

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. BR-1

SL 130-7

DATE	pH	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
10/16/73	3.4	2	6	232	0	0	0	4.0	0	0	0	1,226	30
1/31/74	3.4	17	49	242	0	0	0	1.2	0	0	0	975	200
2/20/74	3.3	15	43	238	0	0	0	1.2	0	0	0	775	140
3/14/74	3.3	15	97	540	0	0	0	1.1	0	0	0	1,300	230
4/19/74	3.3	19	54	236	0	0	0	1.4	0	0	0	1,300	300
5/23/74	3.3	15	38	210	0	0	0	1.6	0	0	0	1,525	280
6/26/74	4.3	3	5	142	0	0	0	.4	0	0	0	1,100	40
7/24/74	3.2	4	10	210	0	0	0	3.2	0	0	0	775	40
8/14/74	3.2	2	6	248	0	0	0	4.5	0	0	0	1,575	40
9/23/74	3.2	4	8	174	0	0	0	.7	0	0	0	1,500	70
10/28/74	3.5	1	2	170	0	0	0	3.5	0	0	0	1,975	20
11/21/74	3.5	4	7	140	0	0	0	2.1	0	0	0	1,575	80
12/18/74	3.4	8	14	150	0	0	0	1.6	0	0	0	1,125	110
AVERAGE	3.4	8	26	226	0	0	0	2.0	0	0	0	1,290	120

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. BR-2

SL 130-7

DATE	P H	FLOW G P M	ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
			CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day
10/16/73	4.6	1	60	1	2	0	1.5	0	0	0	1,124	10
1/31/74	4.2	7	138	12	0	0	.4	0	0	0	550	50
2/20/74	4.3	5	106	6	0	0	.9	0	0	0	675	40
3/14/74	4.3	6	138	10	0	0	.4	0	0	0	925	70
4/19/74	4.3	6	118	9	0	0	.6	0	0	0	875	60
5/23/74	4.5	8	62	6	0	0	.3	0	0	0	800	80
6/26/74	3.2	10	250	30	0	0	1.9	0	0	0	1,700	200
7/24/74	4.1	1	96	1	0	0	.5	0	0	0	1,025	10
8/14/74	4.4	1	68	1	0	0	1.2	0	0	0	975	10
9/23/74	4.2	1	44	1	0	0	43.8	0	0	0	1,300	20
10/28/74	4.8	2	46	1	6	0	.7	0	0	0	1,625	40
11/21/74	5.3	3	22	1	18	1	.2	0	0	0	1,200	40
12/18/74	4.8	5	40	2	4	0	.6	0	0	0	950	60
AVERAGE	4.1	4	91	6	2	0	4.1	0	0	0	1,060	50

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. BR-3

SL 130-7

DATE	p H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
10/16/73	3.1	10	41	338	0	0	7.4	1	0	0	0	1,523	180
1/31/74	3.1	18	63	290	0	0	5.4	1	0	0	0	925	200
2/20/74	3.1	15	63	350	0	0	4.7	1	0	0	0	1,400	250
3/15/74	3.1	16	92	480	0	0	4.3	1	0	0	0	1,400	270
4/19/74	3.1	15	53	296	0	0	3.4	1	0	0	0	1,400	250
5/23/74	3.2	17	61	300	0	0	3.3	1	0	0	0	1,450	300
6/26/74	3.0	15	153	850	0	0	3.1	1	0	0	0	1,425	260
7/24/74	3.0	12	72	500	0	0	4.1	1	0	0	0	1,725	250
8/14/74	3.0	11	66	500	0	0	3.5	0	0	0	0	1,525	200
9/23/74	3.2	11	41	312	0	0	8.6	1	7.8	1	0	1,800	240
10/28/74	3.1	10	35	290	0	0	8.7	1	0	0	0	2,150	260
11/21/74	3.1	11	40	304	0	0	4.8	1	0	0	0	1,950	260
12/18/74	3.0	13	62	400	0	0	10.5	2	0	0	0	1,800	280
AVERAGE	3.1	13	65	401	0	0	5.5	1	.6	0	0	1,580	250

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. BR-4

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day
10/17/73	3.6	4	20	420	0	0	0	1.0	0	0	0	1,326	60
2/ 5/74	3.6	11	36	272	0	0	0	.3	0	0	0	950	130
2/20/74	3.5	8	27	278	0	0	0	.4	0	0	0	1,150	110
3/15/74	3.6	11	58	442	0	0	0	.6	0	0	0	1,425	190
4/19/74	3.5	11	40	300	0	0	0	.8	0	0	0	1,350	180
5/23/74	3.1	11	76	574	0	0	0	.9	0	0	0	1,575	210
6/26/74	3.5	8	88	920	0	0	0	.9	0	0	0	1,675	160
7/24/74	3.4	2	7	308	0	0	0	1.7	0	0	0	1,575	40
8/14/74	3.5	2	9	366	0	0	0	2.3	0	0	0	1,400	30
9/23/74	3.7	4	16	324	0	0	0	.7	0	0	0	1,950	90
10/28/74	3.8	1	3	254	0	0	0	1.1	0	0	0	1,825	20
11/21/74	3.7	2	7	274	0	0	0	.5	0	0	0	1,650	40
12/18/74	3.6	8	22	226	0	0	0	.9	0	0	0	1,425	140
AVERAGE	3.5	6	31	381	0	0	0	.9	0	0	0	1,480	110

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. BR-5

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
10/18/73	3.2	21	100	25	0	0	0	3.6	1	0	0	1,625	410
2/ 1/74		52				NO		ANALYSES					
2/20/74	3.5	38	112	51	0	0	0	1.7	1	0	0	825	380
3/14/74	3.5	60	108	78	0	0	0	1.9	1	0	0	1,075	780
4/19/74	3.4	59	122	86	0	0	0	1.8	1	0	0	975	690
5/16/74	3.5	50	110	66	0	0	0	1.5	1	0	0	1,025	620
6/26/74	3.3	39	114	53	0	0	0	1.7	1	0	0	1,625	760
7/24/74	3.2	22	88	23	0	0	0	3.4	1	0	0	1,500	400
8/14/74	3.4	16	100	19	0	0	0	4.3	1	0	0	1,175	230
9/23/74	3.6	28	104	35	0	0	0	34.6	12	0	0	1,750	590
10/28/74	3.6	15	104	19	0	0	0	2.6	0	0	0	2,025	360
11/21/74	3.8	21	128	33	0	0	0	1.0	0	0	0	1,725	440
12/18/74	3.6	59	70	50	0	0	0	3.8	3	0	0	1,450	1,030
AVERAGE	3.4	37	105	45	0	0	0	5.2	2	0	0	1,400	560

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. BR-6

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
10/18/73	2.8	20	100	20	0	0	73.9	18	0	0	0	1,650	400
2/ 5/74	3.2	34	202	82	0	0	28.9	12	0	0	0	1,050	430
2/18/74	2.8	29	200	70	0	0	28.9	10	0	0	0	1,025	360
3/14/74	2.9	43	200	100	0	0	41.1	21	0	0	0	1,075	560
4/18/74	3.1	44	230	122	0	0	39.8	21	26.9	14	1,100	580	
5/16/74	2.9	55	400	260	0	0	46.1	30	0	0	0	1,350	890
6/25/74		40											
7/24/74	2.8	15	500	90	0	0	43.7	8	0	0	0	1,525	280
8/14/74	3.0	10	500	60	0	0	26.2	3	0	0	0	1,400	170
9/23/74	3.2	29	202	70	0	0	15.7	6	0	0	0	2,225	780
10/28/74	3.2	10	170	20	0	0	18.4	2	0	0	0	2,050	250
11/21/74	3.0	11	240	32	0	0	20.3	3	0	0	0	1,925	250
12/18/74	2.8	60	200	140	0	0	100.8	73	22.4	16	1,725	1,240	
AVERAGE	3.0	31	262	90	0	0	40.3	17	4.1	2	1,510	510	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. BR-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
10/19/73	2.9	18	200	40	0	0	51.8	12	0	0	2,226	480	
2/ 5/74	4.4	234	246	691	0	0	62.6	176	0	0	2,000	5,620	
2/18/74	4.1	185	190	422	0	0	58.6	130	29.1	65	1,400	3,110	
3/14/74	4.3	157	184	347	0	0	25.3	48	0	0	1,300	2,450	
4/18/74	3.3	56	108	73	0	0	36.3	24	31.4	21	1,525	1,030	
5/16/74	3.4	171	156	320	0	0	31.9	66	0	0	1,775	3,640	
6/25/74	3.2	150	220	396	0	0	36.3	65	0	0	2,250	4,050	
7/24/74	3.0	78	300	281	0	0	57.4	54	0	0	1,975	1,850	
8/14/74	3.2	42	106	53	0	0	41.8	21	0	0	1,775	900	
9/23/74	3.8	129	114	177	0	0	98.7	153	0	0	1,975	3,060	
10/28/74	3.4	92	84	93	0	0	61.8	68	56.0	62	2,500	2,760	
11/21/74	4.1	105	180	227	0	0	36.6	46	35.8	45	2,050	2,580	
12/18/74	4.0	126	72	109	0	0	49.5	75	0	0	1,950	2,950	
AVERAGE	3.4	119	166	250	0	0	49.9	72	7.1	15	1,900	2,650	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. BR-8

SL 130-7

NO. SOURCE

DATE	PH	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM	MG/L	CONCENTRATION	LOAD	CONCENTRATION	LOAD	CONCENTRATION	LOAD	CONCENTRATION	LOAD	CONCENTRATION	LOAD
			MG/L	MG/L	Lb/Doy	MG/L	Lb/Doy	MG/L	Lb/Doy	MG/L	Lb/Doy	MG/L	Lb/Doy
PHASE I	2.9		300	0		76.3		6.7		2,250			
AVERAGE													

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. BR-9

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M		CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day
10/23/73	2.7	.5	10	1,200	0	0	0	212.7	1	0	0	1,825	10
2/ 1/74	2.8	1	10	620	0	0	0	139.1	2	0	0	950	10
2/21/74	2.8	1	10	700	0	0	0	178.3	2	0	0	1,475	20
3/15/74	2.8	1	20	1,400	0	0	0	77.2	1	2.2	0	1,725	20
4/19/74	2.9	1	10	574	0	0	0	202.0	2	4.5	0	2,025	20
5/23/74	2.5	1	10	620	0	0	0	119.0	1	0	0	1,600	20
6/27/74		1											
7/25/74	2.6	1	10	800	0	0	0	281.0	3	0	0	1,950	20
8/15/74		0											
9/24/74	2.9	1	0	12	0	0	0	.1	0	0	0	2,025	20
10/28/74		0											
11/25/74	3.0	2	1	60	0	0	0	36.6	1	0	0	1,500	40
12/19/74	2.8	2	0	15	0	0	0	23.0	1	0	0	1,375	30
AVERAGE	2.8	1	10	500	0	0	0	106.0	1	.6	0	1,370	20

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. PG-2

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy
10/24/73	2.8	21	450	1,800	0	0	218.5	55	0	0	3,248	820	
1/31/74	2.8	59	940	1,320	0	0	144.4	102	0	0	2,750	1,950	
2/19/74	2.8	73	1,300	1,480	0	0	287.3	252	0	0	2,500	2,190	
3/18/74	2.8	41	1,310	2,660	0	0	41.3	50	0	0	1,925	950	
4/24/74	2.8	86	930	900	0	0	83.6	86	0	0	2,200	2,270	
5/28/74	3.6	45	89	164	0	0	137.0	74	0	0	2,475	1,340	
6/27/74		37	SAMPLE LOST	SAMPLE LOST			TRANSIT						
7/25/74	2.8	80	1,060	1,100	0	0	140.0	134	0	0	2,750	2,640	
8/19/74	3.0	92	663	600	0	0	29.6	33	0	0	1,200	1,330	
9/25/74	2.9	73	440	500	0	0	.4	0	0	0	2,450	2,150	
10/24/74	2.9	34	490	1,200	0	0	158.0	64	79.5	32	3,500	1,430	
11/25/74	3.2	59	390	550	0	0	55.5	39	0	0	3,000	2,130	
12/19/74	3.2	57	308	450	0	0	26.8	18	0	0	3,300	2,260	
AVERAGE	2.9	58	700	1,060	0	0	110.0	75	6.6	3	2,610	1,790	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. PG-3

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
10/24/73	3.4	4	600	29	0	0	8.4	0	0	0	0	1,800	90
1/31/74	4.1	41	170	84	0	0	3.2	2	0	0	0	1,125	550
2/19/74	3.0	20	360	86	0	0	26.8	6	0	0	0	950	230
3/18/74	4.4	51	120	74	0	0	2.9	2	0	0	0	800	490
4/24/74	4.2	37	190	84	0	0	1.6	1	0	0	0	1,175	520
5/28/74	2.8	51	1,320	810	0	0	1.2	1	0	0	0	1,200	740
6/27/74		26											
7/25/74	4.2	12	90	13	0	0	1.1	0	0	0	0	1,150	170
8/19/74	4.2	17	6	1	0	0	2.2	0	0	0	0	1,350	280
9/25/74	4.2	26	108	34	0	0	1.4	0	0	0	0	1,975	620
10/24/74	4.4	14	122	21	0	0	0	0	0	0	0	1,850	310
11/25/74	4.6	61	68	50	6	4	.5	0	0	0	0	1,575	1,150
12/19/74	4.5	145	110	192	0	0	3.7	6	0	0	0	1,200	2,090
AVERAGE	3.5	39	272	120	0	0	4.4	2	0	0	0	1,350	600

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. PG-4

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
10/24/73	3.0	10	800	96	0	0	0	24.5	3	0	0	1,825	220
1/31/74	3.0	39	454	213	0	0	0	30.0	14	0	0	950	440
2/28/74	3.3	11	350	46	0	0	0	17.3	2	0	0	1,050	140
3/18/74	3.2	29	356	124	0	0	0	15.8	6	0	0	775	270
4/24/74	3.2	17	450	92	0	0	0	13.7	3	0	0	1,100	220
5/28/74	4.3	34	110	45	0	0	0	45.4	18	0	0	1,775	720
6/27/74		32	S A M P L E L O S T	S A M P L E L O S T	I N	T R A N S I T							
7/23/74	3.0	12	1,000	144	0	0	0	24.6	4	0	0	1,700	240
8/19/74	3.4	13	406	63	0	0	0	3.8	1	0	0	1,600	250
9/25/74	2.9	23	700	190	0	0	0	21.6	6	0	0	2,025	560
10/24/74	3.2	13	496	77	0	0	0	1.3	0	1.1	0	2,750	430
11/25/74	3.4	57	386	264	0	0	0	13.6	9	0	0	1,900	1,300
12/19/74	3.4	40	284	136	0	0	0	8.8	4	0	0	1,700	820
AVERAGE	3.2	25	483	120	0	0	0	18.4	6	.1	0	1,600	470

