

Sub-watershed 3L(Un-named)

General Discussion

This sub-watershed encompasses 2.00 square miles or 1,277.86 acres of land area, approximately 3.09% of the total study area. The basin is drained by 3.83 miles of tributaries (1.42% of the total length of all watershed tributaries) and contains no appreciable amount of lakes and ponds. Commonwealth records indicate no mining of any type in this area and our field investigations indicated the same.

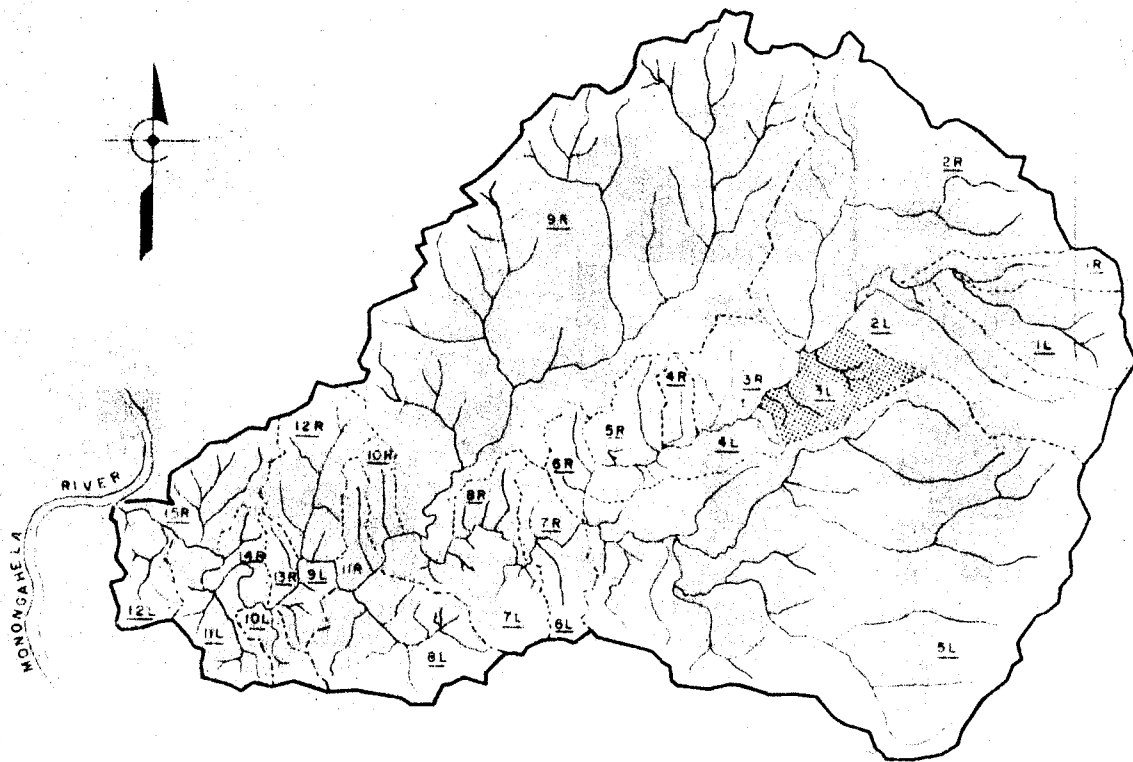
The following information gives the combined averages of the sampling stations designated as GC3L1, GC3L2, GC3L3, GC3L4, GC 3L5, GC3L6 and GC3L7, all un-named and located on Drawing 7316-7. Their individual averages can be found in Table 7. In the case where more than one tributary contributes to a sub-watershed, the values have been combined. The percentages that this sub-watershed contributes in pollution load and flow compared with Monitoring station GC8 near the mouth of Georges Creek are also shown.

	<u>Averages</u>		<u>Percent of Total Watershed</u>	
PH 5.8				
Net Hot Acidity	0	PPD	0	%
Ferrous Iron	1	PPD	93.75%	
Total Iron	4	PPD	.14%	
Sulfate	303	PPD	.44%	
Flow	954,720	GPD	1.61%	





