

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. IR-16

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	
1/31/74		56		SAMPLE BROKEN IN TRANSIT		0	0	0	0	0	0		
2/15/74	4.4	35	60	25	0	0	0	.1	0	0	0	325	140
3/12/74	4.6	82	48	47	2	2	0	0	0	0	0	325	320
4/17/74	4.8	58	30	21	4	3	4	.5	0	0	0	400	280
5/15/74	4.6	62	38	28	2	1	2	.1	0	0	0	350	260
6/24/74	4.8	61	62	45	10	7	10	.1	0	0	0	450	330
7/22/74	4.0	1	60	1	0	0	0	2.2	0	0	0	400	0
8/13/74	3.8	1	58	1	0	0	0	1.8	0	0	0	525	10
9/13/74	4.3	17	52	11	0	0	0	.3	0	0	0	850	170
10/24/74	4.1	12	76	11	0	0	0	0	0	0	0	925	130
11/19/74	4.6	27	34	11	6	2	6	0	0	0	0	675	220
12/18/74	5.3	132	8	13	14	22	14	.4	1	0	0	450	710
AVERAGE	4.3	45	48	19	4	3	4	.5	0	0	0	520	230

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

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	
12/27/73	4.1	5	202	12	0	0	5.1	0	0	0	0	1,050	60
1/31/74	4.1	10	170	20	0	0	.3	0	0	0	0	700	80
2/15/74	3.9	2	226	5	0	0	.4	0	0	0	0	575	10
3/12/74	4.0	8	246	24	0	0	.2	0	0	0	0	550	50
4/17/74	4.1	5	160	10	0	0	.1	0	0	0	0	725	40
5/15/74	3.9	4	188	9	0	0	.2	0	0	0	0	650	30
6/24/74	3.9	2	268	6	0	0	.1	0	0	0	0	675	20
7/22/74		0											
8/13/74		0											
9/ /74	3.9	1	232	3	0	0	.3	0	0	0	0	1,500	20
10/24/74		0	0	0	0	0	0	0	0	0	0	0	0
11/19/74	4.0	1	272	3	0	0	0	0	0	0	0	1,925	20
12/18/74	4.3	17	88	18	0	0	0	0	0	0	0	650	130
AVERAGE	4.0	4	158	8	0	0	.5	0	0	0	0	650	40

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SP-1

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/ 9/73	5.5	303	20	73	10	36	1.0	4	0	0	1,376	5,010	
1/16/73	6.0	356	20	86	28	120	.4	2	0	0	700	2,990	
2/18/74	6.0	107	40	51	36	46	.4	0	0	0	950	1,220	
3/12/74	6.0	130	22	34	38	59	2.4	4	0	0	1,025	1,600	
4/18/74	5.7	26	22	7	40	12	1.0	0	0	0	850	260	
5/16/74	5.7	117	14	20	56	79	.2	0	0	0	950	1,340	
6/25/74		93											
7/22/74	6.1	79	18	17	66	63	.4	0	0	0	1,150	1,090	
8/13/74	6.4	119	38	9	74	17	.5	0	0	0	1,325	300	
9/20/74	5.2	61	50	37	34	25	.8	1	0	0	1,400	1,030	
10/24/74	6.1	46	24	13	46	25	.1	0	0	0	1,700	940	
11/19/74	6.2	86	12	12	68	70	.3	0	0	0	1,200	1,240	
12/18/74	6.3	225	6	16	34	92	1.4	4	0	0	825	2,230	
AVERAGE	5.8	127	24	31	44	54	.7	1	0	0	1,120	1,600	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SP-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
10/10/73	3.5	3	2,000	72	0	0	4.5	0	0	0	4,798	170
1/16/73	4.2	43	946	489	0	0	7.6	4	0	0	2,250	1,160
2/15/74	3.2	23	1,402	387	0	0	18.9	5	0	0	2,475	680
3/17/74	3.3	12	1,310	189	0	0	20.6	3	0	0	5,500	790
4/15/74	3.3	15	1,644	296	0	0	17.7	3	0	0	3,000	540
5/14/74	3.3	15	1,700	306	0	0	11.9	2	0	0	5,150	930
6/20/74	3.1	9	2,600	281	0	0	13.3	1	0	0	6,250	680
7/18/74	3.0	2	4,300	103	0	0	74.7	2	0	0	4,450	110
8/12/74	3.2	4	1,268	61	0	0	19.3	1	0	0	5,250	250
9/11/74	3.2	9	1,142	123	0	0	13.6	2	0	0	2,950	320
10/22/74	3.1	6	1,156	83	0	0	21.0	2	0	0	3,200	230
11/20/74	3.4	Data Missing	890		0		29.5		0		5,800	
12/17/74	3.5	22	1,100	291	0	0	48.2	1	0	0	2,400	630
AVERAGE	3.3	14	1,651	223	0	0	23.1	2	0	0	4,110	540

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SP-3

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
10/10/73	3.8	30	820	295	0	0	8.1	3	0	0	2,375	860
2/ 1/74		117	SAMPLE BROKEN IN TRANSIT				7.6	11	0	0		
2/13/74	4.1	145	430	749	0	0	2.3	4	0	0	2,075	3,610
3/ 7/74	4.3	81	354	344	0	0	3.9	4	0	0	2,375	2,310
4/15/74	4.1	107	512	658	0	0	3.3	4	0	0	2,525	3,240
5/14/74	4.1	107	454	583	0	0	2.8	4	0	0	2,750	3,530
6/20/74	3.9	93	732	818	0	0	3.8	4	0	0	2,850	3,180
7/18/74	4.0	67	372	299	0	0	6.6	5	0	0	2,400	1,930
8/12/74	3.8	56	302	203	0	0	8.1	5	0	0	2,525	1,700
9/11/74	3.8	86	428	442	0	0	6.1	6	0	0	1,750	1,810
10/22/74	4.0	79	346	328	0	0	8.5	8	7.8	7	4,000	3,800
11/15/74	4.4	73	238	209	0	0	11.2	10	0	0	3,050	2,670
12/17/74	4.5	130	224	350	0	0	14.0	22	0	0	2,450	3,820
AVERAGE	4.0	90	434	440	0	0	6.6	7	.6	1	2,590	2,710

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SP-4

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
10/11/73	3.1	32	31	80	0	0	0	11.5	4	0	0	1,924	740
1/25/74	3.2	107	303	236	0	0	0	33.1	42	0	0	775	1,000
2/18/74	3.2	73	214	244	0	0	0	12.6	11	1.1	1	1,050	920
3/12/74	3.3	107	270	210	0	0	0	6.2	8	0	0	1,150	1,480
4/18/74	3.3	86	223	216	0	0	0	10.9	11	0	0	1,375	1,420
5/16/74	3.1	93	424	380	0	0	0	17.6	20	0	0	1,525	1,700
6/25/74		86											
7/22/74	3.2	33	94	238	0	0	0	5.4	2	0	0	1,975	780
8/13/74	3.0	22	89	336	0	0	0	6.3	2	0	0	2,125	560
9/20/74	3.4	73	231	264	0	0	0	9.4	8	0	0	1,750	1,530
10/24/74	3.3	41	109	222	0	0	0	4.0	2	1.1	1	2,750	1,350
11/19/74	3.7	46	83	150	0	0	0	7.1	4	1.1	1	1,950	1,080
12/18/74	3.4	130	237	152	0	0	0	66.5	104	19.0	30	1,225	1,910
AVERAGE	3.2	72	192	227	0	0	0	15.9	19	1.9	3	1,630	1,210

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SP-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	
	4.8	32	32	12	2	1	1.8	1	0	0	923	360	
1/24/74	5.4	38	8	4	12	5	8.4	4	0	0	700	320	
2/20/74	4.5	11	66	9	0	0	.3	0	0	0	575	80	
3/14/74	4.6	18	74	16	22	1	1.9	0	0	0	700	150	
4/18/74	4.6	14	60	10	2	0	.4	0	0	0	600	100	
6/16/74	4.7	13	52	8	4	1	.2	0	0	0	925	140	
6/26/74	4.3	7	90	8	0	0	.4	0	0	0	1,100	90	
7/24/74	4.3	3	66	2	0	0	1.0	0	0	0	800	30	
8/14/74		0											
9/23/74	4.8	4	34	2	4	0	1.5	0	0	0	1,075	50	
10/28/74													
11/19/74	4.6	2	14	0	6	0	.4	0	0	0	1,000	20	
12/18/74	5.3	11	14	2	8	1	.7	0	0	0	800	110	
AVERAGE	4.6	12	39	6	3	1	1.3	0	0	0	710	110	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SP-6

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
10/11/73	4.1	5	242	15	0	0	0	1.7	0	0	0	1,376	80
2/5/74	4.3	10	218	26	0	0	0	.6	0	0	0	1,000	120
2/20/74	4.3	9	116	13	0	0	0	.9	0	0	0	575	60
3/14/74	4.3	9	150	16	0	0	0	7.1	1	0	0	825	90
4/18/74	4.4	8	144	14	0	0	0	.5	0	0	0	1,075	100
5/16/74	4.4	9	124	13	0	0	0	.5	0	0	0	1,125	120
6/26/74	4.1	7	190	16	0	0	0	.6	0	0	0	1,375	120
7/24/74	4.0	3	186	7	0	0	0	1.6	0	0	0	1,300	50
8/14/74	3.9	1	280	3	0	0	0	1.4	0	0	0	1,375	20
9/23/74	4.3	2	230	6	0	0	0	1.1	0	0	0	1,525	40
10/28/74	4.2	1	202	2	0	0	0	2.5	0	0	0	1,850	20
11/19/74	4.2	5	132	8	0	0	0	1.2	0	0	0	1,350	80
12/18/74	4.3	15	130	23	0	0	0	1.0	0	0	0	1,400	250
AVERAGE	4.2	6	180	12	0	0	0	1.6	0	0	0	1,240	90

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SP-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	
10/11/73	4.5	0	32	0	0	0	0	0	0	0	0	598	0
1/24/74	4.8	17	18	4	4	1	0	.1	0	0	0	360	70
2/20/74	4.6	15	34	1	2	1	0	.1	0	0	0	350	60
3/14/74	4.7	7	20	2	6	1	0	4.8	0	0	0	505	40
4/19/74	4.8	6	22	2	6	0	0	.2	0	0	0	575	40
5/16/74	4.8	4	22	1	8	0	0	0	0	0	0	600	30
6/26/74	4.5	5	30	2	6	0	0	.1	0	0	0	675	40
7/24/74	4.4	1	28	0	0	0	0	1.3	0	0	0	650	10
8/13/74		0											
9/23/74	4.7	2	52	1	4	0	0	0	0	0	0	900	20
10/28/74	4.7	1	20	0	12	0	0	.1	0	0	0	925	10
11/21/74	4.5	3	20	1	0	0	0	0	0	0	0	800	30
12/18/74	5.1	9	12	1	10	1	0	.4	0	0	0	425	50
AVERAGE	4.6	5	24	1	4	0	0	.5	0	0	0	570	30

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SP-8

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	
10/11/73	2.9	3	440	20	0	0	0	67.1	2	0	0	1,276	50
1/24/74	3.0	3	480	17	0	0	0	84.5	3	0	0	1,300	50
2/20/74	2.9	3	420	20	0	0	0	84.5	3	0	0	1,150	40
3/14/74	3.0	2	320	8	0	0	0	2.4	0	0	0	1,225	30
4/19/74	2.9	4	372	20	0	0	0	61.3	3	0	0	1,100	50
5/16/74	3.0	4	440	21	0	0	0	62.5	3	0	0	1,150	60
6/26/74	2.9	4	400	20	0	0	0	27.0	1	0	0	1,750	80
7/24/74	2.9	3	400	10	0	0	0	64.0	2	0	0	1,525	60
8/14/74	3.1	3	308	11	0	0	0	43.4	2	0	0	1,300	50
9/23/74	3.2	3	408	15	0	0	0	17.2	1	0	0	2,250	80
10/28/74	3.1	2	360	9	0	0	0	74.3	2	0	0	1,925	50
11/21/74	2.8	2	440	10	0	0	0	61.9	2	61.6	2	1,925	50
12/18/74	3.1	2	326	8	0	0	0	72.3	2	50.4	1	1,725	40
AVERAGE	3.0	3	393	10	0	0	0	55.6	2	8.6	0	1,510	50

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SP-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	
10/12/73	3.5	1	600	7	0	0	1.7	0	0	0	0	1,323	20
1/24/74	3.6	10	314	38	0	0	.4	0	0	0	0	825	100
2/20/74	3.4	6	272	20	0	0	.6	0	0	0	0	1,075	80
3/14/74	3.5	6	304	22	0	0	4.0	0	0	0	0	1,125	80
4/19/74	3.4	7	284	24	0	0	.6	0	0	0	0	1,050	90
5/16/74	3.5	6	252	18	0	0	.5	0	0	0	0	1,500	110
6/26/74	3.4	6	376	27	0	0	.6	0	0	0	0	1,800	130
7/24/74	3.4	3	308	11	0	0	.9	0	0	0	0	1,250	40
8/14/74	3.6	2	252	6	0	0	1.7	0	0	0	0	1,275	30
9/23/74	3.6	4	368	18	0	0	.9	0	0	0	0	1,900	90
10/28/74	3.6	2	298	7	0	0	1.1	0	0	0	0	1,875	40
11/21/74	3.4	3	368	13	0	0	.1	0	0	0	0	1,725	60
12/18/74	3.7	7	180	15	0	0	4.4	0	0	0	0	1,450	120
AVERAGE	3.5	5	321	17	0	0	1.3	0	0	0	0	1,400	80

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SP-10

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	
10/12/73	2.9	1	600	10	0	0	0	33.1	0	0	0	1,549	20
1/24/74	3.1	1	318	4	0	0	0	39.5	0	0	0	1,375	20
2/20/74	3.0	1	360	4	0	0	0	26.4	0	0	0	1,025	10
3/14/74	3.1	1	326	4	0	0	0	6.0	0	0	0	1,275	20
4/19/74	3.0	1	346	4	0	0	0	21.4	0	3.4	0	1,350	20
5/16/74	2.9	1	410	0	0	0	0	15.7	0	0	0	1,325	20
6/26/74	2.8	1	420	0	0	0	0	14.7	0	0	0	1,700	20
7/24/74	2.9	1	500	10	0	0	0	23.3	0	0	0	1,325	20
8/14/74	3.0	1	500	6	0	0	0	19.2	0	0	0	1,475	20
9/23/74	3.2	1	304	4	0	0	0	13.3	0	0	0	1,950	20
10/28/74	3.1	1	388	5	0	0	0	24.2	0	0	0	1,975	20
11/21/74	3.0	1	308	4	0	0	0	21.3	0	0	0	1,700	20
12/18/74	3.2	4	284	14	0	0	0	57.0	3	0	0	1,700	80
AVERAGE	3.0	1	390	6	0	0	0	24.2	0	.3	0	1,520	20

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SP-11

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
10/12/73	3.7	2	8	348	0	0	0	.4	0	0	0	1,476	40
1/24/74	3.8	6	17	230	0	0	0	10.0	1	0	0	1,100	80
2/20/74	3.6	5	15	258	0	0	0	10.0	1	0	0	1,200	70
3/14/74	3.4	6	20	284	0	0	0	2.6	0	0	0	1,350	100
4/19/74	3.3	8	23	244	0	0	0	14.4	1	6.7	1	1,575	150
5/16/74	3.2	6	27	370	0	0	0	.8	0	0	0	1,350	100
6/26/74	3.1	7	39	460	0	0	0	16.3	1	0	0	1,875	160
7/24/74	3.1	5	16	260	0	0	0	9.7	1	0	0	1,525	90
8/14/74	3.2	4	13	270	0	0	0	6.7	0	0	0	1,475	70
9/23/74	3.3	6	20	282	0	0	0	15.2	1	0	0	1,800	130
10/28/74	3.3	4	14	284	0	0	0	23.6	1	0	0	1,900	90
11/21/74	3.3	6	21	288	0	0	0	14.5	1	11.2	1	1,825	130
12/18/74	3.6	10	18	154	0	0	0	18.5	2	0	0	1,625	200
AVERAGE	3.3	6	19	287	0	0	0	11.0	1	1.4	0	1,540	110

