


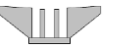


FIRST LEVEL INSPECTION FORM – CHECK DAM



What's your name and what time did you start the inspection?



	1) INSPECTION DATE:		2) INSPECTION TIME:	
	3) INSPECTOR'S NAME:		4) RAINFALL LAST 24hours:	<input type="radio"/> None <input type="radio"/> Intermittent rain <input type="radio"/> Steady rain <input type="radio"/> Heavy rain <input type="radio"/> I don't know

Are you inspecting the right structure? (Use the data provided by your coordinator)



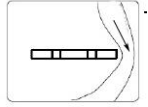
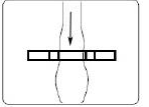


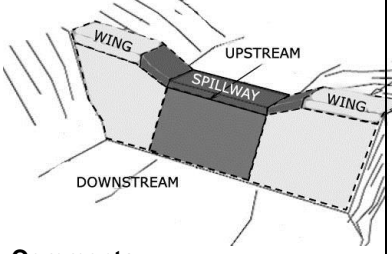

	1) STRUCTURE's ID:		2) DENOMINATION or LOCATION: Use two reference points, e.g. Crossing Street X with stream Y.	
3) TYPE			4) CONNECTED STRUCTURES	
 <input type="radio"/> Open check dam  <input type="radio"/> Consolidation check dam <input type="radio"/> Could not be answered <input type="radio"/> I don't know			<input type="radio"/> No connected structure <input type="checkbox"/> Structures to deviate water from the stream <input type="checkbox"/> Bridge or culvert <input type="checkbox"/> Retention basin (immediately upstream) <input type="radio"/> Could not be answered <input type="radio"/> I don't know	

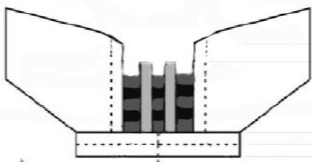
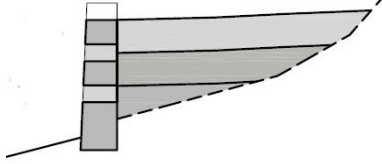

How safe were the conditions to carry out the inspection?

	1) HOW EASY WAS TO REACH THE STRUCTURE?  #: _____	<input type="radio"/> Could not be answered <input type="radio"/> I don't know
<input type="radio"/> 1. It's next to the road. Assessable from the road.	<input type="radio"/> 2. Accessible by car on a forest road or by foot.	<input type="radio"/> 3. Accessible only by foot. <input type="radio"/> 4. The access to the structure requires the removal of trees or overcoming obstacles. <input type="radio"/> 5. It's too dangerous to reach the site.

	2) HOW IS THE STREAM DURING THE INSPECTION?  #: _____
Stream water: <input type="radio"/> No (dry) <input type="radio"/> Yes, it's ponding <input type="radio"/> Yes, it's flowing <input type="radio"/> Could not be answered <input type="radio"/> I don't know	Stream water flows: <input type="radio"/> Clear and transparent <input type="radio"/> Transporting mainly fine material <input type="radio"/> Transporting wood and other material <input type="radio"/> Could not be answered <input type="radio"/> I don't know
Rainfall conditions during the inspection:: <input type="radio"/> None <input type="radio"/> Intermittent rain <input type="radio"/> Steady rain <input type="radio"/> Heavy rain <input type="radio"/> Could not be answered <input type="radio"/> I don't know	Snow presence: <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> Could not be answered <input type="radio"/> I don't know

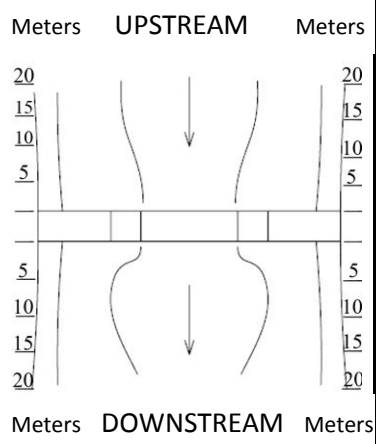
Could you rate the following aspects regarding the functionality of the structure?


	A) CONDITION OF THE STRUCTURE
1) Is the stream flow passing where it should be?  #: _____	<input type="radio"/> Could not be answered <input type="radio"/> I don't know
Stream flow deviated to the LEFT 	Normal condition of the stream 
<input type="radio"/> Outside of the structure <input type="radio"/> On the wing	<input type="radio"/> Through the section of the spillway <input type="radio"/> On the wing <input type="radio"/> Outside of the structure
2) What is the status of the check dam itself?  #: _____	<input type="radio"/> Could not be answered <input type="radio"/> I don't know
<input type="radio"/> 1. Structural elements are in good status, "in order". <input type="radio"/> 2. Elements have slight deterioration without cracks. <input type="radio"/> 3. Elements have visible deterioration with cracks. <input type="radio"/> 4. Elements have deep erosion with missing parts. <input type="radio"/> 5. Structural damage that compromise the stability of the structure.	3) How visible is the basis of the structure?  #: _____ 
<input type="radio"/> 1. The basis of the structure is NOT VISIBLE. <input type="radio"/> 2. The upper part of the basis is visible. <input type="radio"/> 3. The lower part of the basis is visible.	<input type="radio"/> 4. There is an opening path below the basis of the structure. <input type="radio"/> 5. Scouring at the basis of the structure.
<input type="radio"/> Could not be answered <input type="radio"/> I don't know	
4) Is there any scouring protection?  #: _____	<input type="radio"/> No. <input type="radio"/> Yes, in good condition. <input type="radio"/> Yes but not in good condition <input type="radio"/> Could not be answered <input type="radio"/> I don't know


