Annual Environmental Report





Bantry

D0168-01

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Rev 1: Section 4.1.1 Question 1 answer changed to "Unknown". Approved 06/07/2021

1 EXECUTIVE SUMMARY AND INTRODUCTION TO THE 2020 AER

This Annual Environmental Report has been prepared for D0168-01, Bantry, in Cork in accordance with the requirements of the wastewater discharge licence for the agglomeration. Specified reports where relevant are included as an appendix to the AER.

1.1 ANNUAL STATEMENT OF MEASURES

A summary of any improvements undertaken is provided where applicable.

1.2 TREATMENT SUMMARY

The agglomeration is served by a wastewater treatment plant(s)

- Bantry Secondary Discharge #1 2020 with a Plant Capacity PE of 0, the treatment type is 1 Primary treatment
- Bantry Secondary Discharge #2 2020 with a Plant Capacity PE of 0, the treatment type is 1 Primary treatment
- BANTRY WWTP 2020 with a Plant Capacity PE of 6000, the treatment type is 3P Tertiary P removal

1.3 ELV OVERVIEW

The overall compliance of the final effluent with the Emission Limit Values (ELVs) is shown below. More detailed information on the below ELV's can be found in Section 2.

Discharge Point Reference	Treatment Plant	Discharge Type	Compliance Status	Parameters failing if relevant
TPEFF0500D0168SW003	Bantry Secondary Discharge #1 - 2020	Combined	Non-Compliant	Suspended Solids mg/l

Discharge Point Reference	Treatment Plant	Discharge Type	Compliance Status	Parameters failing if relevant
TPEFF0500D0168SW004	Bantry Secondary Discharge #2 - 2020	Treated	Compliant	N/A
TPEFF0500D0168SW001	BANTRY WWTP - 2020	Treated	Non-Compliant	N/A

1.4 LICENCE SPECIFIC REPORTING INCLUDED IN AER

Assessment / Report

Included in AER

There are no Licence Specific Reports included in the AER.

2 TREATMENT PLANT PERFORMANCE AND IMPACT SUMMARY

2.1 BANTRY SECONDARY DISCHARGE #1 - 2020 - COMBINED DISCHARGE

2.1.1 INFLUENT MONITORING SUMMARY - BANTRY SECONDARY DISCHARGE #1 - 2020

A summary of influent monitoring for the treatment plant is presented below. This monitoring is primarily undertaken in order to determine the overall efficiency of the plant in removing pollutants from the raw wastewater.

Parameters	Number of Samples	Annual Max	Annual Mean
There is no Influent data inclu	ded in the AER.		

If other inputs in the form of sludge / leachate are added to the WWTP then these are included in Section 2.1.5 if applicable.

Significance of Results:

The annual mean hydraulic loading is greater than the peak Treatment Plant Capacity. The annual maximum hydraulic loading is greater than the peak Treatment Plant Capacity. Further details on the plant capacity and efficiency can be found under the sectional 'Operational Performance Summary'.

2.1.2 EFFLUENT MONITORING SUMMARY -

Parameter	WWDL ELV (Schedule A)	ELV with Condition 2 Interpretation included Note 1	Interim % reduction from influent concentration	Number of sample results	Number of exceedances	Number of with Condition 2 Interpretation included	Annual Mean	Overall Compliance (Pass/Fail)
COD-Cr mg/l	125	250	N/A	12	N/A	N/A	N/A	Pass

Parameter	WWDL ELV (Schedule A)	ELV with Condition 2 Interpretation included Note 1	Interim % reduction from influent concentration	Number of sample results	Number of exceedances	Number of with Condition 2 Interpretation included	Annual Mean	Overall Compliance (Pass/Fail)
Suspended Solids mg/l	35	87.5	N/A	12	1	1	N/A	Fail
BOD, 5 days with Inhibition (Carbonaceo mg/I	25	50	N/A	12	N/A	N/A	N/A	Pass

Notes:

1 – This represents the Emission Limit Values after the Interpretation provided for under Condition 2 of the licence is applied 2 – For pH the WWDA specifies a range of pH 6 - 9

Cause of Exceedance(s):

SS

Significance of Results:

Non-compliant.

2.1.3 EFFLUENT MONITORING SUMMARY - COMBINED - TPEFF0500D0168SW003

Parameter	WWDL ELV (Schedule A)	ELV with Condition 2 Interpretation included Note 1	Interim % reduction from influent concentration	Number of sample results	Number of exceedances	Number of with Condition 2 Interpretation included	Annual Mean	Overall Compliance (Pass/Fail)
Suspended Solids mg/l	35	87.5	0	12	1	1	0	Fail

Parameter	WWDL ELV (Schedule A)	ELV with Condition 2 Interpretation included Note 1	Interim % reduction from influent concentration	Number of sample results	Number of exceedances	Number of with Condition 2 Interpretation included	Annual Mean	Overall Compliance (Pass/Fail)
COD-Cr mg/l	125	250	0	12	0	0	0	Pass
BOD, 5 days with Inhibition (Carbonaceo mg/I	25	50	0	12	0	0	0	Pass

Notes:

1 - This represents the Emission Limit Values after the Interpretation provided for under Condition 2 of the licence is applied

2 - For parameters where a mean ELV applies 3 - For pH the WWDA specifies a range of pH 6-9

Cause of Exceedance(s):

SS

Significance of Results:

Non-compliant,

2.1.4 AMBIENT MONITORING SUMMARY FOR THE COMBINED DISCHARGE TPEFF0500D0168SW003

A summary of monitoring from ambient monitoring points associated with the wastewater discharge is provided in the sections below. For discharges to rivers upstream (U/S) and downstream (D/S) location data is provided. For other ambient points in lakes, coastal or transitional waters, monitoring data from the most appropriate monitoring station is selected.

The table below provides details of ambient monitoring locations and details of any designations as sensitive areas.

	Ambient Monitoring Point from WWDL (or as agreed with EPA)	Irish Grid Reference	River Station Code	Bathing Water	Drinking Water	FWPM	Shellfish	WFD Status
There is no Ambient data included in the AER.								

The results for ambient results and / or additional monitoring data sets are included in the **Appendix 7.1 - Ambient monitoring summary**

Significance of Results:

The WWTP discharge was not compliant with the ELV's set in the wastewater discharge licence.

The ambient monitoring results does not meet the required EQS. The EQS relates to the Oxygenation and Nutrient Conditions set out in the Surface Water Regulations 2009.

The discharge from the wastewater treatment plant does not have an observable impact on the water quality.

The discharge from the wastewater treatment plant does not have an observable negative impact on the Water Framework Directive status.