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

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
10/12/73	4.2	1	250	2	0	0	0	.1	0	0	0	1,397	10
1/24/74	4.5	5	96	6	0	0	0	.4	0	0	0	775	50
2/20/74	4.4	4	126	6	0	0	0	.1	0	0	0	1,075	50
3/14/74	4.4	3	114	4	0	0	0	1.7	0	0	0	925	30
4/19/74	4.4	4	130	6	0	0	0	.3	0	0	0	1,225	60
5/16/74	4.3	3	150	5	0	0	0	.2	0	0	0	1,050	40
6/26/74	4.1	3	170	6	0	0	0	0	0	0	0	1,650	60
7/24/74	4.1	1	170	2	0	0	0	0	0	0	0	1,300	20
8/14/74	4.3	1	132	2	0	0	0	1.1	0	0	0	1,725	20
9/23/74	4.4	2	116	3	0	0	0	.2	0	0	0	1,700	40
10/28/74		0											
11/21/74	4.2	2	102	2	0	0	0	0	0	0	0	1,650	40
12/18/74	4.6	4	80	4	4	4	0	.3	0	0	0	1,200	60
AVERAGE	4.3	2	126	4	0	0	0	.3	0	0	0	1,210	40

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

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	
10/16/73	3.0	96	500	576	0	0	42.2	49	0	0	1,597	1,840	
1/24/74	3.2	193	234	542	0	0	42.1	98	0	0	950	2,200	
2/20/74	3.2	122	212	311	0	0	36.8	54	0	0	1,200	1,760	
3/14/74	3.2	127	200	305	0	0	6.0	9	0	0	1,525	2,330	
4/18/74	3.3	173	360	748	0	0	11.6	24	1.1	2	1,500	3,120	
5/16/74	3.1	158	360	683	0	0	32.3	61	0	0	2,050	3,890	
6/26/74	3.0	63	360	272	0	0	31.6	24	0	0	1,950	1,480	
7/24/74	3.0	99	500	594	0	0	38.6	46	0	0	1,325	1,580	
8/14/74	3.0	114	300	411	0	0	26.2	36	0	0	1,725	2,360	
9/23/74	3.3	82	180	177	0	0	27.1	27	0	0	1,875	1,850	
10/28/74	3.3	63	190	144	0	0	42.5	32	3.4	2	168	130	
11/21/74	3.1	80	160	154	0	0	32.9	32	31.4	30	2,025	1,950	
12/18/74	3.4	145	118	205	0	0	92.3	161	4.5	8	1,950	3,370	
AVERAGE	3.1	117	283	394	0	0	35.6	50	3.1	3	1,530	2,140	

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

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	3.2	21	106	420	0	0	11.2	3	0	0	1,449	360	
1/24/74	3.9	11	42	318	0	0	1.4	0	0	0	1,075	140	
2/20/74	3.2	43	175	338	0	0	14.7	8	0	0	1,100	570	
3/14/74	3.2	44	190	360	0	0	3.6	2	0	0	1,225	650	
4/18/74	3.2	54	202	312	0	0	30.8	20	22.4	14	1,525	990	
5/16/74	3.2	48	204	354	0	0	11.7	7	0	0	1,725	990	
6/26/74	3.1	44	306	580	0	0	10.2	5	0	0	1,875	990	
7/24/74	3.1	20	72	300	0	0	13.0	3	0	0	1,325	320	
8/14/74	3.2	13	50	318	0	0	11.6	2	0	0	1,525	240	
9/23/74	3.4	21	84	334	0	0	11.5	3	0	0	2,400	600	
10/28/74	3.3	8	33	340	0	0	19.5	2	3.4	0	1,950	190	
11/21/74	3.2	9	32	298	0	0	12.6	1	0	0	1,950	210	
12/18/74	3.4	27	78	242	0	0	35.2	12	0	0	1,775	580	
AVERAGE	3.2	28	121	347	0	0	14.4	5	2.0	1	1,610	520	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SP-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	
10/16/73	3.3	1	1,720	21	0	0	1.0	0	0	0	0	2,340	30
1/24/74	3.2	1	750	9	0	0	2.3	0	0	0	0	1,625	20
2/20/74	3.4	2	574	14	0	0	2.2	0	0	0	0	1,800	40
3/14/74	3.3	1	556	7	0	0	4.0	0	0	0	0	1,525	20
4/18/74	3.3	1	610	7	0	0	1.6	0	0	0	0	1,700	20
5/16/74	3.1	1	610	7	0	0	.6	0	0	0	0	1,600	20
6/26/74	3.1	1	744	9	0	0	.5	0	0	0	0	2,300	30
7/24/74		0											
8/14/74		0											
9/23/74		0											
10/28/74		0											
11/21/74		0											
12/18/74		0											
AVERAGE	3.2	1	795	10	0	0	1.7	0	0	0	0	1,840	20

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SP-16

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
10/18/73	3.3	1	224	3	0	0	15.6	0	0	0	1,698	20
1/24/74	3.4	11	270	36	0	0	2.7	0	0	0	1,100	140
2/20/74	3.5	9	212	23	0	0	2.2	0	0	0	1,275	140
3/14/74	3.4	9	198	21	0	0	1.2	0	0	0	1,075	120
4/19/74	3.4	9	220	24	0	0	4.5	0	0	0	1,300	140
5/23/74	3.1	10	300	36	0	0	4.2	0	0	0	1,100	130
6/26/74	3.2	7	328	28	0	0	4.4	0	0	0	1,900	160
7/24/74	3.1	3	270	10	0	0	5.9	0	0	0	1,500	50
8/14/74	3.1	2	234	6	0	0	5.2	0	0	0	1,650	40
9/23/74	3.4	2	264	6	0	0	6.4	0	0	0	2,050	50
10/28/74	3.4	2	230	6	0	0	9.3	0	0	0	2,075	50
11/21/74	3.5	3	186	7	0	0	4.1	0	1.1	0	1,700	60
12/18/74	3.7	10	116	134	0	0	8.0	0	1.1	0	1,250	150
AVERAGE	3.3	6	235	26	0	0	5.7	0	.2	0	1,510	100

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

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
11/26/73	6.1	0	0	6	Non-Discharging	26		.4		0		160	
11/24/74	5.6	0	0	4		12		.3		0		225	
2/18/74	6.0	0	0	8		20		.3		0		217	
3/12/74	5.1	0	0	4		20		44.3		0		190	
4/18/74	5.4	0	0	16		10		.6		0		150	
5/16/74	5.8	0	0	10		14		.5		0		150	
6/25/74		0	0	0		0		0		0		0	
7/22/74	6.1	0	0	12		34		.4		0		275	
8/13/74	6.4	0	0	10		50		.3		0		275	
9/23/74	5.8	0	0	10		10		.1		0		300	
10/24/74	5.3	0	0	8		16		0		0		200	
11/21/74	5.5	0	0	4		14		.2		0		175	
12/18/74	6.1	0	0	4		12		3.0		0		275	
AVERAGE	5.6	0	0	8		20		4.2				220	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SP-18

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	
11/26/73	2.9	6	600	40	0	0	0	8.4	1	0	0	1,450	100
1/24/74	2.8	17	1,080	220	0	0	0	29.4	7	0	0	1,475	300
2/18/74	2.8	8	588	60	0	0	0	14.7	1	0	0	1,700	160
3/12/74	2.9	9	1,340	140	0	0	0	1.2	0	0	0	1,950	210
4/18/74	2.8	11	622	80	0	0	0	9.5	1	0	0	1,825	240
5/16/74	2.9	15	840	150	0	0	0	7.7	1	0	0	1,925	350
6/25/74		9	S A M P L E L O S T		I N		T R A N S I T						
7/22/74	2.9	2	880	20	0	0	0	4.9	0	0	0	2,275	60
8/13/74	2.8	1	1,000	10	0	0	0	4.9	0	0	0	2,200	30
9/20/74	3.1	2	594	14	0	0	0	5.6	0	0	0	2,250	50
10/24/74	2.9	1	900	10	0	0	0	5.0	0	0	0	3,000	40
11/21/74	2.8	2	660	20	0	0	0	5.4	0	0	0	2,150	50
12/18/74	3.1	11	560	74	0	0	0	28.8	4	0	0	1,850	240
AVERAGE	2.9	7	805	70	0	0	0	10.5	1	0	0	2,000	150

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SP-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/ 3/73	3.5	15	328	59	0	0	1.4	0	0	0	0	1,325	240
1/25/74	3.5	27	414	134	0	0	2.2	1	0	0	0	1,850	600
2/18/74	3.5	19	366	84	0	0	1.4	0	0	0	0	1,625	370
3/12/74	3.6	18	312	67	0	0	5.0	1	0	0	0	1,300	280
4/18/74	3.6	17	410	84	0	0	1.2	0	0	0	0	1,575	320
5/16/74	3.6	16	432	83	0	0	1.2	0	0	0	0	2,450	470
6/25/74		15	SAMPLE LOST	IN TRANSIT									
7/22/74	3.6	11	444	59	0	0	.8	0	0	0	0	2,250	300
8/13/74	3.5	8	458	44	0	0	1.1	0	0	0	0	2,375	230
9/20/74	3.7	10	280	34	0	0	1.2	0	0	0	0	2,275	270
10/25/74	3.8	6	292	21	0	0	1.3	0	0	0	0	2,000	140
11/21/74	3.5	10	264	32	0	0	.9	0	0	0	0	2,200	260
12/18/74	3.8	11	236	31	0	0	4.0	0	0	0	0	2,100	280
AVERAGE	3.6	14	353	61	0	0	1.8	0	0	0	0	1,940	310

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SP-20

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/ 3/73	3.7	11	176	23	0	0	0	1.5	0	0	0	1,300	170
1/25/74	3.7	21	150	38	0	0	0	1.2	0	0	0	875	220
2/18/74	3.7	15	174	31	0	0	0	1.2	0	0	0	925	170
3/12/74	3.8	16	134	26	0	0	0	6.2	1	0	0	825	160
4/18/74	3.6	17	150	31	0	0	0	.8	0	0	0	675	140
5/16/74	3.5	16	216	42	0	0	0	.9	0	0	0	1,350	260
6/25/74		12	SAMPLE LOST										
7/22/74	3.4	8	166	16	0	0	0	19.0	2	6.7	1	1,375	130
8/13/74	3.3	6	194	14	0	0	0	5.1	0	4.5	0	1,375	100
9/20/74	3.5	8	170	16	0	0	0	3.5	0	0	0	1,325	130
10/25/74	3.8	9	200	22	0	0	0	1.9	0	0	0	1,500	160
11/21/74	3.7	11	118	16	0	0	0	1.2	0	0	0	1,550	200
12/18/74	3.9	18	102	22	0	0	0	4.5	1	0	0	1,200	260
AVERAGE	3.6	13	163	25	0	0	0	3.9	0	.9	0	1,190	180

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SP-21

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
12/ 3/73	6.2	45	13	24	62	34	34	.9	0	0	0	1,150	620
1/25/74	4.9	99	36	30	6	7	7	.7	1	0	0	1,050	1,250
2/18/74	5.4	43	24	46	24	12	12	.9	0	0	0	1,150	590
3/12/74	5.7	82	39	40	32	32	32	1.9	2	0	0	825	810
4/18/74	5.0	60	43	60	10	7	7	.7	0	0	0	1,200	860
5/16/74	5.4	49	21	36	16	9	9	.5	0	0	0	1,425	840
6/25/74		26		S A M P L E L O S T I N T R A N S I T									
7/22/74	6.6	9	2	14	82	9	9	.2	0	0	0	1,725	190
8/13/74	7.2	4	0	0	132	6	6	.7	0	0	0	1,750	80
9/20/74	6.5	18	1	6	56	12	12	.7	0	0	0	1,625	350
10/25/74	6.4	37	6	14	86	38	38	1.1	0	0	0	1,725	770
11/21/74	6.3	50	0	0	82	50	50	.8	0	0	0	1,300	780
12/18/74	6.1	104	10	8	24	30	30	1.8	2	0	0	1,250	1,560
AVERAGE	5.5	48	16	23	51	20	20	.9	1	0	0	1,350	730

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SP-22

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	
12/ 3/73	4.4	19	104	24	2	0	.3	0	0	0	0	1,175	270
1/25/74	4.3	41	108	53	0	0	.6	0	0	0	0	1,025	500
2/18/74	4.3	14	158	27	0	0	.3	0	0	0	0	775	130
3/12/74	4.5	37	120	53	0	0	6.7	3	0	0	0	800	360
4/18/74	4.4	19	162	37	0	0	.3	0	0	0	0	925	210
5/16/74	4.4	22	186	49	0	0	.2	0	0	0	0	1,075	280
6/25/74	4.0	14	106	18	0	0	.1	0	0	0	0	1,200	200
7/22/74	3.7	3	204	7	0	0	1.3	0	0	0	0	1,375	50
8/13/74	3.5	5	152	9	0	0	1.7	0	0	0	0	1,475	90
9/20/74	3.9	8	132	13	0	0	.6	0	0	0	0	1,350	130
10/25/74	4.4	17	156	32	0	0	.3	0	0	0	0	1,875	380
11/21/74	4.3	22	84	22	0	0	.1	0	0	0	0	1,375	360
12/18/74	4.7	37	38	17	12	5	.6	0	0	0	0	1,000	440
AVERAGE	4.1	20	132	28	1	0	1.0	0	0	0	0	1,190	260

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SP-23

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
NON-DISCHARGING													
1/25/74	4.6	0		104		6		.6		0		400	
2/20/74	5.5	0		14		14		1.2		0		450	
3/14/74	4.6	0		48		2		0.6		0		575	
4/19/74	4.6	0		46		2		1.1		0		425	
5/16/74	4.3	0		114		0		2.1	0	0		1,100	
6/26/74	5.2	0		78		4		.3		0		850	
7/24/74	4.3	0		68		0		1.0		0		875	
8/14/74	3.9	0		66		0		1.3		0		825	
9/23/74	4.5	0		72		0		.2		0		1,050	
10/28/74	4.5	0		46		0		.3		0		1,225	
11/21/74	4.6	0		32		2		.4		0		1,050	
12/18/74	6.5	0		6		40		1.4		0		200	
AVERAGE	4.5	0		47		6		.9		0		750	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SP-24

DATE	P H	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	
12/27/73	4.4	24	80	23	2	1	2.5	1	0	0	875	250	
JANUARY					NO	S A M P L E							
2/15/74	4.3	21	108	27	0	0	.4	0	0	0	350	90	
3/12/74	4.4	30	90	32	0	0	0	0	0	0	475	170	
4/17/74	4.4	22	94	25	0	0	.4	0	0	0	500	130	
5/16/74	4.3	16	100	19	0	0	.2	0	0	0	550	110	
6/24/74	4.8	19	136	31	4	1	0	0	0	0	175	40	
7/22/74	4.3	2	96	2	0	0	.1	0	0	0	900	20	
8/13/74	4.3	1	102	1	0	0	.2	0	0	0	975	10	
9/20/74	4.4	6	148	11	0	0	.1	0	0	0	1,125	80	
10/24/74	4.3	4	136	7	0	0	0	0	0	0	1,325	60	
11/19/74	4.4	9	74	8	0	0	0	0	0	0	925	100	
12/18/74	4.6	38	48	22	6	3	.4	0	0	0	600	270	
AVERAGE	4.4	16	101	17	1	0	.4	0	0	0	730	110	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-1

