(!) Tick once this form	has been entere	ed into the the	NIWA Citizen Sc	ence Fish p	passag	e asse	essmei	nt app	
	1	A - General	information						
Photos taken?* (tick box	below)	Photo	reference (time,	file name e	etc.)				
<b>Upstream -</b> upstream si			,		/				
Downstream - downstre	eam end of structu	ıre							
						- 4	<del></del> ,		
, ,	Date* Fime*				-   '	Flow*	-	No flow	
_	Organisation*				-		$\blacksquare$	Low Normal	
	our name*				-			High	
<b>\                                     </b>	Site name**				$\dashv$ $\mid$		-	•	
	Naterway name	**			┥ ┕			Unknov	vri
<u> </u>	vaterway mame								
idal* Yes S	Stream width* (m)		Structure type	* (tick hox	below)				
	Bankfull width* (m		Culvert (B)	(4.011.10.071.1		oump s	station	ı (G)	
Unknown			Ford with c	ulvert (C)	П	Natural	I (H)	. ,	
			Ford without	culvert (C)		Bridge	(I)		
sset ID no.			Weir (D)			Other (	,		
ssest owner DOC			Dam (E)			Structu	ire ren	noved (	(K)
KiwiF		rial authority	Flap gate w						
NZTA	A   Regio	onal council	IFlan date w	ithout culve					
					. ,	4:			
Othe			(!) Please go to	the corres	pondin	-			
				the corres	pondin	-		ed.	
Othe			(!) Please go to	the corres	pondin	-		ed.	
Othe			(!) Please go to brackets once	the corres	pondin	-		ed.	
Othe	r Unkn	B - Cu	(!) Please go to brackets once ulvert	the corres	pondin has be	een coi	mplete	ed.	
Othe	r Unkn	B - Cu	(!) Please go to brackets once ulvert rt shape*	the corres	pondin has be	mater	ial	ed.	
Other description  Number of culvert ba	unkn	B - Cu	(!) Please go to brackets once ulvert rt shape*	the corres	pondin has be	materi	ial	ed.	
Number of culvert ba	unkn	B - Cu	(!) Please go to brackets once  ulvert  rt shape*  Pipe  Box	the corres	pondin has be	materi Concre	ial	ed.	
Number of culvert ba  Culvert barrels the sa	unkn	B - Cu	(!) Please go to brackets once  ulvert  rt shape*  Pipe  Box  Arch	the corres	pondin has be	materi Concre Metal	ial	ed.	
Number of culvert ba  Culvert barrels the sa  Yes  No	unkn	B - Cu	(!) Please go to brackets once  ulvert  rt shape*  Pipe  Box  Arch  Other:	the corres	pondin has be	materic Concre Wetal Wood	ial	ed.	
Number of culvert bate Services  Culvert barrels the services  Yes  No Unknown	arrels*	B - Cu	(!) Please go to brackets once  ulvert  rt shape*    Pipe    Box    Arch    Other: for each barrel if	the corres,	ulvert	materi Concre Wetal Wood Plastic Other:	ial ete		
Number of culvert ba  Culvert barrels the sa  Yes  No  Unknown  In a multi-barrel culvert do a	arrels*  ame?	B - Cu	(!) Please go to brackets once  ulvert  rt shape*  Pipe  Box  Arch  Other:	the corres, this section	ulvert	materi Concre Metal Wood Plastic Other:	ial ete	different	
Number of culvert bate Services  Culvert barrels the services  Yes  No Unknown	arrels*  ame?	B - Cu	(!) Please go to brackets once  ulvert  rt shape*    Pipe    Box    Arch    Other: for each barrel if	the corres, this section	ulvert	materi Concre Metal Wood Plastic Other:	ial ete	different	
Number of culvert bath Section    Culvert barrels the section   Yes   No   Unknown   In a multi-barrel culvert do a have the same characteristic	arrels*  ame?  all the barrels ics?	B - Cu Culver Specify different	(!) Please go to brackets once  ulvert  rt shape*    Pipe    Box    Arch    Other: for each barrel if	the corres, this section	ulvert	materi Concre Metal Wood Plastic Other:	ial ete  arrel if c	different	Barrel 5
Number of culvert ba  Culvert barrels the sa  Yes  No  Unknown  In a multi-barrel culvert do a have the same characteristi	arrels*  ame?  all the barrels ics?	B - Cu Culver Specify different	(!) Please go to brackets once  ulvert  rt shape*    Pipe    Box    Arch    Other: for each barrel if	the corres, this section	ulvert  pecify for	materi Concre Metal Wood Plastic Other:	ial ete  arrel if c	different	Barrel 5
Number of culvert ba  Culvert barrels the sa  Yes  No  Unknown  In a multi-barrel culvert do a have the same characteristi  ulvert length* (m) - from ulvert width* (m) - at its v	arrels*  ame?  all the barrels ics?  upstream inlet to downwidest point	B - Cu Culver Specify different	(!) Please go to brackets once  ulvert  rt shape*    Pipe    Box    Arch    Other: for each barrel if	the corres, this section	ulvert  pecify for	materi Concre Metal Wood Plastic Other:	ial ete  arrel if c	different	Barrel 5
Number of culvert bate  Culvert barrels the sate of the same characteristic street with the same characteristic street with the same characteristic street with the same characteristic street	arrels*  ame?  upstream inlet to downidest point the stream bed to the	Specify different winstream outlet	(!) Please go to brackets once  ulvert  rt shape*    Pipe    Box    Arch    Other: for each barrel if	the corres, this section	ulvert  pecify for	materi Concre Metal Wood Plastic Other:	ial ete  arrel if c	different	Barrel 5
Number of culvert bather description  Number of culvert bather same and same characteristic culvert do a have the same characteristic culvert width* (m) - from salvert drop* (m) - from the bather same character is culvert width* (m) - from salvert drop* (m) - from the bather same characteristic culvert width* (m) - from salvert drop* (m) - from the bather same characteristic culvert width*	arrels*  ame?  all the barrels ics?  upstream inlet to downidest point the stream bed to the bottom of culvert bed	Specify different winstream outlet to the level of do	(!) Please go to brackets once  ulvert  rt shape*    Pipe    Box    Arch    Other: for each barrel if it, e.g. 1-2=arch, 3=box	the corres, this section	ulvert  pecify for	materi Concre Metal Wood Plastic Other:	ial ete  arrel if c	different	Barrel 5
