

# STATE OF COLORADO

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Dedicated to protecting and improving the health and environment of the people of Colorado

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Colorado Department  
of Public Health  
and Environment

To 3-11  
4-25-05

## FACSIMILE TRANSMITTAL

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PAGES: 1 including cover sheet

**ORIGINALS WILL BE MAILED.**

**Environment Protection Agency**

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*Hecla*

TABLE 5

HYDROLOGIC PARAMETERS OF UPSTREAM WATERSHEDS

PARAMETER	WATERSHED			
	WEST	MID 1	MID 2	EAST
Area, acres	494.0	32.5	122.0	155.7
Longest Flow Path (channel), ft.	14500	3950	6900	9150
Maximum Change In Elevation, ft.	1703	469	904	1050
Longest Flow Path Gradient	0.1176	0.1187	0.1310	0.1148
Time of Concentration, tc, hrs.	0.47	0.17	0.26	0.34
PMP 1-hour Storm Rainfall Depth in tc, inches	5.85	4.70	5.85	6.40
PMF Peak Discharge, cfs	4280	528	1687	1780
Flow Concentration Factor	3	3	3	3

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