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
9/12/73	8.8	128	0	63	97	.7	1	0	0	55	80		
12/17/73	7.1	225	0	322	870	.3	1	0	0	55	150		
2/ 7/74	7.1	13,514	0	218	35,381	.4	71	0	0	70	11,360		
3/ 1/74	6.8	4,339	1,042	300	15,633	.2	10	0	0	45	2,340		
4/ 3/74	6.5	7,370	0	232	20,535	0	0	0	0	200	17,700		
5/ 8/74	6.4	1,267	335	1,030	15,673	0	0	0	0	150	2,280		
6/11/74	7.1	169	0	344	698	0	0	0	0	300	610		
7/15/74	7.1	3,555	342	190	8,112	.3	13	0	0	150	6,400		
8/ 7/74	6.9	78	0	244	229	.4	0	0	0	150	140		
9/ 5/74	6.6	4,466	18	106	5,685	.3	16	0	0	300	16,090		
10/ 3/74	7.0	819	0	148	1,456	0	0	0	0	225	2,210		
11/ 5/74	7.2	128	0	208	320	.7	1	0	0	300	460		
12/ 4/74	7.5	3,006	0	104	5,921	0	0	0	0	175	6,320		
AVERAGE	7.1	3,005	206	275	8,508	.3	9	0	0	170	5,090		

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

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
9/12/73	8.0	44	0	130	69	.7	0	0	0	0	0	65	30
12/17/73	7.6	940	0	294	3,319	0	0	0	0	0	0	59	670
2/ 5/74	8.1	1,775	0	350	7,461	.1	2	0	0	0	0	200	4,260
3/ 1/74	7.9	1,678	0	330	6,650	.4	8	0	0	0	0	175	3,530
4/ 3/74	7.3	2,899	0	260	9,052	.9	31	0	0	0	0	125	4,350
5/ 8/74	7.0	633	0	324	2,463	.1	1	0	0	0	0	150	1,140
6/17/74	7.1	413	0	368	1,825	.1	0	0	0	0	0	150	740
7/16/74	7.4	988	47	340	4,034	.1	1	0	0	0	0	150	1,780
8/ 8/74	7.0	325	0	366	1,429	.4	2	0	0	0	0	225	880
9/ 6/74	6.6	2,200	0	176	4,650	0	0	0	0	0	0	200	5,280
10/ 7/74	7.3	945	0	286	3,246	0	0	0	0	0	0	325	3,690
11/ 7/74	7.8	397	0	208	992	.7	3	0	0	0	0	275	1,310
12/10/74	7.6	3,447	0	148	6,127	0	0	0	0	0	0	150	6,210
AVERAGE	7.2	1,283	4	275	3,947	.3	4	0	0	0	0	170	2,600

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

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
NO SAMPLE													
12/17/73	7.6	204		0	0	392	960	0	0	0	0	88	220
2/ 5/74	8.1	336		0	0	350	1,412	.1	0	0	0	200	810
3/ 1/74	8.1	607		0	0	450	3,280	.2	2	0	0	150	1,090
4/ 3/74	7.8	952		0	0	350	4,002	0	0	0	0	75	860
5/ 8/74	7.8	285		0	0	412	1,410	0	0	0	0	150	510
6/17/74	6.7	388		40	186	446	2,078	0	0	0	0	125	580
7/16/74	7.3	228		4	11	390	1,070	.2	1	0	0	125	340
8/ 8/74	6.9	53		0	0	364	232	1.3	1	0	0	150	100
9/ 6/74	6.9	445		0	0	280	1,496	0	0	0	0	175	940
10/17/74	8.0	142		0	0	308	525	0	0	0	0	275	470
11/13/74	7.3	330		0	0	270	1,070	.5	2	0	0	325	1,290
12/13/74	8.0	1,788		0	0	202	4,338	1.3	28	0	0	150	3,220
AVERAGE	7.3	480		4	16	351	1,823	.3	3	0	0	170	870

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-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	
NO SAMPLE													
12/17/73	7.6	56	0	0	330	222	0	0	0	0	0	68	50
2/ 5/74	7.9	92	0	0	334	369	0	0	0	0	0	150	170
3/ 1/74	7.8	137	0	0	352	579	0	0	0	0	0	150	250
4/ 3/74	7.2	176	0	0	340	719	0	0	0	0	0	175	370
5/ 8/74	7.6	39	0	0	406	190	0	0	0	0	0	150	70
6/18/74	7.4	24	0	0	450	130	0	0	0	0	0	200	60
7/16/74	7.7	41	8	4	450	222	.4	0	0	0	0	125	60
8/ 8/74	6.9	8	0	0	450	43	.7	0	0	0	0	100	10
9/ 6/74	6.9	127	0	0	232	354	0	0	0	0	0	150	230
10/18/74	7.8	20	0	0	350	84	0	0	0	0	0	300	70
11/13/74	7.2	57	0	0	304	208	1.1	1	0	0	0	300	200
12/13/74	8.5	333	0	0	214	856	.7	3	0	0	0	150	600
AVERAGE	7.4	93	1	0	351	331	.2	0	0	0	0	170	180

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-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
9/12/73	7.7	138	0	140	232	0	0	.2	0	0	0	100	170
12/18/73	7.6	1,311	0	362	5,700	0	0	0	0	0	0	87	1,370
2/ 7/74	7.2	20,209	0	230	55,822	0	0	.6	146	0	0	70	16,990
3/ 1/74	8.0	6,872	0	270	22,283	0	0	.2	16	0	0	156	12,880
4/ 3/74	7.0	13,251	0	260	41,377	0	0	.7	11	0	0	175	27,850
5/ 8/74	7.5	2,537	0	306	9,323	0	0	.2	6	0	0	100	3,050
6/11/74	7.8	1,488	0	368	6,576	0	0	0	0	0	0	200	3,570
7/15/74	7.6	5,556	8	244	16,281	534	0	.1	7	0	0	150	10,010
8/ 7/74	6.8	700	0	336	2,825	0	0	.8	7	0	0	150	1,260
9/ 5/74	6.7	10,320	20	152	18,839	2,479	0	.1	12	0	0	250	30,980
10/ 3/74	7.1	2,342	0	184	5,175	0	0	0	0	0	0	225	6,330
11/ 5/74	7.5	1,255	0	220	3,316	0	0	.9	14	0	0	300	4,520
12/ 4/74	7.9	5,383	0	196	12,671	0	0	.4	30	0	0	150	9,700
AVERAGE	7.2	5,489	2	251	15,417	232	0	.3	19	0	0	160	9,900

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SR-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	
9/12/73	7.9	198	0	0	190	452	.4	1	0	0	100	240	
12/17/73	7.8	233	0	0	376	1,052	0	0	0	0	76	210	
2/ 5/74	8.0	410	0	0	406	1,999	.1	0	0	0	175	860	
3/ 1/74	7.6	648	0	0	388	3,020	.4	3	0	0	150	1,170	
4/ 3/74	7.6	500	0	0	380	2,282	0	0	0	0	175	1,050	
5/ 8/74	7.5	150	0	0	364	656	0	0	0	0	200	360	
6/18/74	7.3	272	0	0	454	1,483	0	0	0	0	175	570	
7/16/74	7.7	135	0	0	426	691	.3	0	0	0	150	240	
8/ 8/74	7.1	114	0	0	416	570	.4	1	0	0	175	240	
9/ 6/74	7.0	649	0	0	244	1,902	0	0	0	0	200	1,560	
10/18/74	8.0	160	0	0	356	684	0	0	0	0	300	580	
11/13/74	7.4	397	0	0	272	1,297	.9	4	0	0	175	830	
12/13/74	8.1	921	0	0	244	2,699	.7	8	0	0	75	830	
AVERAGE	7.5	368	0	0	347	1,445	.2	1	0	0	160	670	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-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
9/12/73	7.3	27	0	73	24	1.2	0	0	0	0	180	60	
12/17/73	6.7	106	8	180	229	.1	0	0	0	0	115	150	
2/ 8/74	8.0	250	0	256	769	0	0	0	0	0	175	520	
3/ 1/74	7.1	139	0	296	494	0	0	0	0	0	175	290	
4/ 3/74	7.7	303	0	290	1,055	0	0	0	0	0	150	550	
5/ 8/74	7.8	45	0	280	151	0	0	0	0	0	200	110	
6/18/74	6.5	194	22	292	680	0	0	0	0	0	175	410	
7/16/74	7.8	2	4	292	7	.1	0	0	0	0	175	0	
8/ 8/74	7.0	5	0	270	16	.7	0	0	0	0	125	10	
9/ 6/74	6.5	348	0	148	619	0	0	0	0	0	200	840	
10/18/74	7.2	3	0	228	8	.7	0	0	0	0	150	0	
11/13/74	7.2	127	0	246	375	.1	0	0	0	0	275	420	
12/13/74	7.8	622	0	172	1,285	0	0	0	0	0	250	1,870	
AVERAGE	7.0	167	2	233	439	.2	0	0	0	0	180	400	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-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
9/13/73	3.3	571	290	1,989	0	0	57.0	391	0	0	930	6,380
12/18/73	6.4	2,394	22	633	246	7,073	6.5	187	0	0	170	4,890
2/13/74	6.9	7,836	38	3,576	176	16,563	10.3	969	0	0	150	4,120
3/ 1/74	7.0	9,076	0	0	194	21,146	4.9	534	0	0	185	20,160
4/ 3/74	7.1	16,998	0	0	196	40,012	.1	20	0	0	175	35,720
5/ 9/74	6.7	3,979	40	1,911	84	4,014	10.4	497	0	0	275	13,140
6/11/74	5.8	2,878	24	830	44	1,521	15.2	525	0	0	275	9,500
7/15/74	7.0	8,344	10	1,002	166	16,635	0	0	0	0	25	2,500
8/ 7/74	4.2	1,525	56	1,026	0	0	21.6	396	0	0	200	3,660
9/ 5/74	6.1	13,520	20	3,247	106	17,211	3.7	601	0	0	300	48,710
10/ 3/74	6.5	3,575	16	687	86	3,692	14.8	635	0	0	425	18,250
11/ 5/74	6.1	5,684	18	1,229	88	6,007	14.0	956	9.0	614	400	27,300
12/ 4/74	7.3	8,348	0	0	164	16,442	17.8	1,785	3.4	337	200	20,050
AVERAGE	4.4	6,518	41	1,241	119	11,563	13.6	577	1.0	73	290	16,490

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-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
NO SAMPLE													
12/17/73	7.5	149	0	312	558	0	0	0	0	0	0	45	80
2/ 7/74	7.6	408	0	246	1,205	.3	1	0	0	0	0	58	280
3/ 1/74	8.0	149	0	292	523	.2	0	0	0	0	0	40	70
4/ 3/74	7.7	380	0	250	1,141	.1	0	0	0	0	0	150	680
5/ 8/74	7.6	102	0	340	417	.1	0	0	0	0	0	175	210
6/18/74	7.0	86	0	352	364	0	0	0	0	0	0	175	180
7/16/74	7.6	47	8	366	207	0	0	0	0	0	0	225	130
8/ 8/74	7.0	21	0	390	98	.2	0	0	0	0	0	225	60
9/16/74	6.7	201	0	182	439	0	0	0	0	0	0	225	540
10/18/74	7.8	70	0	240	202	0	0	0	0	0	0	175	150
11/13/74	7.7	139	0	186	311	.1	0	0	0	0	0	300	501
12/13/74	7.8	439	0	180	949	0	0	0	0	0	0	150	790
AVERAGE	7.5	183	1	278	535	.1	0	0	0	0	0	160	310

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-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
NO SAMPLE													
12/17/73	6.8	9	0	522	56	0	0	0	0	0	0	700	80
2/ 5/74	7.8	71	0	292	249	0	.1	0	0	0	0	275	230
3/ 4/74	7.4	96	0	422	487	0	.4	0	0	0	0	360	410
4/10/74	7.0	180	0	450	973	0	0	0	0	0	0	125	270
5/ 9/74	6.8	51	2	410	251	1	0	0	0	0	0	350	210
6/18/74	6.5	117	34	394	554	48	0	0	0	0	0	325	460
7/16/74	7.4	57	10	456	312	7	1.0	1	0	0	0	325	220
8/ 9/74	6.8	8	4	460	44	0	.5	0	0	0	0	225	20
9/ 9/74	6.7	101	0	298	361	0	.4	0	0	0	0	525	640
10/18/74	6.8	41	0	268	132	0	1.7	1	1.1	1	1	850	420
11/13/74	7.4	29	0	302	105	0	.1	0	0	0	0	275	100
12/13/74	7.7	267	0	250	802	0	11.0	35	1.1	4	4	125	400
AVERAGE	6.9	86	4	377	361	5	1.3	3	.2	0	0	370	290

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-11

SL 130-7

DATE	pH	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM	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
9/17/73	7.6	1	0	200	2	.4	0	0	0	0	0	53	0
12/19/73	7.2	28	0	288	97	0	0	0	0	0	0	135	40
2/ 5/74	8.2	44	0	292	154	0	0	0	0	0	0	150	80
3/ 4/74	7.8	87	0	326	341	.2	0	0	0	0	0	60	60
4/10/74	7.6	100	0	264	317	.7	1	0	0	0	0	225	270
5/ 9/74	7.5	23	0	300	83	0	0	0	0	0	0	175	50
6/18/74	6.4	90	18	218	236	0	0	0	0	0	0	250	270
7/16/74	7.6	30	8	262	94	.5	0	0	0	0	0	150	50
8/ 9/74	6.7	31	10	232	86	.1	0	0	0	0	0	200	70
9/ 9/74	6.9	35	0	164	69	.1	0	0	0	0	0	200	80
10/18/74	7.4	15	0	166	30	0	0	0	0	0	0	200	40
11/13/74	7.5	54	0	168	109	.3	0	0	0	0	0	325	210
12/13/74	7.5	291	0	152	531	0	0	0	0	0	0	175	610
AVERAGE	7.1	64	3	233	165	.2	0	0	0	0	0	180	140

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

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
9/17/73	3.0	312	660	2,473	0	0	57.0	214	1.8	7	1,600	5,990
12/19/74	3.0	415	320	1,595	0	0	31.2	156	0	0	900	4,590
2/ 5/74	2.9	945	440	4,990	0	0	31.1	353	0	0	600	6,810
3/ 4/74	3.2	1,065	318	4,067	0	0	20.6	264	0	0	675	8,630
4/10/74	3.2	1,477	240	4,257	0	0	17.2	305	0	0	475	8,430
5/13/74	3.5	1,399	186	3,125	0	0	10.8	181	0	0	575	9,660
6/18/74	3.0	970	236	2,749	0	0	13.0	151	0	0	500	5,820
7/16/74	3.1	735	252	2,224	0	0	12.3	109	0	0	675	5,960
8/ 9/74	2.8	408	200	980	0	0	16.9	83	0	0	725	3,550
9/ 9/74	3.0	734	700	6,171	0	0	11.2	99	0	0	925	8,150
10/ 7/74	3.4	600	252	1,816	0	0	17.9	129	1.1	8	950	6,850
11/ 6/74	3.1	491	202	1,191	0	0	9.5	56	2.2	13	900	5,310
12/10/74	4.4	1,562	110	2,064	0	0	34.1	640	0	0	850	15,940
AVERAGE	3.1	855	317	2,900	0	0	21.8	203	0	2	800	7,360