Number of culvert bate State S	arrels*  ame?  all the barrels ics?  upstream inlet to downwidest point the stream bed to the bottom of culvert bed om the lip of the culv	Specify different winstream outlet the highest point of the level of dozent back to the further second control of the second control	(!) Please go to brackets once  ulvert  rt shape*  Pipe  Box  Arch  Other:  for each barrel if t, e.g. 1-2=arch, 3=bo	the corres, this section  C Sp e.g  Barrel	ulvert  pecify for	materi Concre Metal Wood Plastic Other:	ial ete  arrel if c	different	Barrel 5
Number of culvert bather description  Number of culvert bather same characteristic culvert length* (m) - from culvert drop* (m) - from the bather same culvert undercut* (m) - from the bather same culve	arrels*  ame?  all the barrels ics?  upstream inlet to down widest point the stream bed to the bottom of culvert bed om the lip of the culvert length m/s) - culvert length	Specify different  winstream outlet to the level of dozent back to the function (m)/ time to fload	(!) Please go to brackets once  ulvert  rt shape*  Pipe  Box  Arch  Other:  for each barrel if t, e.g. 1-2=arch, 3=bo	the corres, this section  C Sp e.g  Barrel	ulvert  pecify for	materi Concre Metal Wood Plastic Other:	ial ete  arrel if c	different	Barrel 5
Number of culvert bather description  Culvert barrels the sate of the same characteristic culvert width* (m) - from the same characteristic culvert drop* (m) - from the same characteristic culvert drop* (m) - from the same characteristic culvert drop* (m) - from the same characteristic culvert width* (m) - from the same characteristic culvert w	arrels*  ame?  all the barrels ics?  upstream inlet to downidest point the stream bed to the pottom of culvert bed om the lip of the culvert length average water dep	Specify different  winstream outlet  te highest point to the level of do yert back to the function (m)/ time to floatoth in the culvert	(!) Please go to brackets once  ulvert  rt shape*    Pipe    Box    Arch    Other: for each barrel if it, e.g. 1-2=arch, 3=box  ownstream water surfairthest point tt through culvert (sec	this section  C  SR e.g  Barrel	ulvert  pecify for	materi Concre Metal Wood Plastic Other:	ial ete  arrel if c	different	Barrel 5
Number of culvert bather description  Culvert barrels the sate of the same characteristic culvert do a have the same characteristic culvert width* (m) - from culvert width* (m) - from the ball culvert undercut* (m) - from culvert water velocity* (resulvert water velocity* (resulvert water depth* (m) - from culvert water depth* (m)	arrels*  ame?  all the barrels ics?  upstream inlet to down widest point the stream bed to the pottom of culvert bed om the lip of the culvert length a verage water deput between the lip of the culvert length a verage water length a verage water length a verage water length a	Specify different  winstream outlet  the highest point of the level of do yert back to the function (m)/ time to floatoth in the culvert  Boulders	(!) Please go to brackets once  ulvert  rt shape* Pipe Box Arch Other: for each barrel if it, e.g. 1-2=arch, 3=box  ownstream water surfurthest point it through culvert (sec	the corres, this section  C Sp e.g Barrel  acce orrugated	ulvert  pecify for	materi Concre Metal Wood Plastic Other:	ial ete  arrel if c	different	Barrel 5
Number of culvert bather description  Culvert barrels the sate of the same characteristic culvert do a have the same characteristic culvert drop* (m) - from culvert drop* (m) - from culvert drop* (m) - from culvert undercut* (m) - from culvert water velocity* (resulvert water depth* (m)  Culvert sate of the culvert sate of the culvert water depth* (m)	arrels*  ame?  all the barrels ics?  upstream inlet to down widest point the stream bed to the bottom of culvert bed om the lip of the culvert length average water deputstrate*  Bare	Specify different  Specify different  winstream outlet  to the level of dovert back to the function (m)/ time to floation the culvert  Boulders  Bedrock	(!) Please go to brackets once  ulvert  rt shape*  Pipe  Box  Arch  Other:  for each barrel if t, e.g. 1-2=arch, 3=bo  ownstream water surfurthest point t through culvert (sec	the corres, this section  C  SR  e.g  Barrel  acce  corrugated ther:	ulvert  ulvert  peccify for for g. 1+3=p	materi Concre Metal Wood Plastic Other:	ial ete  arrel if c	different	Barrel 5
Number of culvert bather description  Culvert barrels the sate of	arrels*  ame?  all the barrels ics?  upstream inlet to down widest point the stream bed to the pottom of culvert bed om the lip of the culvert length a verage water deput between the lip of the culvert length a verage water length a verage water length a verage water length a	Specify different  winstream outlet  the highest point of the level of do yert back to the function (m)/ time to floatoth in the culvert  Boulders	(!) Please go to brackets once  ulvert  rt shape*  Pipe  Box  Arch  Other:  for each barrel if the e.g. 1-2-arch, 3-box  ownstream water surfairthest point to through culvert (seconds).	Barrel  orrugated ther:  ot observed	ulvert  ulvert  Barre  1 Barre	materi Concre Metal Wood Plastic Other:	ial ete  arrel if c	different	Barrel 5

