.09	---	---	---	7,632.2
VUS1	0.78	---	842.1	0.76	1.71	---	0.35	---	---	6.36	---	11.09	---	---	---	12,640.0
VUSM2	0.80	---	2,009.4	0.74	2.22	---	0.43	---	---	8.08	---	31.44	---	---	---	9,839.0
13064	0.01	0.40	3,781.7	---	---	11,233.2	3.30	0.4	0.4	11.85	< 0.001	2.95	0.05	0.05	0.50	0.01
5395 PW4	< 21.5	---	3,579.5	0.37	37.12	---	3.81	---	---	8.04	---	7.85	---	---	---	43.8
FM15	< 1.49	---	313.9	< 0.03	7.02	---	0.43	---	---	8.23	---	7.67	---	---	---	233.9
FM16	< 1.49	---	370.5	< 0.03	2.23	---	0.46	---	---	18.99	---	8.10	---	---	---	565.3
FM17	< 1.49	---	300.7	< 0.03	3.11	---	0.47	---	---	13.55	---	7.07	---	---	---	354.0
FM18	< 1.49	---	603.9	< 0.03	2.73	---	0.51	---	---	18.44	---	7.08	---	---	---	454.6
FM19	< 1.49	---	819.5	< 0.03	3.35	---	0.53	---	---	9.81	---	7.45	---	---	---	555.6
FM20	< 1.49	---	828.5	< 0.03	4.16	---	0.71	---	---	39.53	---	9.00	---	---	---	617.2
IM17	2.13	---	1,242.7	0.23	2.55	---	0.43	---	---	4.42	---	10.59	---	---	---	5,603.3
IM18O5	< 4.56	---	3,117.0	< 0.07	4.86	---	0.54	---	---	7.42	---	23.26	---	---	---	243.3

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	GA	GD	GE	HF	HO	HG	IN	IR	K	LA	LI	LU	MG	MN	MO	NA
BLANKWM0	---	---	---	---	---	---	---	---	---	---	---	---	18.1	2.4	< 3.97	---
BLANKWM0	---	---	---	---	---	---	---	---	---	---	---	---	77.6	< 1.59	< 3.97	---
BLKWM02	---	---	---	---	---	---	---	---	---	---	---	---	47.1	< 1.59	< 3.97	---
BLKWM04	---	---	---	---	---	---	---	---	---	---	---	---	18.1	< 1.59	< 3.97	---
BLKWM04-	---	---	---	---	---	---	---	---	---	---	---	---	18.1	< 1.59	< 3.97	---
FM1	---	---	---	---	---	0.13	---	---	---	---	---	---	1,158.0	3.2	1.09	---
FM2	---	---	---	---	---	0.08	---	---	---	---	---	---	1,133.5	2.8	< 0.27	---
FM3	---	---	---	---	---	0.06	---	---	---	---	---	---	1,177.6	3.4	0.56	---
FM4	---	---	---	---	---	0.09	---	---	---	---	---	---	1,238.1	2.9	0.33	---
LLWM02	---	---	---	---	---	---	---	---	---	---	---	---	3,151.8	1.6	< 3.97	---
LLWM03	---	---	---	---	---	---	---	---	---	---	---	---	3,044.8	2.4	< 3.97	---
LLWM05	---	---	---	---	---	---	---	---	---	---	---	---	3,446.8	2.7	< 3.97	---
LLWM07	---	---	---	---	---	---	---	---	---	---	---	---	3,170.3	2.9	< 3.97	---
LLWM09	---	---	---	---	---	---	---	---	---	---	---	---	3,422.0	13.5	< 3.97	---
LUWM01	---	---	---	---	---	---	---	---	---	---	---	---	3,124.5	0.8	< 3.97	---
LUWM02	---	---	---	---	---	---	---	---	---	---	---	---	3,106.3	10.7	< 3.97	---
LUWM04	---	---	---	---	---	---	---	---	---	---	---	---	3,437.7	3.2	< 3.97	---
LUWM06	---	---	---	---	---	---	---	---	---	---	---	---	3,254.0	3.3	< 3.97	---
LUWM06D	---	---	---	---	---	---	---	---	---	---	---	---	3,226.6	2.7	< 3.97	---
LUWM08	---	---	---	---	---	---	---	---	---	---	---	---	3,384.2	3.6	< 3.97	---
13018	1.00	1.55	0.04	0.23	0.22	---	0.03	< 0.001	426.6	7.24	6.1	0.10	168.8	56.1	0.11	175.5
16230	2.00	2.00	0.05	0.20	30.00	---	0.50	< 0.001	200.0	8.00	4.0	0.10	100.0	100.0	0.40	70.0
LALAMOS	---	---	---	---	---	< 0.10	---	---	---	---	---	---	556.2	231.7	0.37	---
LLSM1	---	---	---	---	---	< 0.16	---	---	---	---	---	---	821.7	197.6	0.42	---
LLSM2	---	---	---	---	---	< 0.12	---	---	---	---	---	---	498.4	170.8	0.25	---
LUSM1	---	---	---	---	---	< 0.14	---	---	---	---	---	---	720.6	211.1	0.39	---
LUSM2	---	---	---	---	---	< 0.12	---	---	---	---	---	---	408.9	102.7	0.25	---
13061	0.85	0.05	0.50	< 0.001	< 0.001	---	< 0.001	< 0.001	2,258.4	0.15	4.4	< 0.001	2,021.1	118.5	0.25	5,142.8
5392 PW1	---	---	---	---	---	---	---	---	---	---	---	---	2,889.4	127.3	< 3.97	---
FM21	---	---	---	---	---	0.09	---	---	---	---	---	---	1,345.2	7.7	< 0.33	---
FM22	---	---	---	---	---	0.10	---	---	---	---	---	---	1,398.2	6.3	0.56	---
FM23	---	---	---	---	---	0.12	---	---	---	---	---	---	1,325.5	6.1	0.44	---
FM5	---	---	---	---	---	0.09	---	---	---	---	---	---	1,272.3	9.2	0.65	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	GA	GD	GE	HF	HO	HG	IN	IR	K	LA	LI	LU	MG	MN	MO	NA
FM6	---	---	---	---	---	0.09	---	---	---	---	---	---	1,380.8	10.2	< 0.34	---