TABLE 27  
 TRIBUTARY AVERAGE WATER QUALITY DATA  
 Sub-watershed  
 3L

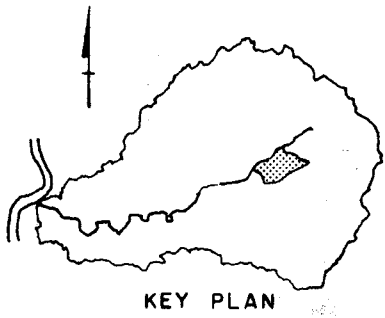
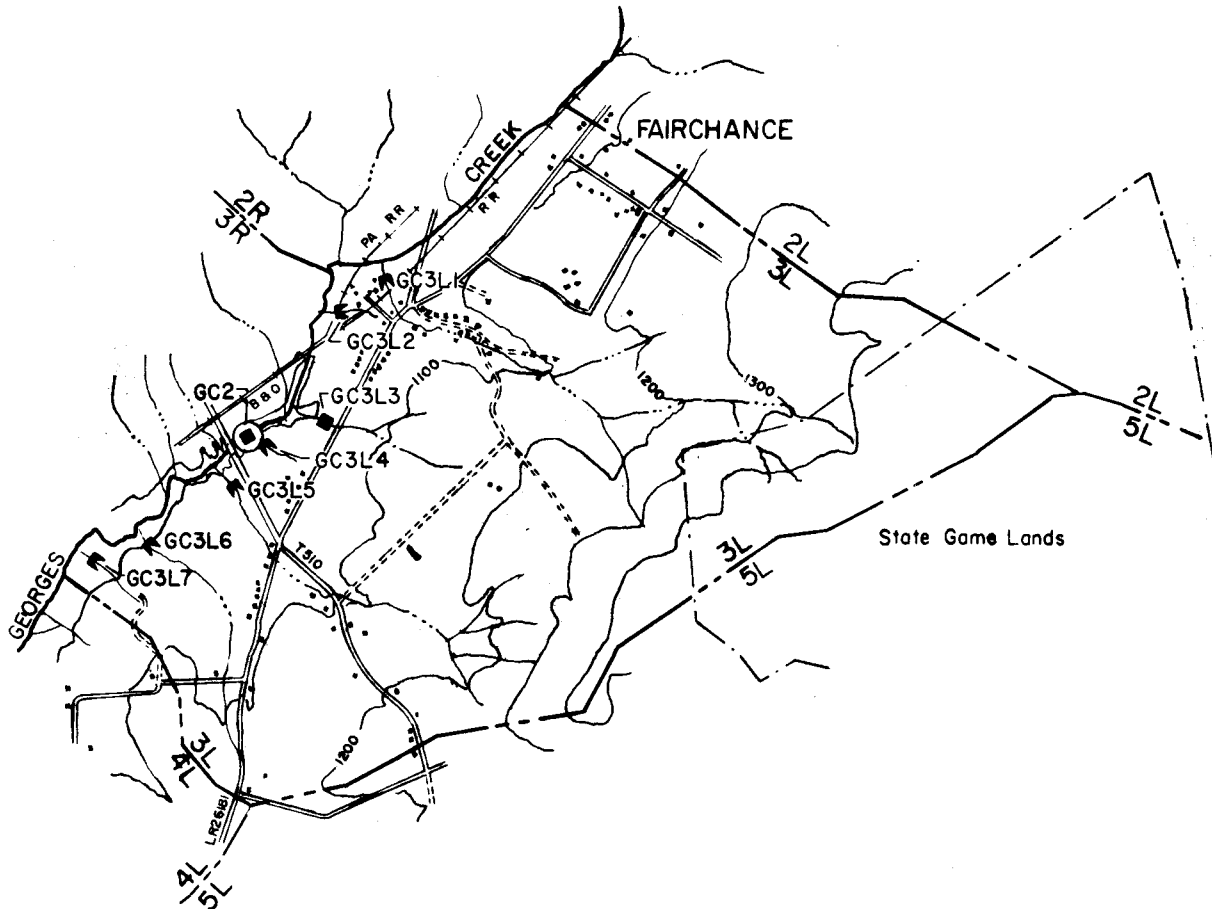
Station	pH	Hot Acid		Alkalinity		Net Hot Acid		Ferrous Iron		Iron as Fe		Sulfate		Flow	
		PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	PPM	#/Day	GPM	G.P.D.
GC3L1	5.7	25.60	37.46	27.60	28.96	0	8.50	0	0	.45	.27	43.20	58.52	58	83,520
GC3L2	6.2	5.00	.36	62	4.47	0	0	0	0	.30	.02	55.00	3.97	3.00	4,320
GC3L3	6.5	5.00	20.07	36.0	142.46	0	0	0	0	.44	1.62	36.50	142.86	324	466,560
GC3L4	6.7	4.00	.58	30	4.33	0	0	0	0	.08	.11	75.00	10.82	67	96,480
GC3L5	7.0	.67	4.44	53.33	134.38	0	0	.17	.01	.35	.98	20.00	84.61	186	267,840
GC3L6	7.2	0	0	40	.96	0	0	.56	.17	1.06	.24	35	.84	14	20,160
GC3L7	6.7	4	.1	78	1.88	0	0	.56	.13	1.22	.22	45	1.08	11	15,840

# Location Plan



## LEGEND FOR THE FOLLOWING PLATES

- Y DEEP MINE OPENING (M9R59A)
- ▲ DEEP MINE PIPE (SAMPLE STATIONS - MP5L2A, or BH9R2)
- ∩ WEIR (TRIBUTARY SAMPLE STATION - GC7L1)
- CROSS-SECTION (TRIBUTARY SAMPLE STATION - GC9R1)
- ◼ GEORGES CREEK CROSS-SECTION (SAMPLE STATION - GC5)
-  STRIP MINE (ABANDONED-UNRECLAIMED - S11L102)
-  STRIP MINE (ACTIVE - S4R107)
-  STRIP MINE (ABANDONED-RECLAIMED - S7L106)
-  GOB PILE (G9R301)
- A, B, C UNDERLINED SUFFIX INDICATES FLOWING DEEP MINE SAMPLE STATIONS - M9R74A, B, C
- S7L101 UNDERLINE - INDICATES FLOWING STRIP MINE, GOB PILE, OR BORE HOLE SAMPLE STATION



**MAP OF  
SUB-WATERSHED 3L  
(UN-NAMED)**  
SCALE: 1" = 2000'