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-5

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/ 5/73	2.8	34	290	700	0	0	0	48.9	20	0	0	1,126	460
2/ 6/74	3.1	53	239	376	0	0	0	30.0	19	0	0	450	290
2/28/74	3.1	40	192	400	0	0	0	25.0	12	0	0	525	250
3/18/74	3.0	56	229	340	0	0	0	18.7	13	0	0	550	370
4/24/74	3.0	54	192	296	0	0	0	17.1	11	0	0	600	390
5/24/74	2.7	44	160	300	0	0	0	18.0	10	0	0	675	360
6/27/74		66		SAMPLE LOST				TRANSIT					
7/25/74	2.9	32	190	500	0	0	0	35.0	13	0	0	800	310
8/19/74	3.0	26	125	400	0	0	0	30.7	10	0	0	1,200	380
9/24/74	2.8	25	150	500	0	0	0	29.2	9	0	0	1,025	310
10/29/74	3.0	20	122	500	0	0	0	55.6	13	15.7	4	1,075	260
11/25/74	3.2	29	116	332	0	0	0	26.7	9	0	0	950	330
12/19/74	3.1	41	128	260	0	0	0	21.4	10	0	0	1,125	550
AVERAGE	3.0	41	180	409	0	0	0	29.7	12	1.3	0	840	350

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. PG-6

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	
11/ 5/73	2.6	6	920	70	0	0	69.9	5	0	0	1,900	70	
2/ 6/74	3.0	45	432	233	0	0	53.0	29	0	0	450	240	
2/19/74	2.9	43	460	240	0	0	38.1	20	0	0	625	320	
3/18/74	3.0	41	532	262	0	0	44.0	22	0	0	475	230	
4/24/74	2.9	44	410	220	0	0	39.5	21	0	0	675	360	
5/24/74	2.6	24	640	180	0	0	35.4	10	0	0	825	240	
6/27/74		14	S A M P L E L O S T	I N T R A N S I T									
7/25/74	2.7	11	700	90	0	0	42.5	6	0	0	800	110	
8/19/74	2.7	4	700	30	0	0	33.5	2	0	0	1,075	50	
9/24/74	2.7	4	600	30	0	0	33.2	2	3.4	0	1,050	50	
10/29/74	2.9	1	700	10	0	0	56.5	1	0	0	1,300	20	
11/25/74	3.1	3	352	13	0	0	27.0	1	2.2	0	1,025	40	
12/19/74	3.1	20	384	92	0	0	26.5	6	0	0	975	230	
AVERAGE	2.8	20	569	120	0	0	41.6	10	.5	0	860	160	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. PG-7

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb./Day	CONCENTRATION MG / L	CONCENTRATION MG / L	LOAD Lb./ Day	CONCENTRATION MG / L	LOAD Lb./Day	CONCENTRATION MG / L	LOAD Lb./Day	CONCENTRATION MG / L	LOAD Lb./ Day	CONCENTRATION MG / L
11/ 5/73	4.1	30	25	70	0	0	0	.3	0	0	0	725	260
1/31/74	4.4	11	9	70	0	0	0	.1	0	0	0	425	60
2/19/74	4.4	30	32	90	0	0	0	.3	0	0	0	525	190
3/18/74	4.5	10	8	70	0	0	0	.4	0	0	0	300	40
4/25/74	4.3	12	12	86	0	0	0	.1	0	0	0	575	80
5/28/74	3.0	30	368	1,020	0	0	0	.2	0	0	0	850	310
6/27/74		5	SAMPLE LOST	IN TRANSIT									
7/25/74	4.2	5	5	90	0	0	0	.6	0	0	0	675	40
8/19/74	4.2	5	4	60	0	0	0	1.4	0	0	0	750	40
9/25/74	4.3	5	4	60	0	0	0	1.6	0	0	0	950	60
10/29/74	4.6	5	3	44	6	0	0	.5	0	0	0	1,075	60
11/25/74	4.7	25	13	44	6	2	0	0	0	0	0	850	260
12/19/74	4.7	30	17	46	8	3	1	3.5	0	0	0	975	350
AVERAGE	3.9	16	42	146	2	0	0	.8	0	0	0	720	140

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7 STATION NO. PG-8

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
11/ 5/74	2.8	2	800	20	0	0	0	25.6	1	0	0	1,025	20
1/31/74	4.4	10	108	13	0	0	0	.6	0	0	0	375	40
2/19/74	4.3	17	142	29	0	0	0	.4	0	0	0	725	150
3/18/74	4.3	12	142	20	0	0	0	.8	0	0	0	425	60
4/25/74	4.1	14	244	41	0	0	0	.7	0	0	0	725	120
5/28/74	4.3	61	276	202	0	0	0	.8	1	0	0	775	570
6/27/74	3.9	10	214	26	0	0	0	.2	0	0	0	1,050	130
7/25/74	4.0	7	180	15	0	0	0	0	0	0	0	900	80
8/19/74	4.0	1	206	2	0	0	0	.8	0	0	0	900	10
9/25/74	4.3	12	100	14	0	0	0	.1	0	0	0	950	140
10/29/74	4.4	4	158	8	0	0	0	.1	0	0	0	1,050	50
11/25/74	5.8	12	16	2	18	3	0	0	0	0	0	900	130
12/19/74	4.7	14	60	10	8	1	0	0	0	0	0	850	140
AVERAGE	3.8	14	204	30	2	0	0	2.3	0	0	0	820	130

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-9

DATE	PH	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM		CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy
11/ 5/73	2.9	6	80	1,040	0	0	10.9	1	0	0	0	1,400	100
1/31/74	3.0	21	168	666	0	0	14.7	4	0	0	0	1,000	250
2/19/74	3.0	21	141	558	0	0	7.1	2	0	0	0	625	160
3/18/74	3.1	13	107	682	0	0	10.2	2	0	0	0	850	130
4/25/74	3.2	11	84	636	0	0	7.9	1	0	0	0	925	120
5/28/74	4.1	7	6	74	0	0	10.1	1	0	0	0	950	80
6/27/74		5		SAMPLE LOST IN TRANSIT									
7/25/74	3.0	2	34	1,400	0	0	8.2	0	0	0	0	1,175	30
8/19/74	3.0	2	24	1,000	0	0	5.2	0	0	0	0	1,275	30
9/25/74	3.1	3	25	692	0	0	3.4	0	0	0	0	1,450	50
10/29/74	3.4	2	13	532	0	0	3.6	0	0	0	0	1,750	40
11/25/74	3.6	3	17	460	0	0	1.5	0	0	0	0	1,375	50
12/19/74	3.2	20	122	506	0	0	5.5	1	0	0	0	1,175	280
AVERAGE	3.1	9	70	687	0	0	7.4	1	0	0	0	1,160	110

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. PG-10

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
11/ 6/73	2.7	17	840	170	0	0	27.0	6	0	0	0	1,173	240
2/ 5/74	3.1	21	328	83	0	0	10.9	3	0	0	0	800	200
2/19/74	3.2	25	242	73	0	0	7.6	2	0	0	0	625	190
3/18/74	3.3	23	280	77	0	0	7.7	2	0	0	0	575	160
4/25/74	3.2	16	336	65	0	0	8.9	2	0	0	0	900	170
5/28/74	3.0	11	600	79	0	0	11.5	2	0	0	0	950	130
6/27/74		10	S A M P L E	L O S T	I N	T R A N S I T							
7/26/74	2.7	8	900	90	0	0	26.5	3	0	0	0	1,025	100
8/19/74	2.8	2	900	20	0	0	18.6	0	0	0	0	950	20
9/25/74	2.9	12	500	70	0	0	14.8	2	0	0	0	1,325	190
10/29/74	3.0	5	500	30	0	0	23.6	1	0	0	0	1,700	100
11/25/74	3.6	29	176	61	0	0	6.8	2	0	0	0	1,050	370
12/19/74	3.6	29	142	50	0	0	3.7	1	0	0	0	975	340
AVERAGE	3.0	16	479	70	0	0	14.0	2	0	0	0	1,020	180

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. PG-II

SL 130-7

DATE	PH	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/ 6/73	4.5	16	7	34	0	0	0	1.2	0	0	0	1,558	300
2/ 6/74	4.6	164	110	56	4	8	1	.7	1	0	0	1,625	3,200
2/19/74	4.4	171	271	132	0	0	2	.9	2	0	0	1,300	2,670
3/14/74	4.8	167	48	24	10	20	2	.9	2	0	0	1,275	2,560
4/18/74	4.7	212	122	48	6	15	0	0	0	0	0	350	890
5/16/74	4.6	207	109	44	2	5	2	.6	2	0	0	1,650	4,100
6/25/74		189		S A M P L E L O S T I N T R A N S I T									
7/22/74	5.1	83	26	26	20	20	1	1.1	1	0	0	1,700	1,700
8/14/74	4.7	60	25	34	12	9	0	.6	0	0	0	1,850	1,330
9/20/74	4.5	97	28	24	0	0	1	.9	1	0	0	2,300	2,680
10/25/74	4.8	70	34	40	16	13	1	1.0	1	0	0	2,475	2,080
11/21/74	4.7	119	34	24	4	6	1	.4	1	0	0	2,250	3,220
12/18/74	4.8	180	86	40	10	22	22	10.4	22	0	0	1,825	3,940
AVERAGE	4.7	133	75	44	7	10	3	1.6	3	0	0	1,680	2,390

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. PG-12

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	
11/ 8/73	2.9	18	940	200	0	0	68.9	15	0	0	1,775	380	
2/ 6/74	2.9	42	640	320	0	0	71.7	36	10.1	5	800	400	
2/28/74	3.0	40	600	288	0	0	52.9	25	0	0	1,275	610	
3/18/74	2.9	40	620	300	0	0	47.9	23	0	0	950	460	
4/25/74	2.8	36	602	260	0	0	60.3	26	0	0	1,225	530	
5/28/74	2.8	36	680	290	0	0	54.7	24	0	0	1,550	670	
6/27/74		30	S A M P L E L O S T	I N T R A N S I T									
7/25/74	2.7	19	900	200	0	0	47.5	11	0	0	1,450	330	
8/19/74	2.7	11	1,000	130	0	0	26.7	4	0	0	1,475	200	
9/25/74	2.8	22	800	210	0	0	41.2	11	0	0	1,950	520	
10/29/74	2.9	11	700	90	0	0	55.9	7	6.7	1	2,225	290	
11/25/74	3.2	23	634	175	0	0	33.0	9	0	0	1,700	470	
12/19/74	3.1	20	470	113	0	0	28.2	7	19.0	5	1,400	340	
AVERAGE	2.9	27	716	220	0	0	49.1	16	3.0	1	1,480	430	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-13

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/ 8/73	2.8	3	110	160	0	0	239.7	9	4.5	0	3,000	110	
2/ 6/74	2.8	10	180	1,500	0	0	272.4	33	0	0	1,925	230	
2/28/74	2.8	4	80	1,760	0	0	321.6	16	1.1	0	3,825	180	
3/18/74	2.9	6	100	1,380	0	0	98.9	7	2.2	0	2,450	180	
4/25/74	2.8	4	60	1,138	0	0	164.0	8	0	0	3,500	170	
5/28/74	2.8	3	70	2,000	0	0	205.0	7	0	0	4,950	180	
6/27/74		4		SAMPLE LOST									
7/25/74	2.6	2	60	2,500	0	0	670.0	16	9.0	0	3,600	90	
8/19/74	2.5	1	40	3,400	0	0	425.5	5	3.4	0	5,250	60	
9/25/74	2.7	1	20	1,800	0	0	114.0	1	56.0	1	1,950	20	
10/28/74		0											
11/25/74	2.9	1	56	4,600	0	0	955.0	12	1.1	0	1,350	20	
12/19/74				SAMPLE BROKEN									
AVERAGE	2.7	3	60	1,840	0	0	315.0	10	7.0	0	2,890	110	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. PG-14

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	
11/12/73	2.9	57	820	560	0	0	96.0	66	0	0	2,751	1,880	
2/ 5/74	2.9	107	400	510	0	0	67.9	87	0	0	1,450	1,860	
2/19/74	2.9	46	578	320	0	0	58.7	32	1.1	1	1,525	840	
3/14/74	2.9	109	680	890	0	0	53.8	70	0	0	1,475	1,930	
4/18/74	3.0	126	322	487	0	0	42.6	64	3.4	5	1,175	1,780	
5/16/74	2.9	125	460	690	0	0	39.3	59	0	0	1,425	2,140	
6/25/74		83	S A M P L E	L O S T	I N	T R A N S I T							
7/22/74	3.0	82	500	492	0	0	52.7	52	0	0	1,550	1,530	
8/14/74	3.0	50	700	420	0	0	47.7	29	0	0	1,650	990	
9/20/74	2.8	100	700	840	0	0	45.4	54	0	0	2,050	2,460	
10/25/74	3.1	60	474	342	0	0	59.9	43	10.1	7	2,450	1,760	
11/25/74	2.9	52	560	350	0	0	57.3	36	0	0	2,125	1,330	
12/18/74	3.1	96	344	397	0	0	8.7	10	0	0	2,200	2,540	
AVERAGE	2.9	84	545	520	0	0	52.5	50	1.3	1	1,820	1,750	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-15

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/15/73	4.7	9	8	70	4	0	2.3	0	0	0	0	1,101	120
2/ 1/74	4.4	27	24	74	0	0	2.3	1	0	0	0	675	220
2/19/74	4.5	28	30	88	0	0	5.1	2	0	0	0	1,025	340
3/18/74	4.5	25	15	50	0	0	2.3	1	0	0	0	575	170
4/24/74	4.3	17	26	126	0	0	2.6	0	0	0	0	1,000	200
5/28/74	4.3	12	18	126	0	0	4.3	1	0	0	0	950	140
6/27/74		12	SAMPLE LOST	IN TRANSIT									
7/25/74	4.2	4	2	48	0	0	15.5	1	10.1	0	0	1,075	50
8/19/74	4.4	6	2	34	0	0	13.1	1	0	0	0	1,250	90
9/28/74	5.6	11	3	26	22	3	6.1	1	0	0	0	1,225	160
10/29/74	5.3	7	3	30	30	3	12.1	1	9.0	1	1	1,250	100
11/25/74	6.3	40	10	20	56	27	1.0	0	0	0	0	925	440
12/19/74	5.1	34	8	20	8	3	1.2	0	0	0	0	1,050	430
AVERAGE	4.6	18	12	59	10	3	5.7	1	1.6	0	0	1,010	210