FM7	---	---	---	---	---	0.11	---	---	---	---	---	---	1,263.9	7.4	< 0.34	---
IM10O3	---	---	---	---	---	< 0.06	---	---	---	---	---	---	1,429.6	148.6	4.05	---
IM6	---	---	---	---	---	< 0.02	---	---	---	---	---	---	642.5	194.5	0.41	---
IM7	---	---	---	---	---	< 0.07	---	---	---	---	---	---	1,498.0	153.9	0.80	---
IM8	---	---	---	---	---	< 0.06	---	---	---	---	---	---	1,472.3	140.0	1.19	---
IM9R2	---	---	---	---	---	< 0.02	---	---	---	---	---	---	692.2	168.9	0.50	---
SLWM02	---	---	---	---	---	---	---	---	---	---	---	---	5,527.0	35.7	43.43	---
SLWM03	---	---	---	---	---	---	---	---	---	---	---	---	3,489.2	23.8	25.36	---
SLWM05	---	---	---	---	---	---	---	---	---	---	---	---	6,973.4	49.2	42.83	---
SLWM07	---	---	---	---	---	---	---	---	---	---	---	---	4,921.9	37.5	75.96	---
SLWM09	---	---	---	---	---	---	---	---	---	---	---	---	6,098.1	36.9	257.58	---
SUWM01	---	---	---	---	---	---	---	---	---	---	---	---	4,935.0	42.2	27.31	---
SUWM01D	---	---	---	---	---	---	---	---	---	---	---	---	5,065.1	41.3	29.10	---
SUWM02	---	---	---	---	---	---	---	---	---	---	---	---	4,009.9	33.1	27.46	---
SUWM04	---	---	---	---	---	---	---	---	---	---	---	---	6,128.3	67.9	47.01	---
SUWM06	---	---	---	---	---	---	---	---	---	---	---	---	5,196.1	60.8	77.60	---
SUWM08	---	---	---	---	---	---	---	---	---	---	---	---	6,868.3	73.0	260.87	---
SUWM08D	---	---	---	---	---	---	---	---	---	---	---	---	6,846.8	71.2	260.87	---
13019	1.41	1.57	0.03	0.20	0.21	---	0.02	< 0.001	500.4	8.44	6.2	0.09	276.7	81.0	0.65	151.1
16231	2.00	1.00	0.05	0.10	30.00	---	0.50	< 0.001	200.0	8.00	2.0	0.05	200.0	100.0	0.80	80.0
SANDIA	---	---	---	---	---	< 0.12	---	---	---	---	---	---	945.3	397.6	1.08	---
SLSM1	---	---	---	---	---	< 0.21	---	---	---	---	---	---	1,736.3	457.0	1.88	---
SLSM2	---	---	---	---	---	< 0.12	---	---	---	---	---	---	617.1	254.5	1.14	---
SUSM1	---	---	---	---	---	0.11	---	---	---	---	---	---	1,080.3	318.6	6.80	---
SUSM2	---	---	---	---	---	0.10	---	---	---	---	---	---	586.1	271.0	0.97	---
13062	1.05	0.05	0.70	< 0.001	< 0.001	---	< 0.001	< 0.001	8,279.8	0.15	18.4	< 0.001	3,963.3	352.5	48.40	55,991.9
5393 PW2	---	---	---	---	---	---	---	---	---	---	---	---	6,204.1	1,181.4	53.28	---
FM12	---	---	---	---	---	0.18	---	---	---	---	---	---	135.4	20.1	< 0.53	---
FM13	---	---	---	---	---	0.40	---	---	---	---	---	---	1,644.2	44.7	< 1.03	---
FM14	---	---	---	---	---	0.17	---	---	---	---	---	---	1,411.6	36.3	0.50	---
FM24	---	---	---	---	---	0.15	---	---	---	---	---	---	1,533.0	41.0	1.30	---
FM25	---	---	---	---	---	0.14	---	---	---	---	---	---	1,595.0	76.9	1.08	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	GA	GD	GE	HF	HO	HG	IN	IR	K	LA	LI	LU	MG	MN	MO	NA
IM1	---	---	---	---	---	< 0.02	---	---	---	---	---	---	595.9	1,486.9	4.14	---
IM2R1	---	---	---	---	---	< 0.02	---	---	---	---	---	---	328.5	1,343.5	3.25	---
IM3O1	---	---	---	---	---	< 0.07	---	---	---	---	---	---	1,555.1	940.0	45.53	---
IM4	---	---	---	---	---	< 0.06	---	---	---	---	---	---	1,569.9	784.8	43.05	---
IM5O2	---	---	---	---	---	< 0.05	---	---	---	---	---	---	1,519.6	857.1	41.77	---
PLWM02	---	---	---	---	---	---	---	---	---	---	---	---	3,134.0	3.1	< 3.97	---
PLWM03	---	---	---	---	---	---	---	---	---	---	---	---	2,774.7	4.3	< 3.97	---
PLWM05	---	---	---	---	---	---	---	---	---	---	---	---	3,986.9	9.0	< 3.97	---
PLWM07	---	---	---	---	---	---	---	---	---	---	---	---	3,717.9	4.5	< 3.97	---
PLWM09	---	---	---	---	---	---	---	---	---	---	---	---	3,959.2	10.2	< 3.97	---
PUWM01	---	---	---	---	---	---	---	---	---	---	---	---	2,929.2	11.9	< 3.97	---
PUWM02	---	---	---	---	---	---	---	---	---	---	---	---	3,409.8	15.1	< 3.97	---
PUWM02D	---	---	---	---	---	---	---	---	---	---	---	---	3,119.6	4.4	< 3.97	---
PUWM04	---	---	---	---	---	---	---	---	---	---	---	---	4,017.1	12.5	< 3.97	---
PUWM06	---	---	---	---	---	---	---	---	---	---	---	---	5,069.8	29.9	< 3.97	---
PUWM08	---	---	---	---	---	---	---	---	---	---	---	---	4,032.9	15.0	< 3.97	---
13020	1.74	1.99	0.04	0.36	0.24	---	0.02	< 0.001	608.7	12.08	3.8	0.11	283.3	347.9	0.53	208.5
