

Gulf of Maine Council – Habitat Restoration Subcommittee
 River Barrier Removal Monitoring Workshop
 University of Maine, Orono
 June 20-21

This table lists the parameters generated by each of the four topic teams: hydraulics, hydrology and sediment; wetland and riparian; instream habitat; and fish. The table is based on notes compiled during each break out session. Bold text indicates a parameter shared by multiple groups.

Hydrology / Hydraulics / Sediment	Instream Habitat	Wetland / Riparian	Fish
<ul style="list-style-type: none"> • Monumented stream channel cross-sections • Longitudinal profile • Sediment -Grain size distribution • Before / after photo record 	<ul style="list-style-type: none"> • Longitudinal profiles and cross sections • Habitat mapping (bed feature delineation, cover, woody material) • Sediment size distribution (embeddedness) • Biotic Assemblages / Characterization (excludes Fish) • Water quality • Photo documentation • Topographic maps • Aerial photos 	<p>Plant community: composition, structure, and cover type</p> <p>Invasive species: abundance, source proximity, potential adjacent sources, vigor, seed bank composition</p> <p>Topographic surveys</p> <ul style="list-style-type: none"> • Microtopography • Comprehensive cross-sectional and longitudinal surveys <ul style="list-style-type: none"> • Ground water and surface water elevations 	<ul style="list-style-type: none"> • Fish: diversity, richness, presence / absence, relative abundance • Habitat mapping and classification (e.g. channel morphology) • Passage Efficiency (Both up and downstream) • Habitat Utilization (spatial distribution) • Water quality (key parameters to be identified) • Human-use (resource value)