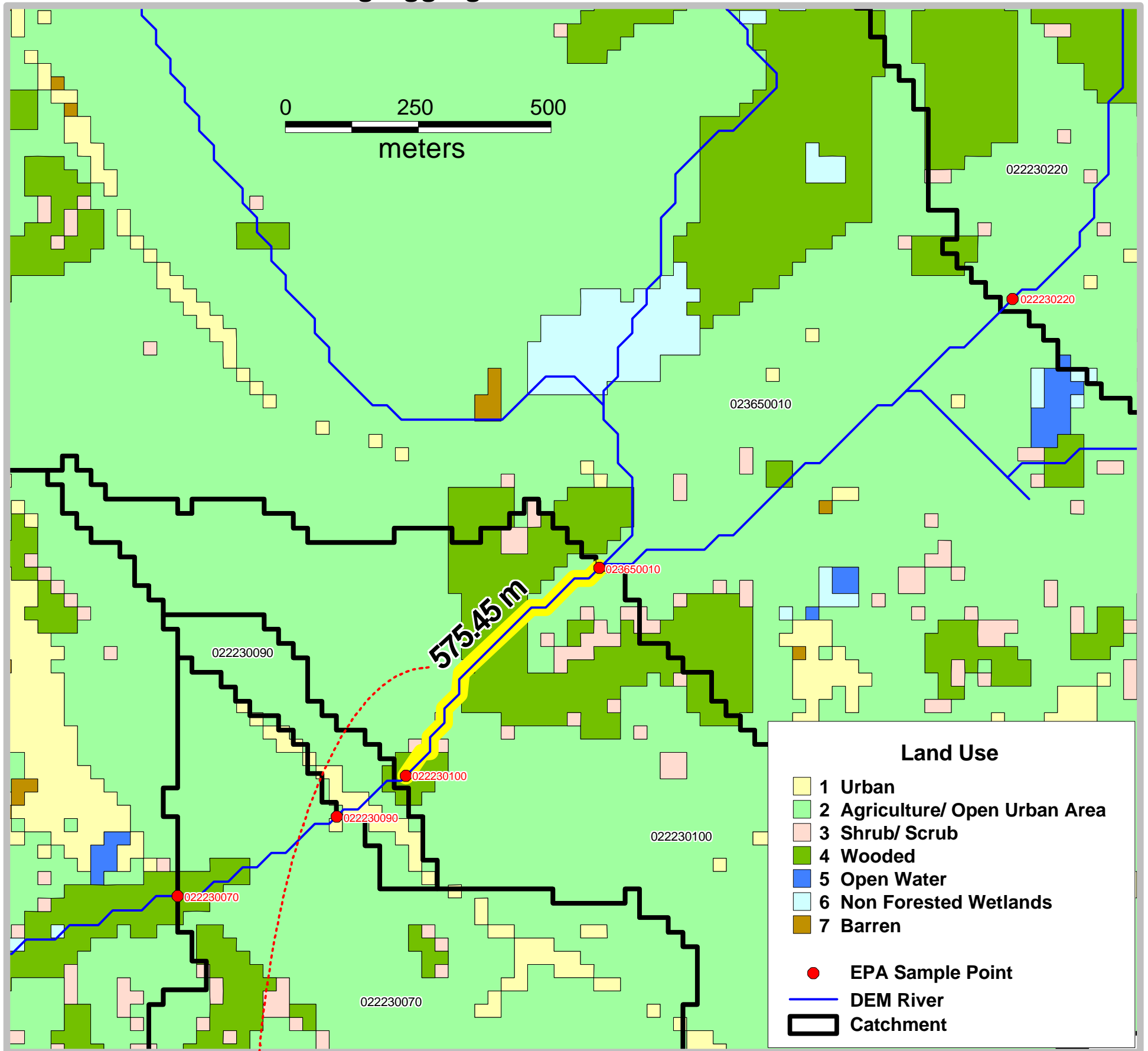


Distance to Downstream Sample Point and Downstream Catchment Calculating Aggregated Land Use & Census Variables



Determine Downstream Sample & Catchment, and Measure Distance

Catchment	Down Sample ID	Down Catchment	Down Distance
22,230,070	22,230,010	22,230,010	1,097.17
22,230,090	22,230,070	22,230,070	361.686
22,230,100	22,230,090	22,230,090	162.268
22,230,220	22,650,010	22,650,010	989.219
23,650,010	23,230,100	23,230,100	575.45

Area of each Land Use type in each Catchment
(Split Land Use polygons at catchment borders, then calculated Area of each Land Use for catchment)

Catchment	LU_1_Area	LU_2_Area	LU_3_Area	LU_4_Area	LU_5_Area	LU_6_Area	LU_7_Area
22,230,070	22,740	734,457.42	24,205.75	72,734.31	0	8,735.65	0
22,230,090	11,215	61,676.88	0	1,979.89	0	0	0
22,230,100	11,980.94	695,887.27	20,638.89	150,678.72	0	0	0
22,230,220	145,438.37	7,013,200.64	62,632.26	1,032,603.85	14,364.67	111,347.73	12,110.95
23,650,010	1,608,339.79	8,240,681.9	131,406.22	1,749,179.19	46,587.73	174,942.07	21,606.44

Number of Structures built per time period in each Catchment
(Split Census Block Group, then aggregated data for catchment)

Catchment	Ysb_99m00	Ysb_95m98	Ysb_90m94	Ysb_80m89	Ysb_70m79	Ysb_60m69	Ysb_50m59	Ysb_40m49	Ysb_39or_earlier	Population	Households	Housing_Units
22,230,070	0	1	1	1	1	1	0	0	1	10	3	3
22,230,090	0	0	0	0	0	0	0	0	0	0	0	0
22,230,100	0	1	1	1	1	0	0	0	2	1	0	0
22,230,220	2	9	4	4	7	3	2	0	19	52	16	16
23,650,010	3	10	6	7	10	4	4	0	27	4	2	2

Census Block Population & Housing
(Blocks Split/ Aggregated to catchment)