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. PG-16

SL 130-7

DATE	P H	FLOW G P M	ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
			CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy
2/ 5/74	6.1	100	80	96	228	274	23.2	28	0	0	1,125	1,350
2/19/74	6.2	43	78	40	168	87	18.5	10	16.8	9	1,425	740
3/13/74	6.1	36	44	19	138	60	2.3	1	0	0	1,325	570
4/18/74	6.2	63	4	3	216	163	12.5	10	9.0	7	1,900	1,440
5/16/74	6.2	25	40	12	296	89	7.3	2	0	0	1,575	470
6/25/74		10	L O S T I N T R A N S I T									
7/22/74	6.2	9	34	4	224	24	5.9	1	2.2	0	1,800	200
8/14/74	6.6	56	270	182	186	125	4.9	3	0	0	1,875	1,260
9/20/74	6.2	14	52	9	120	20	.3	0	0	0	2,250	380
10/28/74	5.8	15	16	3	78	14	13.7	2	12.3	2	2,500	450
11/21/74	5.9	5	24	1	56	3	12.4	1	2.2	0	2,225	130
12/18/74	6.3	Data Missing	40		110		66.8		0		2,050	
AVERAGE	6.1	34	62	37	165	86	15.2	6	3.9	2	1,780	680

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. PG-17

SL 130-7

DATE	PH	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/14/73	3.4	3	15	420	0	0	0	2.5	0	0	0	1,251	40
1/17/74	3.1	38	156	342	0	0	0	31.8	14	0	0	975	440
2/19/74	2.9	22	150	580	0	0	0	54.4	14	0	0	1,300	340
3/18/74	2.9	29	310	900	0	0	0	63.4	22	0	0	875	300
4/25/74	2.9	14	80	492	0	0	0	56.8	10	0	0	1,025	170
5/28/74	2.9	6	60	760	0	0	0	36.6	3	0	0	1,225	90
6/28/74	3.0	7	40	480	0	0	0	9.9	1	0	0	1,050	90
7/26/74	3.1	1	2	174	0	0	0	4.9	0	0	0	850	10
8/19/74	3.0	1	6	500	0	0	0	3.6	0	0	0	900	10
9/25/74	3.3	4	13	278	0	0	0	3.9	0	0	0	1,500	70
10/29/74	3.7	1	1	124	0	0	0	.7	0	0	0	1,350	20
11/25/74	3.8	16	43	226	0	0	0	0	0	0	0	1,300	250
12/19/74	2.9	40	340 ⁽¹⁾	700	0	0	0	36.9	18	0	0	1,450	700
AVERAGE	3.1	14	90	460	0	0	0	23.5	6	0	0	1,160	200

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-18

DATE	P H	FLOW G P M	ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
			CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/15/73	3.1	9	680	74	0	0	54.4	6	0	0	1,025	110
2/ 1/74	3.0	11	420	55	0	0	67.9	9	0	0	1,175	160
2/19/74	3.0	12	370	53	0	0	85.1	12	17.9	3	1,275	180
3/18/74	3.1	9	360	39	0	0	35.3	4	0	0	1,100	120
4/24/74	3.1	10	264	32	0	0	47.7	6	0	0	850	100
5/28/74	3.1	9	280	30	0	0	54.0	6	53.8	6	975	100
6/27/74		10	S A M P L E L O S T I N T R A N S I T									
7/25/74	3.1	9	250	27	0	0	49.6	5	0	0	975	100
8/19/74	3.0	8	500	48	0	0	33.3	3	0	0	1,000	100
9/24/74	3.1	8	348	33	0	0	35.8	3	34.7	3	1,075	100
10/29/74	3.2	7	388	33	0	0	72.0	6	67.2	6	1,350	110
11/25/74	2.9	7	640	50	0	0	60.5	5	60.5	5	1,450	120
12/19/74	3.2	9	264	29	0	0	27.2	3	0	0	1,450	160
AVERAGE	3.1	9	397	40	0	0	51.9	6	19.5	2	1,140	120

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-19

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M		CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/15/73	2.7	207		1,040	2,580	0	0	259.6	645	0	0	1,525	3,790
1/31/74	2.7	154		920	1,700	0	0	190.3	352	0	0	800	1,480
2/19/74	2.2	130		640	1,000	0	0	179.3	280	0	0	1,200	1,870
3/18/74	2.8	220		580	1,530	0	0	87.4	231	0	0	850	2,250
4/24/74	2.7	130		592	920	0	0	125.0	195	0	0	900	1,400
5/28/74	2.8	117		520	730	0	0	126.0	177	0	0	1,050	1,480
6/27/74		93		S A M P L E L O S T I N T R A N S I T									
7/25/74	3.6	93		552	617	0	0	118.0	132	95.2	106	925	1,030
8/19/74	2.7	73		700	610	0	0	97.4	85	5.6	5	1,100	960
9/24/74	2.8	93		800	890	0	0	97.2	109	29.1	32	1,300	1,450
10/29/74	2.8	61		700	510	0	0	96.5	71	35.8	26	1,500	1,100
11/25/74	4.2	182		192	419	0	0	32.9	72	19.0	42	850	1,860
12/19/74	2.9	249		500	1,790	0	0	39.8	119	0	0	1,425	4,260
AVERAGE	2.7	138		653	1,110	0	0	121.0	206	15.4	18	1,120	1,910

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. PG-20

SL 130-7

DATE	P H	FLOW G P M	ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
			CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/19/73	3.6	5	160	10	0	0	1.7	0	0	0	926	60
2/ 1/74	3.5	17	194	40	0	0	2.3	0	0	0	675	140
2/19/74	3.4	20	306	74	0	0	5.6	1	0	0	1,375	330
3/19/74	3.6	29	160	56	0	0	.9	0	0	0	475	160
4/25/74	3.6	16	132	25	0	0	1.7	0	0	0	825	160
5/28/74	3.4	14	290	49	0	0	3.9	1	0	0	1,325	220
6/28/74	3.3	11	254	34	0	0	2.7	0	0	0	975	130
7/26/74	3.2	7	138	12	0	0	4.4	0	0	0	900	80
8/20/74	3.3	20	180	43	0	0	3.5	1	0	0	950	230
9/25/74	3.5	6	186	13	0	0	4.3	0	0	0	1,625	120
10/30/74	3.4	3	204	7	0	0	7.6	0	0	0	1,825	70
11/26/74	3.5	6	116	8	0	0	.8	0	0	0	1,050	80
12/30/74	3.7	20	124	30	0	0	.6	0	0	0	875	210
AVERAGE	3.4	13	188	31	0	0	3.1	0	0	0	1,060	150

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-21

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/19/73	4.6	6	6	90	2	0	.3	0	0	0	0	1,551	110
2/ 1/74	4.4	23	31	114	0	0	.1	0	0	0	0	1,150	320
2/19/74	4.4	18	27	124	0	0	.3	0	0	0	0	1,350	290
3/19/74	4.4	19	31	134	0	0	0	0	0	0	0	950	220
4/25/74	4.3	16	18	92	0	0	.2	0	0	0	0	1,550	300
5/28/74	4.3	12	27	186	0	0	.2	0	0	0	0	1,525	220
6/28/74	4.2	9	14	128	0	0	.2	0	0	0	0	1,525	160
7/26/74	4.1	5	5	84	0	0	0	0	0	0	0	1,475	90
8/20/74	4.4	4	4	80	0	0	1.3	0	0	0	0	1,550	70
9/25/74	4.5	6	5	72	0	0	.6	0	0	0	0	1,950	140
10/30/74	4.5	4	3	64	0	0	3.7	0	0	0	0	1,750	80
11/26/74	5.0	5	4	60	8	0	0	0	0	0	0	2,200	130
12/30/74	4.7	18	11	50	6	1	.1	0	0	0	0	1,875	400
AVERAGE	4.4	11	14	98	1	0	.6	0	0	0	0	1,570	200

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-22

DATE	PH	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	
11/19/73	3.6	49	136	80	0	0	0	3.6	2	0	0	1,101	650
2/ 1/74	3.7	90	140	151	0	0	0	1.2	1	0	0	1,050	1,140
2/19/74	3.6	107	170	218	0	0	0	1.7	2	0	0	975	1,250
3/19/74	3.7	82	68	67	0	0	0	1.1	1	0	0	925	910
4/25/74	3.7	37	118	52	0	0	0	1.4	1	0	0	825	370
5/28/74	3.5	101	166	201	0	0	0	1.9	2	0	0	1,100	1,330
6/28/74	3.3	93	170	190	0	0	0	2.3	3	0	0	1,050	1,170
7/26/74	3.1	61	130	95	0	0	0	4.1	3	0	0	975	710
8/21/74	3.3	41	152	75	0	0	0	4.6	2	0	0	975	480
9/25/74	3.6	14	112	19	0	0	0	2.4	0	0	0	1,300	220
10/30/74	3.4	44	150	79	0	0	0	3.4	2	0	0	1,550	820
11/26/74	3.8	62	164	122	0	0	0	.5	0	0	0	1,225	910
12/30/74	3.8	92	80	88	0	0	0	.4	0	0	0	2,000	2,210
AVERAGE	3.5	67	135	111	0	0	0	2.2	2	0	0	1,160	940

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-24

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M		CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day
11/20/73	2.6	2	80	3,500	0	0	0	508.2	12	89.6	2	4,000	100
2/ 1/74	2.7	25	380	1,280	0	0	0	178.3	54	0	0	2,750	830
/28/74	2.8	25	450	1,500	0	0	0	257.3	16	0	0	1,975	120
3/19/74	2.8	35	590	1,400	0	0	0	102.6	43	0	0	1,450	610
4/25/74	2.5	25	400	1,320	0	0	0	158.0	47	0	0	975	290
5/30/74	2.8	10	140	1,160	0	0	0	161.0	19	0	0	2,100	250
6/28/74	3.3	5	22	370	0	0	0	25.1	2	0	0	875	50
7/26/74		0											
8/20/74	5.8	2	2	70	40	1	1	23.3	1	0	0	1,450	40
9/25/74	6.0	1	0	28	66	1	1	2.4	0	0	0	2,025	20
10/29/74	5.7	2	1	32	74	2	2	26.6	1	11.2	0	1,700	40
11/26/74	7.1	2	0	0	256	6	6	.6	0	0	0	1,550	40
12/30/74	6.5	2	1	46	104	2	2	14.1	0	13.4	0	1,550	40
AVERAGE	3.0	11	170	892	45	1	1	121.0	16	9.5	0	1,870	200

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-25

DATE	P H	FLOW G P M	ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
			CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy
11/20/73	2.7	2	3,700	90	0	0	320.4	8	89.6	2	3,750	90
2/ 1/74	2.2	16	1,020	200	0	0	280.1	54	0	0	1,250	240
2/28/74	2.9	5	1,180	70	0	0	299.9	18	29.1	2	2,525	150
3/19/74	2.9	5	1,320	80	0	0	109.1	7	76.2	5	1,575	100
4/25/74	2.5	4	820	40	0	0	158.0	8	0	0	2,225	110
5/30/74	2.8	2	1,240	30	0	0	182.0	4	6.7	0	1,950	50
6/28/74	2.7	2	1,200	30	0	0	233.0	6	0	0	2,175	50
7/26/74	--	0	DISCHARGE ELIMINATED BY STRIP MINING OPERATIONS									
8/20/74	--	0										
9/ /74	--	0										
10/29/74	--	0										
11/26/74	--	0										
12/25/74	--	0										
AVERAGE	2.6	6	1,497	80	0	0	226.0	15	28.8	1	2,210	110

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-26

DATE	P H	FLOW G P M	ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
			CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day
11/20/73	2.7	178	1,460	3,120	0	0	671.0	1,434	436.8	934	3,750	8,020
2/ 5/74	2.6	454	2,280	12,430	0	0	608.9	3,320	0	0	1,800	9,810
2/28/74	2.7	369	1,780	7,890	0	0	514.6	2,281	93.0	412	2,450	10,860
3/19/74	2.8	1,010	2,140	25,960	0	0	708.5	8,594	247.5	3,002	1,975	23,960
4/25/74	2.5	1,530	1,500	27,560	0	0	309.0	5,678	1.1	21	1,600	29,400
5/30/74	2.8	848	2,760	28,110	0	0	575.0	5,856	319.2	3,251	3,500	35,640
6/28/74	2.9	150	1,950	3,510	0	0	670.0	1,207	616.0	1,110	2,075	3,740
7/26/74	2.5	474	1,400	7,970	0	0	515.0	2,932	0	0	2,075	11,810
8/20/74	2.8	310	1,600	5,960	0	0	161.7	602	0	0	1,525	5,680
9/25/74	2.8	556	1,000	6,680	0	0	146.5	978	97.4	650	2,275	15,190
10/29/74	3.0	257	1,000	3,087	0	0	295.0	910	224.0	691	4,200	12,960
11/26/74	4.4	180	98	212	0	0	4.7	10	0	0	2,075	4,490
12/30/74	3.0	228	400	1,095	0	0	63.9	175	56.0	153	2,250	6,160
AVERAGE	2.8	503	1,490	10,280	0	0	403.0	2,614	161.0	786	2,430	13,670

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-27

DATE	P H	FLOW G P M	ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
			CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/20/73	3.6	25	3,820	1,147	0	0	10.0	3	0	0	1,975	590
2/ 1/74	3.3	53	178	113	0	0	16.4	10	0	0	1,300	830
2/19/74	3.3	50	174	104	0	0	15.2	9	5.6	3	1,725	1,040
3/19/74	3.4	60	156	112	0	0	15.3	11	0	0	1,200	860
4/25/74	3.2	43	220	114	0	0	7.7	4	0	0	1,350	700
5/30/74	3.5	40	152	73	0	0	6.4	3	0	0	1,300	620
6/28/74	3.4	27	300	97	0	0	3.6	1	0	0	1,325	430
7/26/74	3.1	16	108	21	0	0	5.8	1	0	0	1,725	330
8/20/74	3.6	11	144	19	0	0	5.9	1	0	0	2,625	350
9/25/74	3.6	22	98	26	0	0	7.2	2	0	0	1,875	500
10/29/74	3.9	14	70	12	0	0	7.9	1	5.6	1	2,475	420
11/26/74	4.4	29	98	34	0	0	4.7	2	0	0	2,075	720
12/30/74	3.4	84	86	87	0	0	4.5	4	0	0	1,825	1,840
AVERAGE	3.4	36	431	151	0	0	8.5	4	.9	0	1,750	710