2.1.5 OPERATIONAL PERFORMANCE SUMMARY - BANTRY SECONDARY DISCHARGE #1 - 2020

2.1.5.1 Treatment Efficiency Report - Bantry Secondary Discharge #1 - 2020

Treatment efficiency is based on the removal of key pollutants from the influent wastewater by the treatment plant. In essence the calculation is based on the balance of load coming into the plant versus the load leaving the plant. The efficiency is presented as a percentage removal rate.

A summary presentation of the efficiency of the treatment process including information for all the parameters specified in the licence is included below:

Parameter	Influent mass loading (kg/year)	Effluent mass emission (kg/year)	Efficiency (% reduction of influent load)		
ТN	N/A	N/A	N/A		
cBOD	N/A	N/A	N/A		
ТР	N/A	N/A	N/A		

Parameter	Influent mass loading (kg/year)	Effluent mass emission (kg/year)	Efficiency (% reduction of influent load)		
SS	N/A	N/A	N/A		
COD	N/A	N/A	N/A		

Note: The above data is based on sample results for the number of dates reported

2.1.5.2 Treatment Capacity Report Summary - Bantry Secondary Discharge #1 - 2020

Treatment capacity is an assessment of the hydraulic (flow) and organic (the amount of pollutants) load a treatment plant is designed to treat versus the current loading of that plant.

Bantry Secondary Discharge #1 - 2020					
Peak Hydraulic Capacity (m³/day) - As Constructed					
DWF to the Treatment Plant (m³/day)	N/A				
Current Hydraulic Loading - annual max (m³/day)					
Average Hydraulic loading to the Treatment Plant (m ³ /day)					
Organic Capacity (PE) - As Constructed	0				
Organic Capacity (PE) - Collected Load (peak week) ^{Note1}	0				
Organic Capacity (PE) - Remaining					
Will the capacity be exceeded in the next three years? (Yes/No)	No				

Nominal design capacities can be based on conservative design principles. In some cases assessment of existing plants has shown organic capacities significantly higher than the nominal design capacity. Accordingly plants that appear to be overloaded when comparing a collected peak load with the nominal design capacity can be fully compliant due to the safety factors in the original design.

2.1.6 SLUDGE / OTHER INPUTS - BANTRY SECONDARY DISCHARGE #1 - 2020

'Other inputs' to the waste water treatment plant are summarised in table below

Input type	Quantity	Unit	P.E.	% of load to WWTP	Included in Influent Monitoring (Y/N)?	Is there a leachate/sludge acceptance procedure for the WWTP?	Is there a dedicated leachate/sludge acceptance facility for the WWTP? (Y/N)
There is no Sludge and Other Input data for the Treatment Plant included in the AER.							

2.2 BANTRY SECONDARY DISCHARGE #2 - 2020 - TREATED DISCHARGE

2.2.1 INFLUENT MONITORING SUMMARY - BANTRY SECONDARY DISCHARGE #2 - 2020

A summary of influent monitoring for the treatment plant is presented below. This monitoring is primarily undertaken in order to determine the overall efficiency of the plant in removing pollutants from the raw wastewater.

Parameters	Number of Samples	Annual Max	Annual Mean	
There is no Influent data inclu	ded in the AER.			

If other inputs in the form of sludge / leachate are added to the WWTP then these are included in Section 2.1.5 if applicable.

Significance of Results:

The annual mean hydraulic loading is greater than the peak Treatment Plant Capacity. The annual maximum hydraulic loading is greater than the peak Treatment Plant Capacity. Further details on the plant capacity and efficiency can be found under the sectional 'Operational Performance Summary'.

2.2.2 EFFLUENT MONITORING SUMMARY - TPEFF0500D0168SW004

Parameter	WWDL ELV (Schedule A)	ELV with Condition 2 Interpretation included Note 1	Interim % reduction from influent concentration	Number of sample results	Number of exceedances	Number of with Condition 2 Interpretation included	Annual Mean	Overall Compliance (Pass/Fail)
COD-Cr mg/l	125	250	N/A	12	N/A	N/A	N/A	Pass
Suspended Solids mg/l	35	87.5	N/A	12	N/A	N/A	N/A	Pass
BOD, 5 days with Inhibition (Carbonaceo mg/l	25	50	N/A	12	N/A	N/A	N/A	Pass

Notes:

1 - This represents the Emission Limit Values after the Interpretation provided for under Condition 2 of the licence is applied

Cause of Exceedance(s):

Not applicable

Significance of Results:

The WWTP is compliant with the ELV's set in the Wastewater Discharge Licence.

2.3 BANTRY WWTP - 2020 - TREATED DISCHARGE

2.3.1 INFLUENT MONITORING SUMMARY - BANTRY WWTP - 2020

A summary of influent monitoring for the treatment plant is presented below. This monitoring is primarily undertaken in order to determine the overall efficiency of the plant in removing pollutants from the raw wastewater.

Parameters	Number of Samples	Annual Max	Annual Mean	
There is no Influent data inclu	ded in the AER.			

If other inputs in the form of sludge / leachate are added to the WWTP then these are included in Section 2.1.5 if applicable.

Significance of Results:

The annual mean hydraulic loading is less than the peak Treatment Plant Capacity. The annual maximum hydraulic loading is greater than the peak Treatment Plant Capacity. Further details on the plant capacity and efficiency can be found under the sectional 'Operational Performance Summary'. The design of the wastewater tretament plant allows for peak values and therefore the peak loads have not impacted on compliance with Emission Limit Values.

2.3.2 EFFLUENT MONITORING SUMMARY - TPEFF0500D0168SW001

Parameter	WWDL ELV (Schedule A)	ELV with Condition 2 Interpretation included Note 1	Interim % reduction from influent concentration	Number of sample results	Number of exceedances	Number of with Condition 2 Interpretation included	Annual Mean	Overall Compliance (Pass/Fail)	
There is no	There is no Effluent data included in the AER.								

Notes:

1 - This represents the Emission Limit Values after the Interpretation provided for under Condition 2 of the licence is applied

Cause of Exceedance(s):

Not applicable

Significance of Results:

The WWTP is compliant with the ELV's set in the Wastewater Discharge Licence.

2.3.3 AMBIENT MONITORING SUMMARY FOR THE TREATMENT PLANT DISCHARGE TPEFF0500D0168SW001

A summary of monitoring from ambient monitoring points associated with the wastewater discharge is provided in the sections below. For discharges to rivers upstream (U/S) and downstream (D/S) location data is provided. For other ambient points in lakes, coastal or transitional waters, monitoring data from the most appropriate monitoring station is selected.

The table below provides details of ambient monitoring locations and details of any designations as sensitive areas.

