

# Vissennetwerk Doesburg, 27.09.2019

## fish pass Volmolen at Geul, south Limburg



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Ingenieurbüro Floecksmühle  
wasser umwelt energie

Ein Unternehmen der **FICHTNER** Water & Transportation GmbH



# 1. old weir without fish pass

- MQ: 1,0 m<sup>3</sup>/s    Drop height: 1,7 m



picture by Ingenieurbüro Floecksmühle GmbH

2005



picture by Ingenieurbüro Floecksmühle GmbH

2019



## 2. new weir and fish pass for two different discharges



picture by ViForis

- Old weir gate  $2 \times 1,8 \text{ m} + 2 \text{ m}$
- New weir gate  $7,5 \text{ m}$
- Entrance of the fish pass



picture by Ingenieurbüro Floecksmühle GmbH

2019



### 3.Position of the entrance

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Visualisation by ViForis, NL



## 4. Position of the fish pass



Visualisation by ViForis, NL



## 5. Construction of the fish pass



picture by Ingenieurbüro Floecksmühle GmbH



Visualisation by ViForis, NL



## 6. Construction of the fish pass

- Fishpass under construction





## 7. intake structure, watercontrolle



picture by Ingenieurbüro Floecksmühle GmbH



Visualisation by ViForis, NL



# Thank you !

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