**Dam’s name:** LOOMBAH

**Country:** Australia

**PKW’s year of construction:** 2013
### Progress of work:

- Built

### Dam’s owner:

North East Water

### Consultant:

GHD Pty Ltd

### Contractor:

Hazell Bros

### PKW location:

On the right abutment of an earthfill dam with central concrete core wall

### Downstream energy dissipation type:

Natural rock channel

### PKW purpose:

Increase discharge capacity

### PKW discharge capacity at MWL (m3/s):

416

### Dam design flow (m3/s):

500

### Monitoring devices (Presence and type):

No

### Aeration (type and diameter of the pipe):

No

### Overflowing Frequency:

Every year for 2-3 months

### Number of overflow known:

1

### Maximum head on PKW experienced (m) and date:

Less than 0.2m

### Type and number of other spillway:

Nil

### Material of the PKW:

Reinforced concrete

<table>
<thead>
<tr>
<th>B (m)</th>
<th>6.00</th>
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<tbody>
<tr>
<td>P (m)</td>
<td>2.50</td>
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<tr>
<td>W (m)</td>
<td>30.0</td>
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<tr>
<td>L (m)</td>
<td>150.0</td>
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### Number of inlet:

9
<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>$W_i (m)$:</td>
<td>1.03</td>
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<tr>
<td>Number of outlet:</td>
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<tr>
<td>$W_o (m)$:</td>
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<tr>
<td>$T_s (m)$:</td>
<td>0.30</td>
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<tr>
<td>PKW cost (k€)</td>
<td>1,400</td>
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<tr>
<td>Total project cost (k€)</td>
<td>1,800</td>
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