Ambient Monitoring Point from WWDL (or as agreed with EPA)	Irish Grid Reference	River Station Code	Bathing Water	Drinking Water	FWPM	Shellfish	WFD Status
Downstream	97751, 48958	TW05003191IB1001	No	No	No	Yes	Unassigned

The results for ambient results and / or additional monitoring data sets are included in the Appendix 7.1 - Ambient monitoring summary

Significance of Results:

The WWTP discharge was not compliant with the ELV's set in the wastewater discharge licence.

The ambient monitoring results meet the required EQS. The EQS relates to the Oxygenation and Nutrient Conditions set out in the Surface Water Regulations 2009.

The discharge from the wastewater treatment plant does not have an observable impact on the water quality.

The discharge from the wastewater treatment plant does not have an observable negative impact on the Water Framework Directive status.

2.3.4 OPERATIONAL PERFORMANCE SUMMARY - BANTRY WWTP - 2020

2.3.4.1 Treatment Efficiency Report - BANTRY WWTP - 2020

Treatment efficiency is based on the removal of key pollutants from the influent wastewater by the treatment plant. In essence the calculation is based on the balance of load coming into the plant versus the load leaving the plant. The efficiency is presented as a percentage removal rate.

A summary presentation of the efficiency of the treatment process including information for all the parameters specified in the licence is included below:

Parameter	Influent mass loading (kg/year)	Effluent mass emission (kg/year)	Efficiency (% reduction of influent load)						
There is no Tr	eatment Efficiency data included in the	There is no Treatment Efficiency data included in the AER.							

Note: The above data is based on sample results for the number of dates reported

2.3.4.2 Treatment Capacity Report Summary - BANTRY WWTP - 2020

Treatment capacity is an assessment of the hydraulic (flow) and organic (the amount of pollutants) load a treatment plant is designed to treat versus the current loading of that plant.

BANTRY WWTP - 2020	
Peak Hydraulic Capacity (m³/day) - As Constructed	4104
DWF to the Treatment Plant (m³/day)	1386
Current Hydraulic Loading - annual max (m³/day)	6300
Average Hydraulic loading to the Treatment Plant (m³/day)	2681
Organic Capacity (PE) - As Constructed	6000
Organic Capacity (PE) - Collected Load (peak week) ^{Note1}	3955
Organic Capacity (PE) - Remaining	2045

BANTRY WWTP - 2020

Will the capacity be exceeded in the next three years? (Yes/No)

Nominal design capacities can be based on conservative design principles. In some cases assessment of existing plants has shown organic capacities significantly higher than the nominal design capacity. Accordingly plants that appear to be overloaded when comparing a collected peak load with the nominal design capacity can be fully compliant due to the safety factors in the original design.

2.3.5 SLUDGE / OTHER INPUTS - BANTRY WWTP - 2020

'Other inputs' to the waste water treatment plant are summarised in table below

Input type	Quantity	Unit	P.E.	% of load to WWTP	Included in Influent Monitoring (Y/N)?	Is there a leachate/sludge acceptance procedure for the WWTP?	Is there a dedicated leachate/sludge acceptance facility for the WWTP? (Y/N)		
There is no Sludge and Other Input data for the Treatment Plant included in the AER.									

3 COMPLAINTS AND INCIDENTS

3.1 COMPLAINTS SUMMARY

A summary of complaints of an environmental nature is included below.

Number of Complaints	Nature of Complaint	Number Open Complaints	Number Closed Complaints		
There were no relevant environme	ental complaints in 2020.				

3.2 REPORTED INCIDENTS SUMMARY

Environmental incidents that arise in an agglomeration are reported on an on-going basis in accordance with our waste water discharge licences. Where an incident occurs and it is reportable under the licence, it is reported to the Environmental Protection Agency through their Environmental Data Exchange Network, or in some instances by telephone. Some incidents which arise in the agglomeration are recorded by Irish Water but may not be reportable under our licence for example where the incident does not have an impact on environmental performance.

A summary of reported incidents is included below.

3.2.1 SUMMARY OF INCIDENTS

Incident Type	Cause	No. of incident occurrences	Recurring (Y/N)	Closed (Y/N)				
There were no reportable	There were no reportable incidents in 2020.							

3.2.2 SUMMARY OF OVERALL INCIDENTS

Question	Answer
Number of Incidents in 2020	4
Number of Incidents reported to the EPA via EDEN in 2020	4
Explanation of any discrepancies between the two numbers above	N/A

4 INFRASTRUCTURAL ASSESSMENTS AND PROGRAMME OF IMPROVEMENTS

4.1 STORM WATER OVERFLOW IDENTIFICATION AND INSPECTION REPORT

A summary of the operation of the storm water overflows and their significance where known is included below:

4.1.1 SWO IDENTIFICATION

WWDL Name / Code for Storm Water Overflow	Irish Grid Ref.	Included in Schedule A4 of the WWDL	Significance of the overflow(High / Medium / Low)	Assessed against DoEHLG Criteria	No. of times activated in 2020 (No. of events)	Total volume discharged in 2020 (m3)	Monitoring Status
SW002	99298, 48614	No	Low	Meeting	Unknown	Unknown	Monitored
SW07	99424, 48555	Yes	Low	Meeting	Unknown	Unknown	Not Monitored
SW08	99426, 48558	Yes	Low	Meeting	Unknown	Unknown	Not Monitored
твс	96749, 48178	No	Low	Meeting	Unknown	133780	Monitored
твс	99300, 48614	No	Low	Meeting	Unknown	Unknown	Not Monitored

SWO Summary	
How much sewage was discharged via SWOs in the agglomeration in the year (m3)?	Unknown
Is each SWO identified as not meeting DoEHLG Guidance included in the Programme of Improvements?	No
The SWO Assessment included the requirements of relevant of WWDL schedules?	Yes
Have the EPA been advised of any additional SWOs / changes to Schedule C3 and A4 under Condition 1.7?	Yes

4.2 REPORT ON PROGRESS MADE AND PROPOSALS BEING DEVELOPED TO MEET THE IMPROVEMENT PROGRAMME REQUIREMENTS.

4.2.1 SPECIFIED IMPROVEMENT PROGRAMME SUMMARY

A wastewater discharge licence may require a number of reports on specific subject areas to be prepared for the agglomeration in question. These reports are submitted to the EPA as part of the Annual Environmental Report. This section provides list of the various reports required for this agglomeration and a brief summary of their recommendations.