16232	3.00	2.00	0.05	0.30	40.00	---	0.50	< 0.001	200.0	10.00	2.0	0.10	300.0	400.0	0.80	100.0
PAJARITO	---	---	---	---	---	< 0.12	---	---	---	---	---	---	1,158.8	558.1	0.37	---
PLS1	---	---	---	---	---	< 0.12	---	---	---	---	---	---	582.4	210.6	0.33	---
PLSM2	---	---	---	---	---	< 0.10	---	---	---	---	---	---	608.6	300.0	0.42	---
PUS1	---	---	---	---	---	< 0.08	---	---	---	---	---	---	720.8	458.4	0.28	---
PUSM2	---	---	---	---	---	< 0.08	---	---	---	---	---	---	725.3	384.6	0.05	---
13063	1.10	0.05	0.75	< 0.001	< 0.001	---	< 0.001	< 0.001	2,165.0	0.20	1.7	< 0.001	2,720.8	125.3	1.10	8,927.1
5394 PW3	---	---	---	---	---	---	---	---	---	---	---	---	3,056.0	613.3	< 3.97	---
FM10	---	---	---	---	---	< 0.06	---	---	---	---	---	---	1,253.8	11.4	1.09	---
FM26R7	---	---	---	---	---	0.10	---	---	---	---	---	---	1,306.8	9.7	0.33	---
FM27	---	---	---	---	---	< 0.06	---	---	---	---	---	---	1,334.6	9.9	< 0.31	---
FM28R8	---	---	---	---	---	0.17	---	---	---	---	---	---	1,288.9	10.0	< 0.32	---
FM8	---	---	---	---	---	0.09	---	---	---	---	---	---	1,225.4	7.2	< 0.29	---
FM9	---	---	---	---	---	0.07	---	---	---	---	---	---	1,187.0	25.2	0.94	---
IM11R3	---	---	---	---	---	< 0.01	---	---	---	---	---	---	693.9	624.9	0.70	---
IM12	---	---	---	---	---	< 0.06	---	---	---	---	---	---	1,797.5	204.4	0.88	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	GA	GD	GE	HF	HO	HG	IN	IR	K	LA	LI	LU	MG	MN	MO	NA
IM13O4	---	---	---	---	---	< 0.07	---	---	---	---	---	---	1,618.5	252.0	4.14	---
IM14	---	---	---	---	---	< 0.08	---	---	---	---	---	---	1,851.3	248.4	2.04	---
IM15R4	---	---	---	---	---	< 0.01	---	---	---	---	---	---	1,229.4	938.2	0.77	---
VLWM02	---	---	---	---	---	---	---	---	---	---	---	---	5,396.9	4.3	< 3.97	---
VLWM03	---	---	---	---	---	---	---	---	---	---	---	---	4,927.6	5.6	< 3.97	---
VLWM05	---	---	---	---	---	---	---	---	---	---	---	---	5,602.6	1.9	< 3.97	---
VLWM07	---	---	---	---	---	---	---	---	---	---	---	---	5,313.6	10.0	< 3.97	---
VLWM09	---	---	---	---	---	---	---	---	---	---	---	---	5,696.4	18.0	< 3.97	---
VUWM01	---	---	---	---	---	---	---	---	---	---	---	---	5,359.0	54.4	< 3.97	---
VUWM02	---	---	---	---	---	---	---	---	---	---	---	---	4,993.8	61.0	< 3.97	---
VUWM04	---	---	---	---	---	---	---	---	---	---	---	---	5,503.9	30.6	< 3.97	---
VUWM04D	---	---	---	---	---	---	---	---	---	---	---	---	5,539.0	31.0	< 3.97	---
VUWM06	---	---	---	---	---	---	---	---	---	---	---	---	5,318.1	88.3	< 3.97	---
VUWM08	---	---	---	---	---	---	---	---	---	---	---	---	5,530.0	25.4	< 3.97	---
13021	3.40	3.57	0.09	0.54	0.43	---	0.06	< 0.001	1,054.5	21.93	9.8	0.19	776.0	405.8	0.29	416.2
16233	3.00	2.00	0.05	0.20	30.00	---	0.50	< 0.001	500.0	10.00	5.0	0.10	500.0	200.0	0.50	60.0
VALLE	---	---	---	---	---	< 0.08	---	---	---	---	---	---	991.5	309.0	0.33	---
VLS1	---	---	---	---	---	< 0.10	---	---	---	---	---	---	648.5	287.2	0.35	---
VLSM2	---	---	---	---	---	< 0.08	---	---	---	---	---	---	522.9	203.7	0.36	---
VUS1	---	---	---	---	---	< 0.10	---	---	---	---	---	---	1,099.1	802.9	0.57	---
VUSM2	---	---	---	---	---	< 0.12	---	---	---	---	---	---	1,120.5	585.3	0.46	---
13064	1.00	0.05	0.50	< 0.001	< 0.001	---	< 0.001	< 0.001	2,090.2	0.20	3.1	0.05	3,098.4	217.2	0.80	12,887.3
5395 PW4	---	---	---	---	---	---	---	---	---	---	---	---	4,894.2	811.2	< 3.97	---
FM15	---	---	---	---	---	0.11	---	---	---	---	---	---	1,547.2	25.5	< 0.68	---
FM16	---	---	---	---	---	0.11	---	---	---	---	---	---	1,469.6	40.2	2.06	---
FM17	---	---	---	---	---	< 0.06	---	---	---	---	---	---	1,371.2	19.8	1.33	---
FM18	---	---	---	---	---	0.14	---	---	---	---	---	---	1,472.0	65.1	2.10	---
FM19	---	---	---	---	---	0.04	---	---	---	---	---	---	1,654.8	51.0	1.04	---
FM20	---	---	---	---	---	0.18	---	---	---	---	---	---	1,780.8	80.6	4.65	---
IM17	---	---	---	---	---	< 0.03	---	---	---	---	---	---	1,013.2	2,009.3	0.98	---
IM18O5	---	---	---	---	---	< 0.07	---	---	---	---	---	---	1,773.0	386.0	3.63	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	NB	ND	NI	OS	PB	PD	PR	PT	RB	RE	RU	SB	SC	SE	SM	SN