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-28

DATE	p H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
11/20/73	3.1	5	240	14	0	0	0	17.4	1	0	0	920	60
1/17/74	3.0	9	284	31	0	0	0	9.4	1	0	0	300	30
2/19/74	3.2	6	228	16	0	0	0	9.4	1	0	0	700	50
3/18/74	3.2	9	240	26	0	0	0	5.3	1	0	0	775	80
4/25/74	3.1	4	210	10	0	0	0	4.1	0	0	0	350	20
5/28/74	3.3	3	194	7	0	0	0	2.5	0	0	0	575	20
6/28/74	3.0	4	380	18	0	0	0	11.0	0	0	0	375	20
7/26/74	3.0	1	500	6	0	0	0	7.8	0	0	0	725	10
8/19/74	-	0											
9/25/74	3.2	3	322	12	0	0	0	15.1	0	4.5	0	1,100	40
10/29/74	-	0											
11/26/74	3.1	7	322	27	0	0	0	9.5	1	0	0	1,000	80
12/30/74	3.1	10	240	29	0	0	0	5.4	1	0	0	850	100
AVERAGE	3.1	5	243	15	0	0	0	7.5	0	.3	0	590	40

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-29

DATE	PH	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM		CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy
11/20/73	5.6	1	80		1	14	0	.1	0	0	0	3,500	40
2/1/74	5.7	3	26		1	56	2	0	0	0	0	240	10
2/19/74	5.7	1	50		1	48	1	.1	0	0	0	3,250	40
3/19/74	5.7	11	40		5	44	6	0	0	0	0	3,125	410
4/25/74	5.3	12	24		3	32	5	.2	0	0	0	3,125	450
5/30/74	5.7	11	36		5	34	4	.2	0	0	0	3,625	480
6/28/74	5.5	6	40		3	40	3	.1	0	0	0	3,175	230
7/26/74	5.5	5	52		3	42	3	0	0	0	0	4,750	280
8/20/74	5.8	3	34		1	58	2	1.2	0	0	0	4,975	180
9/25/74	6.0	3	42		2	44	2	.7	0	0	0	4,250	150
10/30/74	5.6	7	32		3	44	4	0	0	0	0	6,800	570
11/26/74	6.1	4	96		5	68	3	0	0	0	0	4,900	240
12/30/74	6.1	8	34		3	62	6	.5	0	0	0	4,600	440
AVERAGE	5.7	6	45		3	45	3	.2	0	0	0	3,870	270

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-30

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/21/73	2.7	19	810	3,560	0	0	0	340.1	80	0	0	4,000	910
2/ 1/74	2.9	44	990	1,880	0	0	0	178.3	94	0	0	3,750	1,980
2/28/74	2.8	39	960	2,060	0	0	0	250.0	117	0	0	3,250	1,520
3/19/74	2.9	39	700	1,500	0	0	0	84.0	39	0	0	3,000	1,400
4/25/74	2.7	39	750	1,600	0	0	0	121.0	57	0	0	3,250	1,520
5/30/74	2.8	45	1,080	2,000	0	0	0	130.0	70	0	0	3,800	2,050
6/28/74	2.7	24	820	2,850	0	0	0	257.0	74	0	0	3,375	970
7/26/74	2.7	39	1,640	3,500	0	0	0	348.0	163	0	0	5,025	2,350
8/20/74	2.9	20	1,010	4,200	0	0	0	168.3	40	0	0	5,125	1,230
9/25/74	2.9	39	1,120	2,400	0	0	0	139.1	65	0	0	4,000	1,870
10/30/74	2.8	22	1,450	5,500	0	0	0	495.0	131	125.4	33	8,750	2,310
11/26/74	2.9	51	1,560	2,540	0	0	0	263.0	161	11.2	7	4,800	2,940
12/30/74	3.0	59	1,205	1,700	0	0	0	80.0	57	79.5	56	4,450	3,153
AVERAGE	2.8	37	1,080	2,715	0	0	0	220.0	88	62.7	7	4,350	1,860

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-31

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
11/21/73	2.8	21	4,000	1,010	0	0	907.4	229	627.2	158	4,500	1,140	
1/25/74	2.7	36	3,440	1,490	0	0	971.8	420	6.7	3	2,875	1,240	
2/28/74	2.9	40	3,700	1,780	0	0	1185.3	569	952.0	457	4,125	1,980	
3/19/74	2.9	29	3,600	1,250	0	0	1120.9	390	1064.0	371	5,025	1,750	
4/25/74	2.6	24	3,400	980	0	0	1025.0	295	918.4	265	3,500	1,010	
5/30/74	2.9	20	3,000	720	0	0	1115.0	268	672.0	161	5,250	1,260	
6/28/74	2.6	20	3,700	890	0	0	1500.0	360	448.0	108	6,000	1,440	
7/26/74	2.8	17	4,800	980	0	0	1400.0	286	1254.4	256	3,450	700	
8/20/74	3.0	8	5,400	519	0	0	918.0	88	672.0	65	5,375	520	
9/25/74	3.0	19	4,300	981	0	0	649.0	148	112.0	26	4,800	1,100	
10/30/74	3.1	9	5,600	605	0	0	1470.0	159	1120.0	121	7,500	810	
11/26/74	2.9	2	4,100	100	0	0	1405.0	34	1120.0	27	7,000	170	
12/30/74	2.8	13	2,800	437	0	0	209.0	33	33.6	5	4,750	740	
AVERAGE	2.8	20	3,988	903	0	0	1067.0	252	692.0	156	4,940	1,070	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. PG-32

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
11/21/73	2.8	3	2,940	110	0	0	176.6	6	0	0	0	3,750	140
1/25/74	2.8	25	2,420	730	0	0	229.0	69	0	0	0	3,125	940
2/28/74	2.7	6	3,060	220	0	0	458.0	33	0	0	0	4,125	300
3/19/74	2.7	4	3,100	150	0	0	133.0	6	0	80.6	4	3,625	170
4/25/74	2.6	4	3,120	150	0	0	471.0	23	0	0	0	3,750	180
5/30/74	2.7	5	3,200	190	0	0	367.0	22	0	0	0	4,975	300
6/28/74	2.5	4	3,600	170	0	0	370.0	18	0	0	0	2,475	120
7/26/74	2.6	2	3,700	90	0	0	499.0	12	0	0	0	6,250	150
8/20/74	-	0											
9/25/74	2.9	1	3,200	40	0	0	134.8	2	0	0	0	3,950	50
10/30/74	-	0	0	0	0	0	0	0	0	0	0	0	0
11/26/74	3.0	10	1,820	219	0	0	78.4	9	0	0	0	3,400	410
12/30/74	3.1	3	8,800	317	0	0	1075.0	39	0	1064.0	38	8,000	290
AVERAGE	2.7	5	2,997	180	0	0	307.0	18	0	88.0	3	3,650	250

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-33

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
11/21/73	3.6	3	240	9	0	0	5.8	0	0	0	0	1,901	70
1/25/74	3.5	5	178	11	0	0	8.4	0	0	0	0	875	50
2/19/74	3.6	3	120	4	0	0	6.0	0	0	2.2	0	800	30
3/19/74	3.4	4	172	8	0	0	11.9	1	0	0	0	1,025	50
4/25/74	3.4	2	300	7	0	0	6.7	0	0	0	0	875	20
5/30/74	4.2	2	62	1	0	0	1.1	0	0	0	0	1,075	30
6/28/74	3.6	2	172	4	0	0	1.7	0	0	0	0	1,750	40
7/26/74		0											
8/20/74		0											
9/25/74		0											
10/30/74		0											
11/26/74		0											
12/19/74		0											
AVERAGE	3.6	2	178	4	0	0	5.9	0	0	.3	0	1,910	50

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. PG-34

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
11/21/73	3.8	1	120	1	0	0	0	8.4	0	0	0	975	10
1/25/74	4.5	5	52	3	0	0	0	9.4	1	0	0	750	40
2/28/74	3.8	1	94	1	0	0	0	7.4	0	0	0	800	10
3/19/74	4.3	3	90	3	0	0	0	4.7	0	0	0	775	30
4/25/74	3.9	2	100	2	0	0	0	5.2	0	0	0	550	10
5/30/74	5.1	5	20	1	20	1	20	2.4	0	0	0	725	40
6/28/74	4.5	2	54	1	0	0	0	4.7	0	0	0	1,175	30
7/26/74	3.4	1	140	2	0	0	0	11.3	0	0	0	1,050	10
8/20/74		0											
9/25/74	4.9	1	52	1	10	0	10	3.2	0	0	0	1,050	10
10/30/74		0											
11/26/74	5.1	3	36	1	22	1	22	9.3	0	2.2	0	1,150	40
12/30/74	5.3	3	68	2	14	0	14	4.1	0	3.4	0	1,325	50
AVERAGE	4.1	2	64	1	5	0	5	5.4	0	.4	0	790	20

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-35

DATE	p H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	
11/21/73	2.7	20	1,320	320	0	0	289.7	70	0	0	0	1,524	370
1/25/74	2.7	32	860	330	0	0	172.4	66	0	0	0	1,075	410
2/28/74	2.7	26	1,300	410	0	0	330.5	103	0	0	0	1,425	440
3/19/74	2.7	22	1,400	370	0	0	103.4	27	0	0	0	1,200	320
4/25/74	2.7	21	1,200	300	0	0	209.0	53	0	0	0	1,050	260
5/30/74	2.7	23	840	230	0	0	181.0	50	0	0	0	1,400	390
6/28/74	2.5	24	1,200	350	0	0	208.0	60	0	0	0	2,025	580
7/26/74	2.6	19	2,500	570	0	0	314.0	72	0	0	0	1,450	330
8/20/74	2.9	18	1,100	240	0	0	124.5	27	0	0	0	1,650	360
9/25/74	2.7	20	1,100	260	0	0	143.2	34	4.5	1	1	2,125	510
10/30/74	2.8	20	1,800	430	0	0	220.0	53	41.4	10	10	10,000	2,400
11/26/74	2.9	13	940	150	0	0	139.0	22	0	0	0	2,225	350
12/30/74	2.9	32	800	310	0	0	64.5	25	28.0	11	11	1,725	660
AVERAGE	2.7	22	1,258	330	0	0	192.0	51	5.7	2	2	2,220	570

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. PG-36

DATE	P H	FLOW G P M	ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
			CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day
11/21/73	2.6	8	1,320	130	0	0	306.3	29	0	0	1,770	170
1/25/74	2.7	26	940	290	0	0	264.8	83	0	0	1,400	440
2/28/74	2.7	19	1,040	240	0	0	339.6	78	0	0	1,300	300
3/19/74	2.7	14	700	120	0	0	102.1	17	0	0	975	160
4/25/74	2.6	5	1,400	80	0	0	317.0	19	0	0	1,450	90
5/30/74	2.6	19	1,280	290	0	0	284.0	65	0	0	1,550	350
6/28/74	2.5	22	1,460	390	0	0	364.0	96	0	0	2,200	580
7/26/74	2.5	2	3,000	70	0	0	725.0	17	0	0	3,300	80
8/20/74		0										
9/25/74	2.7	12	1,200	170	0	0	186.9	27	3.4	0	1,800	260
10/30/74	2.7	4	3,100	150	0	0	555.0	27	448.0	22	4,800	230
11/26/74	2.7	10	820	100	0	0	156.0	19	13.4	2	1,625	200
12/30/74	2.9	Data Missing	900		0		288.0		175.8		1,900	
AVERAGE	2.7	12	1,320	170	0	0	299.0	40	49.3	2	1,850	240

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. RW-1

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
10/ 9/73	2.9	5	820	50	0	0	0	42.1	2	0	0	1,970	120
1/31/74	3.0	30	324	117	0	0	0	11.2	4	0	0	1,150	410
2/13/74	2.9	24	500	170	0	0	0	12.2	4	0	0	975	280
3/ 7/74	3.1	17	434	89	0	0	0	9.7	2	0	0	975	200
4/15/74	3.0	35	418	176	0	0	0	15.8	7	0	0	1,700	720
5/16/74	3.0	28	660	222	0	0	0	16.1	5	0	0	1,150	390
6/20/74	2.9	25	760	230	0	0	0	16.5	5	0	0	2,200	660
7/17/74	2.9	9	600	60	0	0	0	13.5	2	0	0	1,775	190
8/12/74	3.0	5	600	36	0	0	0	14.5	1	0	0	1,700	100
9/11/74	2.9	13	500	80	0	0	0	10.4	2	0	0	1,525	240
10/21/74	3.0	5	600	36	0	0	0	12.0	1	0	0	2,025	120
11/15/74	3.2	4	394	19	0	0	0	18.7	1	0	0	1,625	80
12/17/74	3.2	24	280	81	0	0	0	16.0	5	0	0	1,250	360
AVERAGE	3.0	17	530	100	0	0	0	16.1	3	0	0	1,540	300

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-1

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	
9/13/73	3.2	340	360	1,470	0	0	261	64.0	45.0	184	1,100	4,490	
12/17/73	2.9	489	200	1,180	0	0	336	57.2	0	0	875	5,140	
2/ 8/74	2.8	1,232	260	3,850	0	0	931	62.9	0	0	325	4,910	
3/ 1/74	3.0	1,337	380	6,102	0	0	780	48.6	0	0	600	9,630	
4/ 3/74	2.8	1,479	320	5,680	0	0	659	37.1	0	0	575	10,210	
5/ 8/74	3.1	1,607	280	5,404	0	0	735	38.1	0	0	950	18,340	
6/18/74	2.9	1,266	388	5,900	0	0	607	39.9	0	0	625	9,500	
7/16/74	3.2	1,327	246	3,921	0	0	570	35.8	0	0	800	12,750	
8/ 8/74	2.8	875	300	3,150	0	0	379	36.1	0	0	875	9,200	
9/ 6/74	2.9	1,297	600	9,350	0	0	389	25.0	0	0	1,225	19,080	
10/ 7/74	3.2	1,093	242	3,177	0	0	595	45.3	0	0	850	11,160	
11/ 7/74	2.9	870	340	3,550	0	0	401	38.4	38.1	0	1,025	10,700	
12/11/74	3.3	1,323	170	2,701	0	0	273	17.2	0	0	925	14,700	
AVERAGE	3.0	1,118	314	4,260	0	0	532	42.0	6.4	14	830	10,755	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-2

