

## RNLI Beach Safety Assessment Report Yearly Review

<b>Beach name: Teignmouth</b>	<b>Management Authority: Teignbridge District Council</b>
<b>Reviewed by: Julian Smart</b>	<b>Date:21/03/23</b>

### **General - Detail any changes to the following or state "no change"**

1) Visitor numbers / profile : No change
2) General beach observation i.e. facilities provided, parking provisions, commercial activities. No change
3) Water quality No change
4) Awards held No change
5) Beach profile / material: Sand erosion along the main town beach now means that the sea comes to the sea wall at most high waters along the entire beach
6) Support services offered by beach management e.g. wardens / rangers No change

### **Personnel - Detail any changes to the following or state "no change"**

1) Beach management working groups personnel: Anna Snow Resort manager, job share with Sarah Holgate
2) Emergency and other services contacts: No Change
3) Clubs and other volunteer body associations: No Change

**Behaviours - are any of the following increasing / decreasing/ no change**

1) Alcohol: No Change

2) Drugs: No Change

3) Risk taking behaviour, controlled / uncontrolled: No Change

4) Aggressive / criminal / antisocial behaviour: No Change

**List any activities where the number of participants are increasing or decreasing or state "no change"**

1) Increasing: Early morning sea swimming / dipping.

2) Decreasing: No Change

**Have all risks been reviewed**

**Yes**

**State changes to any risks severity or likelihood or state "no change"**

None

**Are the following control measures in place on this beach?**

1) National Guideline Beach Safety Signage: Yes

2) National Guideline Public Rescue Equipment: Yes

**Action plan**

Delete as appropriate:

Audit reviewed no action required

(if action required please complete action plan below)

Action plan

Audit reviewed, immediate action required (pass to manager)

Yes No

Action plan

Details of action taken

# Simplified risk calculator

## Peak season

Level	Energy			Population		UKBSAM beach type	Weighting	UKBSAM beach type	Weighting
	Tides	Tidal flow*	Average wave height*	Population (in-water)**	Conflicting activities				
7			2.0m+	200+		LTT+R(HE)	3	UD(HE)	-1
6			1.5–2.0m	150–200		LTBR(HE)	3	LTT(LE)	-1
5		White water	1.0–1.5m	100–150		STB (HE)	2	NBD(HE)	-1
4	Extensive tidal range with potential for cut off	6+ knots	0.75–1.0m	75–100	Persistent and dangerous	MITB (LE)	1	R	-1
3	Potential for tidal cut off	4–6 knots	0.5–0.75m	50–75	Persistent	LTT+MITB	1	NDI	-1
2	Extensive tidal range	2–4 knots	0.25–0.5m	25–50	Regular	UD+TF(LE)	0	STB(LE)	-2
1	Normal tidal range	0–2 knots	0–0.25m	10–25	Occasional	LTT(HE)	0	NBD(LE)	-2
0	No tidal effect	Static	0	0-10***	Isolated	R(HE)	0	Unclassified	0

\*Tidal flow versus Average wave height: Only use the one most appropriate measure of energy

\*\* For calculating the in-water population to include surf craft: a novice surfer or body boarder = 0.5; an experienced surfer = 0.25

\*\*\*If population in-water is 0 the beach will default to lower risk, if 1-10 the beach cannot rank higher than lower-medium risk

## Early/Late Season

Level	Energy			Population	
	Tides	Tidal flow*	Average wave height*	Population (in-water)**	Conflicting activities
7			2.0m+	200+	
6			1.5–2.0m	150–200	
5		White water	1.0–1.5m	100–150	
4	Extensive tidal range with potential for cut off	6+ knots	0.75–1.0m	75–100	Persistent and dangerous
3	Potential for tidal cut off	4–6 knots	0.5–0.75m	50–75	Persistent
2	Extensive tidal range	2–4 knots	0.25–0.5m	25–50	Regular
1	Normal tidal range	0–2 knots	0–0.25m	10–25	Occasional
0	No tidal effect	Static	0	0-10***	Isolated