BLANKWM0	---	---	15.12	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
BLANKWM0	---	---	7.57	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
BLKWM02	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
BLKWM04	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
BLKWM04-	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
FM1	---	---	8.24	---	< 1.2	---	---	---	---	---	---	---	---	1.52	---	---
FM2	---	---	1.86	---	< 1.2	---	---	---	---	---	---	---	---	1.45	---	---
FM3	---	---	4.19	---	< 1.2	---	---	---	---	---	---	---	---	1.51	---	---
FM4	---	---	2.82	---	< 1.2	---	---	---	---	---	---	---	---	1.25	---	---
LLWM02	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
LLWM03	---	---	8.67	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
LLWM05	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
LLWM07	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
LLWM09	---	---	6.24	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
LUWM01	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
LUWM02	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
LUWM04	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
LUWM06	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
LUWM06D	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
LUWM08	---	---	8.16	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
13018	0.82	5.79	0.93	0.05	8.5	0.01	1.96	0.05	3.12	< 0.01	< 0.01	< 0.01	0.6	0.04	1.3	0.6
16230	1.00	7.00	1.00	0.05	5.0	0.05	2.00	0.05	3.00	< 0.01	< 0.01	< 0.01	0.4	0.50	1.0	2.0
LALAMOS	---	---	2.13	---	21.4	---	---	---	---	---	---	---	---	< 0.26	---	---
LLSM1	---	---	6.21	---	12.5	---	---	---	---	---	---	---	---	0.49	---	---
LLSM2	---	---	2.11	---	11.7	---	---	---	---	---	---	---	---	0.30	---	---
LUSM1	---	---	5.92	---	8.3	---	---	---	---	---	---	---	---	0.52	---	---
LUSM2	---	---	2.14	---	6.8	---	---	---	---	---	---	---	---	0.36	---	---
13061	0.05	0.15	1.55	< 0.001	1.1	0.01	0.05	< 0.001	5.70	< 0.001	< 0.001	< 0.001	9.2	0.27	0.1	10.4
5392 PW1	---	---	11.44	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
FM21	---	---	4.01	---	< 1.2	---	---	---	---	---	---	---	---	2.62	---	---
FM22	---	---	3.83	---	< 1.2	---	---	---	---	---	---	---	---	3.00	---	---
FM23	---	---	4.61	---	< 1.2	---	---	---	---	---	---	---	---	1.74	---	---
FM5	---	---	4.18	---	< 1.2	---	---	---	---	---	---	---	---	2.55	---	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	NB	ND	NI	OS	PB	PD	PR	PT	RB	RE	RU	SB	SC	SE	SM	SN
FM6	---	---	3.92	---	< 1.2	---	---	---	---	---	---	---	---	2.01	---	---
FM7	---	---	2.77	---	< 1.2	---	---	---	---	---	---	---	---	1.65	---	---
IM10O3	---	---	24.92	---	3.9	---	---	---	---	---	---	---	---	1.63	---	---
IM6	---	---	6.80	---	13.5	---	---	---	---	---	---	---	---	< 0.07	---	---
IM7	---	---	2.63	---	< 1.35	---	---	---	---	---	---	---	---	1.37	---	---
IM8	---	---	6.64	---	< 1.35	---	---	---	---	---	---	---	---	1.13	---	---
IM9R2	---	---	6.30	---	7.3	---	---	---	---	---	---	---	---	< 0.07	---	---
SLWM02	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
SLWM03	---	---	5.41	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
SLWM05	---	---	6.26	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
SLWM07	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
SLWM09	---	---	9.95	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
SUWM01	---	---	9.77	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
SUWM01D	---	---	6.45	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
SUWM02	---	---	5.75	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
SUWM04	---	---	7.54	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
SUWM06	---	---	7.49	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
SUWM08	---	---	9.35	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
SUWM08D	---	---	11.89	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
13019	0.67	6.85	1.30	0.05	10.2	0.02	2.15	0.05	4.40	< 0.01	< 0.01	< 0.01	1.1	0.02	1.3	0.6