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb./Day	CONCENTRATION MG/L	LOAD Lb./Day	CONCENTRATION MG/L	LOAD Lb./Day	CONCENTRATION MG/L	LOAD Lb./Day	CONCENTRATION MG/L	LOAD Lb./Day	
9/13/74	2.9	142	1,100	1,880	0	0	250.0	426	34.0	58	2,100	3,580	
12/17/73	2.6	101	600	730	0	0	214.2	260	0	0	1,425	1,730	
2/ 5/74	2.6	117	640	900	0	0	155.4	218	0	0	925	1,300	
3/ 6/74	2.8	145	860	1,500	0	0	71.6	125	0	0	1,100	1,920	
4/10/74	2.6	274	820	2,700	0	0	67.1	221	0	0	1,350	4,440	
5/ 9/74	2.8	225	600	1,620	0	0	77.9	210	0	0	1,550	4,190	
6/18/74	2.8	225	850	2,300	0	0	78.2	211	0	0	1,375	3,720	
7/16/74	2.9	130	900	1,400	0	0	74.9	117	0	0	1,175	1,840	
8/ 9/74	2.6	117	700	980	0	0	71.4	100	0	0	1,475	2,070	
9/ 9/74	2.7	182	1,000	2,190	0	0	80.6	176	0	0	1,875	4,100	
10/18/74	3.1	130	580	906	0	0	78.7	123	2.3	4	1,375	2,150	
11/13/74	3.0	182	800	1,749	0	0	75.4	165	0	0	1,425	3,110	
12/13/74	3.1	182	394	861	0	0	30.4	66	0	0	1,425	3,120	
AVERAGE	2.8	166	757	1,520	0	0	102.0	186	2.8	5	1,430	2,870	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-3

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
9/17/73	2.6	3	1,700	60	0	0	0	340.0	12	1.9	0	2,700	100
12/19/73	2.5	4	900	40	0	0	0	95.5	5	0	0	1,325	60
2/ 8/74	2.5	6	640	50	0	0	0	54.4	4	0	0	675	50
3/ 4/74	2.6	3	820	30	0	0	0	53.0	2	1.1	0	725	30
4/10/74	2.4	5	580	40	0	0	0	41.3	2	0	0	675	40
5/13/74	2.6	4	740	40	0	0	0	44.1	2	0	0	1,125	50
6/19/74	2.6	3	850	30	0	0	0	50.0	2	0	0	1,325	50
7/17/74	2.6	2	800	20	0	0	0	42.4	1	0	0	1,025	20
8/ 9/74	2.7	2	900	20	0	0	0	53.8	1	0	0	1,075	30
9/ 9/74	2.5	3	1,300	50	0	0	0	50.3	2	0	0	1,300	50
10/21/74	2.8	2	1,000	20	0	0	0	67.6	2	3.4	0	1,075	30
11/13/74	2.6	3	1,000	40	0	0	0	74.6	3	0	0	1,250	40
12/13/74	2.8	2	800	20	0	0	0	19.0	0	0	0	1,150	30
AVERAGE	2.6	3	925	30	0	0	0	75.8	3	.5	0	1,190	40

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-4

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
9/17/73	2.9	40	460	220	0	0	32.0	15	.9	0	1,000	480	
12/19/73	2.8	41	500	250	0	0	33.0	16	0	0	1,050	520	
2/ 8/74	2.8	111	280	370	0	0	31.1	42	0	0	575	770	
3/ 4/74	2.9	98	500	590	0	0	26.4	31	0	0	700	820	
4/10/74	2.8	177	300	640	0	0	21.3	45	0	0	525	1,120	
5/13/74	3.0	126	200	303	0	0	19.5	30	0	0	800	1,210	
6/19/74	2.9	83	360	360	0	0	18.7	19	0	0	550	550	
7/17/74	3.0	99	600	713	0	0	17.4	21	0	0	650	770	
8/ 9/74	2.9	65	700	550	0	0	16.6	13	0	0	600	470	
9/ 9/74	2.8	76	500	460	0	0	14.9	14	0	0	950	870	
10/21/74	3.2	91	310	339	0	0	21.8	24	2.2	2	1,050	1,150	
11/ 3/74	2.9	64	500	380	0	0	21.9	17	4.5	4	925	710	
12/13/74	3.3	143	208	357	0	0	52.3	90	3.4	6	850	1,460	
AVERAGE	2.9	93	417	420	0	0	25.1	29	.8	1	790	840	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-5

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
9/17/73	2.7	95	1,200	1,370	0	0	230.0	262	2.4	3	2,000	2,280	
12/19/73	2.7	69	600	500	0	0	104.4	86	0	0	1,300	1,080	
2/ 8/74	2.6	106	620	790	0	0	89.6	114	0	0	900	1,150	
3/ 4/74	2.7	93	680	760	0	0	67.9	76	1.1	1	675	750	
4/10/74	2.6	151	660	1,200	0	0	68.7	125	0	0	850	1,540	
5/13/74	2.8	97	460	540	0	0	59.8	70	0	0	1,150	1,340	
6/19/74	2.7	71	600	510	0	0	65.5	56	0	0	825	700	
7/17/74	2.7	72	620	540	0	0	52.4	45	3.4	3	950	820	
8/ 9/74	2.7	44	800	420	0	0	65.6	35	0	0	975	520	
9/ 9/74	2.6	94	1,000	1,120	0	0	59.8	68	0	0	1,125	1,270	
10/21/74	3.1	33	632	250	0	0	70.3	30	0	0	1,000	400	
11/13/74	2.8	10	7,000	840	0	0	65.7	8	0	0	1,100	130	
12/13/74	2.9	201	1,000	2,410	0	0	84.0	203	2.2	5	1,175	2,840	
AVERAGE	2.7	87	1,221	860	0	0	83.4	90	.7	1	1,080	1,140	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-6

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
9/17/73	2.7	42	950	480	0	0	180.0	91	1.9	1	1,600	810	
12/19/73	2.8	16	400	80	0	0	32.1	6	0	0	875	170	
2/ 8/74	3.8	11	106	14	0	0	7.9	1	0	0	275	40	
3/ 4/74	3.4	10	112	13	0	0	3.4	0	0	0	325	40	
4/10/74	3.4	12	100	14	0	0	5.4	1	0	0	350	50	
5/13/74	3.8	20	56	13	0	0	3.4	1	0	0	325	80	
6/19/74	3.5	8	110	11	0	0	4.9	0	0	0	350	30	
7/17/74	3.5	7	146	12	0	0	6.9	1	0	0	600	50	
8/ 9/74	2.9	2	300	10	0	0	7.1	0	0	0	750	20	
9/ 9/74	3.2	7	132	11	0	0	7.1	1	0	0	1,000	80	
10/21/74	3.8	4	122	6	0	0	6.9	0	5.6	0	725	40	
11/13/74	4.4	10	32	4	0	0	.1	0	0	0	450	50	
12/13/74	4.7	24	44	13	6	2	7.7	2	3.4	1	350	100	
AVERAGE	3.2	13	201	52	0	0	21.0	8	2.2	0	610	120	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-7

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
9/17/73	2.9	65	510	400	0	0	71.0	55	.9	1	1,100	860	
12/19/73	2.9	173	500	1,040	0	0	32.1	67	0	0	900	1,870	
2/ 8/74	2.8	303	340	1,240	0	0	12.6	46	0	0	575	2,090	
3/ 4/74	2.9	189	400	910	0	0	17.8	40	0	0	775	1,760	
4/10/74	2.9	314	280	1,060	0	0	12.9	49	0	0	575	2,170	
5/13/74	3.0	249	320	957	0	0	18.5	55	0	0	950	2,840	
6/19/74	2.9	203	370	900	0	0	18.9	46	0	0	600	1,460	
7/17/74	2.9	145	360	630	0	0	19.6	34	0	0	900	1,570	
8/ 9/74	2.9	107	500	640	0	0	22.4	29	0	0	700	900	
9/ 9/74	2.9	107	600	770	0	0	19.6	25	0	0	900	1,160	
10/21/74	3.2	117	410	576	0	0	17.8	26	6.7	9	950	1,340	
11/13/74	3.0	86	500	516	0	0	25.2	26	0	0	1,050	1,085	
12/13/74	3.2	163	302	591	0	0	43.2	85	0	0	800	1,570	
AVERAGE	2.9	170	415	790	0	0	25.5	45	.6	1	830	1,590	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-8

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
9/18/73	2.8	1	10	610	0	0	0	110.0	1	1.4	0	1,300	20
12/26/73	2.9	1	0	300	0	0	0	69.8	1	0	0	950	10
2/12/74	2.8	3	10	240	0	0	0	26.8	1	0	0	350	10
3/ 6/74	2.8	2	10	560	0	0	0	85.1	2	0	0	825	20
4/10/74	2.7	2	10	400	0	0	0	69.5	2	0	0	1,025	20
5/13/74	2.9	3	10	280	0	0	0	25.5	1	0	0	1,150	40
6/19/74	2.9	2	10	500	0	0	0	48.8	1	0	0	1,075	30
7/17/74	3.2	2	4	180	0	0	0	2.9	0	0	0	725	20
8/ 9/74	2.8	1	10	500	0	0	0	42.7	0	0	0	825	10
9/ 9/74	2.7	1	10	1,000	0	0	0	38.9	0	0	0	1,250	20
10/21/74	4.0	1	2	126	0	0	0	25.9	0	7.8	0	600	10
11/15/74	4.2	2	1	60	0	0	0	31.9	1	4.5	0	525	10
12/16/74	3.5	4	3	64	0	0	0	58.3	3	12.3	1	425	20
AVERAGE	2.9	2	10	371	0	0	0	48.9	1	2.0	0	850	20

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-9

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day
9/18/73	2.9	22	130	500	0	0	76.0	20	1.2	0	1,200	320	
12/19/73	5.2	32	22	56	52	20	100.9	39	0	0	395	150	
2/12/74	6.0	68	8	10	76	62	10.0	8	0	0	275	220	
3/ 6/74	6.0	58	42	60	142	99	5.2	4	0	0	250	170	
4/10/74	6.4	109	110	84	190	249	0	0	0	0	225	300	
5/13/74	6.6	51	17	28	68	42	0	0	0	0	175	110	
6/19/74	7.1	31	0	0	220	82	7.4	3	0	0	225	80	
7/17/74	6.6	16	7	38	292	56	9.8	2	0	0	225	40	
8/ 9/74	4.2	9	10	90	0	0	15.6	2	0	0	350	40	
9/ 9/74	5.8	38	25	54	114	52	17.8	8	0	0	375	170	
10/21/74	4.4	30	28	78	0	0	17.1	6	13.4	5	650	230	
11/15/74	5.2	124	21	14	34	51	.3	0	0	0	500	740	
12/16/74	7.1	1,024	0	0	90	1,181	5.2	64	1.1	14	175	2,150	
AVERAGE	4.0	124	30	78	102	146	20.4	12	3.3	1	390	360	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-10

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
9/18/73	2.9	11	820	110	0	0	98.0	13	.8	0	1,400	180	
12/19/73	2.7	14	600	100	0	0	100.0	17	0	0	1,025	170	
2/12/74	2.6	37	740	320	0	0	94.3	42	0	0	900	400	
3/ 6/74	2.8	37	900	400	0	0	68.5	30	0	0	650	290	
4/10/74	2.7	79	700	660	0	0	77.3	73	0	0	950	900	
5/13/74	2.8	61	560	410	0	0	48.5	36	0	0	850	620	
6/19/74	2.8	56	860	580	0	0	75.2	51	0	0	875	590	
7/17/74	2.9	33	1,700	670	0	0	69.5	28	0	0	925	370	
8/ 9/74	2.5	14	800	140	0	0	52.6	9	0	0	850	140	
9/ 9/74	2.7	51	660	400	0	0	64.3	39	0	0	1,275	790	
10/21/74	3.0	17	1,000	204	0	0	62.0	13	3.4	1	1,100	220	
11/15/74	2.9	14	700	120	0	0	59.5	10	1.1	0	925	160	
12/16/74	2.9	93	800	890	0	0	66.0	74	11.2	12	1,025	1,140	
AVERAGE	2.8	40	834	390	0	0	72.0	33	1.3	1	980	460	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-11

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
9/18/73	3.2	68	230	188	0	0	32.0	26	0	0	820	670	
12/20/73	3.3	66	154	122	0	0	30.6	24	0	0	600	480	
2/12/74	3.5	193	180	417	0	0	14.3	33	0	0	425	980	
3/ 6/74	3.5	120	210	303	0	0	17.8	26	0	0	425	610	
4/11/74	4.3	186	12	27	0	0	11.9	27	0	0	425	950	
5/13/74	3.9	237	120	342	0	0	11.2	32	0	0	700	1,990	
6/19/74	3.6	194	134	312	0	0	13.3	31	0	0	575	1,340	
7/17/74	3.5	164	160	315	0	0	13.7	27	0	0	750	1,480	
8/ 9/74	2.9	102	400	490	0	0	16.4	20	0	0	550	670	
9/ 9/74	3.8	174	106	222	0	0	12.0	25	0	0	725	1,520	
10/21/74	3.5	125	160	240	0	0	19.3	29	17.9	27	1,075	1,610	
11/15/74	2.8	79	900	850	0	0	72.9	69	4.5	4	1,375	1,300	
12/16/74	5.0	433	54	281	8	42	31.6	164	2.2	12	450	2,340	
AVERAGE	3.4	163	217	320	1	3	22.8	41	1.9	3	680	1,230	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-12

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
9/18/73	3.0	19	260	59	0	0	78.0	18	22.0	5	820	190	
12/20/73	2.9	18	300	60	0	0	65.9	14	0	0	700	150	
2/12/74	2.9	29	120	40	0	0	12.6	4	0	0	300	100	
3/ 6/74	3.0	26	160	50	0	0	39.3	12	0	0	350	110	
4/11/74	3.1	30	140	50	0	0	30.5	11	0	0	400	140	
5/13/74	3.0	31	140	52	0	0	37.6	14	0	0	350	130	
6/19/74	3.0	32	160	61	0	0	30.9	12	0	0	425	160	
7/17/74	3.1	14	138	23	0	0	24.8	4	0	0	625	100	
8/ 9/74	2.8	24	400	110	0	0	29.8	9	0	0	475	140	
9/ 9/74	2.9	27	1,000	320	0	0	26.6	9	0	0	575	190	
10/21/74	3.4	13	242	38	0	0	37.7	6	37.0	6	525	80	
11/15/74	3.1	25	110	33	0	0	39.6	12	38.1	11	675	170	
12/16/74	3.2	30	24	9	0	0	85.0	31	30.2	11	425	150	
AVERAGE	3.0	24	252	70	0	0	41.4	12	9.8	2	500	140	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-13