Specified Improvement Programmes (under Schedule A and C of WWDL)	Description	Licence Schedule	Licence Completion Date	Date Expired? (N/NA/Y)	Status of Works	Timeframe for Completing the Work	Comments
D0168-SIP:01	Discontinue SW003 Secondary Discharge	С	31/12/2015	Yes	At Planning Stage		Completion date 2024+

Specified Improvement Programmes (under Schedule A and C of WWDL)	Description	Licence Schedule	Licence Completion Date	Date Expired? (N/NA/Y)	Status of Works	Timeframe for Completing the Work	Comments
D0168-SIP:02	Discontinue SW004 Secondary Discharge	С	31/12/2015	Yes	Not Started		Capital works not funded in RC3. Capital works funding post 2024 will be contingent on the project being included in the 2025-2029 investment period.

A summary of the status of any improvements identified by under Condition 5.2 is included below.

4.2.2 IMPROVEMENT PROGRAMME SUMMARY

Improvement	Improvement Description / or any Operational	Improvement	Expected Completion	Comments							
Identifier	Improvements	Source	Date								
There are no Improvements Programme for this Agglomeration.											

4.2.3 SEWER INTEGRITY RISK ASSESSMENT

The utilisation of multiple capital maintenance programmes and the outputs of the workshops with the Local Authority Operations Staff held under the programme can be used to satisfy the requirements of Condition 5 regarding network integrity. Improvement works identified by way of these programmes and workshops will be included in the Improvements Summary Table.

5 LICENCE SPECIFIC REPORTS

A wastewater discharge licence may require a number of reports on specific subject areas to be prepared for the agglomeration in question. These reports are submitted to the EPA as part of the Annual Environmental Report. This section provides list of the various reports required for this agglomeration and a brief summary of their recommendations.

5.a Licence Specific Reports Summary Table

Licence Specific Report	Required by licence	Year included in AER	Included in this AER	Reference to relevant section of AER
Priority Substances Assessment	Yes	2015	No	

5.1 PRIORITY SUBSTANCES ASSESSMENT

The Priority Substances Assessment Report has been included in the AER 2015

6 CERTIFICATION AND SIGN OFF

6.1 SUMMARY OF AER CONTENTS

Parameter	Answer
Does the AER include an Executive Summary?	Yes
Does the AER include an assessment of the performance of the Waste Water Works (i.e. have the results of assessments been interpreted against WWDL requirements and or Environmental Quality Standards)?	Yes
Is there a need to advise the EPA for consideration of a Technical Amendment / Review of the licence?	No
List reason e.g. additional SWO identified	N/A
Is there a need to request/advise the EPA of any modification to the existing WWDL with respect to condition 4 changes to monitoring location, frequency etc	No
List reason e.g. changes to monitoring requirements	N/A
Have these processes commenced?	N/A
Are all outstanding reports and assessments from previous AERs included as an appendix to this AER	n/a

I certify that the information given in this Annual Environmental Report is truthful, accurate and complete:

Signed: Date: 06/07/2021

This AER has been produced by Irish Water's Environmental Information System (EIMS) and has been electronically signed off in that system for and on behalf of ,

Katherine Walshe

Acting Head of Environmental Regulation.

7 APPENDIX

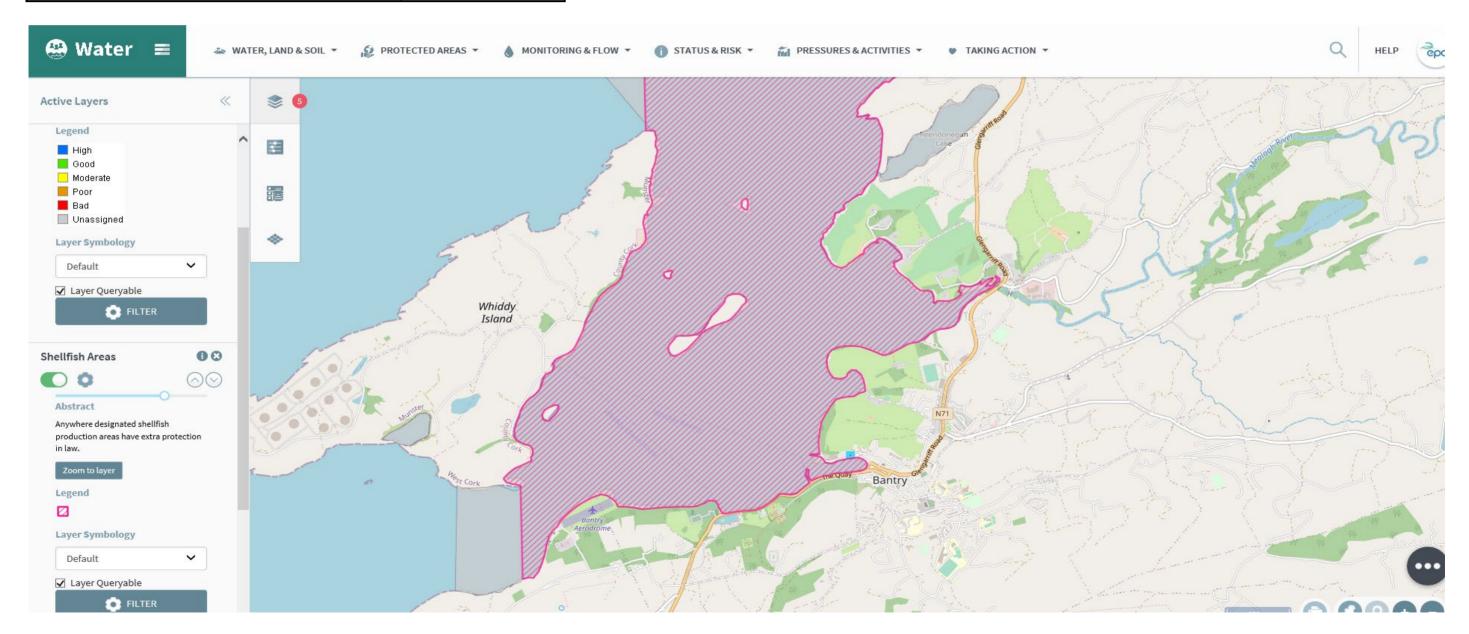
Appendix

Appendix 7.1 - Ambient monitoring summary

Bantry	Trans	Transitional													Median	Mean	95%ile
		EQS															
	Mean	Mean 95%ile 29/ 10:		19/02/2020 11:05	12/03/2020 10:25	20/05/2020 11:50	10/06/2020 10:20	01/07/2020 11:40	29/07/2020 10:40	19/08/2020 09:30	09/09/2020 10:45	07/10/2020 11:30	11/11/2020 13:15	09/12/2020 10:00			
D.O % O ₂	80%<95%ile<120%				100	110.9	101.1	104	100.9		99.1	99.4	100.1	94	100.10	101.06	108.14
Temperature C ^o	≤ 1.5 C	≤ 1.5 C [°] increase			8.2	10.2	13.9	17.1	16.2		15.5	13.7	12.5	7.6	13.70	12.77	16.74
pH	6 <	6 < pH < 9			7.8		8.1				7.9	8	8.1	8	8.00	7.98	8.1
BOD mg/L	n/a	≤ 4			1.4		0.5				2.7	0.5	1.3	1.7	1.35	1.35	2.45
Suspended Soilds	n/a	n/a			94		5				18	9	25	17	17.50	28.00	76.75
Orthophosphate (P) mg/l	≤0.04 @35	PSU (Median)			0.02		0.005				0.07	0.01	0.04	0.02	0.02	0.03	0.0625
E.Coli MPN/100mls		n/a	20	2143	98	5	10	5	857	8664	63	5	1317	771	80.50	1163.17	5077.45
Faecal Coliforms MPN/100mls		n/a		2143	98	5	10	5	857	8664	63	5	1317	771	80.50	1163.17	5077.45
Intestinal enterococci CFU/100mls	n/a		10	457	41	5	5	5	602	10462	5	20	583	187	30.50	1031.83	5039