16231	0.50	6.00	1.00	0.05	4.0	0.05	2.00	0.05	3.00	< 0.01	< 0.01	< 0.01	0.4	0.50	1.0	2.0
SANDIA	---	---	5.03	---	15.7	---	---	---	---	---	---	---	---	< 0.26	---	---
SLSM1	---	---	8.12	---	20.2	---	---	---	---	---	---	---	---	< 0.26	---	---
SLSM2	---	---	2.06	---	11.0	---	---	---	---	---	---	---	---	0.25	---	---
SUSM1	---	---	5.98	---	12.8	---	---	---	---	---	---	---	---	0.30	---	---
SUSM2	---	---	2.14	---	10.8	---	---	---	---	---	---	---	---	0.22	---	---
13062	0.05	0.15	3.35	< 0.001	1.4	0.01	0.05	< 0.001	5.45	< 0.001	< 0.001	< 0.001	12.3	0.27	< 0.001	10.9
5393 PW2	---	---	16.38	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
FM12	---	---	2.12	---	< 1.2	---	---	---	---	---	---	---	---	2.47	---	---
FM13	---	---	3.00	---	< 1.2	---	---	---	---	---	---	---	---	1.99	---	---
FM14	---	---	1.98	---	< 1.2	---	---	---	---	---	---	---	---	2.38	---	---
FM24	---	---	5.66	---	< 1.2	---	---	---	---	---	---	---	---	1.98	---	---
FM25	---	---	3.44	---	< 1.2	---	---	---	---	---	---	---	---	1.72	---	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	NB	ND	NI	OS	PB	PD	PR	PT	RB	RE	RU	SB	SC	SE	SM	SN
IM1	---	---	3.33	---	3.7	---	---	---	---	---	---	---	---	< 0.08	---	---
IM2R1	---	---	2.75	---	3.2	---	---	---	---	---	---	---	---	< 0.07	---	---
IM3O1	---	---	19.15	---	2.6	---	---	---	---	---	---	---	---	0.75	---	---
IM4	---	---	3.98	---	< 1.4	---	---	---	---	---	---	---	---	0.88	---	---
IM5O2	---	---	4.94	---	< 1.3	---	---	---	---	---	---	---	---	0.68	---	---
PLWM02	---	---	5.22	---	< 15.9	---	---	---	---	---	---	---	---	3.20	---	---
PLWM03	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
PLWM05	---	---	8.33	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
PLWM07	---	---	5.95	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
PLWM09	---	---	6.89	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
PUWM01	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	3.20	---	---
PUWM02	---	---	7.90	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
PUWM02D	---	---	5.15	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
PUWM04	---	---	6.70	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
PUWM06	---	---	8.02	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
PUWM08	---	---	6.97	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
13020	0.55	8.68	2.17	0.05	24.5	0.04	2.63	0.05	3.92	< 0.01	< 0.01	< 0.01	1.3	0.04	1.7	0.6
16232	0.50	10.00	5.00	0.05	10.0	0.05	4.00	0.05	3.00	< 0.01	< 0.01	< 0.01	0.6	0.50	2.0	0.9
PAJARITO	---	---	12.83	---	14.6	---	---	---	---	---	---	---	---	0.35	---	---
PLS1	---	---	9.91	---	52.6	---	---	---	---	---	---	---	---	< 0.26	---	---
PLSM2	---	---	11.31	---	9.0	---	---	---	---	---	---	---	---	< 0.26	---	---
PUS1	---	---	5.15	---	10.3	---	---	---	---	---	---	---	---	< 0.26	---	---
PUSM2	---	---	5.34	---	12.5	---	---	---	---	---	---	---	---	< 0.26	---	---
13063	< 0.001	0.20	17.70	< 0.001	1.3	0.01	0.10	< 0.001	1.50	< 0.001	< 0.001	< 0.001	5.6	0.27	0.1	11.4
5394 PW3	---	---	19.13	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
FM10	---	---	8.08	---	< 1.2	---	---	---	---	---	---	---	---	2.67	---	---
FM26R7	---	---	2.49	---	< 1.2	---	---	---	---	---	---	---	---	2.78	---	---
FM27	---	---	2.49	---	< 1.2	---	---	---	---	---	---	---	---	1.32	---	---
FM28R8	---	---	3.32	---	< 1.2	---	---	---	---	---	---	---	---	3.44	---	---
FM8	---	---	2.51	---	< 1.2	---	---	---	---	---	---	---	---	1.55	---	---
FM9	---	---	5.65	---	< 1.2	---	---	---	---	---	---	---	---	2.45	---	---
IM11R3	---	---	4.67	---	10.2	---	---	---	---	---	---	---	---	< 0.07	---	---
IM12	---	---	5.95	---	< 1.6	---	---	---	---	---	---	---	---	1.42	---	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	NB	ND	NI	OS	PB	PD	PR	PT	RB	RE	RU	SB	SC	SE	SM	SN
IM13O4	---	---	20.88	---	3.4	---	---	---	---	---	---	---	---	0.55	---	---
IM14	---	---	10.33	---	< 1.7	---	---	---	---	---	---	---	---	1.15	---	---
IM15R4	---	---	7.41	---	13.9	---	---	---	---	---	---	---	---	< 0.07	---	---
VLWM02	---	---	4.82	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
