

Fill-in assistance for Questionnaire

On the basis of the hydropower plant Rosenberg in Lower Austria, we are explaining how simple it is to fill in the questionnaire in a few steps.

Please note that in case if you do not know all the requested details, this is also fine for us. The questionnaire does not have to be filled in as detailed as in this example, which is used for explaining the different categories.

We are appreciating your time and effort for filling in the questionnaire - Thank you!

Short information about the hydropower plant Rosenberg:

The old hydropower plant Rosenberg (1907 year of construction) is constructed on the Kamp River in lower Austria (AT) and located in a Natura 2000 and national nature protection area. The regional hydropower company (EVN) is planning to dismantle the old dam and rebuilt a new plant and increase the existing capacity by raising the dam height up to 2,5m. This would magnify the negative impacts on the river ecosystem and lead to the destruction of the rare alluvial forest existing around the river. Local and national NGOs agree that these renewal plans are a violation against the conservation and protection principles of the EU Water Framework Directive and Habitat Directive, and should therefore be prohibited by the local water authority.

Local initiatives, WWF, Riverwatch and other environmentalists have formed the platform "[Lebendiger Kamp / Kamp – full of Life](#)", and are standing up against the plans of enlarging the existing hydropower plant. The Kamp – full of Life association is advocating for the restoration of the Kamp as this section is one of the most precious river stretches remaining in Austria.

More information on the “Lebendiger Kamp / Kamp full of Life” campaign:

<http://lebendiger-kamp.at>

The data of the hydropower plant Kamp is filled in as an example. Your data will automatically overwrite the example.

It is not recommended to press "ENTER" to get to the next case!

Please note: by pressing "ENTER" you will be automatically directed to the end to the questionnaire and be asked whether you want to submit the questionnaire or not!

So navigate with your mouse from one case to the next

LOCATION OF THE BARRIER

Name of river

Kamp

Name of dam/weir/barrier

Hydropower plant Rosenberg

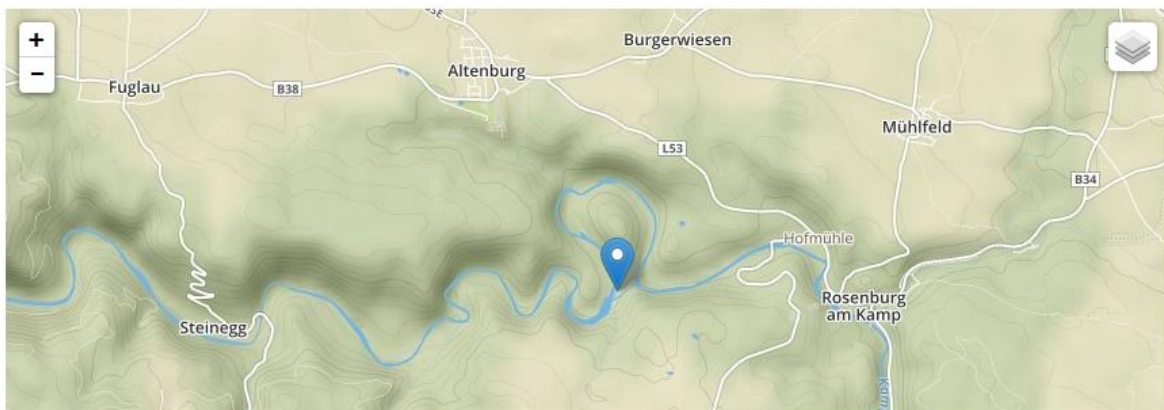
Country

Austria

Location (town/village/street/path) of the dam, weir or barrier

Hydro power plant is located between Stift Altenburg and Rosenburg Fortress.

Please indicate in the map the location of the dam/weir/barrier. Zoom into the map and fix the location with a (left) mouse click. Once placed on the map you can move the marker by dragging.



Coordinate (Latitude)

48.62939158373352

Coordinate (Longitude)

15.60985565185547

✖ Remove coordinates

You can delete the location by pressing this button

Select the type that fits the most to "your" dam.
If you are not sure, than select "other barrier" and you can describe it in your own words in the "Further information" section.

DESCRIPTION OF THE BARRIER

Hydropower



Weir



Ground sill



Other barrier

Height (m)

Year of construction

Capacity of hydropowerplant

Until when the license is still valid?

Further information

The construction of a new hydro power plant with a higher dam height (+2,5m) is planned. The removal of the existing plant has not been presented as a possible option by the hydro power operator.

FISH PASSAGES

Is the dam/weir/barrier equipped with a fish passage?

yes no unknown

What kind of fish passage is it?