Ambient Monitoring Point from WWDL (or	Irish Grid	EPA Feature Coding	Bathing	Drinking			Current
as agreeded with EPA)	Reference	tool Code	Water	Water	FWPM	Shellfish	WFD Status
Downstream Monitoring Point	E96860 N48066	TW05003191IB1001	No	No	No	Yes	Unassigned

Significace of Results	
Did the ambient monitoring results meet the EQS Required?	Yes
Is there an obervable negative impact on water quality?	Unknown - "observable" TBC
List the parameters causing the impact?	N/A
A deterioration has been identified, but it is not known if it is caused by the TP	N/A
Do the discharges from the WWTP have an observable negative impact on the WFD?	Unknown - "observable" TBC
Any other known impacts	Catchment Pressures



WaterbodyName	WaterbodyCode Waterbody	rtyr MonitoringStationCode	MonitoringStationName	MonitoringSta	ti MonitoringSta SampleCod	SampleDate SampleMethod	ParameterName	ParameterUni	tSF ParameterUnil Resu	lt TextRe	sult ResultStri	n; LimitOfDet R	eportResı ReportTe	xt ReportRe	est ReportLimit
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08835	15/06/2020 TRaC Surface	Ammonia-Total (as N)	mg/l	milligrams per	0.014	OK	0.01	0.014	OK	0.01
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08834	15/06/2020 TRaC Bottom	Ammonia-Total (as N)	mg/l	milligrams per	0.048	OK	0.01	0.048	ОК	0.01
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08836	15/06/2020 TRaC Bottom	Ammonia-Total (as N)	U .	milligrams per	0.018	OK	0.01	0.018	ОК	0.01
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08838	15/06/2020 TRaC Bottom	Ammonia-Total (as N)		milligrams per	0.023	OK	0.01	0.023	ОК	0.01
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12404	15/06/2020 TRaC Bottom	Ammonia-Total (as N)	mg/l	milligrams per litre	<0.01	OK	0.01	0.005 < 0.01	OK	0.01
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12406	15/06/2020 TRaC Bottom	Ammonia-Total (as N)	mg/l	milligrams per	0.011	OK	0.01	0.011	OK	0.01
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	15/06/2020 TRaC Surface	BOD - 5 days (Total)	mg/l	milligrams per litre	<1	OK	1	0.5 <1 0.005 <0.01	OK OK	1
Outer Bantry Bay Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	15/06/2020 TRaC Surface	Ammonia-Total (as N)	mg/l	milligrams per litre	<0.01 <1	OK OK	0.01	0.005 <0.01	OK	0.01
, ,	IE_SW_170_0000 Coastal IE SW 170 0000 Coastal	CW05003190BB1005 CW05003190BB1003	BB440 - South of Shee Head BB420 - Roancarrigmore	Operational	Cork County C 20-12404	15/06/2020 TRaC Bottom 15/06/2020 TRaC Bottom	BOD - 5 days (Total)	mg/l	milligrams per litre	-	OK	0.01	0.025	OK	0.01
Outer Bantry Bay Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1005 CW05003190BB1005	BB420 - Roancarrightore BB440 - South of Shee Head	Operational	Cork County C 20-12414 Cork County C 20-08837	15/06/2020 TRaC Bottom 15/06/2020 TRaC Surface	Ammonia-Total (as N) BOD - 5 days (Total)	mg/l	milligrams per	0.025 <1	OK	0.01	0.025	OK	0.01
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head BB440 - South of Shee Head	Operational Operational	Cork County C 20-08837 Cork County C 20-08837	15/06/2020 TRac Surface	Chlorophyll	mg/l Âug/l	milligrams per litre Microgrammes per	-	OK	1	0.5 <1	OK	1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08837 Cork County C 20-12404	15/06/2020 TRac Sulface	Chlorophyll	Aμg/l Âμg/l	Microgramme	1	OK	1	0.3 <1	OK	1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12404 Cork County C 20-12405	15/06/2020 TRac Bottom 15/06/2020 TRaC Surface	Chlorophyll	µg/l	Microgrammes per	Litro <1	OK	1	0.5 <1	OK	1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1004 CW05003190BB1004	BB430 - Mouth of Bantry Bay BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	15/06/2020 TRaC Bottom	Chlorophyll	µg/l	Microgrammes per		OK	1	0.5 <1	OK	1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1004	BB420 - Roancarrigmore	Operational	Cork County C 20-12400	15/06/2020 TRaC Surface	Chlorophyll	µg/l	Microgramme	1.4	OK	1	1.4	OK	1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08837	15/06/2020 TRaC Surface	Depth	m	Metres	0.3	OK	1	0.3	OK	1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08838	15/06/2020 TRaC Bottom	Chlorophyll	Âμg/l	Microgramme	2.1	OK	1	2.1	OK	1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	15/06/2020 TRaC Surface	Chlorophyll	µg/l	Microgramme	1.1	OK	- 1	1.1	OK	- 1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	15/06/2020 TRaC Surface	Chlorophyll	µg/l	Microgrammes per		OK	1	0.5 <1	OK	1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08834	15/06/2020 TRaC Bottom	Chlorophyll	µg/l	Microgramme	1.1	OK	1	1.1	OK	1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08835	15/06/2020 TRaC Surface	Chlorophyll	Âμg/l	Microgrammes per		OK	1	0.5 <1	OK	1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12414	15/06/2020 TRaC Bottom	Chlorophyll	µg/l	Microgrammes per		OK	- 1	0.5 <1	ОК	1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12406	15/06/2020 TRaC Bottom	Dissolved Oxygen	% Saturation	Percentage Sa	84	OK	- 1	84	OK	1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12413	15/06/2020 TRaC Surface	Dissolved Oxygen	% Saturation	Percentage Saturat		ail OK	1	No detail	OK	1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08835	15/06/2020 TRaC Surface	Depth	m	Metres	0.3	OK		0.3	OK	-
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	15/06/2020 TRaC Surface	Depth	m	Metres	0.3	OK		0.3	ОК	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12406	15/06/2020 TRaC Bottom	Depth	m	Metres	39.8	OK		39.8	ОК	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12413	15/06/2020 TRaC Surface	Depth	m	Metres	No deta	ail OK		No detail	ОК	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08838	15/06/2020 TRaC Bottom	ortho-Phosphate (as P)) - mg/l	milligrams per	0.013	OK	0.005	0.013	OK	0.005
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12404	15/06/2020 TRaC Bottom	ortho-Phosphate (as P)) - mg/l	milligrams per	0.01	OK	0.005	0.01	OK	0.005
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	15/06/2020 TRaC Surface	Dissolved Oxygen	% Saturation	Percentage Sa	108	OK	1	108	OK	1
Duter Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08835	15/06/2020 TRaC Surface	Dissolved Oxygen	% Saturation	Percentage Sa	108	OK	1	108	OK	1