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-13

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
9/17/73	2.9	45	560	300	0	0	36.0	20	0	0	1,200	650
12/19/73	2.9	51	500	310	0	0	33.9	21	0	0	850	520
2/ 8/74	2.9	117	3,260	4,580	0	0	32.2	45	0	0	1,225	1,720
3/ 4/74	3.1	101	342	415	0	0	24.3	30	0	0	700	850
4/10/74	3.1	182	262	573	0	0	21.0	46	0	0	525	1,150
5/13/74	3.1	130	220	343	0	0	17.3	27	0	0	700	1,090
6/19/74	2.8	86	300	310	0	0	18.4	19	0	0	550	570
7/17/74	3.0	101	600	728	0	0	16.4	20	0	0	675	820
8/ 9/74	2.7	67	600	480	0	0	17.3	14	0	0	500	400
9/ 9/74	2.8	79	900	850	0	0	14.3	14	0	0	1,025	970
10/21/74	3.3	93	340	380	0	0	24.8	28	0	0	1,100	1,230
11/13/74	3.2	67	348	280	0	0	19.6	16	6.7	5	1,000	800
12/13/74	3.4	145	220	383	0	0	46.9	82	2.2	4	675	1,180
AVERAGE	3.0	97	650	760	0	0	24.8	29	.7	1	830	920

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

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
9/18/73	3.2	25	360	108	0	0	11.0	3	0	0	1,100	330
12/19/73	4.0	73	170	149	0	0	18.9	17	0	0	575	500
2/12/74	3.7	101	140	170	0	0	17.8	22	0	0	300	360
3/ 6/74	4.4	107	92	118	0	0	15.9	20	0	0	325	420
4/10/74	4.2	249	120	359	0	0	9.8	29	0	0	350	1,050
5/13/74	4.5	225	46	124	0	0	10.1	27	0	0	425	1,150
6/19/74	3.4	Data Missing	160		0	0	14.9		0	0	675	
7/17/74	4.1	93	128	143	0	0	13.6	15	0	0	600	670
8/ 9/74	3.7	41	150	74	0	0	3.6	2	0	0	600	300
9/ 9/74	3.2	107	176	226	0	0	11.0	14	0	0	850	1,090
10/21/74		56	S A M P L E B R O K E N I N T R A N S I T									
11/15/74	4.8	73	40	35	4	4	8.3	7	7.8	7	700	610
12/16/74	6.6	902	16	173	30	325	32.9	356	2.2	24	200	2,170
AVERAGE	3.7	171	133	153	3	27	140	47	.8	3	560	790

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-15

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	3.5	108	221	0	0	8.0	10	0	0	0	0	880	1,140
12/20/73	4.3	101	158	2	2	28.4	34	0	0	0	0	525	640
2/12/74	4.0	163	325	0	0	17.2	34	0	0	0	0	375	730
3/ 6/74	4.4	182	201	0	0	6.4	14	0	0	0	0	700	1,530
4/10/74	4.5	300	238	0	0	8.3	30	0	0	0	0	425	1,530
5/13/74	4.4	356	316	0	0	7.2	31	0	0	0	0	625	2,670
6/19/74	4.2	274	375	0	0	9.1	30	0	0	0	0	600	1,970
7/17/74	4.2	203	205	0	0	9.4	23	0	0	0	0	575	1,402
8/ 9/74	3.5	107	193	0	0	12.4	16	0	0	0	0	375	480
9/ 9/74	4.1	265	216	0	0	8.4	27	0	0	0	0	850	2,700
10/21/74	4.2	107	167	0	0	12.1	16	4.5	6	825	1,060		
11/15/74	4.5	117	118	0	0	12.7	18	5.6	8	750	1,050		
12/16/74	6.3	203	263	24	59	23.4	57	2.2	5	475	1,160		
AVERAGE	4.0	191	230	2	5	12.5	26	.9	1	610	1,391		

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-16

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	3.1	1,750	380	7,987	0	0	883	42.0	0	0	0	1,200	25,221
12/20/73	4.9	220,269	56	148,142	6	15,872	72,484	27.4	0	0	0	500	1,322,690
2/12/74	6.1	13,854	52	8,652	96	15,973	2,296	13.8	0	0	0	275	45,760
3/ 6/74	6.5	14,818	20	3,559	136	24,203	107	0.6	0	0	0	265	47,160
4/11/74	6.2	19,443	10	2,335	160	37,361	1,611	6.9	0	0	0	175	40,860
5/13/74	6.2	26,590	20	6,387	194	61,952	798	2.5	0	0	0	200	63,870
6/11/74	4.3	5,287	120	7,620	0	0	1,079	17.0	0	0	0	200	12,700
7/15/74	6.3	12,355	20	2,968	94	13,948	0	0	0	0	0	225	33,390
8/ 7/74	3.6	3,245	110	4,287	0	0	436	11.2	0	0	0	400	15,590
9/ 5/74	6.2	15,774	16	3,031	110	20,839	0	0	0	0	0	350	66,300
10/3/74	6.1	5,802	26	1,812	30	2,090	1,150	16.5	0	0	0	600	41,810
11/5/74	5.9	5,405	22	1,428	34	2,207	753	11.6	7.8	506	0	625	40,570
12/4/74	7.5	10,779	0	0	32	4,143	2,783	21.5	3.4	435	0	300	38,840
AVERAGE	4.1	27,336	66	15,247	69	15,276	6,491	13.2	.9	72	410	138,060	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-17

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
9/19/73	4.5	21	71	280	0	0	0	2.8	1	0	0	1,400	350
12/26/73	4.7	37	28	62	8	4	4	3.4	2	0	0	1,075	480
2/12/74	4.0	101	182	150	0	0	0	3.2	4	0	0	775	940
3/ 6/74	4.5	73	82	94	0	0	0	1.9	2	0	0	1,025	900
4/11/74	4.6	117	90	64	2	3	3	1.1	2	0	0	575	810
5/13/74	6.0	101	24	20	12	15	15	.7	1	0	0	800	970
6/19/74	4.3	56	67	100	0	0	0	1.6	1	0	0	550	370
7/17/74	4.3	56	79	118	0	0	0	1.2	1	0	0	1,125	760
8/12/74	3.9	41	53	108	0	0	0	1.1	0	0	0	950	470
9/11/74	4.5	46	28	50	0	0	0	1.6	1	0	0	1,200	660
10/21/74	4.6	46	60	108	6	3	3	.9	0	0	0	1,350	750
11/15/74	4.9	46	19	34	6	3	3	1.4	1	0	0	1,100	610
12/16/74	6.4	130	31	20	24	37	37	1.8	3	0	0	700	1,090
AVERAGE	4.4	67	63	93	4	5	5	1.7	1	0	0	970	700

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-18

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	6.6	9	0	0	6	1	2.6	0	0	0	0	910	100
12/27/73	6.2	19	20	5	80	18	1.0	0	0	0	0	995	230
2/12/74	5.3	37	50	22	14	6	1.4	1	0	0	0	550	240
3/ 6/74	6.2	51	24	15	54	33	1.0	1	0	0	0	800	490
4/11/74	5.8	26	20	6	50	16	1.0	0	0	0	0	450	140
5/14/74	6.3	41	50	25	70	34	1.0	0	0	0	0	700	340
6/19/74	5.7	14	12	2	74	12	.6	0	0	0	0	500	80
7/17/74	6.4	14	12	2	28	5	.9	0	0	0	0	975	160
8/12/74	5.1	7	16	1	8	1	1.0	0	0	0	0	700	60
9/11/74	6.4	10	0	0	38	5	1.0	0	0	0	0	925	110
10/21/74	6.2	10	18	2	60	7	0.3	0	0	0	0	1,050	130
11/15/74	6.6	22	2	1	106	28	1.0	0	0	0	0	725	190
12/16/74	6.9	93	8	9	56	63	2.0	2	0	0	0	525	590
AVERAGE	5.8	27	18	7	50	18	1.1	0	0	0	0	750	220

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-19

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	
9/19/73	3.8	4	220	11	0	0	0	1.2	0	0	0	1,600	80
12/27/73	4.3	65	198	155	2	2	1	1.4	1	0	0	1,275	990
2/12/74	2.8	24	3,000	860	0	0	7	23.7	7	0	0	975	280
3/ 6/74	3.7	60	260	187	0	0	6	8.1	6	0	0	1,050	760
4/11/74	3.1	89	384	410	0	0	29	27.4	29	0	0	1,100	1,180
5/14/74	3.4	76	300	274	0	0	7	7.6	7	0	0	1,350	1,230
6/20/74	3.4	40	262	126	0	0	2	3.9	2	0	0	1,325	640
7/17/74	3.9	13	184	29	0	0	0	1.8	0	0	0	1,400	220
8/12/74	3.5	8	166	16	0	0	0	2.1	0	0	0	1,525	150
9/11/74	4.4	17	146	30	0	0	0	1.1	0	0	0	1,800	370
10/21/74	4.7	13	190	30	8	1	0	.2	0	0	0	2,050	320
11/15/74	4.7	26	88	28	10	3	0	.3	0	0	0	1,375	430
12/17/74	4.1	180	124	268	0	0	22	10.0	22	0	0	975	2,110
AVERAGE	3.5	47	425	187	2	0	6	6.8	6	0	0	1,370	670

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

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
9/20/73	3.2	4,350	16,718	320	0	0	24.0	1,254	19.0	993	1,400	73,140	
JANUARY					FLOOD STAGE								
2/13/74	6.3	23,360	11,222	40	68	19,077	3.0	842	0	0	275	77,150	
3/ 7/74	6.8	28,925	11,116	32	130	45,160	.8	278	0	0	275	95,530	
4/15/74	5.9	33,087	17,484	44	110	43,711	13.3	5,285	6.7	2670	325	129,140	
5/13/74	6.5	39,624	2,855	6	140	66,622	3.7	1,761	0	0	350	166,560	
6/11/74	5.2	13,100	7,552	48	12	1,888	17.3	2,722	0	0	325	51,130	
7/15/74	6.2	26,136	6,906	22	76	23,856	0	0	0	0	425	133,400	
8/ 7/74	3.7	5,755	6,912	100	0	0	3.6	249	0	0	625	43,200	
9/ 5/74	6.1	36,978	8,882	20	68	30,199	1.0	444	0	0	425	188,740	
10/ 3/74	6.0	12,974	4,363	28	26	4,051	21.3	3,319	2.2	349	875	136,340	
11/ 5/74	6.1	20,198	4,851	20	38	9,218	13.5	3,276	7.8	1,892	850	200,190	
12/ 4/74	7.0	26,253	0	0	100	31,529	32.9	10,373	3.4	1,059	525	165,530	
AVERAGE	4.2	22,562	8,238	57	64	22,943	11.2	2,483	3.3	580	560	122,170	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-21

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		G P M	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	2.7	135	17,840	11,000	0	0	0	5,300.0	8,593	5,000.0	8,107	1,100	1,780
12/27/73	2.4	356	13,250	3,100	0	0	0	3,304.8	14,130	1,120.0	4,789	525	2,240
2/ 7/74	2.5	551	11,250	1,700	0	0	0	1,086.5	7,190	598.1	3,958	175	1,160
3/ 7/74	3.1	328	13,551	3,440	0	0	0	1,608.5	6,336	1,288.0	5,074	425	1,670
4/16/74	3.0	356	20,950	4,900	0	0	0	1,470.0	6,285	728.0	3,113	450	1,920
5/15/74	2.8	417	12,520	2,500	0	0	0	1,190.0	5,960	840.0	4,207	350	1,750
6/24/74	2.6	356	16,670	3,900	0	0	0	1,750.0	7,482	1,232.0	5,267	425	1,820
7/19/74	2.2	145	11,140	6,400	0	0	0	4,040.0	7,035	3,304.0	5,754	700	1,220
8/13/74	2.1	107	8,480	6,600	0	0	0	4,335.0	5,571	86.2	111	950	1,220
9/13/74	2.9	225	12,700	4,700	0	0	0	3,355.0	9,066	50.4	136	850	2,300
10/24/74	3.0	130	10,304	6,600	0	0	0	1,925.0	3,005	900.0	1,405	1,075	1,680
11/19/74	3.2	163	13,507	6,900	0	0	0	1,420.0	2,780	50.4	99	825	1,620
12/17/74	4.1	989	11,165	940	0	0	0	629.0	7,471	582.4	6,918	400	4,750
AVERAGE	2.6	328	13,330	4,822	0	0	0	2,416.4	6,714	1,213.8	3,764	640	1,930

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-22

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	
9/24/73	8.2	2	0	0	190	5	.1	0	0	0	0	270	10
12/27/73	6.9	66	10	8	242	192	.1	0	0	0	0	300	240
2/ 7/74	7.9	108	0	0	192	249	.1	0	0	0	0	225	290
3/ 7/74	7.2	71	0	0	268	229	.2	0	0	0	0	310	260
4/16/74	7.1	78	0	0	274	257	.3	0	0	0	0	150	140
NO SAMPLE		Data Missing											
6/24/74	7.8	75	0	0	272	245	0	0	0	0	0	150	140
7/19/74	7.0	30	32	12	304	110	.1	0	0	0	0	300	110
8/13/74	7.7	9	0	0	370	40	.2	0	0	0	0	425	50
9/13/74	7.7	30	0	0	160	58	.1	0	0	0	0	325	120
10/24/74	7.0	13	0	0	228	36	.1	0	0	0	0	425	70
11/19/74	7.2	58	0	0	196	136	.2	0	0	0	0	400	280
12/17/74	7.6	218	0	0	120	314	0	0	0	0	0	300	780
AVERAGE	7.3	62	4	2	235	156	.1	0	0	0	0	300	210

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-23

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
9/24/73	7.4	25	0	36	11	0	0	.3	0	0	0	1,200	360
1/15/74	6.2	249	0	54	161	0	0	.4	1	0	0	675	2,020
2/ 7/74	6.2	449	16	36	194	86	0	.1	0	0	0	475	2,560
3/ 7/74	7.0	203	0	66	161	0	0	.6	2	0	0	800	1,950
4/16/74	6.0	203	30	34	83	73	0	.6	2	0	0	650	1,580
5/15/74	5.6	203	6	30	73	15	0	.3	1	0	0	450	1,100
6/20/74	5.4	93	14	44	49	16	0	.5	1	0	0	425	480
7/18/74	5.8	7	20	70	6	2	0	.4	0	0	0	725	60
8/12/74	6.6	17	6	90	18	1	0	4.7	1	0	0	925	190
9/11/74	6.6	182	14	38	83	31	0	.3	1	0	0	1,075	2,350
10/22/74	6.3	86	8	58	60	8	0	.9	1	0	0	1,200	1,240
11/19/74	6.6	107	2	78	100	3	0	.5	1	0	0	975	1,250
12/17/74	7.2	587	0	40	282	0	0	.5	4	0	0	600	4,230
AVERAGE	6.0	185	9	52	99	18	0	.8	1	0	0	780	1,490

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-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
9/24/73	8.2	11	0	0	180	24	0	.1	0	0	0	440	60
1/15/74	6.5	107	18	14	144	185	18	.9	1	0	0	230	300
2/ 7/74	7.2	163	0	0	118	231	0	.3	1	0	0	150	290
3/ 7/74	7.1	123	0	0	148	219	0	.2	0	0	0	235	350
4/16/74	6.8	74	2	2	172	163	2	.6	1	0	0	225	210
5/15/74	6.2	107	10	8	190	244	10	.3	0	0	0	150	190
6/20/74	7.1	56	0	0	264	178	0	0	0	0	0	325	220
7/18/74	7.1	10	2	16	292	35	2	.3	0	0	0	250	30
8/12/74	7.4	8	0	0	312	30	0	.4	0	0	0	325	30
9/11/74	7.2	41	0	0	154	76	0	0	0	0	0	450	220
10/22/74	6.9	67	0	0	230	185	0	.5	0	0	0	450	360
11/19/74	7.0	46	0	0	190	105	0	.3	0	0	0	475	260
12/17/74	7.0	274	0	0	70	230	0	.3	1	0	0	200	660
AVERAGE	6.8	84	2	3	190	147	2	.3	0	0	0	300	240