VLWM03	---	---	5.88	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
VLWM05	---	---	10.25	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
VLWM07	---	---	5.94	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
VLWM09	---	---	103.34	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
VUWM01	---	---	5.93	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
VUWM02	---	---	6.90	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
VUWM04	---	---	13.31	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
VUWM04D	---	---	9.50	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
VUWM06	---	---	< 4.42	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
VUWM08	---	---	5.35	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
13021	1.23	17.49	3.34	0.05	25.9	0.04	5.15	0.05	6.47	< 0.01	< 0.01	< 0.01	3.1	0.06	3.9	2.1
16233	0.50	10.00	2.00	0.05	9.0	0.05	4.00	0.05	4.00	< 0.01	< 0.01	< 0.01	0.7	0.50	2.0	2.0
VALLE	---	---	5.72	---	19.6	---	---	---	---	---	---	---	---	< 0.26	---	---
VLS1	---	---	5.22	---	18.4	---	---	---	---	---	---	---	---	< 0.26	---	---
VLSM2	---	---	6.09	---	8.1	---	---	---	---	---	---	---	---	0.12	---	---
VUS1	---	---	7.76	---	38.7	---	---	---	---	---	---	---	---	0.36	---	---
VUSM2	---	---	10.16	---	25.9	---	---	---	---	---	---	---	---	0.65	---	---
13064	< 0.001	0.20	2.05	< 0.001	1.2	0.01	0.05	< 0.001	2.05	< 0.001	< 0.001	< 0.001	5.5	0.27	0.1	9.8
5395 PW4	---	---	14.48	---	< 15.9	---	---	---	---	---	---	---	---	< 2.6	---	---
FM15	---	---	5.05	---	< 1.2	---	---	---	---	---	---	---	---	2.38	---	---
FM16	---	---	12.36	---	< 1.2	---	---	---	---	---	---	---	---	1.79	---	---
FM17	---	---	8.43	---	< 1.2	---	---	---	---	---	---	---	---	2.03	---	---
FM18	---	---	11.91	---	< 1.2	---	---	---	---	---	---	---	---	1.77	---	---
FM19	---	---	6.71	---	< 1.2	---	---	---	---	---	---	---	---	2.52	---	---
FM20	---	---	25.59	---	< 1.2	---	---	---	---	---	---	---	---	2.80	---	---
IM17	---	---	6.11	---	11.5	---	---	---	---	---	---	---	---	< 0.09	---	---
IM18O5	---	---	6.82	---	< 3.4	---	---	---	---	---	---	---	---	4.08	---	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	SR	TA	TB	TE	TH	TI	TL	TM	U	V	W	Y	YB	ZN	ZR
BLANKWM0	< 0.2	---	---	---	---	---	---	---	---	< 2.0	---	---	---	3.94	---
BLANKWM0	< 0.2	---	---	---	---	---	---	---	---	4.2	---	---	---	4.61	---
BLKWM02	< 0.2	---	---	---	---	---	---	---	---	2.3	---	---	---	3.97	---
BLKWM04	< 0.2	---	---	---	---	---	---	---	---	< 2.0	---	---	---	1.70	---
BLKWM04-	< 0.2	---	---	---	---	---	---	---	---	< 2.0	---	---	---	4.16	---
FM1	34.3	---	---	---	---	---	---	---	---	0.6	---	---	---	171.90	---
FM2	36.1	---	---	---	---	---	---	---	---	0.6	---	---	---	169.11	---
FM3	37.8	---	---	---	---	---	---	---	---	0.5	---	---	---	152.26	---
FM4	34.7	---	---	---	---	---	---	---	---	0.7	---	---	---	159.06	---
LLWM02	56.3	---	---	---	---	---	---	---	---	< 2.0	---	---	---	3.66	---
LLWM03	60.9	---	---	---	---	---	---	---	---	5.6	---	---	---	4.61	---
LLWM05	76.0	---	---	---	---	---	---	---	---	< 2.0	---	---	---	3.94	---
LLWM07	69.2	---	---	---	---	---	---	---	---	< 2.0	---	---	---	4.61	---
LLWM09	72.2	---	---	---	---	---	---	---	---	5.7	---	---	---	6.90	---
LUWM01	56.5	---	---	---	---	---	---	---	---	< 2.0	---	---	---	5.59	---
LUWM02	65.1	---	---	---	---	---	---	---	---	2.8	---	---	---	8.25	---
LUWM04	77.1	---	---	---	---	---	---	---	---	< 2.0	---	---	---	4.92	---
LUWM06	72.6	---	---	---	---	---	---	---	---	< 2.0	---	---	---	5.41	---
LUWM06D	71.6	---	---	---	---	---	---	---	---	< 2.0	---	---	---	13.06	---
LUWM08	72.5	---	---	---	---	---	---	---	---	6.7	---	---	---	10.97	---
13018	2.1	0.03	0.23	0.05	2.42	94.1	0.05	0.08	0.42	0.5	0.4	4.11	0.71	10.56	2.3
16230	5.0	0.20	0.30	0.05	2.00	50.0	0.05	0.10	0.50	2.0	0.2	8.00	0.80	0.50	4.0
LALAMOS	8.7	---	---	---	---	---	---	---	---	6.3	---	---	---	26.83	---
LLSM1	19.6	---	---	---	---	---	---	---	---	9.5	---	---	---	33.48	---
LLSM2	10.0	---	---	---	---	---	---	---	---	5.7	---	---	---	25.34	---
LUSM1	12.2	---	---	---	---	---	---	---	---	8.3	---	---	---	31.27	---