Duter Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	15/06/2020 TRaC Surface	Dissolved Oxygen	% Saturation	Percentage Sa	109	OK	1	109	OK	1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08834	15/06/2020 TRaC Bottom	рН	pH units	pH Units	8	OK	2	8	OK	2
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08837	15/06/2020 TRaC Surface	рН	pH units	pH Units	8.1	OK	2	8.1	OK	2
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	15/06/2020 TRaC Surface	Salinity	PSU	Practical salini	34.7	OK	0.1	34.7	OK	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08834	15/06/2020 TRaC Bottom	Salinity	PSU	Practical salini	35.1	OK	0.1	35.1	OK	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08835	15/06/2020 TRaC Surface	Salinity	PSU	Practical salini	34.9	OK	0.1	34.9	OK	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08838	15/06/2020 TRaC Bottom	Salinity	PSU	Practical salini	35.2	OK	0.1	35.2	OK	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	15/06/2020 TRaC Surface	Depth	m	Metres	0.4	OK		0.4	OK	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08836	15/06/2020 TRaC Bottom	Depth	m	Metres	27.3	OK		27.3	OK	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08838	15/06/2020 TRaC Bottom	Depth	m	Metres	26.3	OK		26.3	OK	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12404	15/06/2020 TRaC Bottom	Depth	m	Metres	37.2	OK		37.2	OK	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12414	15/06/2020 TRaC Bottom	Depth	m	Metres	No deta	ail OK		No detail		
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08834	15/06/2020 TRaC Bottom	ortho-Phosphate (as P)) - mg/l	milligrams per	0.02	OK	0.005	0.02	OK	0.005
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08836	15/06/2020 TRaC Bottom	ortho-Phosphate (as P)) - mg/l	milligrams per	0.007	OK	0.005	0.007	OK	0.005
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12413	15/06/2020 TRaC Surface	ortho-Phosphate (as P)	-	milligrams per litre		OK	0.005	0.0025 < 0.005	OK	0.005
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12414	15/06/2020 TRaC Bottom	ortho-Phosphate (as P)) - mg/l	milligrams per	0.013	OK	0.005	0.013	OK	0.005
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12414	15/06/2020 TRaC Bottom	Salinity	PSU	Practical salinity un			0.1	No detail		0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	15/06/2020 TRaC Surface	Salinity(Lab)	0/00	0/00	33.8	OK	0.1	33.8	ОК	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08835	15/06/2020 TRaC Surface	Salinity(Lab)	0/00	0/00	34	OK	0.1	34	ОК	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08836	15/06/2020 TRaC Bottom	Salinity(Lab)	0/00	0/00	34.3	OK	0.1	34.3	OK	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	15/06/2020 TRaC Surface	Salinity(Lab)	0/00	0/00	32.7	OK	0.1	32.7	OK	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12414	15/06/2020 TRaC Bottom	Salinity(Lab)	0/00	0/00	34.7	OK	0.1	34.7	OK	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08835	15/06/2020 TRaC Surface	рН	pH units	pH Units	8.1	OK	2	8.1	OK	2
Duter Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12406	15/06/2020 TRaC Bottom	pH	pH units	pH Units	8	OK	2	8	OK	2
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12413	15/06/2020 TRaC Surface	pH Solinity	pH units	pH Units Practical calini	8.3	OK	2	8.3	OK	2
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	15/06/2020 TRaC Surface	Salinity	PSU	Practical salini	33.1	OK	0.1 0.1	33.1	OK OK	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12406	15/06/2020 TRaC Bottom	Salinity Dissolved Oxygen	PSU % Saturation	Practical salini	35 80	OK	0.1	35 89		0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore BB440 - South of Shee Head	Operational	Cork County C: 20-08834	15/06/2020 TRaC Bottom	Dissolved Oxygen	% Saturation % Saturation	Percentage Sa	89 108	OK OK	1	89 108	OK OK	1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C: 20-08837	15/06/2020 TRaC Surface	Dissolved Oxygen	% Saturation % Saturation	Percentage Sa			1	108	OK OK	1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C: 20-08838	15/06/2020 TRaC Bottom	Dissolved Oxygen	% Saturation % Saturation	Percentage Sa	108 84	OK	1	108 84	OK OK	1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12404	15/06/2020 TRaC Bottom	Dissolved Oxygen	% Saturation	Percentage Sa milligrams por litro	84 <0.1	OK	1			1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C: 20-08837	15/06/2020 TRaC Surface	Silica (as SiO2)	mg/l	milligrams per litre		OK	0.1	0.05 < 0.1	OK	0.1
Duter Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12406	15/06/2020 TRaC Bottom	Silica (as SiO2)	mg/l	milligrams per	0.12	OK	0.1	0.12	OK OK	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12414	15/06/2020 TRaC Bottom	Silica (as SiO2)	mg/l	milligrams per	0.21 44	OK	0.1 0.1	0.21 44	OK OK	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore BB440 - South of Shee Head	Operational	Cork County C 20-08834	15/06/2020 TRaC Bottom	StationDepth StationDepth	m	Metres	44 61	OK	0.1	44 61	OK OK	0.1
	IE_SW_170_0000 Coastal	CW05003190BB1005 CW05003190BB1003	BB440 - South of Shee Head	Operational	Cork County C 20-12404	15/06/2020 TRaC Bottom	StationDepth	m ma/l	Metres milligrams por litro		OK			OK OK	0.1
Outer Bantry Bay		UVVUDUUS 190881005	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	15/06/2020 TRaC Surface	ortho-Phosphate (as P)	1 - 1118/1	milligrams per litre	< 0.005	OK	0.005	0.0025 < 0.005		0.005
Outer Bantry Bay Outer Bantry Bay	IE_SW_170_0000 Coastal		PD120 Mouth of Pasta Day	Onorational	Cark County C 20 00025	1E/06/2020 TDaC Countration	ortho Phoenhate /a- Ph	mal	milligrams (0079	04	0.005	0 0070	OV	
Outer Bantry Bay Outer Bantry Bay Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08835	15/06/2020 TRaC Surface	ortho-Phosphate (as P) StationDepth		•	0.0078 No det	OK	0.005	0.0078 No detail	OK	0.005
Outer Bantry Bay Outer Bantry Bay Outer Bantry Bay Outer Bantry Bay Outer Bantry Bay			BB430 - Mouth of Bantry Bay BB420 - Roancarrigmore BB420 - Roancarrigmore	Operational Operational Operational	Cork County C: 20-08835 Cork County C: 20-12414 Cork County C: 20-08833	15/06/2020 TRaC Surface 15/06/2020 TRaC Bottom 15/06/2020 TRaC Surface	ortho-Phosphate (as P) StationDepth Temperature) - mg/l m °C	milligrams per (Metres Degrees centri	0.0078 No deta 14		0.005 0.1	0.0078 No detail 14		0.005 0.1