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
9/19/73	3.2	1	590	7	0	0	21.0	0	0	0	0	1,600	20
12/26/73	3.1	4	362	17	0	0	9.4	0	0	0	0	825	40
2/12/74	2.9	32	660	250	0	0	15.6	6	0	0	0	800	310
3/ 6/74	2.9	23	600	170	0	0	12.9	4	0	0	0	925	260
4/11/74	2.9	50	560	340	0	0	10.5	6	0	0	0	950	570
5/13/74	2.9	44	520	280	0	0	10.1	5	0	0	0	825	440
6/19/74	2.9	30	640	230	0	0	9.3	3	0	0	0	775	280
7/17/74	2.9	14	540	90	0	0	7.4	1	5.6	1	1,375	230	
8/ 9/74	2.9	4	800	40	0	0	6.4	0	0	0	0	1,100	50
9/11/74	2.8	6	500	40	0	0	5.8	0	0	0	0	1,500	110
10/21/74	3.2	1	420	5	0	0	6.1	0	0	0	0	1,175	10
11/15/74	3.3	3	308	11	0	0	7.1	0	0	0	0	1,100	40
12/16/74	3.3	69	164	136	0	0	20.1	17	1.1	1	900	750	
AVERAGE	3.0	22	514	120	0	0	10.9	3	.5	0	1,070	240	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-14

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
9/19/73	2.7	2	1,100	30	0	0	0	62.0	2	1.4	0	1,800	40
12/26/73	2.9	4	600	30	0	0	0	56.0	3	0	0	1,325	60
2/12/74	2.8	43	660	340	0	0	0	67.2	35	0	0	825	430
3/ 6/74	2.8	40	680	330	0	0	0	60.9	29	0	0	900	430
4/11/74	2.8	56	740	500	0	0	0	64.9	44	0	0	950	640
5/13/74	2.8	43	630	320	0	0	0	62.5	32	0	0	850	440
6/19/74	2.7	39	640	300	0	0	0	52.6	25	0	0	1,300	610
7/17/74	2.7	36	580	250	0	0	0	44.8	19	0	0	1,275	550
8/ 9/74	2.7	24	700	200	0	0	0	51.6	15	0	0	925	270
9/11/74	2.6	15	1,300	230	0	0	0	33.5	6	0	0	1,800	320
10/21/74	3.0	8	800	77	0	0	0	38.5	4	0	0	1,250	120
11/15/74	2.9	6	800	60	0	0	0	37.0	3	0	0	1,425	100
12/16/74	2.9	25	600	180	0	0	0	67.5	20	0	0	850	220
AVERAGE	2.8	26	756	220	0	0	0	53.8	18	0	0	1,190	330

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-15

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
9/19/73	2.8	20	1,000	240	0	0	36	150.0	36	1.4	0	2,200	530
12/26/73	2.9	19	700	160	0	0	28	123.7	28	0	0	1,475	340
2/12/74	2.9	24	840	240	0	0	19	67.2	19	0	0	1,425	410
3/ 6/74	2.9	20	880	210	0	0	16	67.9	16	0	0	1,275	310
4/11/74	2.9	23	640	180	0	0	12	43.4	12	0	0	1,350	370
5/13/74	2.9	23	710	200	0	0	14	52.2	14	0	0	1,025	280
6/19/74	2.9	21	900	230	0	0	15	60.7	15	0	0	1,050	260
7/17/74	2.9	23	700	190	0	0	15	53.7	15	0	0	1,350	370
8/ 9/74	2.7	16	900	170	0	0	11	55.9	11	0	0	1,175	230
9/11/74	2.6	23	1,100	300	0	0	17	59.9	17	0	0	1,375	380
10/21/74	3.2	17	562	115	0	0	14	67.3	14	56.0	11	1,950	400
11/15/74	3.0	19	700	160	0	0	14	62.6	14	0	0	1,700	390
12/16/74	2.9	21	1,200	300	0	0	11	43.0	11	24.6	0	1,325	330
AVERAGE	2.9	21	833	210	0	0	17	69.8	17	6.3	1	1,440	350

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. JB-16

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
9/19/73	3.0	9	720	78	0	0	0	56.0	6	.8	0	1,800	200
12/26/73	4.4	43	90	46	6	3	7.1	4	4	0	0	925	480
2/12/74	3.0	32	414	159	0	0	17.0	6	6	0	0	875	340
3/ 6/74	3.1	27	480	156	0	0	16.9	6	6	0	0	700	230
4/11/74	3.3	40	140	67	0	0	4.4	2	2	0	0	600	290
5/14/74	3.5	47	200	113	0	0	8.5	5	5	0	0	575	320
6/19/74	3.3	40	320	154	0	0	8.5	4	4	0	0	625	300
7/17/74	3.2	36	320	138	0	0	10.9	5	5	0	0	1,200	520
8/12/74	2.9	20	380	90	0	0	13.6	3	3	0	0	1,075	260
9/11/74	2.9	25	700	210	0	0	11.5	3	3	0	0	1,125	340
10/21/74	3.4	20	276	66	0	0	11.8	3	3	0	0	1,150	280
11/15/74	3.2	17	318	65	0	0	16.7	3	3	0	0	1,375	281
12/16/74	3.5	43	468	242	0	0	23.8	12	12	1.1	1	1,000	520
AVERAGE	3.2	31	371	120	0	0	15.9	5	5	.1	0	1,000	330

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-17

SL 130-7

DATE	P H	FLOW G P M	ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
			CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day
9/19/73	4.8	1	230	3	0	0	1.2	0	.5	0	1,600	20
12/27/73	5.6	9	32	3	12	1	.9	0	0	0	995	110
2/12/74	5.5	5	42	3	10	0	.4	0	0	0	750	40
3/ 6/74	6.5	11	18	2	80	11	.4	0	0	0	475	60
4/11/74	6.5	7	2	0	102	9	0	0	0	0	625	50
5/14/74	6.6	7	14	1	100	8	.1	0	0	0	475	40
6/20/74	5.1	3	92	3	10	1	.2	0	0	0	1,050	40
7/17/74	4.3	1	142	2	0	0	1.8	0	1.1	0	1,200	10
8/12/74	4.0	2	204	5	0	0	4.0	0	2.2	0	1,300	30
9/11/74	3.8	2	166	4	0	0	.6	0	0	0	1,450	40
10/21/74	4.4	1	156	2	0	0	2.0	0	0	0	1,375	20
11/15/74	4.3	3	104	4	0	0	.7	0	0	0	1,250	40
12/10/74	7.0	34	0	0	58	24	0	0	0	0	350	140
AVERAGE	4.5	7	92	2	29	4	.9	0	.3	0	990	50

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-18

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
9/20/73	3.2	1	11	950	0	0	0	6.8	0	.6	0	3,100	40
12/26/73	4.3	12	41	286	2	0	0	.4	0	0	0	1,375	200
2/13/74	3.4	30	279	774	0	0	0	7.1	3	0	0	2,025	730
3/ 6/74	3.0	24	196	680	0	0	0	40.6	12	0	0	1,550	450
4/11/74	2.8	48	540	940	0	0	0	75.4	44	0	0	1,575	910
5/14/74	2.9	31	250	660	0	0	0	44.8	17	0	0	1,850	690
6/20/74	2.9	21	180	700	0	0	0	28.0	7	0	0	1,825	460
7/17/74	3.9	4	10	216	0	0	0	2.2	0	0	0	2,000	100
8/12/74	4.2	2	5	192	0	0	0	3.7	0	3.4	0	1,950	50
9/11/74	3.7	6	16	228	0	0	0	5.1	0	0	0	2,225	160
10/21/74	4.6	5	8	134	14	1	1	1.5	0	0	0	2,200	130
11/15/74	4.5	7	10	122	0	0	0	1.8	0	1.1	0	1,950	160
12/17/74	3.3	60	135	188	0	0	0	60.0	43	1.1	1	1,500	1,080
AVERAGE	3.3	19	130	467	1	0	0	21.3	10	.5	0	1,930	400

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-19

DATE	PH	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
12/12/73	2.6	20	700	170	0	0	43	178.6	0	0	0	1,200	290
1/16/74	2.6	25	882	260	0	0	63	209.1	0	0	0	1,275	380
2/ 8/74	2.7	9	920	100	0	0	21	190.3	0	0	0	1,425	150
3/ 4/74	2.8	6	1,060	80	0	0	7	99.0	0	0	0	975	70
4/10/74	2.8	7	760	60	0	0	7	84.7	0	0	0	875	70
5/13/74	2.8	6	510	40	0	0	5	70.6	0	0	0	800	60
6/18/74	2.7	3	770	30	0	0	2	56.1	0	0	0	850	30
7/16/74	2.8	3	400	10	0	0	2	41.9	0	0	0	950	30
8/ 9/74	2.6	3	700	20	0	0	2	53.2	0	0	0	825	30
9/ 9/74	2.7	3	900	30	0	0	2	55.6	0	0	0	1,100	40
10/18/74	3.0	3	1,600	58	0	0	2	61.7	0	0	0	1,150	40
11/13/74	2.8	4	500	20	0	0	3	64.5	0	0	0	1,125	50
12/13/74	3.1	5	268	20	0	0	3	50.0	0	0	0	975	60
AVERAGE	2.8	7	767	70	0	0	12	93.5	0	0	0	1,040	100

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-20

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
12/12/73	2.7	7	700	60	0	0	113.3	10	0	0	1,275	110	
1/16/74	2.8	10	900	110	0	0	123.7	15	0	0	1,175	140	
2/ 8/74	2.7	9	780	80	0	0	139.1	15	0	0	750	80	
3/ 4/74	2.8	7	1,000	80	0	0	85.1	7	1.1	0	1,225	100	
4/10/74	2.9	10	600	70	0	0	60.5	7	0	0	1,025	120	
5/13/74	2.8	11	600	80	0	0	65.8	9	0	0	850	110	
6/18/74	2.8	9	600	60	0	0	46.8	5	0	0	1,025	110	
7/16/74	2.9	8	600	60	0	0	33.2	3	0	0	925	90	
8/ 9/74	2.6	6	700	50	0	0	39.9	3	0	0	825	60	
9/ 9/74	2.8	10	1,000	120	0	0	33.4	4	0	0	1,300	160	
10/18/74	3.0	6	1,100	79	0	0	42.4	3	4.5	0	1,075	80	
11/13/74	2.9	6	500	40	0	0	47.9	4	3.4	0	925	70	
12/13/74	2.8	10	600	70	0	0	39.0	5	3.4	0	950	110	
AVERAGE	2.8	8	745	70	0	0	66.9	7	1.0	0	1,030	100	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-21

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
4/10/74	2.8	26	1,440	450	0	0	147.0	46	0	0	2,075	650	
5/ 9/74	2.6	9	2,110	230	0	0	283.0	31	0	0	3,775	410	
6/18/74	2.6	14	2,330	390	0	0	272.0	46	0	0	3,750	630	
7/16/74	2.8	6	1,600	120	0	0	164.9	12	0	0	3,500	250	
8/ 9/74	2.5	2	1,900	50	0	0	106.1	3	0	0	3,500	80	
9/ 9/74	2.6	9	2,000	220	0	0	64.0	7	5.6	1	3,400	370	
10/30/74		0											
11/13/74	2.8	6	1,300	90	0	0	82.7	10	0	0	2,450	180	
12/13/74	2.8	18	900	200	0	0	59.0	10	16.8	4	1,675	20	
AVERAGE	2.7	10	1,698	220	0	0	147.3	20	2.8	0	3,020	320	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-22

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
12/12/73	2.6	14	1,000	170	0	0	40	236.8	0	0	0	1,475	250
1/16/74	2.7	42	900	450	0	0	58	114.9	0	0	0	1,375	690
2/ 8/74	2.7	62	780	580	0	0	124	166.7	0	0	0	1,600	1,190
3/ 4/74	2.7	57	800	550	0	0	84	123.5	62.7	43	1,175	800	800
4/10/74	2.8	71	520	440	0	0	47	55.0	0	0	0	900	770
5/13/74	2.7	64	700	540	0	0	86	112.0	0	0	0	875	670
6/18/74	2.7	52	620	380	0	0	60	95.6	0	0	0	850	530
7/16/74	2.8	40	400	190	0	0	37	76.4	0	0	0	1,075	520
8/ 9/74	2.6	35	800	340	0	0	34	81.1	0	0	0	850	360
9/ 9/74	2.7	50	1,200	721	0	0	46	76.4	2.2	2	1,150	690	690
10/18/74	3.0	40	1,000	480	0	0	43	88.9	69.4	33	1,125	540	540
11/13/74	2.8	23	700	190	0	0	25	89.2	0	0	0	1,125	310
12/13/74	2.8	70	500	420	0	0	67	80.0	57.1	48	1,025	860	860
AVERAGE	2.7	48	763	420	0	0	58	107.4	14.7	10	1,120	630	630

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-23

DATE	PH	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
12/12/73	2.7	21	1,000	250	0	0	204.6	52	0	0	0	1,650	520
1/16/74	2.7	30	1,020	370	0	0	108.6	39	0	0	0	1,625	580
2/ 8/74	2.8	46	940	520	0	0	71.6	40	0	0	0	1,100	610
3/ 4/74	2.8	32	820	320	0	0	69.8	27	6.7	3	1,175	450	
4/10/74	2.9	53	720	460	0	0	45.7	29	0	0	975	620	
5/13/74	2.8	41	670	330	0	0	52.7	26	0	0	975	480	
6/18/74	2.8	41	700	340	0	0	59.7	29	0	0	950	470	
7/16/74	2.9	45	600	320	0	0	46.6	25	0	0	975	530	
8/ 9/74	2.7	35	1,000	420	0	0	53.7	23	13.4	6	900	380	
9/ 9/74	2.7	40	1,000	480	0	0	49.0	24	0	0	975	470	
10/21/74	3.1	25	526	160	0	0	61.1	18	0	0	1,275	380	
11/13/74	2.9	24	500	140	0	0	63.2	18	2.2	1	1,050	300	
12/13/74	2.8	48	700	400	0	0	45.0	26	3.3	2	1,100	630	
AVERAGE	2.8	37	784	350	0	0	71.6	29	2.0	1	1,130	490	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-24

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
12/12/73	2.9	10	110	900	0	0	47.7	6	0	0	0	1,525	180
1/16/74	3.0	18	159	736	0	0	53.0	12	0	0	0	1,350	290
2/ 8/74	2.9	46	540	980	0	0	54.4	30	0	0	0	1,300	720
3/ 4/74	2.9	41	380	780	0	0	30.0	15	0	0	0	1,100	540
4/10/74	3.1	79	474	500	0	0	22.1	21	0	0	0	1,200	1,140
5/13/74	3.4	67	322	400	0	0	.4	0	0	0	0	775	620
6/18/74	2.9	37	270	610	0	0	21.6	10	0	0	0	1,150	510
7/18/74	2.9	Data Missing	320	320	0	0	20.4	0	0	9.0	0	1,075	0
8/ 9/74	2.8	29	310	900	0	0	22.3	8	0	0	0	975	340
9/ 9/74	2.8	41	440	900	0	0	16.2	8	0	0	0	1,700	840
10/21/74	3.2	29	178	512	0	0	26.3	9	0	0	0	1,175	410
11/13/74	3.1	26	100	320	0	0	21.4	7	0	0	0	1,075	340
12/13/74	3.1	67	282	350	0	0	4.4	35	0	2.24	1.8	1,050	840
AVERAGE	3.0	41	300	631	0	0	29.2	13	0	..9	0	1,190	560

