

List of raw data available upon request

collected by which program?	variable	measured vs. observed	type of data	input file name(s)
Bioassessment	Alkalinity	measured	range	alkalinity
GPS	Bank hardening (constructed/reinforced banks)	observed	presence/segment	bank composition (riprap, concrete, gabions, etc.)
GPS	Bank Slope	observed	range	bank slope
Bioassessment	Bank Stability	observed	category	banks stable, vulnerable, eroded
GPS	Bank Stability	observed	GIS query	bank slope and vegetated vs. bare
GPS	Bridges	observed	GIS point	bridges
Bioassessment	Canopy Cover	measured	value	calculated from densiometer
GPS	Canopy Cover	observed	range	shade cover
GPS	# trees	measured	counted/segment	vegetation (# trees)
Bioassessment	Conductivity	measured	value	specific conductance
GPS	Dams/drops	observed	GIS point	dams + drop structures, including presence/absence of fish ladder
GPS	Debris jams	observed	GIS point	debris jams, natural vs garbage
Bioassessment	Discharge	measured	value	cross sectional area & velocity
Bioassessment	DO	measured	value	DO
GPS	Dumping area	observed	GIS point	dumping area
Bioassessment	Floodplain	measured	value	bankfull - wetted /2
Bioassessment	Habitate Complexity	observed	value	riffle/pool vs. glide
GPS	In-stream Vegetation	observed	range/segment	ranges/segment
GPS	Invasive plants	observed	presence/segment	invasives
GPS	Outfalls	observed	GIS point	outfalls, tributary vs. pipe
Bioassessment	pH	measured	value	pH
GPS	Pipes	observed	GIS point	pipe crossing
Bioassessment	Reach Gradient	measured	value	calculated with clinometer

Bioassessment	Restored/degraded	observed	category	channel alteration
GPS	Riparian Structure	observed	range/segment	% vegetated vs bare + trees
Bioassessment	Riparian width/ human impact	observed	category	Lumped together & difficult to tease out
GPS	Sediment composition	observed	range	substrate (sand, gravel, cobble, etc.)
Bioassessment	Sediment Particle Site	observed	category	epifaunal substrate/available cover, embeddedness, sediment deposition (as proxy)
GPS	Severe erosion	observed	GIS point	severe erosion
GPS	Sinuosity	measured	GIS point	50' points & curve points
GPS	Structures	observed	GIS point	structures in, above, or next to creek
Bioassessment	Temp	measured	value	temperature
GPS	Undercut	measured	range	undercut height and width
Bioassessment	Water Level	observed	category	channel flow status
GPS	Water Level	measured	range	water depth