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-25

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	7.8	50	0	0	88	53	.5	0	0	0	0	900	540
1/15/74	6.5	778	0	0	122	1,140	1.8	17	0	0	0	350	3,270
2/ 7/74	7.0	1,078	0	0	104	1,346	.3	4	0	0	0	275	3,560
3/ 7/74	6.5	396	24	114	114	542	.2	1	0	0	0	325	1,550
4/16/74	6.8	317	12	46	112	426	.5	2	0	0	0	450	1,710
5/15/74	6.7	311	2	7	122	456	.3	1	0	0	0	275	1,030
6/20/74	7.2	185	0	0	106	236	.5	1	0	0	0	700	1,560
7/18/74	6.9	361	16	69	158	685	2.7	12	0	0	0	575	2,490
8/12/74	7.3	71	4	3	162	138	5.4	5	0	0	0	625	530
9/11/74	7.0	216	0	0	74	192	.2	0	0	0	0	1,025	2,660
10/22/74	6.6	133	0	0	130	208	.4	1	0	0	0	1,600	2,560
11/19/74	7.0	242	0	0	136	395	.4	1	0	0	0	650	1,890
12/17/74	6.2	1,709	6	123	64	1,314	0	0	0	0	0	425	8,720
AVERAGE	6.7	450	5	28	115	549	1.0	4	0	0	0	630	2,470

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7 STATION NO. SR-26

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	4.7	116	110	153	0	0	4	2.5	4	0	0	2,000	2,790
1/16/74	6.5	915	18	198	20	220	28	2.5	28	0	0	1,040	11,430
2/14/74	4.6	362	62	270	2	9	70	16.2	70	0	0	975	4,420
3/ 8/74	5.3	372	72	322	12	54	45	10.0	45	0	0	1,050	4,690
4/16/74	6.1	271	32	104	50	163	27	8.4	27	1.1	4	850	2,770
5/15/74	5.9	339	16	65	12	49	38	9.4	38	0	0	900	3,660
6/20/74	4.6	268	180	579	6	19	35	10.9	35	0	0	1,525	4,910
7/18/74	5.1	65	28	22	12	9	2	2.4	2	0	0	1,350	1,050
8/12/74	4.3	104	100	125	0	0	0	.1	0	0	0	2,025	2,530
9/11/74	4.6	164	58	114	2	4	8	3.9	8	0	0	2,200	4,330
10/22/74	4.7	134	86	138	6	10	16	10.1	16	7.8	13	2,400	3,860
11/19/74	4.9	287	72	248	8	28	48	13.9	48	0	0	1,675	5,770
12/17/74	4.8	1,162	20	279	6	84	444	31.8	444	0	0	975	13,610
AVERAGE	4.8	351	66	201	10	50	59	9.4	59	0.7	1	1,460	5,050

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-27

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
10/1/73	4.8	50	66	110	0	0	0	.4	0	0	0	2,100	1,260
1/15/74	4.5	300	641	178	0	0	0	3.4	12	0	0	850	3,060
2/ 7/74	4.5	386	788	170	0	0	0	1.0	5	0	0	575	2,670
3/ 8/74	4.7	182	223	102	2	4	0	.6	1	0	0	725	1,580
4/16/74	4.4	225	513	190	0	0	0	2.2	6	0	0	725	1,960
5/15/74	4.3	240	721	250	0	0	0	0.8	2	0	0	1,075	3,100
6/24/74	4.2	133	684	428	0	0	0	2.2	4	0	0	500	800
7/19/74	3.2	76	405	444	0	0	0	1.4	1	0	0	2,475	2,260
8/13/74	4.0	36	269	622	0	0	0	.7	0	0	0	2,350	1,020
9/12/74	3.5	106	970	762	0	0	0	4.8	6	0	0	4,100	5,220
10/24/74	4.3	84	397	394	0	0	0	2.0	2	0	0	4,300	4,340
11/19/74	4.5	100	259	216	0	0	0	4.0	5	0	0	1,750	2,100
12/18/74	4.8	300	252	70	8	29	0	5.9	21	0	0	1,075	3,870
AVERAGE	4.0	171	476	303	1	3	0	2.3	5	0	0	1,740	2,560

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-28

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
10/1/73	3.9	870	3,030	290	0	0	6.1	64	.8	8	2,500	26,120	
1/15/74	5.3	2,287	769	28	12.0	330	8.9	244	0	0	875	24,030	
2/14/74	4.6	1,055	1,571	124	2.0	25	8.4	106	0	0	1,050	13,300	
3/ 6/74	5.2	1,706	1,393	68	10.0	205	4.1	84	0	0	800	16,390	
4/16/74	4.9	1,593	1,110	58	10.0	191	4.3	82	0	0	600	11,480	
5/15/74	4.5	1,875	2,072	92	0	0	4.3	97	0	0	700	15,760	
6/24/74	4.4	2,151	6,613	256	0	0	4.9	127	0	0	500	12,920	
7/19/74	3.9	452	1,542	284	0	0	5.5	30	0	0	1,700	9,230	
8/13/74	3.8	357	1,132	264	0	0	5.9	25	0	0	2,200	9,430	
9/12/74	4.3	767	2,782	302	0	0	5.7	52	0	0	1,975	18,190	
10/7/74	4.7	827	1,549	156	6.0	60	9.2	91	0	0	2,275	22,600	
11/7/74	4.9	1,603	924	48	6.0	115	6.2	119	4.5	87	1,550	29,840	
12/10/74	6.5	2,834	272	8	24.0	817	10.4	354	0	0	900	30,630	
AVERAGE	4.3	1,414	1,905	152	5.0	134	6.5	114	0.4	7	1,360	18,460	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-29

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	
10/1/73	4.0	876	280	2,946	0	0	1.9	20	0	0	2,500	26,300	
1/16/74	6.3	19,547	12	2,817	28	6,573	6.2	1,456	0	0	550	129,120	
2/14/74	4.5	1,623	14	273	0	0	6.0	117	0	0	1,025	19,980	
3/ 8/74	5.7	2,084	48	1,201	18	451	2.8	70	0	0	900	22,530	
4/17/74	5.3	2,042	22	540	12	294	5.8	142	0	0	800	19,620	
5/15/74	4.6	2,634	60	1,898	2	63	2.8	89	0	0	525	16,610	
6/24/74	4.5	2,514	234	7,065	0	0	3.5	106	0	0	600	18,120	
7/19/74	4.2	393	224	1,057	0	0	2.7	13	0	0	1,450	6,840	
8/13/74	4.1	320	216	830	0	0	2.2	8	0	0	2,000	7,690	
9/13/74	4.4	893	190	2,038	0	0	3.4	36	0	0	1,725	18,500	
10/7/74	4.7	971	160	1,866	8	93	8.0	93	0	0	1,625	18,950	
11/7/74	5.2	2,396	20	576	6	173	4.8	138	4.5	129	1,450	41,720	
12/10/74	6.2	4,077	6	294	16	783	7.2	352	0	0	675	33,050	
AVERAGE	4.5	3,105	114	1,800	7	648	4.4	203	.3	10	1,220	29,160	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-30

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	
10/1/73	7.8	22	0	0	94	25	.1	0	0	0	190	50	
1/15/74	6.4	417	14	70	38	190	.1	1	0	0	270	1,350	
2/14/74	6.7	203	64	156	56	137	.3	1	0	0	225	550	
3/ 8/74	6.5	249	8	24	64	191	.4	1	0	0	225	670	
4/17/74	6.2	203	2	5	86	210	.2	0	0	0	250	610	
5/15/74	6.3	203	2	5	60	146	.1	0	0	0	300	730	
6/24/74	6.4	274	16	53	54	178	.1	0	0	0	225	740	
7/19/74	6.4	33	16	6	114	45	.3	0	0	0	225	90	
8/13/74	7.3	10	0	0	178	21	.9	0	0	0	275	30	
9/13/74	6.2	101	12	15	44	53	.1	0	0	0	425	520	
10/24/74	6.8	56	0	0	70	47	0	0	0	0	450	300	
11/19/74	6.6	117	0	0	82	115	0	0	0	0	425	600	
12/18/74	7.0	551	0	0	30	198	0	0	0	0	275	1,820	
AVERAGE	6.5	188	10	26	75	120	.2	0	0	0	290	620	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-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
10/5/73	6.6	24	3	10	3	50	14	0	0	0	0	426	120
1/15/74	6.3	244	0	0	0	106	311	.4	1	0	0	215	630
2/15/74	7.2	75	0	0	0	124	112	.1	0	0	0	100	90
3/ 8/74	7.2	106	0	0	0	140	178	.2	0	0	0	215	270
4/17/74	6.5	120	0	0	0	140	202	.2	0	0	0	100	140
5/15/74	6.2	88	6	6	6	140	148	.1	0	0	0	150	160
6/24/74	7.0	140	20	12	20	140	235	.1	0	0	0	125	210
7/19/74	6.9	9	1	12	1	178	19	.6	0	0	0	200	20
8/13/74		0											
9/13/74	7.2	17	0	0	0	132	27	.1	0	0	0	300	60
10/24/74	7.0	13	0	0	0	106	17	0	0	0	0	450	70
11/19/74	7.0	15	0	0	0	106	19	.1	0	0	0	350	60
12/18/74	7.1	240	0	0	0	62	179	0	0	0	0	275	790
AVERAGE	6.7	84	2	3	2	119	122	.2	0	0	0	240	220

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-32

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/ 1/73	3.1	1,675	1,800	36,210	0	0	800.0	16,093	650.0	13,076	1,900	38,220	
1/22/74	2.9	8,000	228	21,910	0	0	77.8	7,475	0	0	700	67,260	
2/15/74	2.7	3,288	560	22,110	0	0	178.3	7,041	52.6	2,077	475	18,760	
3/ 8/74	2.9	3,518	1,200	50,700	0	0	154.1	6,511	47.0	1,986	350	14,790	
4/17/74	2.8	3,460	1,200	49,860	0	0	164.0	6,815	107.5	4,468	550	22,860	
5/15/74	2.8	4,224	320	16,230	0	0	119.0	6,037	112.0	5,682	400	20,290	
6/24/74	2.8	4,098	460	22,640	0	0	58.6	2,884	0	0	280	13,780	
7/19/74	2.0	726	900	7,850	0	0	390.0	3,400	166.9	1,455	1,100	9,590	
8/13/74	3.1	485	1,590	9,261	0	0	1,281.5	7,464	756.0	4,404	1,450	8,450	
9/13/74	2.4	1,551	900	16,760	0	0	132.3	2,464	2.2	41	1,200	22,350	
10/ 7/74	2.9	1,289	600	9,290	0	0	229.0	3,545	2.2	35	1,300	20,120	
11/ 7/74	2.9	3,368	400	16,180	0	0	82.5	3,337	81.8	3,309	925	37,420	
12/10/74	3.1	7,168	98	8,436	0	0	113.4	9,762	60.5	5,207	450	38,740	
AVERAGE	2.7	3,296	789	22,110	0	0	291.0	6,371	156.0	3,211	850	25,590	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SR-33

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	
10/ 1/73	4.7	130	110	172	0	0	5.5	9	.5	1	1,700	2,650	
1/15/74	5.6	1,083	24	312	12	156	6.0	78	0	0	390	5,070	
2/15/74	4.9	300	18	65	6	22	9.4	34	4.5	16	725	2,610	
3/ 8/74	5.5	300	70	252	26	94	2.5	9	0	0	1,025	3,690	
4/17/74	5.2	312	52	195	10	37	5.3	20	0	0	675	2,530	
5/15/74	5.3	344	44	182	58	240	1.9	8	0	0	775	3,200	
6/24/74	5.8	419	76	382	24	121	2.1	11	0	0	650	3,270	
7/19/74	4.8	178	16	34	6	13	2.4	5	0	0	1,075	2,300	
8/13/74	4.6	106	72	92	4	5	6.2	8	5.6	7	1,525	1,940	
9/13/74	6.1	196	16	38	26	61	3.5	8	0	0	1,125	2,650	
10/24/74	6.1	156	34	64	32	60	5.0	9	4.8	9	1,700	3,180	
11/19/74	6.3	184	20	44	68	150	5.2	12	2.2	5	1,225	2,710	
12/18/74	6.3	620	38	283	34	253	31.5	236	0	0	850	6,330	
AVERAGE	5.1	333	45	163	24	93	6.6	34	1.4	3	1,030	3,240	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-34

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	
NO SAMPLE													
1/17/74	2.7	662	1,400	11,130	0	0	159.2	1,266	0	0	2,225	17,690	
2/13/74	2.7	449	2,120	11,430	0	0	420.2	2,266	0	0	1,650	8,900	
3/18/74	2.7	1,310	2,000	31,470	0	0	130.6	2,055	103.0	1,620	3,250	51,130	
4/25/74	2.6	1,331	1,440	23,020	0	0	289.0	4,620	0	0	1,775	28,370	
5/28/74		787	S A M P L E B R O K E N I N T R A N S I T										
6/28/74	2.6	188	1,300	2,940	0	0	283.0	639	0	0	2,750	6,210	
7/26/74	2.6	383	1,500	6,900	0	0	535.0	2,461	0	0	2,850	13,110	
8/19/74	2.9	226	1,400	3,800	0	0	166.7	452	6.7	18	2,375	6,450	
9/25/74	3.2	386	892	4,135	0	0	155.6	721	14.6	68	2,000	9,270	
10/29/74	2.9	303	500	1,820	0	0	245.0	892	196.0	713	3,500	12,740	
11/26/74	2.9	258	680	2,110	0	0	177.0	548	0	0	2,500	7,750	
12/30/74	2.9	418	1,500	7,530	0	0	49.3	248	49.3	247	2,125	10,670	
AVERAGE	2.8	558	1,339	9,660	0	0	237.3	1,470	33.6	242	2,460	9,060	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-35

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
9/29/73	3.1	18,358	630	138,900	0	0	180.0	39,686	120.0	26,457	1,400	308,670
1/22/74	3.1	110,315	104	137,786	0	0	50.0	66,243	0	0	350	463,700
2/15/74	2.8	7,072	280	23,780	0	0	75.7	6,430	4.5	382	475	40,340
3/12/74	3.1	10,304	136	16,830	0	0	63.0	7,796	2.2	272	225	27,840
4/17/74	3.1	7,264	400	34,896	0	0	74.4	6,491	38.1	3,322	450	39,260
5/16/74	3.0	8,855	170	18,079	0	0	57.6	6,126	1.1	117	350	37,220
6/25/74		7,129	S A M P L E L O S T I N T R A N S I T									
7/22/74	2.8	1,751	500	10,510	0	0	118.7	2,496	110.9	2,332	850	17,880
8/ 7/74	2.5	1,669	1,400	28,060	0	0	359.1	7,198	222.9	4,467	900	18,040
9/20/74	2.9	3,316	400	15,930	0	0	44.6	1,776	11.2	446	1,125	44,800
10/ 7/74	3.1	1,956	354	8,316	0	0	89.3	2,098	1.1	26	1,750	41,110
11/ 6/74	3.3	8,709	80	8,367	0	0	24.3	2,542	19.0	1,987	950	99,360
12/11/74	3.4	9,963	76	9,094	0	0	88.5	10,589	40.3	4,824	450	53,840
AVERAGE	3.0	15,128	378	37,550	0	0	102.1	13,289	47.6	3,720	770	99,340