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. JB-25

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
12/18/73	3.0	352	300	1,268	0	0	296	70.0	0	0	875	3,700	
1/16/74	3.1	221	282	748	0	0	144	54.4	0	0	950	2,520	
2/ 8/74	3.0	145	280	488	0	0	117	67.2	0	0	600	1,040	
3/ 1/74	3.0	163	280	548	0	0	98	50.0	0	0	550	1,080	
4/ 3/74	3.1	163	240	470	0	0	50	25.8	0	0	650	1,272	
5/ 8/74	3.1	145	320	557	0	0	64	36.8	0	0	900	1,567	
6/18/74	3.0	145	280	488	0	0	66	37.7	0	0	675	1,175	
7/16/74	3.1	130	266	415	0	0	50	32.3	0	0	675	1,054	
8/ 9/74	2.8	130	500	780	0	0	55	35.3	0	0	625	976	
9/ 9/74	3.0	163	500	979	0	0	50	25.5	0	0	875	1,713	
10/18/74	3.5	145	394	686	0	0	71	40.8	40.3	70	975	1,698	
11/13/74	3.1	163	288	564	0	0	84	43.1	0	0	950	1,860	
12/13/74	3.1	101	214	260	0	0	55	45.0	0	0	800	970	
AVERAGE	3.0	167	319	640	0	0	92	43.4	3.1	5	780	1,590	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-26

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
12/26/73	3.4	3	242	9	0	0	0	2.9	0	0	0	1,225	40
2/ 1/74	3.0	2	480	11	0	0	0	41.8	1	0	0	1,050	20
2/12/74	3.2	3	312	11	0	0	0	3.4	0	0	0	1,150	40
3/ 6/74	3.2	4	480	23	0	0	0	3.8	0	0	0	1,325	60
4/11/74	2.9	2	560	10	0	0	0	40.1	1	0	0	1,275	30
5/14/74	3.0	4	600	29	0	0	0	25.5	1	0	0	1,500	70
6/20/74	2.9	3	500	20	0	0	0	19.5	1	0	0	1,525	60
7/17/74	3.4	1	260	3	0	0	0	2.4	0	0	0	1,700	20
8/12/74		0											
9/11/74	3.1	1	248	3	0	0	0	1.3	0	0	0	2,125	30
10/21/74		0											
11/15/74	3.9	1	170	2	0	0	0	1.4	0	0	0	1,800	20
12/17/74	3.1	4	284	14	0	0	0	52.5	2	2.2	0	1,300	60
AVERAGE	3.1	2	376	10	0	0	0	17.7	1	.2	0	1,450	40

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-27

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
JANUARY		0											
2/13/74	2.7	2	20	720	0	0	76.0	2	0	0	0	875	20
3/ 4/74	2.7	2	20	800	0	0	60.9	2	0	0	0	650	20
4/10/74	2.7	6	40	480	0	0	49.6	4	0	0	0	700	50
5/13/74	2.8	5	30	480	0	0	37.5	2	0	0	0	750	40
6/18/74	2.7	2	10	600	0	0	46.1	1	0	0	0	600	10
7/17/74	2.8	2	10	500	0	0	41.3	1	2.0	0	0	725	20
8/ 9/74	2.6	1	10	800	0	0	46.3	1	0	0	0	825	10
9/ 9/74	2.7	1	10	700	0	0	42.5	0	0	0	0	1,150	10
10/21/74	2.9	1	10	1,000	0	0	60.4	1	0	0	0	825	10
11/13/74	2.8	2	20	640	0	0	61.6	2	0	0	0	1,050	20
12/13/74	2.8	1	10	700	0	0	42.0	0	0	0	0	2,025	20
AVERAGE	2.7	2	16	675	0	0	51.3	1	.2	0	0	930	20

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-28

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
2/13/74	2.7	13	80	520	0	0	57.6	9	0	0	600	90	
3/ 4/74	2.7	12	90	620	0	0	44.5	6	0	0	650	90	
4/10/74	2.8	24	120	400	0	0	33.3	10	0	0	675	200	
5/13/74	2.8	20	10	40	0	0	34.2	8	0	0	775	190	
6/18/74	2.8	10	60	530	0	0	32.2	4	0	0	650	80	
7/17/74	2.8	6	40	500	0	0	30.3	2	0	0	925	70	
8/ 9/74	2.7	3	40	1,100	0	0	33.5	1	0	0	600	20	
9/ 9/74	2.7	13	110	700	0	0	23.6	4	0	0	925	140	
10/21/74	3.0	4	29	600	0	0	27.5	1	0	0	1,100	50	
11/13/74	2.9	4	20	460	0	0	29.5	1	0	0	825	40	
12/13/74	2.8	18	110	500	0	0	75.3	16	0	0	675	150	
AVERAGE	2.8	12	60	543	0	0	38.3	6	0	0	760	100	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-29

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
12/13/74	2.8	21	520	130	0	0	27.8	7	0	0	775	200	
3/ 4/74	2.8	19	820	190	0	0	34.5	8	0	0	950	220	
4/10/74	2.8	25	500	150	0	0	27.3	8	0	0	850	260	
5/13/74	2.9	33	580	230	0	0	24.9	10	0	0	1,175	470	
6/19/74	2.8	15	560	100	0	0	21.8	4	0	0	1,025	180	
7/17/74	2.9	11	400	50	0	0	19.6	3	0	0	1,075	140	
8/ 9/74	2.7	8	500	50	0	0	19.1	2	0	0	950	90	
9/ 9/74	2.8	8	600	60	0	0	19.0	2	0	0	1,575	150	
10/21/74	3.0	8	500	48	0	0	22.7	2	0	0	1,125	110	
11/13/74	2.9	7	520	40	0	0	24.2	2	0	0	1,275	110	
12/13/74	2.8	16	700	140	0	0	61.8	12	1.1	0	1,200	230	
AVERAGE	2.8	16	564	110	0	0	27.5	5	.1	0	1,090	200	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. JB-30

SL 130-7

DATE	pH	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
4/10/74	4.0	23	140	39	0	0	0	7.0	2	0	0	800	220
5/9/74	4.6	3	44	2	2	0	0	0	0	0	0	925	30
6/18/74	3.5	16	134	26	0	0	0	4.2	1	0	0	825	160
7/16/74	3.5	9	104	11	0	0	0	2.8	0	0	0	475	50
8/9/74	5.1	2	50	1	22	1	1	1.1	0	0	0	725	20
9/9/74	3.2	10	110	13	0	0	0	3.8	0	0	0	925	110
10/18/74	2.9	1	2,500	30	0	0	0	231.0	3	6.7	0	2,500	30
11/13/74	5.6	6	32	2	32	2	2	1.3	0	0	0	1,000	70
12/13/74	4.2	30	90	32	0	0	0	16.6	6	1.1	0	900	320
AVERAGE	3.5	11	356	20	6	0	0	29.8	1	.9	0	1,010	110

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. JB-31

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
4/11/74	4.6	5	4	60	.1	2	6.8	0	0	0	0	350	21
5/13/74	3.0	2	10	430	0	0	6.8	0	0	0	0	825	20
6/19/74	2.9	1	10	680	0	0	23.6	0	0	0	0	875	11
7/17/74	2.9	1	10	740	0	0	27.7	0	10.1	0	0	1,450	17
8/ 9/74		0											
9/11/74		0											
10/21/74		0											
11/15/74		0											
12/16/74		0											
AVERAGE		1	6	478	0	0	16.2	0	2.5	0	0	900	10

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. LR-1

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
9/24/73	2.8	24	7,600	2,190	0	0	2,800.0	807	2,400.2	692	1,300	380	
1/30/74	2.4	62	13,480	10,040	0	0	8,261.9	6,152	4,424.0	3,294	525	390	
2/ 7/74	2.1	57	6,000	4,110	0	0	5,926.2	4,057	3,248.0	2,224	475	320	
3/ 7/74	2.4	71	11,760	10,030	0	0	6,088.0	5,191	4,424.3	3,772	825	700	
4/16/74	2.4	86	8,000	8,260	0	0	4,560.0	4,710	4,032.0	4,164	650	670	
5/15/74	2.2	71	9,500	8,100	0	0	4,615.0	3,935	3,752.0	3,199	800	680	
6/24/74	2.3	86	13,550	14,000	0	0	5,825.0	6,016	3,304.0	3,412	875	900	
7/19/74	1.8	60	6,600	4,760	0	0	6,485.0	4,673	5,824.0	4,197	900	650	
8/12/74	1.8	60	13,300	9,580	0	0	8,730.0	6,291	5,152.9	3,712	825	590	
9/13/74	2.6	55	11,500	7,600	0	0	4,070.0	2,688	157.0	104	1,125	740	
10/22/74	2.5	40	12,600	6,060	0	0	3410.0	1,638	3,118.8	1,498	1,325	640	
11/19/74	2.7	37	10,600	4,710	0	0	2,580.0	1,146	2,520.1	1,120	1,050	470	
12/17/74	2.9	72	8,000	6,920	0	0	4792.0	4,144	2,688.0	2,324	1,025	890	
AVERAGE	2.3	60	10,192	7,410	0	0	5,242.0	3,958	3,465.0	2,593	900	620	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. LR-2

DATE	P H	FLOW G P M	ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
			CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
9/24/73	2.6	18	10,000	2,160	0	0	4,900.0	1,059	4,000.0	865	910	200
1/30/74	2.3	30	8,480	3,060	0	0	5,865.0	2,113	2,464.0	888	400	140
2/ 7/74	2.1	24	7,200	2,080	0	0	5,677.5	1,636	3,796.8	1,094	550	160
3/ 7/74	2.4	21	10,940	2,760	0	0	5,000.0	1,261	3,136.0	790	600	150
4/16/74	2.6	23	7,600	2,100	0	0	3,470.0	958	2,352.0	650	775	210
5/15/74	2.2	18	7,700	1,660	0	0	3,775.0	816	2,352.0	508	625	140
6/24/74	2.4	21	7,750	1,960	0	0	4,175.0	1,053	2,352.0	593	775	200
7/19/74	2.0	18	4,600	990	0	0	4,107.5	888	3,192.0	690	675	150
8/12/74	2.0	17	8,500	1,740	0	0	4,107.5	839	3,304.0	675	800	160
9/13/74	2.7	29	6,200	2,160	0	0	2,830.0	986	58.2	20	1,500	520
10/24/74	2.6	19	7,700	1,760	0	0	3,090.0	705	3,000.0	685	1,375	310
11/19/74	2.6	17	9,200	1,880	0	0	2,560.0	523	2,240.0	457	1,180	240
12/17/74	2.8	25	9,700	2,910	0	0	5,106.0	1,533	2,968.0	891	1,100	330
AVERAGE	2.3	22	8,121	2,090	0	0	4,205.0	1,105	2,709.0	677	860	220

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
IR-3

SL 130-7

STATION NO.

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
9/24/73	2.5	30	19,000	6,850	0	0	10,000.0	3,603	9,000.0	3,243	1,100	400	
1/30/74	2.3	84	16,920	17,070	0	0	11,162.5	11,261	6,272.0	6,327	900	910	
2/ 7/74	2.2	26	13,000	4,060	0	0	10,781.2	3,366	6,988.8	2,182	700	220	
3/ 7/74	2.4	26	15,200	4,750	0	0	9,182.5	2,867	6,104.0	1,906	975	300	
4/16/74	2.5	19	10,500	2,400	0	0	6,630.0	1,513	4,256.0	971	1,050	240	
5/15/74	2.2	35	11,900	5,000	0	0	5,950.0	2,501	4,592.0	1,930	1,175	490	
6/24/74	2.3	23	10,300	2,840	0	0	5,925.0	1,637	3,472.0	959	1,075	300	
7/19/74	1.9	21	9,200	2,320	0	0	5,835.0	1,472	4,760.0	1,200	800	200	
8/12/74	1.9	13	9,600	1,500	0	0	7,960.0	1,243	4,424.0	691	975	150	
9/13/74	2.6	57	9,800	6,710	0	0	4,445.0	3,043	80.6	55	1,275	870	
10/22/74	2.4	19	12,000	2,740	0	0	4,300.0	981	3,443.0	786	1,550	350	
11/19/74	2.6	20	15,300	3,680	0	0	4,420.0	1,062	4,368.0	1,049	1,150	280	
12/17/74	2.7	52	14,200	8,870	0	0	6,690.0	4,178	5,656.0	3,532	1,200	750	
AVERAGE	2.3	33	12,840	5,290	0	0	7,175.0	2,979	4,878.0	1,910	1,070	420	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. IR-4

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
10/22/73	3.3	10	180	22	0	0	0	22.5	3	0	0	1,330	160
1/30/74	4.4	69	80	66	0	0	0	27.8	23	0	0	650	540
2/14/74	4.8	36	774	32	10	4	0	32.2	14	0	0	600	260
3/ 8/74	5.1	36	140	17	20	9	0	21.2	9	6.7	3	575	250
4/16/74	5.3	34	94	38	12	5	0	24.5	10	7.8	3	725	300
5/14/74	5.9	47	18	10	30	17	0	7.5	4	0	0	450	250
6/20/74	3.6	20	100	24	0	0	0	16.1	4	0	0	675	160
7/18/74	3.1	4	156	7	0	0	0	26.2	1	0	0	1,225	60
8/12/74	6.1	2	60	1	136	3	0	34.2	1	0	0	1,150	30
9/11/74	3.3	9	92	10	0	0	0	18.2	2	0	0	1,150	120
10/22/74	4.3	11	114	15	0	0	0	21.5	3	20.4	3	1,375	180
11/15/74	5.3	20	16	4	14	3	0	17.1	4	0	0	925	220
12/17/74	5.0	208	72	180	12	30	0	40.4	101	12.3	31	725	1,810
AVERAGE	3.8	40	84	33	18	6	0	23.8	14	3.6	3	890	330