B) LEVEL OF OBSTRUCTION AT STRUCTURE'S LOCATION AND THE STREAM CHANNEL:					
1) Obstruction level at OPEN check dams <input type="radio"/> 1. No obstruction <input type="radio"/> 2. <20% <input type="radio"/> 3. 20-40% <input type="radio"/> 4. 40-60% <input type="radio"/> 5. >60% <input type="radio"/> Could not be answered <input type="radio"/> I don't know			2) Sedimentation level in the retention basin for OPEN check dams <input type="radio"/> Does not apply for consolidation check dams. <input type="radio"/> >66% <input type="radio"/> 33-66% <input type="radio"/> <33% <input type="radio"/> Could not be answered <input type="radio"/> I don't know		
					
3) Is there any obstruction at the downstream channel of the structure? <input type="radio"/> #: _____					
					
<input type="radio"/> 1. No obstruction <input type="radio"/> 2. <20% <input type="radio"/> 3. 20-40% <input type="radio"/> 4. 40-60% with deviation of the flow <input type="radio"/> 5. > 60% or buried by sediment <input type="radio"/> Could not be answered <input type="radio"/> I don't know					

C) LEVEL OF EROSION OF THE BANK WITHIN 20 meters UPSTREAM AND DOWNSTREAM OF THE STRUCTURE?					
Use the scale to assess the erosion level with reference to the worst case in each section of the bank.					
1. Minimum erosion		2.		3.	
Structural elements are in good status "in order" or continuous presence of vegetation in the bank.		Elements with slight erosion or slight irregularities in the vegetation of the bank.		Elements with visible erosion or visible irregularities in the vegetation of the bank.	
4.		5. Maximum erosion			
Parts are eroded by the stream flow with an opening below the protection of the bank.		Parts are missing, there is an important drift. Bank without vegetative protection.			

1) LEFT BANK 20m UPSTREAM <input type="radio"/> #: _____			2) RIGHT BANK 20m UPSTREAM <input type="radio"/> #: _____		
Presence of walls or protection works		Erosion level in the bank		Presence of walls or protection works	
<input type="radio"/> No <input type="radio"/> ≤ Less 20m. <input type="radio"/> > More than 20m. <input type="radio"/> Could not be answered <input type="radio"/> I don't know		<input type="radio"/> 1. <input type="radio"/> 2. <input type="radio"/> 3. <input type="radio"/> 4. <input type="radio"/> 5. <input type="radio"/> Could not be answered <input type="radio"/> I don't know		<input type="radio"/> No <input type="radio"/> ≤ Less 20m. <input type="radio"/> > More than 20m. <input type="radio"/> Could not be answered <input type="radio"/> I don't know	
3) LEFT BANK 20m DOWNSTREAM <input type="radio"/> #: _____			4) RIGHT BANK 20m DOWNSTREAM <input type="radio"/> #: _____		
Presence of walls or protection works		Erosion level in the bank		Presence of walls or protection works	
<input type="radio"/> No <input type="radio"/> ≤ Less 20m. <input type="radio"/> > More than 20m. <input type="radio"/> Could not be answered <input type="radio"/> I don't know		<input type="radio"/> 1. <input type="radio"/> 2. <input type="radio"/> 3. <input type="radio"/> 4. <input type="radio"/> 5. <input type="radio"/> Could not be answered <input type="radio"/> I don't know		<input type="radio"/> No <input type="radio"/> ≤ Less 20m. <input type="radio"/> > More than 20m. <input type="radio"/> Could not be answered <input type="radio"/> I don't know	

Mark on the scheme where the erosion level is equal or larger than 3.


Is there any anthropic element within the same control distance?					
	1) 20m UPSTREAM		2) 20m DOWNSTREAM		Comments: Infrastructure details
	Left	Right	Left	Right	
Road infrastructure	<input type="radio"/> No <input type="radio"/> Yes	<input type="radio"/> No <input type="radio"/> Yes	<input type="radio"/> No <input type="radio"/> Yes	<input type="radio"/> No <input type="radio"/> Yes	
Buildings	<input type="radio"/> No <input type="radio"/> Yes	<input type="radio"/> No <input type="radio"/> Yes	<input type="radio"/> No <input type="radio"/> Yes	<input type="radio"/> No <input type="radio"/> Yes	

 Could an ordinary intervention with volunteers of CP improve the functionality of the structure? Comments: _____		<input type="radio"/> Could not be answered <input type="radio"/> I don't know
<input type="radio"/> No action is required	<input type="radio"/> Requires routine cleaning of blockages by hand (maximum with 10 volunteers)	<input type="radio"/> Requires cleaning with equipment support.
<input type="radio"/> Other action than cleaning is required (Need for a second level inspection)		