LUSM2	2.4	---	---	---	---	---	---	---	---	4.7	---	---	---	21.47	---
13061	45.6	< 0.001	< 0.001	0.05	< 0.001	7.7	0.10	< 0.001	< 0.001	341.7	0.1	0.20	0.05	178.90	0.2
5392 PW1	56.8	---	---	---	---	---	---	---	---	5.3	---	---	---	14.99	---
FM21	39.4	---	---	---	---	---	---	---	---	0.9	---	---	---	170.49	---
FM22	43.1	---	---	---	---	---	---	---	---	0.9	---	---	---	189.07	---
FM23	39.8	---	---	---	---	---	---	---	---	0.7	---	---	---	172.18	---
FM5	33.6	---	---	---	---	---	---	---	---	1.1	---	---	---	169.13	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	SR	TA	TB	TE	TH	TI	TL	TM	U	V	W	Y	YB	ZN	ZR
FM6	47.4	---	---	---	---	---	---	---	---	0.9	---	---	---	169.45	---
FM7	37.9	---	---	---	---	---	---	---	---	0.9	---	---	---	151.29	---
IM10O3	7.2	---	---	---	---	---	---	---	---	1.1	---	---	---	179.65	---
IM6	14.8	---	---	---	---	---	---	---	---	7.1	---	---	---	42.88	---
IM7	8.6	---	---	---	---	---	---	---	---	0.6	---	---	---	190.20	---
IM8	5.8	---	---	---	---	---	---	---	---	0.7	---	---	---	188.63	---
IM9R2	8.4	---	---	---	---	---	---	---	---	7.6	---	---	---	40.10	---
SLWM02	76.1	---	---	---	---	---	---	---	---	10.4	---	---	---	28.21	---
SLWM03	53.3	---	---	---	---	---	---	---	---	9.1	---	---	---	16.82	---
SLWM05	85.9	---	---	---	---	---	---	---	---	10.5	---	---	---	22.85	---
SLWM07	70.0	---	---	---	---	---	---	---	---	9.0	---	---	---	25.23	---
SLWM09	119.2	---	---	---	---	---	---	---	---	17.0	---	---	---	31.87	---
SUWM01	69.0	---	---	---	---	---	---	---	---	14.0	---	---	---	26.40	---
SUWM01D	71.2	---	---	---	---	---	---	---	---	12.8	---	---	---	26.44	---
SUWM02	58.2	---	---	---	---	---	---	---	---	10.5	---	---	---	21.86	---
SUWM04	75.7	---	---	---	---	---	---	---	---	12.7	---	---	---	24.68	---
SUWM06	72.3	---	---	---	---	---	---	---	---	9.4	---	---	---	32.45	---
SUWM08	143.0	---	---	---	---	---	---	---	---	14.7	---	---	---	42.00	---
SUWM08D	142.0	---	---	---	---	---	---	---	---	15.1	---	---	---	33.71	---
13019	3.7	0.04	0.24	0.01	3.12	115.2	0.01	0.08	0.31	0.5	0.3	3.92	0.65	30.08	1.9
16231	4.0	0.20	0.20	0.05	1.00	70.0	0.20	0.05	0.50	3.0	0.2	4.00	0.40	0.50	2.0
SANDIA	10.3	---	---	---	---	---	---	---	---	10.7	---	---	---	99.32	---
SLSM1	15.1	---	---	---	---	---	---	---	---	16.5	---	---	---	144.63	---
SLSM2	9.2	---	---	---	---	---	---	---	---	7.1	---	---	---	77.02	---
SUSM1	13.3	---	---	---	---	---	---	---	---	13.6	---	---	---	74.11	---
SUSM2	9.3	---	---	---	---	---	---	---	---	7.4	---	---	---	74.02	---
13062	77.8	< 0.001	< 0.001	0.05	< 0.001	11.7	0.05	< 0.001	0.35	332.0	2.7	0.15	< 0.001	50.55	0.3
5393 PW2	107.2	---	---	---	---	---	---	---	---	10.7	---	---	---	24.81	---
FM12	28.3	---	---	---	---	---	---	---	---	1.5	---	---	---	170.02	---
FM13	47.1	---	---	---	---	---	---	---	---	2.5	---	---	---	197.70	---
FM14	39.9	---	---	---	---	---	---	---	---	1.3	---	---	---	176.68	---
FM24	38.6	---	---	---	---	---	---	---	---	1.2	---	---	---	149.93	---
FM25	40.2	---	---	---	---	---	---	---	---	1.6	---	---	---	162.03	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	SR	TA	TB	TE	TH	TI	TL	TM	U	V	W	Y	YB	ZN	ZR
IM1	8.4	---	---	---	---	---	---	---	---	5.8	---	---	---	84.66	---
IM2R1	5.5	---	---	---	---	---	---	---	---	4.6	---	---	---	70.84	---
IM3O1	17.5	---	---	---	---	---	---	---	---	1.4	---	---	---	200.82	---
IM4	17.4	---	---	---	---	---	---	---	---	1.4	---	---	---	187.79	---
IM5O2	16.6	---	---	---	---	---	---	---	---	1.3	---	---	---	188.08	---
PLWM02	62.9	---	---	---	---	---	---	---	---	4.3	---	---	---	10.20	---
PLWM03	57.6	---	---	---	---	---	---	---	---	2.5	---	---	---	4.00	---
PLWM05	77.1	---	---	---	---	---	---	---	---	6.3	---	---	---	9.15	---
PLWM07	79.0	---	---	---	---	---	---	---	---	< 2.0	---	---	---	4.75	---
PLWM09	77.2	---	---	---	---	---	---	---	---	4.3	---	---	---	12.85	---
PUWM01	57.8	---	---	---	---	---	---	---	---	4.6	---	---	---	8.09	---
PUWM02	65.8	---	---	---	---	---	---	---	---	5.8	---	---	---	9.30	---
PUWM02D	63.9	---	---	---	---	---	---	---	---	3.4	---	---	---	4.05	---