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. LR-5

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
10/ 2/73	3.4	155	100	186	0	0	28.4	53	0	0	1,445	2,690	
1/30/74	6.8	186	14	31	186	415	8.6	19	0	0	325	730	
2/14/74	6.4	69	58	48	16	13	6.2	5	0	0	475	390	
3/ 8/74	6.4	100	12	14	204	245	11.2	14	0	0	575	690	
4/16/74	6.5	107	18	23	236	303	29.1	37	0	0	575	740	
5/14/74	6.4	147	32	56	186	328	2.7	5	0	0	675	1,190	
6/20/74	5.7	86	42	43	144	149	1.0	1	0	0	700	720	
7/18/74	5.7	31	66	25	74	28	50.8	19	0	0	1,075	400	
8/12/74	3.2	29	179	61	0	0	29.5	10	21.3	7	1,225	430	
9/11/74	5.8	48	54	31	58	33	7.5	4	0	0	1,700	980	
10/22/74	6.2	31	20	70	70	26	39.8	15	26.9	10	1,950	730	
11/15/74	6.2	68	20	16	80	65	31.9	26	0	0	1,175	960	
12/17/74	5.8	400	34	163	22	106	91.1	438	0	0	825	3,960	
AVERAGE	4.1	112	52	55	98	132	26.0	50	3.7	1	980	1,120	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. IR-6

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
10/ 2/73	3.0	30	216	600	0	0	42.2	15	0	0	2,752	990	
1/15/74	3.4	106	204	160	0	0	30.0	38	0	0	2,125	2,700	
2/14/74	3.4	77	314	340	0	0	33.3	31	0	0	2,550	2,360	
3/ 8/74	3.5	88	178	168	0	0	17.3	18	0	0	3,475	3,670	
4/25/74		0											
5/14/74	3.0	80	528	550	0	0	48.8	47	0	0	2,525	2,430	
6/20/74	3.1	100	355	296	0	0	10.1	12	0	0	2,500	3,000	
7/18/74	3.1	0	0	300	0	0	24.7	0	0	0	4,375	0	
8/12/74	3.2	42	137	272	0	0	18.2	9	0	0	4,250	2,140	
9/11/74	3.1	71	237	278	0	0	10.4	9	0	0	5,000	4,260	
10/22/74	3.5	62	231	310	0	0	18.1	14	0	0	5,000	3,720	
11/ /74	3.5			240	0	0	30.6				4,300		
12/17/74	3.5	116	287	206	0	0	53.9	75	1.1	2	2,750	3,830	
AVERAGE	3.2	64	224	286	0	0	26.0	22	.1	0	3,200	2,430	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7 STATION NO. LR-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
10/ 3/73	3.9	20	600	144	0	0	24.0	6	0	0	0	2,823	680
1/30/74	3.8	46	824	455	0	0	30.6	17	0	0	0	1,200	660
2/15/74	3.9	40	960	461	0	0	24.7	12	0	0	0	1,925	920
3/18/74	4.1	46	424	234	0	0	11.2	6	3.4	2	0	3,525	1,950
4/16/74	3.7	35	1,600	673	0	0	22.6	10	0	0	0	2,625	1,100
5/15/74	3.4	60	1,460	1,052	0	0	30.3	22	0	0	0	3,500	2,520
6/24/74	3.5	53	2,120	1,349	0	0	28.4	18	0	0	0	2,750	1,750
7/19/74	3.2	23	1,000	276	0	0	51.4	14	0	0	0	4,975	1,370
8/13/74	3.2	19	1,560	356	0	0	19.7	4	4.5	1	0	4,750	1,080
9/13/74	3.1	38	2,120	968	0	0	69.8	32	0	0	0	4,200	1,920
10/25/74	3.5	22	868	229	0	0	125.0	33	0	0	0	5,800	1,530
11/19/74	3.5	13	642	100	0	0	48.3	8	0	0	0	6,000	940
12/18/74	4.0	38	346	158	0	0	79.5	36	0	0	0	3,500	1,600
AVERAGE	3.5	35	1,117	497	0	0	43.5	17	.6	0	0	3,660	1,390

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. IR-8

DATE	p H	FLOW G P M	ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
			CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
10/ 3/73	3.2	10	410	49	0	0	14.7	2	0	0	4,973	600
1/30/74		3	SAMPLE BROKEN IN TRANSIT				16.9		0			
2/15/74	3.4	3	700	25	0	0	17.0	1	0	0	2,375	90
3/ 8/74	3.3	2	370	9	0	0	11.5	0	0	0	5,375	130
4/16/74	3.4	1	420	5	0	0	11.5	0	0	0	5,125	60
5/15/74	3.3	2	440	11	0	0	14.1	0	0	0	5,125	120
6/24/74	3.3	5	866	52	0	0	18.0	1	0	0	5,425	330
7/19/74	3.2	2	506	12	0	0	14.3	0	0	0	4,950	120
8/13/74	2.9	1	980	10	0	0	18.9	0	0	0	7,900	100
9/13/74	3.3	3	634	23	0	0	20.2	1	0	0	9,000	320
10/25/74	3.5	3	530	19	0	0	17.5	1	0	0	8,800	320
11/19/74	3.5	2	380	9	0	0	20.5	0	0	0	7,900	190
12/18/74	3.6	3	230	8	0	0	31.9	1	0	0	4,750	170
AVERAGE	3.3	3	539	20	0	0	17.5	1	0	0	5,980	210

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. LR-9

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
10/ 3/73	3.4	60	192	138	0	0	4.3	3	0	0	1,949	1,400	
2/ 1/74	3.5	270	280	908	0	0	24.7	80	0	0	1,325	4,300	
2/15/74	3.5	50	220	132	0	0	17.0	10	0	0	1,100	660	
3/ 8/74	3.6	120	266	383	0	0	11.2	16	0	0	1,100	1,580	
4/17/74	3.5	225	246	665	0	0	14.7	40	0	0	1,350	3,650	
5/15/74	3.8	188	200	452	0	0	10.3	23	0	0	1,550	3,500	
6/24/74	3.7	171	266	546	0	0	10.4	21	0	0	1,375	2,820	
7/19/74	3.3	116	196	273	0	0	5.7	8	0	0	1,525	2,120	
8/13/74	3.2	74	208	185	0	0	11.2	10	0	0	1,875	1,670	
9/13/74	3.6	120	176	254	0	0	10.7	15	0	0	1,775	2,560	
10/24/74	3.7	86	150	155	0	0	10.5	19	5.6	6	2,300	2,380	
11/19/74	4.5	110	86	114	0	0	11.3	15	2.2	3	1,300	1,720	
12/18/74	3.9	216	130	337	0	0	43.3	112	0	0	1,350	3,500	
AVERAGE	3.6	139	201	349	0	0	14.3	29	.6	1	1,530	2,450	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. LR-10

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
11/23/73	3.8	96	200	231	0	0	15	12.9	0	0	0	1,800	2,080
1/31/74		117	SAMPLE BROKEN IN TRANSIT				17	11.8	0	0	0		
2/ 7/74	4.0	162	190	370	0	0	22	11.5	0	0	0	925	1,800
3/ 8/74	4.1	153	178	327	0	0	22	12.2	0	0	0	1,375	2,530
4/16/74	4.1	101	170	206	0	0	17	14.0	9.0	11	1,225	1,490	
5/14/74	5.7	14	8	1	80	13	0	0	0	0	0	1,075	180
6/20/74	5.8	12	22	3	100	14	0	.7	0	0	0	1,050	150
7/18/74	6.2	9	16	2	90	10	0	1.7	0	0	0	975	100
8/12/74	6.2	7	14	1	90	8	0	3.6	0	0	0	1,300	110
9/11/74	5.8	12	28	4	56	8	0	1.7	0	0	0	1,600	230
10/22/74	5.9	10	18	2	70	8	0	3.0	1.1	0	0	1,875	220
11/19/74	4.1	86	1,100	1,136	0	0	19	18.2	0	0	0	2,350	2,430
12/17/74	4.6	130	80	125	8	12	16	10.0	7.8	12	1,850	2,890	
AVERAGE	4.4	70	169	219	41	6	10	8.4	1.4	2	1,450	1,180	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. LR-11

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day
11/23/73	4.2	14	67	400	0	0	0	1.5	0	0	0	2,549	430
1/31/74		18	SAMPLE BROKEN IN TRANSIT				0	1.0	0	0	0		
2/14/74	4.0	16	148	770	0	0	0	1.7	0	0	0	1,725	330
3/ 8/74	4.2	16	119	618	0	0	0	.4	0	0	0	2,075	400
4/16/74	4.2	17	104	508	0	0	0	1.5	0	0	0	1,900	390
5/14/74	4.0	24	116	402	0	0	0	1.0	0	0	0	1,800	520
6/20/74	3.8	17	113	552	0	0	0	1.5	0	0	0	1,850	380
7/19/74	4.0	10	55	460	0	0	0	2.1	0	0	0	2,625	320
8/12/74	4.1	8	42	434	0	0	0	1.5	0	0	0	2,750	260
9/11/74	3.8	19	105	460	0	0	0	1.6	0	0	0	3,500	800
10/22/74	4.0	13	78	500	0	0	0	2.0	0	0	0	4,000	620
11/19/74	4.3	11	44	330	0	0	0	.6	0	0	0	3,350	440
12/17/74	4.1	52	197	316	0	0	0	2.9	2	1.1	1	2,450	1,530
AVERAGE	4.0	18	99	479	0	0	0	1.5	0	.1	0	2,550	540

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. IR-12

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy	CONCENTRATION MG/L	LOAD Lb/Doy
12/ 4/73	4.1	38	32	70	0	0	0	.1	0	0	0	990	450
1/31/74	4.0	25	25	84	0	0	0	.3	0	0	0	700	210
2/ 7/74	3.9	31	34	90	0	0	0	.3	0	0	0	450	170
3/ 8/74		30	SAMPLE BROKEN IN TRANSIT					0	0	0	0		
4/16/74	4.1	8	4	40	0	0	0	.1	0	0	0	475	50
5/14/74	3.9	67	966	1,200	0	0	0	.1	0	0	0	800	640
6/20/74	3.7	49	59	100	0	0	0	.1	0	0	0	675	400
7/19/74		0	0	0	0	0	0	0	0	0	0	0	0
8/12/74	3.9	12	14	100	0	0	0	.5	0	0	0	1,050	150
9/11/74	3.7	10	22	180	0	0	0	0	0	0	0	1,350	160
10/30/74	4.0	5	7	112	0	0	0	0	0	0	0	1,125	70
11/19/74	4.0	4	6	134	0	0	0	0	0	0	0	1,250	60
12/12/74	4.4	5	4	62	0	0	0	0	0	0	0	725	40
AVERAGE	3.9	22	98	181	0	0	0	.1	0	0	0	380	200

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. LR-13

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	MG/L	CONCENTRATION	LOAD	CONCENTRATION	LOAD	CONCENTRATION	LOAD	CONCENTRATION	LOAD	CONCENTRATION	LOAD
			MG/L	MG/L	Lb/Day	MG/L	Lb/Day	MG/L	Lb/Day	MG/L	Lb/Day	MG/L	Lb/Day
12/ 4/73	3.4	160	680	1,307	0	0	59	30.6	0	0	2,750	5,280	
1/30/74	3.6	182	446	975	0	0	41	18.9	0	0	1,700	3,720	
2/14/74	3.2	145	580	1,010	0	0	52	30.0	0	0	2,275	3,960	
3/ 8/74	3.5	182	422	922	0	0	36	16.4	0	0	2,075	4,540	
4/16/74	3.5	130	420	656	0	0	27	17.4	0	0	1,950	3,040	
5/15/74	3.5	182	540	1,180	0	0	47	21.4	0	0	2,750	5,010	
6/20/74	2.9	117	1,270	1,780	0	0	37	26.4	0	0	3,250	4,570	
7/18/74	3.0	67	1,300	1,046	0	0	20	25.5	0	0	5,125	4,120	
8/12/74	3.1	61	1,000	733	0	0	21	29.2	0	0	5,125	3,760	
9/11/74	3.1	117	710	998	0	0	35	25.0	0	0	3,700	5,200	
10/30/74	3.1	101	810	983	0	0	50	41.5	0	0	4,600	5,580	
11/19/74	3.5	93	510	570	0	0	29	26.2	0	0	3,600	4,020	
12/17/74	3.9	203	210	512	0	0	12	4.8	3.4	8	1,550	3,780	
AVERAGE	3.3	134	684	980	0	0	36	23.7	.3	1	3,110	4,430	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. LR-14

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	CONCENTRATION MG/L	LOAD Lb/Day	
12/14/73	6.2	13	4	1	70	11	.1	0	0	0	0	600	90
1/30/74	4.8	17	32	7	6	1	.1	0	0	0	0	400	80
2/ 7/74	7.1	3	0	0	150	5	9.4	33	0	0	0	475	20
3/ 8/74	4.9	17	12	2	10	2	0	0	0	0	0	725	150
4/16/74	5.1	22	10	3	10	3	.6	0	0	0	0	700	180
5/15/74	5.0	33	6	2	10	4	.1	0	0	0	0	825	330
6/20/74	4.8	10	28	3	6	1	0	0	0	0	0	900	110
7/19/74	5.2	2	10	0	12	0	.3	0	0	0	0	800	20
8/12/74	5.7	2	8	0	14	0	0	0	0	0	0	850	20
9/11/74	4.7	3	40	1	2	0	0	0	0	0	0	1,350	50
10/30/74	5.5	5	8	0	14	1	.1	0	0	0	0	950	60
11/19/74	5.1	8	10	1	10	1	0	0	0	0	0	950	90
12/17/74	5.2	12	16	2	6	1	0	0	0	0	0	825	120
AVERAGE	5.1	11	14	2	25	2	.8	2	0	0	0	800	100

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. LR-15

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	CONCENTRATION MG / L	LOAD Lb / Day	
12/ 5/73	3.5	23	230	64	0	0	0	.9	0	0	0	875	240
1/31/74	4.2	42	154	78	0	0	0	.9	0	0	0	525	260
2/15/74	4.2	25	150	45	0	0	0	.9	0	0	0	350	100
3/12/74	4.4	32	84	1	0	0	0	.6	0	0	0	325	120
4/17/74	4.4	31	138	51	0	0	0	.6	0	0	0	475	180
5/15/74	4.2	31	152	57	0	0	0	1.8	1	0	0	450	170
6/24/74	4.3	32	168	65	0	0	0	2.8	1	0	0	475	180
7/22/74	5.0	5	52	3	20	1	0	4.9	0	0	0	450	30
8/13/74	4.1	1	116	1	0	0	0	7.8	0	0	0	675	10
9/13/74	4.2	21	210	53	0	0	0	3.4	1	0	0	800	200
10/24/74	4.2	4	114	5	0	0	0	1.9	0	1.1	0	950	50
11/19/74	5.2	10	44	5	16	2	0	.5	0	0	0	825	100
12/18/74	4.5	60	78	56	0	0	0	2.5	2	0	0	475	340
AVERAGE	4.2	24	130	37	3	0	0	2.3	0	.1	0	590	150