<sup>\*</sup>Required field
\*\*Not required for the assessment but useful for reference

			<del></del>	,, l	1
	•	stream below the culvert outlet	Yes	No	Unknow
ulvert wetted margins pre			Yes	No	Unknow
pecify for each barrel if different	t, e.g. 1&2=No, 3&4=Yes				
tructure slope	Struc	ture alignment			
Steeper than strea		Straight in, straight out	Curved	l in, straight o	ut
Same as stream	···	Straight in, curved out	<del></del>	l in, curved ou	
Less than stream	Specify	/ for each barrel if different, e.g. 1=			··-
pecify for each barrel if different		ed in and straight out	-curved iii ailu curve	ed Odt,	
g. 1=same, 2=less	2 0011	od in did otraight out			
	<u>(!) Please go to sec</u>	tion K once this section has	been complete	d.	
English to be to be	* ()	C - Ford			
		d to the downstream water surface in to the other, perpendicular to the			
	from the upstream side to		FIIOW		
<u> </u>			<b>_</b>		
Ford substrate*	Bedrock	For	rd material		
Bare	Weir baffl	es	Concrete		
Sand/ silt	Spoiler ba	affles	Metal		
Gravel	Spat rope		Wood		
Cobbles	Other:		Plastic		
Boulders	Not obser	ved	Other:		
0.1					
Culvert present?	omplete section B				
	mplete section K				
ito picado de	There education is				
		D- Weir			
	Weir crest shape	* Weir height* (m	1)		
eir type*					
	<u> </u>	weir width (m)			
Broad crested V-notch	Sharp/ angula	. ,			
Broad crested	Sharp/ angula Rounded/ sm	. ,			
Broad crested V-notch	Sharp/ angula	ooth Weir slope* (°)	os		
V-notch Crump Stepped Other:	Sharp/ angula Rounded/ sma Overhanging	ooth Weir slope* (°) Number of step	os		
Broad crested V-notch Crump Stepped	Sharp/ angula Rounded/ sma Overhanging	ooth Weir slope* (°) Number of step	os		
Broad crested V-notch Crump Stepped Other: Sharp crested	Sharp/ angula Rounded/ small Overhanging Other:	Weir slope* (°) Number of step Height of larges	st step (m)		
Broad crested V-notch Crump Stepped Other: Sharp crested	Sharp/ angula Rounded/ small Overhanging Other:	ooth Weir slope* (°) Number of step	st step (m)	s No	Unkown
Broad crested V-notch Crump Stepped Other: Sharp crested  eir wetted margins preserved	Sharp/ angula Rounded/ small Overhanging Other:  nt* - are there wetted ma	weir slope* (°) Number of step Height of larges	st step (m)	<del> </del>	
Broad crested V-notch Crump Stepped Other: Sharp crested  eir wetted margins preserved  Weir substrate*	Sharp/ angula Rounded/ small Overhanging Other:  nt* - are there wetted mall	Weir slope* (°) Number of step Height of larges  argins suitable for climbing fish on t	st step (m)	Backwa	ter distance
Broad crested V-notch Crump Stepped Other: Sharp crested  Veir wetted margins preserved  Weir substrate* Bare	Sharp/ angula Rounded/ sma Overhanging Other:  nt* - are there wetted ma  Bedrock Spat rope	Weir slope* (°) Number of step Height of larges  argins suitable for climbing fish on t  Weir materia	st step (m)	Backwa	ter distance
Broad crested V-notch Crump Stepped Other: Sharp crested  Veir wetted margins preserved  Weir substrate*  Bare Sand/ silt	Sharp/ angula Rounded/ sma Overhanging Other:  nt* - are there wetted ma  Bedrock Spat rope Weir baffles	Weir slope* (°) Number of step Height of larges  argins suitable for climbing fish on t  Weir materia Plastic Concrete	st step (m)	Backwa   <10   10-8	m 50m
Broad crested V-notch Crump Stepped Other: Sharp crested  Veir wetted margins preserved  Weir substrate* Bare	Sharp/ angula Rounded/ sma Overhanging Other:  nt* - are there wetted ma  Bedrock Spat rope	Weir slope* (°) Number of step Height of larges  argins suitable for climbing fish on t  Weir materia Plastic Concrete	st step (m)	Backwa	ter distance m