PUWM04	76.4	---	---	---	---	---	---	---	---	8.7	---	---	---	12.06	---
PUWM06	88.1	---	---	---	---	---	---	---	---	11.0	---	---	---	21.78	---
PUWM08	77.8	---	---	---	---	---	---	---	---	5.0	---	---	---	13.05	---
13020	5.6	0.03	0.29	0.01	4.64	156.8	0.02	0.09	0.40	11.4	0.3	4.17	0.71	14.99	3.7
16232	7.0	0.20	0.30	0.05	3.00	100.0	0.05	0.10	0.50	10.0	0.1	7.00	0.70	0.50	6.0
PAJARITO	13.5	---	---	---	---	---	---	---	---	15.5	---	---	---	34.44	---
PLS1	8.0	---	---	---	---	---	---	---	---	8.9	---	---	---	18.70	---
PLSM2	5.7	---	---	---	---	---	---	---	---	11.1	---	---	---	19.68	---
PUS1	9.1	---	---	---	---	---	---	---	---	12.5	---	---	---	20.81	---
PUSM2	7.3	---	---	---	---	---	---	---	---	14.4	---	---	---	27.13	---
13063	69.9	< 0.001	0.05	0.05	< 0.001	3.6	0.10	0.05	0.10	372.2	0.1	0.25	0.05	71.60	0.2
5394 PW3	63.8	---	---	---	---	---	---	---	---	9.6	---	---	---	24.91	---
FM10	33.2	---	---	---	---	---	---	---	---	0.8	---	---	---	162.86	---
FM26R7	40.3	---	---	---	---	---	---	---	---	0.6	---	---	---	152.21	---
FM27	39.9	---	---	---	---	---	---	---	---	0.7	---	---	---	173.89	---
FM28R8	40.4	---	---	---	---	---	---	---	---	0.8	---	---	---	151.53	---
FM8	37.0	---	---	---	---	---	---	---	---	1.0	---	---	---	175.31	---
FM9	31.7	---	---	---	---	---	---	---	---	1.1	---	---	---	144.03	---
IM11R3	8.5	---	---	---	---	---	---	---	---	17.8	---	---	---	24.93	---
IM12	29.3	---	---	---	---	---	---	---	---	1.1	---	---	---	125.69	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.

Appendix IV. Elemental Concentrations in Samples of the Water Quality Study of 4 Intermittent Streams, Los Alamos County, NM.

Identification Number	SR	TA	TB	TE	TH	TI	TL	TM	U	V	W	Y	YB	ZN	ZR
IM13O4	23.2	---	---	---	---	---	---	---	---	5.5	---	---	---	120.58	---
IM14	29.5	---	---	---	---	---	---	---	---	1.1	---	---	---	146.07	---
IM15R4	10.1	---	---	---	---	---	---	---	---	20.0	---	---	---	28.23	---
VLWM02	128.8	---	---	---	---	---	---	---	---	3.7	---	---	---	4.73	---
VLWM03	125.4	---	---	---	---	---	---	---	---	3.6	---	---	---	4.23	---
VLWM05	132.4	---	---	---	---	---	---	---	---	8.5	---	---	---	8.94	---
VLWM07	155.0	---	---	---	---	---	---	---	---	< 2.0	---	---	---	6.86	---
VLWM09	143.7	---	---	---	---	---	---	---	---	< 2.0	---	---	---	10.80	---
VUWM01	121.9	---	---	---	---	---	---	---	---	3.5	---	---	---	4.53	---
VUWM02	118.1	---	---	---	---	---	---	---	---	4.2	---	---	---	5.51	---
VUWM04	126.1	---	---	---	---	---	---	---	---	9.5	---	---	---	11.99	---
VUWM04D	127.4	---	---	---	---	---	---	---	---	8.1	---	---	---	10.74	---
VUWM06	144.4	---	---	---	---	---	---	---	---	< 2.0	---	---	---	6.38	---
VUWM08	135.3	---	---	---	---	---	---	---	---	3.7	---	---	---	6.48	---
13021	9.0	0.04	0.52	0.03	5.53	216.7	0.15	0.15	0.68	7.6	1.7	7.15	1.19	46.49	6.1
16233	6.0	0.20	0.30	0.05	2.00	90.0	0.05	0.10	0.50	6.0	0.6	7.00	0.80	0.50	5.0
VALLE	9.1	---	---	---	---	---	---	---	---	10.0	---	---	---	47.15	---
VLS1	5.9	---	---	---	---	---	---	---	---	9.1	---	---	---	47.25	---
VLSM2	5.6	---	---	---	---	---	---	---	---	7.3	---	---	---	38.93	---
VUS1	7.6	---	---	---	---	---	---	---	---	16.2	---	---	---	57.56	---
VUSM2	15.5	---	---	---	---	---	---	---	---	10.6	---	---	---	77.02	---
13064	100.0	< 0.001	< 0.001	0.05	< 0.001	4.3	0.10	< 0.001	0.10	339.9	0.5	0.35	0.20	61.40	0.2
5395 PW4	121.2	---	---	---	---	---	---	---	---	5.8	---	---	---	17.02	---
FM15	51.3	---	---	---	---	---	---	---	---	1.6	---	---	---	228.77	---
FM16	43.6	---	---	---	---	---	---	---	---	1.3	---	---	---	192.51	---
FM17	40.2	---	---	---	---	---	---	---	---	1.0	---	---	---	169.00	---
FM18	47.3	---	---	---	---	---	---	---	---	1.6	---	---	---	198.94	---
FM19	54.2	---	---	---	---	---	---	---	---	1.6	---	---	---	192.42	---
FM20	72.6	---	---	---	---	---	---	---	---	1.8	---	---	---	252.28	---
IM17	11.1	---	---	---	---	---	---	---	---	12.0	---	---	---	53.53	---
IM18O5	22.7	---	---	---	---	---	---	---	---	1.7	---	---	---	140.49	---

Symbols in Table 5; "---" = not analyzed; ug/L in water and porewater; mg/kg dry weight in sediment and tissues.