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-36

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	
9/29/73	5.0	150	68	123	0	0	4.5	8	0	0	0	1,700	3,060
1/22/74	4.1	673	130	1,051	0	0	9.2	74	0	0	0	1,050	8,490
2/26/74	4.5	541	112	728	0	0	13.2	86	0	0	0	1,225	7,960
3/ 7/74	4.9	541	62	403	2	13	5.1	33	0	0	0	1,200	7,800
4/15/74	4.4	582	146	1,021	0	0	8.2	57	0	0	0	1,275	8,910
5/14/74	4.5	500	44	264	0	0	3.0	18	0	0	0	1,558	9,360
6/20/74	4.3	288	212	733	0	0	4.0	14	0	0	0	1,625	5,620
7/17/74	4.7	122	46	67	0	0	1.6	2	0	0	0	1,800	2,640
8/12/74	4.5	108	112	145	0	0	2.8	4	0	0	0	1,375	1,780
9/11/74	4.5	200	78	187	0	0	3.9	9	0	0	0	2,050	4,920
10/21/74	5.5	300	40	144	12	43	9.4	34	1.1	4	0	1,525	5,490
11/15/74	6.2	205	10	25	48	118	7.7	19	0	0	0	1,525	3,760
12/17/74	5.1	697	14	117	14	117	7.7	65	0	0	0	1,050	8,790
AVERAGE	4.6	347	83	385	6	22	6.2	33	0.1	0	0	1,460	6,040

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-37

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	6.2	22	18	5	28	7	0	0	0	0	0	976	260
2/ 1/74	7.1	191	0	0	238	546	0	0	0	0	0	240	550
2/26/74	7.1	252	0	0	164	496	.3	1	0	0	0	650	1,970
3/ 7/74	7.1	504	0	0	178	1,077	.2	1	0	0	0	600	3,630
4/15/74	7.0	347	0	0	184	767	.4	2	0	0	0	675	2,810
5/14/74	7.1	341	0	0	178	729	.2	1	0	0	0	800	3,280
6/20/74	7.0	199	14	33	154	368	.2	0	0	0	0	1,075	2,570
7/18/74	6.6	89	2	2	130	139	.4	0	0	0	0	975	1,042
8/12/74	7.3	63	0	0	134	101	.3	0	0	0	0	1,200	910
9/11/74	7.2	83	0	0	84	84	0	0	0	0	0	1,100	1,100
10/22/74	6.9	81	0	0	114	111	.1	0	0	0	0	1,375	1,340
11/15/74	7.1	162	0	0	128	249	.1	0	0	0	0	1,175	2,290
12/17/74		494											
AVERAGE	6.8	218	3	3	143	390	.2	0	0	0	0	900	1,730

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-38

DATE	P H	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/ 3/73	7.5	68	0	114	93	0	0	0	0	0	0	724	590
2/ 1/74		120	SAMPLE BROKEN IN TRANSIT				.3	0	0	0	0		
2/26/74	7.5	184	0	216	477		.2	0	0	0	0	550	1,210
3/ 7/74	7.6	210	0	232	585		0	0	0	0	0	650	1,640
4/15/74	7.2	213	0	206	527		.4	1	0	0	0	775	1,980
5/14/74	7.3	212	0	176	448		.3	1	0	0	0	750	1,910
6/20/74	7.4	153	0	182	334		.2	0	0	0	0	1,000	1,840
7/18/74	6.9	64	0	170	131		.3	0	0	0	0	725	560
8/12/74	6.6	32	1	198	76		.4	0	0	0	0	850	330
9/11/74	7.1	73	0	1,516	1,329		0	0	0	0	0	1,150	1,010
10/22/74	7.4	61	0	156	114		.1	0	0	0	0	1,075	790
11/15/74	7.4	50	0	174	104		1.7	1	0	0	0	1,075	650
12/17/74	7.0	388	0	108	503		.3	1	0	0	0	725	3,380
AVERAGE	7.1	141	0	287	393		.3	0	0	0	0	840	1,320

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-39

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	
9/20/73	8.0	370	0	0	76	338	.2	1	0	0	0	1,300	5,780
1/22/74	6.3	3,640	0	0	110	4,809	.1	4	0	0	0	675	29,510
2/13/74	7.4	1,991	0	0	118	2,822	.6	14	0	0	0	525	12,550
3/ 7/74	7.1	2,517	0	0	120	3,627	.2	6	0	0	0	650	19,650
4/15/74	6.3	2,817	10	338	138	4,669	.1	3	0	0	0	775	26,220
5/14/74	6.1	2,560	4	123	118	3,628	.2	6	0	0	0	825	25,360
6/11/74	6.8	1,009	10	121	126	1,527	0	0	0	0	0	750	9,090
7/15/74	7.1	1,504	0	0	110	1,987	0	0	0	0	0	750	13,550
8/ 7/74	6.7	451	6	33	122	661	4.6	25	0	0	0	1,150	6,230
9/11/74	7.0	829	10	100	90	896	0	0	0	0	0	1,300	12,940
10/ 3/74	7.1	627	0	0	80	602	0	0	0	0	0	1,450	10,920
11/ 5/74	6.7	2,816	0	0	84	2,841	0	0	0	0	0	925	31,280
12/ 4/74	7.7	2,267	0	0	82	2,233	0	0	0	0	0	850	23,140
AVERAGE	6.7	1,800	3	55	106	2,357	.5	5	0	0	0	920	17,400

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7 STATION NO. SR-40

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	CONCENTRATION MG/L
9/29/73	7.3	5	0	0	20	1	.6	0	0	0	0	940	60
1/16/74	6.2	99	0	0	36	43	.1	0	0	0	0	675	800
2/26/74	6.8	46	12	7	44	24	.3	0	0	0	0	375	210
3/12/74	6.0	67	6	5	40	32	6.0	5	0	0	0	225	180
4/18/74	6.2	61	20	15	50	37	.2	0	0	0	0	450	330
5/16/74	5.7	61	10	7	58	42	.2	0	0	0	0	350	260
6/26/74	6.3	33	20	8	38	15	.1	0	0	0	0	675	270
7/22/74	6.7	7	8	1	46	4	.1	0	0	0	0	1,000	80
8/13/74	6.8	8	14	1	46	4	.7	0	0	0	0	1,100	110
9/20/74	6.3	37	10	4	36	16	.2	0	0	0	0	775	340
10/24/74	6.1	19	8	2	20	5	.5	0	0	0	0	975	220
11/19/74	6.1	29	0	0	28	10	0	0	0	0	0	950	330
12/18/74	6.6	101	0	0	42	51	0	0	0	0	0	525	640
AVERAGE	6.2	44	8	4	40	22	.7	0	0	0	0	690	290

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-41

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	
9/29/73	7.1	22	0	0	16	4	.4	0	0	0	0	1,400	370
1/16/74	6.3	145	10	17	34	59	.1	0	0	0	0	650	1,130
2/18/74	6.7	41	36	18	42	21	.1	0	0	0	0	550	270
3/12/74	6.2	163	6	12	48	94	3.8	7	0	0	0	375	730
4/18/74	5.7	93	8	9	30	34	.2	0	0	0	0	650	730
5/16/74	5.9	101	10	12	38	46	.1	0	0	0	0	600	730
6/25/74		67											
S A M P L E L O S T I N T R A N S I T													
7/22/74	7.0	7	0	0	110	9	0	0	0	0	0	1,050	90
8/13/74	6.7	5	18	1	100	6	.2	0	0	0	0	1,125	70
9/20/74	6.5	41	12	6	34	17	.3	0	0	0	0	1,100	540
10/24/74	6.3	29	6	2	48	17	0	0	0	0	0	950	330
11/19/74	6.4	56	12	8	42	28	0	0	0	0	0	1,100	740
12/18/74	6.4	163	8	16	30	59	0	0	0	0	0	750	1,470
AVERAGE	6.3	72	10	8	48	33	.4	1	0	0	0	860	600

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-42

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	
9/29/73	5.4	673	34	275	0	0	2.0	16	.5	4.0	1,800	14,550	
1/16/74	4.9	930	34	380	8	89	4.9	55	0	0	1,000	11,170	
2/18/74	4.7	724	94	817	6	52	3.0	26	0	0	1,075	9,350	
3/12/74	5.0	1,021	30	368	6	74	41.4	508	0	0	1,050	12,880	
4/18/74	4.6	408	70	343	2	10	2.0	10	0	0	1,075	5,270	
5/16/74	4.6	726	70	610	2	17	2.6	23	0	0	950	8,280	
6/25/74		681	SAMPLE	LOST	IN	TRANSIT							
7/22/74	4.6	189	94	213	8	18	1.1	2	0	0	1,775	4,030	
8/13/74	4.6	220	100	264	14	37	1.3	3	0	0	1,625	4,290	
9/20/74	4.9	336	58	234	16	65	.8	3	0	0	1,325	5,350	
10/24/74	5.5	1,036	22	274	14	174	1.7	21	0	0	1,950	24,260	
11/19/74	6.0	338	20	81	28	114	1.6	6	0	0	1,550	6,290	
12/18/74	5.8	1,297	12	187	8	125	6.6	103	1.1	17	1,025	15,970	
AVERAGE	4.9	660	53	337	9	65	5.8	65	.1	2	1,350	10,140	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-43

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
9/29/73	4.8	297	335	94	0	0	0	.6	2	0	0	1,200	4,280
1/16/74	5.8	1,098	53	4	22	290	0	.3	4	0	0	320	4,220
2/18/74	5.6	259	156	50	12	37	0	.4	1	0	0	475	1,480
3/12/74	5.9	702	219	26	24	202	0	48.1	406	0	0	425	3,580
4/18/74	5.7	389	28	6	12	56	0	.5	2	0	0	450	2,100
5/16/74	5.5	441	21	4	20	106	0	.3	2	0	0	525	2,780
6/25/74		299											
7/22/74	4.8	38	14	30	8	4		.7	0	0	0	1,000	460
8/13/74	4.7	41	16	32	10	5		.2	0	0	0	1,300	640
9/20/74	4.1	67	6	8	0	0		.4	0	0	0	975	780
10/24/74	6.2	74	5	6	32	28		.6	0	0	0	1,025	910
11/19/74	6.2	159	19	10	36	69		.5	1	0	0	875	1,670
12/18/74	6.5	975	47	4	26	305		0	0	0	0	500	590
AVERAGE	4.9	379	77	23	17	92		4.4	35	0	0	760	2,400

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-44

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	
9/29/73	7.7	11	0	0	110	15	.4	0	0	0	0	230	30
1/16/74	6.6	209	0	0	116	291	1.4	4	0	0	0	160	400
2/18/74	7.5	42	0	0	200	101	.1	0	0	0	0	175	90
3/12/74	7.2	75	0	0	150	135	40.2	36	0	0	0	200	180
4/18/74	6.8	35	0	0	208	87	.3	0	0	0	0	125	50
5/16/74	6.5	16	6	1	180	35	.1	0	0	0	0	100	20
6/25/74		41	SAMPLE LOST	IN TRANSIT									
7/22/74	7.0	5	0	0	228	14	1.1	0	0	0	0	175	10
8/13/74	7.4	1	0	0	288	3	.9	0	0	0	0	275	0
9/20/74	7.4	19	0	0	150	34	.1	0	0	0	0	325	70
10/24/74	7.0	7	0	0	160	13	0	0	0	0	0	350	30
11/19/74	7.4	33	0	0	160	63	.1	0	0	0	0	325	130
12/18/74	7.5	266	0	0	76	243	.3	1	0	0	0	250	800
AVERAGE	7.0	58	0	0	169	86	3.8	3	0	0	0	220	150

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-45

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	CONCENTRATION MG/L
9/28/73	4.3	1,755	94	1,981	0	0	.7	15	0	0	0	900	18,970
1/22/74	6.0	5,127	4	246	14	862	.9	55	0	0	0	700	43,100
2/15/74	5.1	1,619	28	544	6	117	.3	6	0	0	0	475	9,240
3/12/74	6.1	2,356	20	566	10	283	45.7	1,293	0	0	0	400	11,320
4/17/74	5.5	2,197	12	317	10	264	.6	16	0	0	0	675	17,810
5/16/74	5.2	2,465	20	592	8	237	.1	3	0	0	0	450	13,320
6/24/74	5.2	2,700	36	1,167	10	325	0	0	0	0	0	625	20,270
7/22/74	4.9	794	22	210	8	76	.2	2	0	0	0	950	9,060
8/13/74	4.7	823	44	435	8	79	.1	1	0	0	0	1,050	10,380
9/20/74	5.5	810	14	136	6	58	.1	1	0	0	0	1,125	10,940
10/7/74	5.4	743	20	178	6	54	0	0	0	0	0	1,300	11,600
11/6/74	5.5	3,406	16	654	6	245	.1	4	0	0	0	1,325	54,200
12/11/74	5.9	2,848	6	205	16	547	1.0	35	0	0	0	650	22,230
AVERAGE	5.0	2,126	26	556	8	242	3.8	110	0	0	0	810	19,420

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-46

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
9/28/73	7.8	3	0	0	170	6	.3	0	0	0	0	120	0
1/15/74	6.4	417	6	30	94	471	.9	4	0	0	0	70	350
2/15/74	7.2	51	0	0	156	96	.6	0	0	0	0	100	60
3/12/74	7.0	117	0	0	156	219	3.6	5	0	0	0	100	140
4/17/74		79		S A M P L E B R O K E N I N T R A N S I T									
5/16/74	6.4	51	6	4	208	127	.1	0	0	0	0	75	50
6/25/74	6.9	41	8	4	182	90	.1	0	0	0	0	150	70
7/22/74	7.3	1	0	0	310	4	.1	0	0	0	0	275	0
8/13/74	7.7	3	0	0	304	11	.3	0	0	0	0	225	10
9/20/74	7.3	12	0	0	156	22	0	0	0	0	0	325	50
10/24/74	7.3	5	0	0	180	11	0	0	0	0	0	250	20
11/19/74	7.4	29	0	0	148	52	0	0	0	0	0	275	96
12/18/74	7.0	182	0	0	64	140	0	0	0	0	0	200	440
AVERAGE	6.9	76	2	3	177	104	.5	1	0	0	0	180	110

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-47

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
9/29/73	4.7	1,681	2,221	110	0	0	0	.5	10	0	0	1,300	26,240
1/22/74	6.1	5,412	650	10	22	1,430	0	1.2	78	0	0	600	39,000
2/15/74	5.8	2,595	748	24	12	374	0	.4	12	0	0	475	14,800
3/12/74	6.5	2,961	569	16	18	640	0	0	0	0	0	525	18,670
4/17/74	6.0	2,517	181	6	40	1,209	0	.2	6	0	0	450	13,600
5/16/74	6.0	2,480	298	10	12	357	0	.1	3	0	0	450	13,400
6/24/74	5.8	2,270	1,090	40	8	218	0	0	0	0	0	600	16,360
7/22/74	5.4	718	86	10	10	86	0	.1	1	0	0	1,025	90
8/13/74	5.1	787	397	42	12	113	0	.2	2	0	0	1,275	12,050
9/20/74	5.9	967	93	8	8	93	0	0	0	0	0	1,125	13,060
10/7/74	5.9	768	92	10	10	92	0	0	0	0	0	1,200	11,070
11/6/74	6.0	3,481	251	6	10	418	0	.2	8	0	0	1,100	4,600
12/11/74	5.8	3,802	274	6	16	731	0	.7	32	0	0	700	31,960
AVERAGE	5.5	2,341	535	23	14	443	0	.3	12	0	0	830	19,720

