



To whom it may concern,

I am writing to you on behalf of Bandon Angling Association as Environmental Officer. I wish to make a submission in respect to Bandon Waste Water Treatment Plant. The application license number for the Bandon agglomeration is D0136-01, grid reference E150425 N055700.

The need for such an application arises from both public and private concern about the current state of the Bandon agglomeration and its discharges. Down through the years members of our club, as well as citizens of Bandon and Innishannon, have questioned the operations and effectiveness of the waste water treatment plant.

Below are average results obtained from water samples I analysed throughout the summer. Results are given as mg/L of phosphorus (P).

Location	P
Bandon Bridge	0.023
Bandon WWTP	0.222
O'Driscolls Footbridge	0.104
Innishannon Bridge	0.057

The following table shows the highest results for each location during sampling.

Location	P
Bandon Bridge	0.052
Bandon WWTP	0.260
O'Driscolls Footbridge	0.189
Innishannon Bridge	0.094

These results clearly show the significant, negative impact the Bandon agglomeration is having on receiving waters. Signs of nutrient enrichment can be observed by the difference in elevated levels of algae growth between upstream and downstream sites. Further to my own sampling results, Bandon Angling Association sent water samples to be tested in a commercial lab in October. Elevated downstream results were found in the following parameters.

Parameter	Upstream	Downstream
Total Ammonia	0.02	0.32
Zinc	1.9	7
MRP	N/A	0.28
Phosphate	0.06	N/A

Further to the results from chemical analysis, please find attached photos of discharges from the primary discharge outflow pipe.



These discharges are a common occurrence and the discolouration can be seen as far as Innishannon on occasion. As well as the highly excessive nutrient input these events incur, members of our club and tourist anglers alike are unable to fish the river for hours, sometimes days, on end.

Bandon Angling Association would like to see these issues dealt with in accordance with licensing conditions. Upgrading the plant to involve tertiary treatment would be a step in the right direction.

Yours sincerely,  
Jason Nash,  
Environmental Officer,  
Bandon Angling Association.