

**MAINE DEPARTMENT OF MARINE RESOURCES
PRESENCE - ABSENCE SMELT FIELD SURVEY**

Officer/Surveyor name	
Date (month/day/year)	
Time (24:00)	
Township	
Site ID (Refer to site number on provided maps; if no site number has been specified, Site ID = MPO number followed by unique sequence number, eg. 1824-03)	
Fishing Activity? (circle one)	No Yes
Net type (e.g. Dip net)	
Substrate Type	Boulder Cobble Gravel Sand Silt-Clay Vegetation
Siltation and/or turbidity	No Yes
Source of siltation (e.g. erosion, sand, snow dump, construction)	
Passage obstructions (e.g. hanging culverts, ledge drop, beaver dam)	
Digital photo(s) taken?	No Yes
Approximate number of ADULT smelt	none 100s 1,000s 10,000s millions
Approximate EGG abundance per square foot (circle one) single layer just touching = 60,000-70,000 eggs/ft ²	none 100s 1,000s 10,000s millions
Upstream limit of egg bed - Latitude Please specify units (e.g. 47° 39.521')	
Upstream limit of egg bed - Longitude Please specify units (e.g. 69° 38.125')	
Downstream limit of egg bed - Latitude Please specify units (e.g. 47° 39.234')	
Downstream limit of egg bed - Longitude Please specify units (e.g. 69° 38.913')	
Approximate width (ft) of egg bed	
Approximate length (ft) of egg bed	
Water depth (ft) over egg bed at time of survey	
Algae on eggs? (circle one) green slime on eggs?	No Yes
Additional Comments	

Any questions? Please contact Claire Enterline: 207-624-6341 Claire.Enterline@maine.gov (Email)

Size and description for predominate stream bed and egg substrate (from Maine Road-Stream Crossing Survey – USF&W Gulf of Maine Program, 2007)

Size Class	Millimeters	Inches	Approximate Relative Size
Boulder	> 256	> 10.1	Bigger than a basketball
Cobble	64 - 256	2.5 - 10.1	Tennis ball to basketball
Gravel	2 - 64	0.08 - 2.5	Peppercorn to tennis ball
Sand	0.06 - 2	0.002 - 0.08	Salt to peppercorn
Silt-Clay	< 0.06	< 0.002	Finer than salt