WaterbodyName	WaterbodyCode	Waterbodyty	MonitoringStationCode	MonitoringStationName	MonitoringSta	ati MonitoringSta SampleCod	SampleDate SampleMethod	ParameterName	Parameterl Init	Sr ParameterUnii Resu	ult TextResu	lt ResultStrip Lin	nitΩfDet R	eportResi ReportTe	ovt ReportRes	ı Reportl imit
Outer Bantry Bay		Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	15/06/2020 TRaC Surface	Temperature	°C	Degrees centri	16.4	OK	Intoidet int	16.4	OK	c Reportennit
Outer Bantry Bay		Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	15/06/2020 TRaC Surface	Temperature	°C	Degrees centri	19.4	OK		19.4	OK	
Outer Bantry Bay		Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12414	15/06/2020 TRaC Bottom	Temperature	°C	Degrees centrigrad		ОК		No detail		
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08836	15/06/2020 TRaC Bottom	Salinity	PSU	Practical salini	35.2	ОК	0.1	35.2	OK	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08837	15/06/2020 TRaC Surface	Salinity	PSU	Practical salini	35	ОК	0.1	35	ОК	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	15/06/2020 TRaC Surface	Salinity	PSU	Practical salini	34.5	ОК	0.1	34.5	OK	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12404	15/06/2020 TRaC Bottom	Salinity	PSU	Practical salini	34.8	ОК	0.1	34.8	OK	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	15/06/2020 TRaC Surface	TOC (as NPOC)	mg/l	milligrams per litre	<2	OK	2	1 <2	OK	2
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12404	15/06/2020 TRaC Bottom	TOC (as NPOC)	mg/l	milligrams per litre	<2	OK	2	1 <2	OK	2
Outer Bantry Bay		Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08834	15/06/2020 TRaC Bottom	Salinity(Lab)	0/00	0/00	34.3	OK	0.1	34.3	OK	0.1
Outer Bantry Bay		Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12406	13/08/2020 TRaC Bottom	Salinity(Lab)	0/00	0/00	34.6	OK	0.1	34.6	OK	0.1
Outer Bantry Bay		Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12413	13/08/2020 TRaC Surface	Salinity(Lab)	0/00	0/00	32.6	OK	0.1	32.6	OK	0.1
Outer Bantry Bay		Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08834	13/08/2020 TRaC Bottom	Total Oxidised Nitrogen		milligrams per	0.064	OK	0.01	0.064	OK	0.01
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08838	13/08/2020 TRaC Bottom	Total Oxidised Nitrogen		milligrams per	0.036	OK	0.01	0.036 7.5	OK OK	0.01
Outer Bantry Bay Outer Bantry Bay		Coastal	CW05003190BB1004 CW05003190BB1003	BB430 - Mouth of Bantry Bay BB420 - Roancarrigmore	Operational	Cork County C 20-12406 Cork County C 20-12414	13/08/2020 TRaC Bottom 13/08/2020 TRaC Bottom	Transparency	m m	Metres	7.5 No dotail	OK OK		7.5 No detail		
Outer Bantry Bay		Coastal Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational Operational	Cork County C 20-12414 Cork County C 20-08837	13/08/2020 TRac Bottom 13/08/2020 TRaC Surface	Transparency Salinity(Lab)	0/00	Metres 0/oo	No detail 34	OK	0.1	34	OK	0.1
Outer Bantry Bay		Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08837	13/08/2020 TRac Surface 13/08/2020 TRaC Bottom	Salinity(Lab)	0/00	0/00	34.4	OK	0.1	34.4	OK	0.1
Outer Bantry Bay		Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	13/08/2020 TRaC Surface	Salinity(Lab)	0/00	0/00	34.1	OK	0.1	34.1	OK	0.1
Outer Bantry Bay		Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	13/08/2020 TRaC Surface	Silica (as SiO2)	mg/l	milligrams per litre		OK	0.1	0.05 < 0.1	OK	0.1
Outer Bantry Bay		Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	13/08/2020 TRaC Surface	Silica (as SiO2)	mg/l	milligrams per litre		OK	0.1	0.05 < 0.1	OK	0.1
Outer Bantry Bay		Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	13/08/2020 TRaC Surface	Silica (as SiO2)	mg/l	milligrams per litre		ОК	0.1	0.05 < 0.1	OK	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08836	13/08/2020 TRaC Bottom	Silica (as SiO2)	mg/l	milligrams per litre	<0.1	ОК	0.1	0.05 < 0.1	ОК	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08838	13/08/2020 TRaC Bottom	Silica (as SiO2)	mg/l	milligrams per litre	<0.1	ОК	0.1	0.05 < 0.1	OK	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12404	13/08/2020 TRaC Bottom	Silica (as SiO2)	mg/l	milligrams per litre	<0.1	ОК	0.1	0.05 < 0.1	OK	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	13/08/2020 TRaC Surface	StationDepth	m	Metres	61	ОК	0.1	61	OK	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08835	13/08/2020 TRaC Surface	StationDepth	m	Metres	50	ОК	0.1	50	OK	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08838	13/08/2020 TRaC Bottom	StationDepth	m	Metres	61	ОК	0.1	61	OK	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	13/08/2020 TRaC Surface	StationDepth	m	Metres	50	ОК	0.1	50	OK	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12406	13/08/2020 TRaC Bottom	StationDepth	m	Metres	50	ОК	0.1	50	OK	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	13/08/2020 TRaC Surface	Suspended Solids	mg/l	milligrams per litre		OK	4	2 <4	OK	4
Outer Bantry Bay		Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12414	13/08/2020 TRaC Bottom	Suspended Solids	mg/l	milligrams per litre		OK	4	2 <4	OK	4
Outer Bantry Bay		Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08834	13/08/2020 TRaC Bottom	Temperature	°C	Degrees centri	11.5	OK		11.5	OK	
Outer Bantry Bay		Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08838	13/08/2020 TRaC Bottom	Temperature	°C	Degrees centri	12.4	OK		12.4	OK	