<sup>\*</sup>Required field
\*\*Not required for the assessment but useful for reference

Dam height* (m) Spillway present?* Yes No	<b>m</b> Unknown		_	o section K once as been completed.
F - Fla <sub>l</sub>	gate			
Number of flap gates*	Gate type	*	١٨٠	utomatic
				luice
Flap gates the same? Yes No Unknown		Top hung		other:
		Side hung		nther:
	Specify for e	ach gate type	e it different	
	Gate 1 (	Gate 2 Gate	e 3 Gate 4	Gate 5 Gate 6
Gate height (m) - bottom to top of the gate				
Gate width (m) - width of the gate				
Gate material Wood	Culvert prese			
Concrete Plastic			te section E	
Metal Other:	No - pieas	se complete	e section K	
Specify for each gate if different				
Pump type Gravity  (!) Please go to section K once the	feed present	1	<u></u>	o Unknown
()			<u> </u>	
Barrier type* Dry Barrier heig Waterfall Pond/ lake Measure from the downstream was	ht* (m) he top of the feat	ure to the		ase go to section K his section has been eted.
Bridge type Single-span (!) Please go Multi-span Other: Single span=no bridge supports in the river	_	once this s	ection has	been completed.
J - Oth	ier			
Structure				
description				
If a structure you're assessing is not				
on the list				
	de eestis : Is	. hac	mla4s sl	
(!) Please go to section K once to	ns section has	s been com	pieted.	