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-48

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	
10/16/73	6.2	1,245	12	179	22	329	0	0	0	0	0	602	9,000
1/18/74	6.6	547	6	39	84	552	.1	1	0	0	0	425	2,790
2/20/74	7.0	393	0	0	48	227	.2	1	0	0	0	450	2,120
3/15/74	6.0	385	6	28	78	361	0	0	0	0	0	350	1,620
4/19/74	6.1	338	8	32	70	284	.2	1	0	0	0	600	2,440
5/23/74	5.5	351	10	42	46	194	.1	0	0	0	0	700	2,950
6/26/74	6.5	204	20	49	76	186	0	0	0	0	0	425	1,040
7/24/74	6.1	102	10	12	52	64	0	0	0	0	0	650	800
8/14/74	6.9	49	10	6	56	33	.5	0	0	0	0	725	430
9/23/74	6.8	138	4	7	36	60	0	0	0	0	0	750	1,240
10/28/74	5.5	97	0	0	60	70	0	0	0	0	0	750	870
11/25/74	6.2	291	16	56	66	231	.3	1	0	0	0	825	2,880
12/18/74	6.7	757	6	55	48	436	0	0	0	0	0	425	3,860
AVERAGE	6.1	377	8	39	57	233	.1	0	0	0	0	590	2,460

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-49

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	
10/17/73	2.8	5,392	500	32,380	0	0	64.6	4,183	10.1	654	923	59,770	
JANUARY		- NO SAMPLE - FLOOD STAGE -											
2/21/74	5.9	35,560	24	10,250	24	10,250	23.0	9,823	0	0	350	149,470	
3/15/74	5.7	35,024	30	12,619	20	8,413	2.8	1,180	0	0	350	147,220	
4/19/74	5.5	35,398	26	11,053	16	6,802	25.4	10,798	13.4	5,714	425	180,680	
5/23/74	4.9	59,678	34	24,369	8	5,734	.1	72	0	0	325	232,930	
6/11/74	4.6	18,594	60	13,399	4	893	23.7	5,292	0	0	350	78,160	
7/15/74	5.1	33,883	28	11,394	10	4,069	.2	81	0	0	500	203,460	
8/ 7/74	3.1	10,056	124	14,976	0	0	23.4	2,826	0	0	800	96,620	
9/ 5/74	5.7	50,745	28	17,064	20	12,189	15.4	9,390	0	0	400	243,780	
10/ 3/74	5.0	16,092	68	13,142	4	773	27.5	5,320	0	0	950	183,600	
11/ 5/74	5.9	37,740	8	3,626	16	7,252	13.7	6,210	7.8	3,535	850	385,260	
12/ 4/74	6.1	36,307	8	3,488	48	20,930	33.9	14,782	0	0	450	196,220	
AVERAGE	3.7	31,206	78	13,980	14	6,442	21.1	5,829	2.6	825	560	179,760	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-50

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	6.1	24	1	2	42	12	.1	0	0	0	0	274	80
1/18/73	6.3	223	11	4	52	139	2.7	7	0	0	0	350	940
2/21/74	7.0	107	0	0	80	103	.4	0	0	0	0	150	190
3/15/74	6.2	107	5	4	78	100	.6	1	0	0	0	125	160
4/19/74	6.3	93	2	2	74	83	.4	0	0	0	0	125	140
5/23/74	5.9	93	7	6	84	94	.2	0	0	0	0	150	170
6/27/74		56											
7/24/74	6.8	7	1	12	120	10	.5	0	0	0	0	150	10
8/15/74	7.1	8	1	6	132	13	1.2	0	0	0	0	100	10
9/24/74	7.0	61	3	4	58	42	.1	0	0	0	0	325	240
10/28/74	6.0	22	0	0	106	28	0	0	0	0	0	350	90
11/25/74	6.5	145	21	12	76	132	.8	1	0	0	0	300	520
12/19/74	7.4	225	0	0	22	59	3.7	10	0	0	0	325	880
AVERAGE	6.3	90	4	4	77	68	.9	2	0	0	0	230	290

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-51

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
10/17/73	3.4	269	158	510	0	0	16.4	53	0	0	2,220	7,170
1/18/74	4.1	195	62	145	0	0	11.5	27	0	0	1,050	2,460
2/20/74	4.0	364	72	315	0	0	12.5	55	0	0	1,100	4,810
3/15/74	3.8	504	102	617	0	0	11.9	72	0	0	1,050	6,360
4/19/74	3.8	383	54	248	0	0	12.5	58	6.7	31	1,450	6,670
5/23/74	3.9	526	100	632	0	0	6.3	40	0	0	1,100	6,950
6/26/74	3.6	339	136	554	0	0	14.7	60	0	0	1,275	5,190
7/24/74	3.4	179	94	200	0	0	10.7	23	0	0	1,700	3,660
8/14/74	3.3	124	104	155	0	0	8.1	12	0	0	1,850	2,760
9/23/74	3.6	256	82	252	0	0	5.6	17	0	0	1,725	5,300
10/28/74	3.6	173	52	108	0	0	28.6	59	25.8	54	1,425	2,960
11/21/74	4.8	264	12	38	6	19	12.4	39	11.2	36	1,650	5,230
12/18/74	4.2	759	44	401	0	0	15.4	140	1.1	10	1,125	10,260
AVERAGE	3.7	333	82	321	0	0	12.8	50	3.5	10	1,440	5,370

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SR-52

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
10/17/73	6.8	15	2	10	74	13	13	.1	0	0	0	225	40
1/18/73	6.7	130	0	0	122	190	190	1.5	2	0	0	201	310
2/21/74	7.2	117	0	0	132	185	185	0	0	0	0	150	210
3/15/74	6.5	101	7	6	148	180	180	.6	1	0	0	225	270
4/19/74	6.4	86	0	0	146	151	151	.5	0	0	0	175	180
5/23/74	6.4	79	6	6	166	158	158	.1	0	0	0	150	140
6/27/74	6.9	29	5	14	182	63	63	.3	0	0	0	225	80
7/25/74	7.0	5	0	2	182	11	11	.2	0	0	0	125	10
8/15/74	7.4	6	0	4	204	15	15	1.3	0	0	0	225	20
9/24/74	6.9	36	3	6	128	57	57	.1	0	0	0	350	160
10/28/74	6.0	1	0	0	116	1	1	0	0	0	0	350	0
11/25/74	6.6	203	39	16	98	239	239	.3	1	0	0	325	790
12/19/74	8.0	163	0	0	60	117	117	2.7	5	0	0	325	640
AVERAGE	6.6	75	5	5	135	106	106	.6	1	0	0	240	220

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-53

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	
10/17/73	4.5	356	66	282	0	0	.3	1	0	0	1,023	4,370	
1/18/74	6.0	1,631	2	39	48	940	2.5	49	0	0	950	18,610	
2/21/74	6.5	2,160	14	363	48	1,245	3.8	99	0	0	525	13,620	
3/15/74	6.5	1,328	8	128	50	798	3.4	54	0	0	575	9,170	
4/19/74	6.4	1,392	10	167	48	802	3.1	52	0	0	850	14,210	
5/23/74	5.6	1,167	20	280	46	645	1.2	17	0	0	575	8,060	
6/27/74		805	S A M P L E		L O S T		I N		T R A N S I T				
7/24/74	4.7	338	24	97	4	16	0	0	0	0	1,200	4,870	
8/15/74	4.5	1,550	20	372	0	0	.8	15	0	0	1,350	25,130	
9/24/74	6.6	524	8	50	38	239	2.8	18	0	0	975	6,140	
10/7/74	6.0	280	20	67	16	54	L O S T		I N		T R A N S I T		
11/7/74	6.4	724	4	35	42	365	.8	7	0	0	1,025	8,910	
12/11/74	7.0	1,280	0	0	30	553	6.1	94	0	0	675	10,380	
AVERAGE	5.1	1,041	16	157	31	471	2.3	37	0	0	940	10,720	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-54

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	2.8	748	1,940	17,430	0	0	426.4	3830	0	0	2,200	19,760
1/17/74	2.7	8,988	1,140	123,060	0	0	217.3	23,456	1.1	119	2,025	218,590
2/27/74	2.8	1,111	1,400	18,680	0	0	215.6	2,877	0	0	1,975	26,350
3/18/74	2.6	1,882	900	20,340	0	0	107.5	2,430	13.4	303	1,400	31,640
4/25/74	2.6	1,686	1,400	28,350	0	0	6.0	122	0	0	1,550	31,380
5/28/74	2.7	1,152	400	5,530	0	0	370.0	5,119	47.0	650	2,750	38,050
6/28/74	2.7	573	1,080	7,430	0	0	142.0	977	0	0	3,250	22,360
7/26/74	2.6	788	1,500	14,200	0	0	383.0	3,625	0	0	1,850	17,510
8/19/74	2.9	343	1,000	4,120	0	0	141.3	582	0	0	2,425	9,990
9/25/74	2.9	587	800	5,640	0	0	71.9	507	0	0	2,350	16,570
10/ 8/74	2.9	507	1,400	8,520	0	0	218.0	1,327	0	0	3,000	18,270
11/ 6/74	2.9	533	600	3,840	0	0	93.5	599	93.0	595	2,375	15,200
12/12/74	3.1	1,846	52	1,150	0	0	96.0	2,128	0	0	1,575	34,920
AVERAGE	2.8	1,596	1,047	19,870	0	0	191.4	3,660	11.9	128	2,210	38,810

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SR-55

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/ 6/73	3.4	184	160	354	0	0	21	9.7	21	0	0	1,551	3,430
1/17/74	4.1	1,029	96	1,186	0	0	56	4.5	56	0	0	1,250	15,450
2/13/74	3.5	865	176	1,828	0	0	46	4.4	46	0	0	960	9,870
3/18/74	3.5	759	138	1,258	0	0	45	4.9	45	0	0	825	7,520
4/25/74	3.5	503	160	967	0	0	1,462	242.0	1,462	0	0	900	5,440
5/28/74	3.4	409	154	756	0	0	21	4.3	21	0	0	1,450	7,120
6/28/74	3.3	477	174	997	0	0	27	4.7	27	0	0	1,725	9,880
7/26/74	3.1	308	176	651	0	0	30	8.1	30	0	0	1,700	6,290
8/19/74	3.4	217	194	506	0	0	16	6.0	16	0	0	1,600	4,170
9/25/74	3.5	395	154	731	0	0	33	7.0	33	0	0	1,750	8,300
10/29/74	3.4	254	160	488	0	0	20	6.5	20	0	0	1,475	4,500
11/ 7/74	3.6	494	118	700	0	0	24	4.0	24	3.4	20	1,750	10,380
12/19/74	3.9	897	86	926	0	0	48	4.5	48	0	0	1,200	12,930
AVERAGE	3.4	522	150	872	0	0	142	23.9	142	.3	2	1,390	8,100

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-56

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	
10/23/73	7.8	77	0	0	94	87	.1	0	0	0	575	530	
1/17/73	6.1	249	12	36	96	287	.1	0	0	0	230	690	
2/13/74	6.6	249	36	108	86	257	.4	1	0	0	275	820	
3/18/74	5.8	587	6	42	80	564	.6	4	0	0	225	1,590	
4/24/74	6.3	328	6	24	64	252	.3	1	0	0	445	1,750	
5/24/74	5.9	274	10	33	82	270	.3	1	0	0	350	1,150	
6/27/74		130											
7/25/74	6.9	109	12	16	102	134	0	0	0	0	350	460	
8/16/74	7.3	86	14	14	190	196	1.7	2	0	0	350	360	
9/24/74	6.6	163	6	12	94	184	71.4	140	0	0	550	1,080	
10/29/74	6.5	107	0	0	136	175	0	0	0	0	600	770	
11/25/74	6.6	1,033	18	223	92	1,141	1.2	15	0	0	350	4,340	
12/19/74	7.7	819	0	0	68	669	2.7	27	0	0	350	3,440	
AVERAGE	6.4	324	10	42	99	351	6.6	16	0	0	390	1,420	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SR-57

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/ 5/73	2.8	1,950	780	18,270	0	0	131.1	3,070	0	0	1,351	31,640	
1/17/74	6.6	109	6	8	108	141	.3	0	0	0	210	280	
2/27/74	3.0	3,240	500	19,456	0	0	103.8	4,039	0	0	1,050	40,860	
3/18/74	2.7	4,234	600	30,510	0	0	70.0	3,560	0	0	950	48,310	
4/24/74	2.8	3,153	680	25,750	0	0	105.0	3,976	0	0	1,600	60,590	
5/24/74	2.7	3,821	1,660	76,180	0	0	116.0	5,323	0	0	1,400	64,240	
6/27/74		2,284		SAMPLE	LOST	IN	TRANSMIT						
7/25/74	2.7	1,369	800	13,150	0	0	187.0	3,075	0	0	1,525	25,070	
8/21/74	3.1	523	548	3,442	0	0	76.8	482	0	0	1,900	11,930	
9/24/74	2.8	1,536	400	7,380	0	0	.7	13	0	0	1,800	33,200	
10/ 8/74	3.0	1,063	700	8,936	0	0	95.3	1,217	0	0	2,250	28,720	
11/ 6/74	3.4	2,392	160	4,596	0	0	21.2	609	2.6	75	1,250	35,910	
12/12/74	3.8	6,810	300	24,536	0	0	55.5	4,539	0	0	1,100	89,960	
AVERAGE	2.9	2,583	595	19,351	9	12	80.2	2,492	.2	6	1,370	39,180	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-58

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	
10/23/74	4.5	104	34	42	0	0	.3	0	0	0	0	551	690
1/17/74	5.9	1,586	10	190	42	800	1.7	32	0	0	0	135	2,570
2/26/74	5.9	1,273	8	122	16	245	2.4	37	0	0	0	210	3,210
3/18/74	5.6	1,057	6	76	22	279	1.1	14	0	0	0	150	1,900
4/24/74	4.7	528	18	114	8	51	.9	6	0	0	0	175	1,110
5/24/74	5.3	718	8	69	8	69	.8	7	0	0	0	275	2,370
6/27/74	6.7	653	10	78	24	188	2.7	21	0	0	0	200	1,570
7/25/74	4.6	288	12	42	2	7	0	0	0	0	0	400	1,380
8/15/74	4.3	138	40	66	0	0	.9	2	0	0	0	475	790
9/24/74	6.2	604	8	58	38	276	0	0	0	0	0	350	2,540
10/29/74	5.4	296	6	21	14	50	0	0	0	0	0	425	1,510
11/25/74	6.4	734	8	70	64	564	.9	8	0	0	0	250	2,200
12/19/74	6.9	1,548	6	112	25	465	4.7	87	0	0	0	300	5,580
AVERAGE	5.1	733	13	82	20	230	1.3	16	0	0	0	300	2,110

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-59

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	
10/23/73	7.9	97	0	0	116	135	.1	0	0	0	225	260	
1/17/74	6.3	1,078	6	78	102	1,321	1.0	13	0	0	65	840	
2/26/74	7.2	516	0	0	128	793	.1	1	0	0	150	930	
3/18/74	6.2	738	2	18	130	1,152	0	0	0	0	150	1,330	
4/24/74	7.3	203	0	0	160	390	0	0	0	0	70	170	
5/24/74	6.3	163	4	8	150	294	.1	0	0	0	100	200	
6/27/74		145	L O S T I N T R A N S I T										
7/25/74	6.9	87	8	8	172	180	.2	0	0	0	150	160	
8/15/74	7.0	19	2	0	232	53	.8	0	0	0	150	30	
9/24/74	6.6	356	2	9	82	351	.1	0	0	0	275	1,180	
10/29/74	6.4	67	0	0	136	109	0	0	0	0	325	260	
11/25/74	6.8	902	16	173	112	1,213	.1	1	0	0	225	2,440	
12/19/74	7.6	819	0	0	62	610	3.7	36	0	0	275	2,700	
AVERAGE	6.6	399	3	24	132	550	.5	4	0	0	180	880	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-60

