

# Watercourse Crossing Inspection Form

## Roadway Watercourse Crossing Inspection Manual

Water Crossing Name of ID (ex. # spray painted on or around culvert)		
Watercourse Name:		Disposition No.
GPS Co-ordinates (UTM):	Easting:	Northing:

Stream Classification: <input type="checkbox"/> Ephemeral <input type="checkbox"/> Non-Fluvial (in non-fluvial, omit shaded section)
<input type="checkbox"/> Fluvial & either: <input type="checkbox"/> Intermittent, or <input type="checkbox"/> Permanent – Small, or <input type="checkbox"/> Permanent - Large
Bankfull width: _____.__m ( <input type="checkbox"/> measured or <input type="checkbox"/> estimated to nearest metre)

Crossing Type:	<input type="checkbox"/> Bridge – Permanent <input type="checkbox"/> Bridge – Temporary <input type="checkbox"/> Culvert - Single
	<input type="checkbox"/> Culvert - Multiple <input type="checkbox"/> Culvert – Open Bottom
	<input type="checkbox"/> Fill - Log <input type="checkbox"/> Ford <input type="checkbox"/> Suspended <input type="checkbox"/> Reclaimed

Erosion at site? <input type="checkbox"/> Yes <input type="checkbox"/> Potential <input type="checkbox"/> No	<input type="checkbox"/> Inlet <input type="checkbox"/> Outlet <input type="checkbox"/> Both
If Yes or Potential, identify source (check all that apply):	
<input type="checkbox"/> Ditch Gully <input type="checkbox"/> Bank Slump <input type="checkbox"/> Fill Slope <input type="checkbox"/> Road Surface <input type="checkbox"/> Bridge Deck <input type="checkbox"/> Other	
Extent: <input type="checkbox"/> Low <input type="checkbox"/> High-unsatisfactory	Total Erosion Area (m <sup>2</sup> ) _____

Culvert(s) diameter: \_\_\_\_\_m \_\_\_\_\_m \_\_\_\_\_m \_\_\_\_\_m (primary)

Greater than 10 % of diameter blocked by debris? <input type="checkbox"/> Yes <input type="checkbox"/> No (note cause in comments)
Substrate in the culvert? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
If yes, what type? <input type="checkbox"/> Sand <input type="checkbox"/> Gravel <input type="checkbox"/> Cobble <input type="checkbox"/> Boulder <input type="checkbox"/> Other:
For what length of culvert? <input type="checkbox"/> 25% or less <input type="checkbox"/> 50% <input type="checkbox"/> 75% <input type="checkbox"/> 100%
What proportion has backwater? <input type="checkbox"/> 0% <input type="checkbox"/> 25% <input type="checkbox"/> 50% <input type="checkbox"/> 75% <input type="checkbox"/> 100%
Culvert slope: <input type="checkbox"/> Level and Uniform <input type="checkbox"/> Slope > or Vertically Bent
Outlet Gap: _____m (for lowest, if more than one culvert) <input type="checkbox"/> Embedded
+Pool Depth: _____m = Score: _____ Scour pool apparent? <input type="checkbox"/> Yes <input type="checkbox"/> No

Fish Passage Assessment (use 10.1: Fish Passage Evaluation Criteria for Culvert Stream Crossings)

<input type="checkbox"/> No Concerns <input type="checkbox"/> Some Concerns <input type="checkbox"/> Serious Concerns
---

Inspector's Name:	Inspection Date:
-------------------	------------------

Comments: (if photos taken of inlet and outlet, please record image numbers)