<sup>\*</sup>Required field
\*\*Not required for the assessment but useful for reference

		K - Structure add-o	ns			
Upstream add-on*  None observed (O) Apron (O) Headwall (O) Wingwall (O) Screen (O) Other (O):		bserved (O)  L)  all (M)  (O)  all (O)  O):	bracket corresp <b>Note,</b> I	s, if multiple have	responding section in we been ticked then a must be completed. to be completed if yo	all
Apron drop height* (m)		L - Apron				
Apron drop neight (m) Apron length (m)	+	<b></b>	Plas	material	Metal	
Apron water depth* (m)	+			ncrete	Other:	
Apron water velocity (m/s	;)	<u> </u>	Woo		1	
				•		
Apron substrate						
Bare Gravel	Boulders	Spat rope	-	Spoiler baffles	Not observed	_
Silt/ sand Cobbles	Bedrock	Weir baffles		Corrugated	Other:	
(!) Please go	to section O once	this section has been c	omplete	ed if M and N ar	e not required.	
()			,			
		M - Headwall				
[ <del></del>						
Headwall nei	<b>gnt</b> (m) - from the to	op of the gate to the top of the	headwa	ill		
(I) Please go	to section O once	this section has been co	omplete	ed if M is not red	nuired	
(., 1 10000 90 )		uno cochen nac scen c	omproce.	<i>54                                    </i>	<sub>qui</sub> ou.	
		N - Ramp				
Ramp surface*		Ramp slope (°)			Ī	$\neg$
Bare Rock	Other:	Ramp length (m) -	top of rai	mp to the water surf	face	$\dashv$
Brush Gravel	_			-		
Miradrain Sand						
Ramp wetted margins present*	- are there wetted ma	rgins suitable for climbing fish	on the r	Yes Yes	No Unkown	
(!)	Please go to sec	tion O once this section	has be	een completed.		
(7				<i>F</i>		
	O- Fish friend	dliness and general	comm	ients		
Fish passage improvement p	resent?					
	ial ramp	Spoiler baffles		Trap and transf	er	
Backwatering Spat ı	•	Fish pass		Removed		
Rock ramp Weir	baffles	Fish friendly flap gate		Other:		

<sup>\*</sup>Required field
\*\*Not required for the assessment but useful for reference

O- Fish friendliness	and g	eneral	comments	cont.
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sh passage improvement date - if present	Protecting native species/ habita
h passage improvement effectiveness - if present	Yes
High - highly likely to notably improve passage for most fish species	No
Moderate - moderate chance of some improvement to passage for some fish species	Unknown
Low - low likelihood of notable improved passage for most fish species	Is the structure providing protection to a
Not assessed	key species or ecosystem area or
	preventing access for exotic species?
sk to fish passage	
Very low risk – Movements are unimpeded for most or all fish species and life stages for	or most or all of the time.
Low risk – Some chance that movements of weaker swimming species are restricted so	me of the time.
Medium risk – moderate chance that movements of some fish species and life stages a	are commonly restricted.
High risk – High chance that the movements of many fish species and life stages will be	restricted for much of the time
	restricted for macriful trie time.
Very high risk – very high chance that most or all fish species will be blocked most or a	
	II of the time.
Very high risk – very high chance that most or all fish species will be blocked most or a Not assessed – if you are not confident or do not have the right knowledge to determine	II of the time.
Very high risk – very high chance that most or all fish species will be blocked most or a	II of the time.
Very high risk – very high chance that most or all fish species will be blocked most or a Not assessed – if you are not confident or do not have the right knowledge to determine	II of the time.
Very high risk – very high chance that most or all fish species will be blocked most or a Not assessed – if you are not confident or do not have the right knowledge to determine	II of the time.
Very high risk – very high chance that most or all fish species will be blocked most or a Not assessed – if you are not confident or do not have the right knowledge to determine	II of the time.
Very high risk – very high chance that most or all fish species will be blocked most or a Not assessed – if you are not confident or do not have the right knowledge to determine	II of the time.
Very high risk – very high chance that most or all fish species will be blocked most or a Not assessed – if you are not confident or do not have the right knowledge to determine	II of the time.
Very high risk – very high chance that most or all fish species will be blocked most or a Not assessed – if you are not confident or do not have the right knowledge to determine	II of the time.
Very high risk – very high chance that most or all fish species will be blocked most or a Not assessed – if you are not confident or do not have the right knowledge to determine	II of the time.
Very high risk – very high chance that most or all fish species will be blocked most or a Not assessed – if you are not confident or do not have the right knowledge to determine	II of the time.
Very high risk – very high chance that most or all fish species will be blocked most or a Not assessed – if you are not confident or do not have the right knowledge to determine	II of the time.

<sup>\*</sup>Required field
\*\*Not required for the assessment but useful for reference