Information whether fishes can pass over the fish passage, or not

It is questionable whether the existing fish passages on the Kamp are really functional, as from the possible Danube fish species (around 50 Species) only 5 species made it over the chain of hydro power plants.

FISH SPECIES IN THE RIVER

Grayling

Thymallus thymallus

yes no unknown

Nase

Chondrostoma nasus

yes no unknown

Barbel

Barbus barbus

yes no unknown

Brown trout

Salmo trutta

yes no unknown

Danube Salmon

Hucho hucho

yes no unknown

Other fish species

European bullhead (Cottus gobio),
stone loach (Barbatula barbatula),
chub (Squalius cephalus)
gudgeon (Gobio gobio)

PROTECTED AREA

Is the dam/weir/barrier located in a protected area?

yes no unknown

Name of the protected area

Kamptal and Kremstal

Type of the protected area

Natura 2000

If the river is covering several types of protected areas, please select here the "strongest" one – with the highest protection level .

Further information

The areas is a Natura 2000 AND a protected area (Landschaftsschutzgebiet). Additionally this specific river stretch is registered by the Federal Ministry of Environment and WWF Austria as "sacred river body" ("Flusshelligtum").

In "Further information" all the different types of protected areas can be indicated.

LENGTH OF CREATED FREE FLOWING RIVER

If the dam/ weir/ barrier is removed, how long would be the length of the river that will be accessible again?

<5 km 5-20 km >20 km unknown

[Graphic: Explanation of free flowing river length](#)

Further information

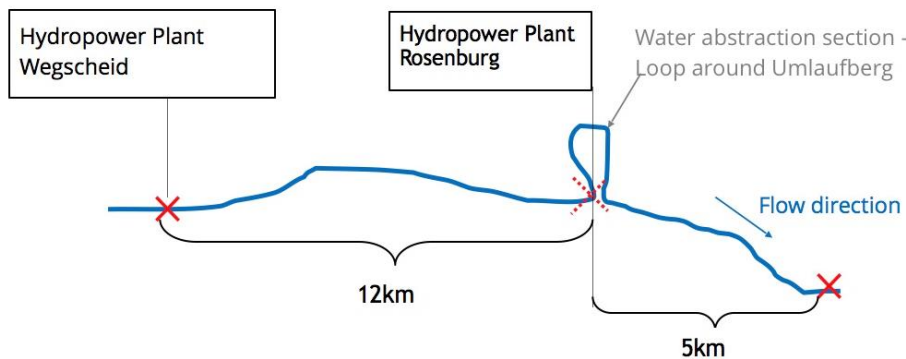
The Rosenburg hydropower plant is located in a chain of hydropower plants: the hydropower plant called Wegscheid is located 12km upstream; 5km downstream is the next hydropower plant.
So by dam removal a 17kilometer long free flowing river stretch will be created.
Furthermore the river stretch that was suffering over 100 years from water abstraction - the loop around the Umlaufberg (2-3km long) - will benefit from natural water flow dynamics again.

Definition of „new free flowing River length“:

Distance between removed dam and the next barriers up- and downstream.

In the case of dam removal hydropower plant Rosenberg this will be:

12+5=17km.



If for instance some endangered animal species (fish or other) will highly benefit from the damremoval – please tell us!

ADVANTAGES AND BENEFITS OF DAM REMOVAL

Please kindly provide us with your information in the box below, also a brief list of keywords is sufficient.

From your perspective, what would the actual advantages and benefits if the existing dam would be removed?

If the dam of the hydro power plant in Rosenburg would be removed, the benefits would be the following:

- (+) The river stretch that was suffering from water abstraction - the loop around the Umlaufberg (2-3km long) - will receive again (after 100 years!) the natural water flow. This is very important for the aquatic species living in this area.
- (+) The floodplain and alluvial forest up and downstream would be reconnected and natural water flow variations will be possible again.
- (+) Fish species would have a larger river stretch, in total 17km.
- (+) New spawning area and habitats down and upstream the former weir will be accessible. This will lead to a higher biodiversity in fish species (probably grayling and nase will come again) and other aquatic organisms.
- (+) Dam removal is very likely to be the most economic solution after all. As the existing plant is already very old, and needs to be dismantled and reconstructed again, the investment costs are rather high (10 Mio.€). Furthermore the current minimum flow of 210l/s has to be increased to the ecological flow of 1200l/s (this is requested by law). This will reduce the annual electricity output. So due to high investment costs and low electricity generation, it is very likely that the plant will NOT be cost covering during operation.

For the tax payer the removal of the dam would be the best option, in terms of economic and environmental aspects.

Submit

If you have any questions or comments on the questionnaire please send an email to anita.scharl@riverwatch.eu.

Thank you very much for your time and effort!