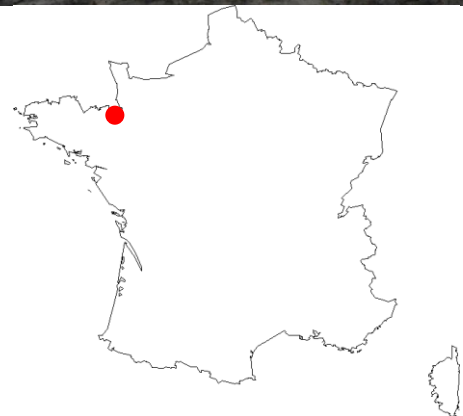
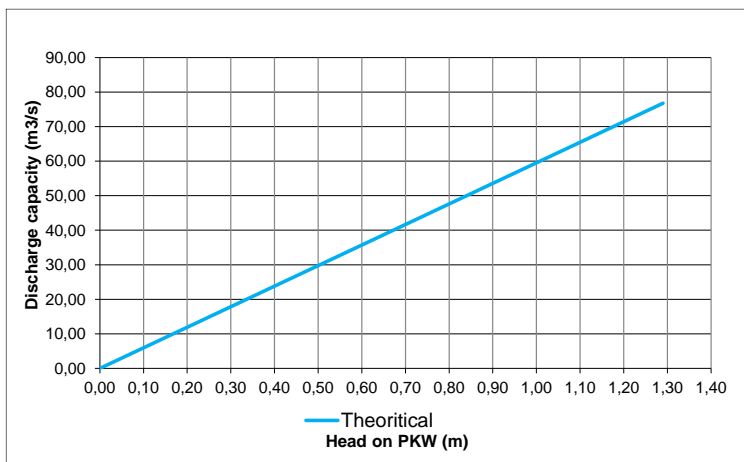


Dam's name:

BEAUFORT

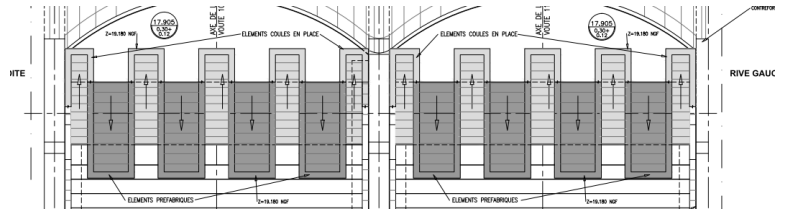
PKW's year of construction:

2013

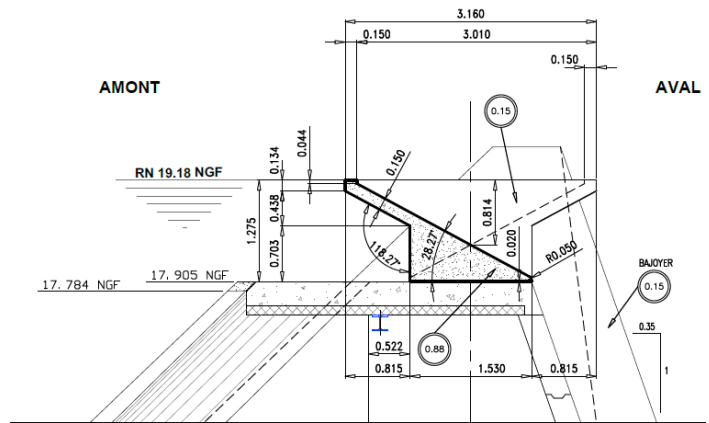


Country: France

| | |
|--|---------------------------------|
| <i>Progress of work :</i> | Built |
| <i>Dam's owner:</i> | Eau du Pays de Saint Malo |
| <i>Consultant:</i> | ISL ingénierie |
| <i>Contractor:</i> | EIFFAGE |
| <i>PKW location:</i> | On the crest near the left bank |
| <i>Downstream energy dissipation type:</i> | Linear Spillway |
| <i>PKW purpose:</i> | Increase discharge capacity |
| <i>PKW discharge capacity at MWL (m3/s):</i> | 76 |
| <i>Dam design flow (m3/s):</i> | 76 |
| <i>Monitoring devices (Presence and type):</i> | No |
| <i>Aeration (type and diameter of the pipe):</i> | none |
| <i>Overflowing Frequency:</i> | regular |
| <i>Number of overflow known:</i> | regular |
| <i>Maximum head on PKW experienced (m) and date:</i> | - |
| <i>Type and number of other spillway:</i> | 1 gated spillway |
| <i>Material of the PKW:</i> | Concrete |
| <i>B (m):</i> | 3.16 |
| <i>P (m):</i> | 1.275 |
| <i>W (m):</i> | 14.99 |
| <i>L (m):</i> | 70.5 |
| <i>Number of inlet:</i> | 8 |
| <i>W_i (m):</i> | 0,85 |
| <i>Number of outlet:</i> | 10 |
| <i>W_o (m):</i> | 0.43 to 0058 |
| <i>T_s (m):</i> | 0.15 |
| <i>PKW cost (k€)</i> | 235 |
| <i>Total project cost (k€)</i> | 1 350 |



Plan view of the PKW



Cross-section view of the PKW

Comment :