\*Tidal flow versus Average wave height: Only use the one most appropriate measure of energy

\*\* For calculating the in-water population to include surf craft: a novice surfer or body boarder = 0.5; an experienced surfer = 0.25

\*\*\*If population in-water is 0 the beach will default to lower risk, if 1-10 the beach cannot rank higher than lower-medium risk

UKBSAM beach type	Weighting	UKBSAM beach type	Weighting
LTT+R(HE)	3	UD(HE)	-1
LTBR(HE)	3	LTT(LE)	-1
STB (HE)	2	NBD(HE)	-1
MITB (LE)	1	R	-1
LTT+MITB	1	NDI	-1
UD+TF(LE)	0	STB(LE)	-2
LTT(HE)	0	NBD(LE)	-2
R(HE)	0	Unclassified	0

**Energy (Tides + Average wave height or Flow\*) + Population (In-water population + Conflicting activity) +/- UKBSAMP weighting = Risk**

## Winter

Level	Energy			Population		UKBSAM beach type	Weighting	UKBSAM beach type	Weighting
	Tides	Tidal flow*	Average wave height*	Population (in-water)**	Conflicting activities				
7			2.0m+	200+		LTT+R(HE)	3	UD(HE)	-1
6			1.5–2.0m	150–200					
5		White water	1.0–1.5m	100–150		LTBR(HE)	3	LTT(LE)	-1
4	Extensive tidal range with potential for cut off	6+ knots	0.75–1.0m	75–100	Persistent and dangerous	STB (HE)	2	NBD(HE)	-1
3	Potential for tidal cut off	4–6 knots	0.5–0.75m	50–75	Persistent	MITB (LE)	1	R	-1
2	Extensive tidal range	2–4 knots	0.25–0.5m	25–50	Regular	LTT+MITB	1	NDI	-1
1	Normal tidal range	0–2 knots	0–0.25m	10–25	Occasional	UD+TF(LE)	0	STB(LE)	-2
0	No tidal effect	Static	0	0–10***	Isolated	LTT(HE)	0	NBD(LE)	-2
						R(HE)	0	Unclassified	0

\*Tidal flow versus Average wave height: Only use the one most appropriate measure of energy  
 \*\* For calculating the in-water population to include surf craft: a novice surfer or body boarder = 0.5; an experienced surfer = 0.25  
 \*\*\*If population in-water is 0 the beach will default to lower risk, if 1-10 the beach cannot rank higher than lower-medium risk

**Teignmouth beach is a medium risk beach during peak season and during early / late season and a lower-medium risk beach during winter.**

Score	Risk level	Suggested controls – <i>provided as a general indicator only</i>
15+	Higher	<ul style="list-style-type: none"> <li>Lifeguards may regularly close the beach to aquatic activities</li> <li>Lifeguards will require additional support (increased personnel or equipment levels)</li> </ul>
12-15	Medium–higher	<ul style="list-style-type: none"> <li>Lifeguards may occasionally close the beach to aquatic activities</li> <li>Lifeguard may require additional support (increased personnel or equipment levels)</li> </ul>
8-12	Medium	<ul style="list-style-type: none"> <li>Lifeguards normally recommended</li> </ul>
5-8	Lower –medium	<ul style="list-style-type: none"> <li>Monitoring of in-water population should be undertaken, with the provision of a lifeguard service considered</li> <li>PRE should be considered</li> <li>Signage strongly recommended</li> </ul>
0-5	Lower	<ul style="list-style-type: none"> <li>Signage should be considered</li> <li>PRE may be considered</li> <li>Pre-arrival education</li> </ul>

**NB – if population in water is low, lifeguards may not be a cost effective and therefore reasonable control measure.**

<b>Signed</b>		<b>Date</b>	
<b>Manager</b>		<b>Date</b>	