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	
10/22/73	7.8	7	0	0	144	12	.1	0	0	0	151	10	
1/17/74	6.6	328	8	32	78	307	.1	0	0	0	55	220	
2/26/74	7.0	225	0	0	112	303	.3	1	0	0	175	470	
3/18/74	6.0	225	8	22	102	276	0	0	0	0	200	540	
4/24/74	7.7	86	0	0	166	171	.1	0	0	0	55	60	
5/24/74	6.4	117	4	6	160	225	.2	0	0	0	150	210	
6/27/74		67	L O S T I N T R A N S I T										
7/25/74	7.0	22	0	0	196	52	.2	0	0	0	100	30	
8/15/74	7.2	12	0	0	238	34	.7	0	0	0	200	30	
9/24/74	6.8	107	4	5	98	126	38.6	50	0	0	225	290	
10/29/74	6.0	29	0	0	152	53	0	0	0	0	300	100	
11/25/74	6.7	300	18	65	80	288	.7	3	0	0	250	900	
12/19/74	7.8	203	0	0	64	156	3.5	8	0	0	350	850	
AVERAGE	6.6	133	4	11	133	167	3.7	5	0	0	180	310	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SR-61

SL 130-7

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	
10/23/73	2.8	1,105	1,300	17,252	0	0	255.1	3,385	0	0	1,475	19,570	
1/17/74	3.4	11,379	142	19,406	0	0	.1	14	0	0	450	61,500	
2/26/74	3.1	8,544	300	30,784	0	0	76.0	7,798	0	0	625	64,130	
3/15/74	2.9	7,402	500	44,450	0	0	45.7	4,063	0	0	825	73,340	
4/24/74	2.9	5,890	580	41,030	0	0	76.8	5,433	0	0	1,100	77,810	
5/24/74	2.8	4,991	480	28,770	0	0	86.7	5,197	0	0	1,050	62,940	
6/27/74		4,275											
7/25/74	2.3	1,404	500	8,430	0	0	107.0	1,804	0	0	1,200	20,230	
8/15/74	2.7	908	700	7,630	0	0	43.2	471	0	0	1,350	14,720	
9/24/74	3.1	3,616	300	13,028	0	0	32.9	1,429	13.4	582	1,125	48,860	
10/ 8/74		1,818											
11/ 6/74	4.3	4,812	78	4,508	0	0	11.5	665	0	0	850	49,120	
12/12/74	4.4	8,350	88	8,825	0	0	44.4	4,453	0	0	800	80,220	
AVERAGE	2.9	4,961	452	20,370	0	0	70.9	3,156	1.2	53	990	52,040	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-62

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	
10/19/73	2.8	1,257	1,180	17,810	0	0	173.1	2,613	0	0	2,401	36,250	
1/21/74	3.7	17,712	100	21,272	0	0	31.1	6,616	0	0	425	90,400	
2/21/74	3.1	6,025	260	18,813	0	0	28.9	2,091	0	0	725	52,460	
3/15/74	2.9	8,740	400	41,990	0	0	37.7	3,957	0	0	1,025	107,590	
4/24/74	2.9	5,798	500	34,820	0	0	69.5	4,840	0	0	1,225	85,300	
5/24/74	2.8	6,335	520	39,560	0	0	84.3	6,414	0	0	1,075	81,790	
6/27/74		4,196	SAMPLE LOST IN TRANSIT										
7/25/74	2.9	2,054	500	12,330	0	0	57.8	1,426	6.7	166	1,100	27,140	
8/15/74	2.9	3,141	700	26,410	0	0	26.4	996	0	0	1,350	50,930	
9/24/74	3.1	3,440	200	8,263	0	0	.1	4	0	0	1,300	53,710	
10/ 8/74	3.2	1,649	360	7,130	0	0	33.8	670	0	0	1,700	33,670	
11/ 6/74	4.5	6,207	60	4,473	0	0	9.6	716	5.6	417	625	46,590	
12/12/74	4.3	10,784	50	6,476	0	0	45.1	5,841	0	0	625	80,950	
AVERAGE	3.1	5,949	403	19,950	0	0	49.8	3,015	1.0	49	1,130	62,230	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-63

SL 130-7

DATE	P H	FLOW G P M	ACID I T Y		ALKAL I N I T Y		TOTAL I R O N		F E R R O U S I R O N		S U L F A T E S	
			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	6.7	7	6	0	20	2	.3	0	0	0	1,475	120
1/21/74	6.1	101	2	2	40	49	.1	0	0	0	525	640
2/21/74	6.2	51	8	5	30	18	.3	0	0	0	700	430
3/15/74	5.9	46	4	2	34	19	.4	0	0	0	775	430
4/ 2/74	5.6	130	2	3	32	50	0	0	0	0	370	580
5/23/74	5.6	37	10	4	50	22	.1	0	0	0	800	360
6/24/74	5.6	22	10	3	38	10	0	0	0	0	800	210
7/25/74	6.1	10	10	1	36	4	0	0	0	0	1,050	130
8/15/74	6.5	1	8	0	44	1	.9	0	0	0	1,050	10
9/24/74	5.9	12	4	1	16	2	0	0	0	0	975	140
10/28/74	5.5	8	8	1	30	3	.1	0	0	0	1,250	120
11/25/74	6.3	117	28	39	44	62	0	0	0	0	550	770
12/18/74	6.7	79	4	4	36	34	3.8	4	0	0	850	810
AVERAGE	5.9	48	8	5	35	21	.5	0	0	0	860	360

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SR-64

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	
10/19/73	8.0	6	0	0	206	15	.1	0	0	0	0	274	20
1/21/74	6.5	392	0	0	144	678	1.4	7	0	0	0	225	1,060
2/21/74	7.2	130	0	0	230	359	0	0	0	0	0	150	230
3/15/74	7.6	117	0	0	254	357	0	0	0	0	0	225	320
4/ 2/74	6.3	623	2	15	110	823	0	0	0	0	0	225	1,680
5/23/74	6.3	93	16	20	278	311	0	0	0	0	0	175	200
6/24/74	6.5	51	24	15	356	218	0	0	0	0	0	200	120
7/25/74	7.4	8	0	0	378	36	.8	0	0	0	0	175	20
8/15/74	7.6	10	0	0	378	45	1.7	0	0	0	0	1,725	210
9/24/74	7.3	51	0	0	222	136	32.5	20	0	0	0	300	180
10/28/74	6.5	26	0	0	198	62	.1	0	0	0	0	350	110
11/25/74	6.9	328	18	71	124	488	.6	2	0	0	0	85	340
12/19/74	7.9	274	0	0	128	421	.7	2	0	0	0	250	820
AVERAGE	6.8	162	5	9	231	304	2.9	2	0	0	0	340	410

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SR-65

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
11/20/73	3.2	459	772	140	0	0	0	49.6	273	44.8	247	825	4,550
1/21/74	3.0	852	2,006	196	0	0	0	45.8	470	0	0	550	5,630
2/27/74	3.0	316	1,214	320	0	0	0	67.2	255	0	0	725	2,750
3/18/74	2.9	370	1,330	300	0	0	0	37.2	165	0	0	600	2,670
4/25/74	2.9	297	1,210	340	0	0	0	67.7	242	0	0	975	3,480
5/28/74	2.9	234	1,070	380	0	0	0	70.8	199	0	0	850	2,390
6/28/74	2.8	242	1,100	380	0	0	0	42.2	123	4.5	13	1,100	3,200
7/26/74	4.1	114	359	262	0	0	0	82.5	113	80.6	110	925	1,270
8/19/74	3.1	153	632	344	0	0	0	58.3	107	2.2	4	950	1,750
9/25/74	3.0	228	821	300	0	0	0	8.2	22	0	0	1,125	3,080
10/29/74	2.9	129	300	200	0	0	0	35.3	55	7.8	12	1,150	1,780
11/25/74	4.1	285	377	110	0	0	0	13.9	48	7.8	27	850	2,910
12/30/74	3.3	685	1,662	202	0	0	0	22.6	186	19.0	157	1,100	9,050
AVERAGE	3.0	336	990	267	0	0	0	46.2	174	12.8	44	900	3,420

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SR-66

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	
NO SAMPLE													
1/21/74	4.2	950	84	958	0	0	16.0	182	0	0	650	7,420	
2/26/74	3.3	330	354	1,403	0	0	45.8	182	0	0	825	3,270	
3/15/74	3.4	375	342	1,540	0	0	15.1	68	0	0	725	3,260	
4/24/74	3.3	269	380	1,228	0	0	37.9	122	0	0	1,225	3,960	
5/24/74	3.1	341	400	1,638	0	0	24.1	99	0	0	1,025	4,200	
6/27/74	2.9	145	640	1,110	0	0	33.4	58	0	0	1,150	2,000	
7/25/74	3.1	115	404	558	0	0	17.1	24	0	0	1,375	1,900	
8/15/74	3.1	90	474	512	0	0	10.4	11	0	0	1,725	1,860	
9/24/74	3.4	338	250	1,015	0	0	.1	0	0	0	1,500	6,090	
10/29/74	3.1	133	312	498	0	0	16.3	26	0	0	1,625	2,600	
11/25/74	4.3	473	192	1,091	0	0	8.7	49	0	0	1,100	6,250	
12/19/74	4.3	676	178	1,445	0	0	9.4	76	0	0	1,200	9,740	
AVERAGE	3.3	353	334	1,080	0	0	19.5	75	0	0	1,180	4,380	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-67

SL 130-7

DATE	P H	FLOW		ACIDITY		ALKALINITY		TOTAL IRON		FERROUS IRON		SULFATES	
		GPM	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
11/23/74		17,964		58	12,513	5							
JANUARY													
2/21/74	4.9	90,473	36	39,116	10	10,866	22.5	24,448	0	0	475	516,120	
3/15/74	4.4	48,187	80	46,297	0	0	6.6	3,920	0	0	350	202,560	
4/24/74	4.3	44,042	100	52,894	0	0	30.5	16,132	0	0	575	304,140	
5/24/74	4.5	54,617	64	41,980	0	0	7.3	4,788	0	0	475	311,570	
6/11/74	3.8	25,069	120	36,129	0	0	25.3	7,617	0	0	600	180,680	
7/15/74	3.6	43,164	112	58,060	0	0	.6	311	0	0	575	298,080	
8/ 7/74	3.1	12,425	150	22,383	0	0	17.2	2,567	0	0	850	126,840	
9/ 5/74	5.6	60,101	20	14,436	16	11,549	12.6	9,095	0	0	600	433,080	
10/ 3/74	4.9	21,509	74	19,116	8	2,067	21.7	5,606	0	0	975	251,860	
11/ 6/74	5.8	45,681	24	13,167	26	14,264	9.2	5,047	4.5	2,469	825	452,610	
12/ 4/74	6.2	58,412	28	19,642	48	33,673	23.9	16,766	3.3	2,357	550	385,830	
AVERAGE	3.9	43,470	72	31,311	9	6,584	16.1	8,745	.7	439	620	314,850	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT
STATION NO. SR-68

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	
4/11/74	5.9	19,338	10,219	44	130	30,192	1.0	232	0	0	350	81,290	
NO SAMPLE													
6/28/74	5.3	7,556	4,356	48	24	2,178	9.9	898	0	0	850	77,130	
7/17/74	4.6	5,374	5,163	80	8	516	27.4	1,768	0	0	1,025	66,150	
8/ 7/74	3.7	3,702	4,001	90	0	0	30.5	1,356	24.6	1,096	850	37,790	
9/ 9/74	6.2	8,721	4,608	44	64	6,703	18.0	1,885	5.6	586	800	83,790	
10/ 3/74	5.8	6,158	4,289	58	30	2,219	28.9	2,137	0	0	900	66,560	
11/ 6/74	5.7	7,087	4,937	58	28	2,383	27.0	2,298	26.8	2,281	725	61,710	
12/12/74	6.4	18,311	6,597	30	102	22,431	29.8	6,553	4.5	985	425	93,460	
AVERAGE	4.5	9,531	5,521	57	48	8,326	17.6	2,141	7.7	618	740	70,990	

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-69

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/ 2/74	6.8	20,904	4	1,004	116	29,122	.3	75	0	0	1,075	269,880	
5/23/74	6.4	5,186	10	623	140	8,720	.1	6	0	0	925	57,610	
6/26/74	6.8	2,659	18	575	156	4,982	.3	10	0	0	1,100	35,130	
7/24/74	7.0	1,275	2	31	156	2,389	0	0	0	0	1,225	18,760	
8/15/74	7.1	1,613	8	155	200	3,874	.9	17	0	0	1,200	23,250	
9/23/74	7.2	1,861	0	0	124	2,771	.2	4	0	0	1,125	25,140	
10/ 7/74	7.5	1,238	0	0	126	1,873	0	0	0	0	1,070	15,980	
11/ 7/74	7.3	2,569	0	0	100	3,085	.2	6	0	0	1,250	38,570	
12/11/74	7.3	3,856	0	0	88	4,075	0	0	0	0	700	32,420	
AVERAGE	6.9	4,573	5	265	134	6,766	.2	13	0	0	1,070	57,420	

WEIR TABLE 'D' OF HILLMAN

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

SL 130-7

STATION NO. SR-70

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/ 2/74	6.2	6,139	4	295	36	2,654	0	0	0	0	0	370	27,280
5/23/74	6.4	4,308	10	517	76	3,932	.3	16	0	0	0	825	42,680
6/24/74	6.4	698	18	151	40	335	2.2	18	0	0	0	775	6,500
7/26/74	6.7	No Sheet	8		52		.1		0	0	0	1,200	
8/15/74	6.8	111	8	11	6	8	1.5	2	0	0	0	275	370
9/24/74	6.6	522	8	50	56	351	.2	1	0	0	0	1,025	6,430
10/28/74	5.8	315	4	15	72	272	0	0	0	0	0	1,300	4,920
11/25/74	6.2	249	28	74	92	275	3.7	11	0	0	0	725	2,170
12/19/74	7.2	1,785	0	0	74	1,586	2.9	62	0	0	0	750	16,080
AVERAGE	6.3	1,766	10	139	56	1,177	1.2	14	0	0	0	810	13,300

RACCOON CREEK WATERSHED
MONTHLY SAMPLE PICKUP & FLOW MEASUREMENT

STATION NO. SR-71

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
4/ 2/74	6.2	14,709	4	707	36	6,359	0	0	0	0	90	15,900
5/23/74	6.5	1,366	6	98	108	1,772	.1	2	0	0	150	2,460
6/27/74		785	S A M P L E L O S T I N T R A N S I T									
7/25/74	7.0	144	2	3	148	256	0	0	0	0	250	430
8/15/74	7.2	20	0	0	164	39	.9	0	0	0	2,050	490
9/24/74	7.0	528	6	38	76	482	3.0	19	0	0	325	2,060
10/ 7/74	7.7	168	0	0	106	214	0	0	0	0	325	660
11/25/74	6.6	4,258	16	818	76	3,886	.9	46	0	0	325	16,620
12/11/74	7.0	2,443	0	0	56	1,643	0	0	0	0	125	3,670
AVERAGE	6.7	2,713	4	208	96	1,831	.6	5	0	0	460	5,290