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12404	13/08/2020 TRaC Bottom	Temperature	°C °C	Degrees centri	12.2	OK		12.2	OK	
Outer Bantry Bay		Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12406	13/08/2020 TRaC Bottom	Temperature	°C	Degrees centri	12.2	OK	0.01	12.2	OK	0.01
Outer Bantry Bay		Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	13/08/2020 TRaC Surface	Total Oxidised Nitrogen		milligrams per	0.028	OK OK	0.01	0.028	ОК ОК	0.01
Outer Bantry Bay		Coastal	CW05003190BB1003 CW05003190BB1005	BB420 - Roancarrigmore BB440 - South of Shee Head	Operational	Cork County C 20-12413	13/08/2020 TRaC Surface	Total Oxidised Nitrogen TOC (as NPOC)		milligrams per litre		OK	0.01	0.005 <0.01 1 <2	OK	0.01 2
Outer Bantry Bay Outer Bantry Bay	IE_SW_170_0000 IE_SW_170_0000	Coastal	CW05003190BB1003	BB440 - South of Shee Head BB420 - Roancarrigmore	Operational Operational	Cork County C 20-08837 Cork County C 20-08834	13/08/2020 TRaC Surface 13/08/2020 TRaC Bottom	Transparency	mg/l m	milligrams per litre Metres	5.6	OK	2	5.6	OK	2
Outer Bantry Bay		Coastal	CW05003190BB1003	BB420 - Mouth of Bantry Bay	Operational	Cork County C 20-08834	13/08/2020 TRaC Surface	Total Oxidised Nitrogen		milligrams per	0.036	OK	0.01	0.036	OK	0.01
Outer Bantry Bay		Coastal	CW05003190BB1004	BB440 - South of Shee Head	Operational	Cork County C 20-12404	13/08/2020 TRaC Bottom	Total Oxidised Nitrogen		milligrams per	0.028	OK	0.01	0.028	OK	0.01
Outer Bantry Bay		Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12404	13/08/2020 TRaC Bottom	Total Oxidised Nitrogen		milligrams per	0.034	OK	0.01	0.034	OK	0.01
Outer Bantry Bay		Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12414	13/08/2020 TRaC Bottom	Total Oxidised Nitrogen		milligrams per litre		OK	0.01	0.005 < 0.01	OK	0.01
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	13/08/2020 TRaC Surface	Transparency	m	Metres	5.6	ОК		5.6	OK	
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08835	13/08/2020 TRaC Surface	Transparency	m	Metres	7	ОК		7	ОК	
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	13/08/2020 TRaC Surface	Transparency	m	Metres	7.7	ОК		7.7	OK	
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	13/08/2020 TRaC Surface	Transparency	m	Metres	7.5	ОК		7.5	OK	
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	13/08/2020 TRaC Surface	Ammonia-Total (as N)	mg/l	milligrams per	0.014	ОК	0.01	0.014	OK	0.01
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-08837	13/08/2020 TRaC Surface	Ammonia-Total (as N)	mg/l	milligrams per	0.015	OK	0.01	0.015	OK	0.01
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	13/08/2020 TRaC Surface	Ammonia-Total (as N)	mg/l	milligrams per litre	< 0.01	OK	0.01	0.005 < 0.01	OK	0.01
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12413	13/08/2020 TRaC Surface	Ammonia-Total (as N)	mg/l	milligrams per litre		OK	0.01	0.005 < 0.01	OK	0.01
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	13/08/2020 TRaC Surface	BOD - 5 days (Total)	mg/l	milligrams per litre		OK	1	0.5 <1	OK	1
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08836	13/08/2020 TRaC Bottom	Chlorophyll	Âμg/I	Microgramme	1.2	OK	1	1.2	OK	1
Outer Bantry Bay		Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08834	13/08/2020 TRaC Bottom	Depth	m	Metres	27.2	OK		27.2	OK	
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	13/08/2020 TRaC Surface	Depth Discussion	m X Catanatian	Metres	0.2	OK		0.2	OK	
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1004	BB430 - Mouth of Bantry Bay BB440 - South of Shee Head	Operational	Cork County C 20-08836	13/08/2020 TRaC Bottom	Dissolved Oxygen	% Saturation	Percentage Sa	102 108	OK	1	102 108	ОК ОК	1
Outer Bantry Bay Outer Bantry Bay	IE_SW_170_0000 IE_SW_170_0000	Coastal	CW05003190BB1005 CW05003190BB1003	BB440 - South of Shee Head BB420 - Roancarrigmore	Operational Operational	Cork County C 20-12403 Cork County C 20-12414	13/08/2020 TRaC Surface 13/08/2020 TRaC Bottom	Dissolved Oxygen Dissolved Oxygen	% Saturation % Saturation	Percentage Sa Percentage Saturat		OK OK	1	No detail		1
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12414 Cork County C 20-08837	13/08/2020 TRaC Surface	ortho-Phosphate (as P)		-	0.0076	OK	0.005	0.0076	OK	0.005
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	13/08/2020 TRaC Surface	ortho-Phosphate (as P)		milligrams per litre		OK	0.005	0.0025 < 0.005	OK	0.005
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	13/08/2020 TRaC Surface	ortho-Phosphate (as P)	-	milligrams per litre		OK	0.005	0.0025 <0.005	OK	0.005
Outer Bantry Bay		Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12406	13/08/2020 TRaC Bottom	ortho-Phosphate (as P)		milligrams per	0.01	OK	0.005	0.01	OK	0.005
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08833	13/08/2020 TRaC Surface	pH	pH units	pH Units	8.1	OK	2	8.1	OK	2
Outer Bantry Bay			CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08836	13/08/2020 TRaC Bottom	рH	pH units	pH Units	8.1	OK	2	8.1	OK	2
Outer Bantry Bay		Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	, Cork County C 20-08838	13/08/2020 TRaC Bottom	pH	pH units	pH Units	8.1	ОК	2	8.1	ОК	2
Outer Bantry Bay		Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12403	13/08/2020 TRaC Surface	pH	pH units	pH Units	8.2	ОК	2	8.2	ОК	2
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12404	13/08/2020 TRaC Bottom	рН	pH units	pH Units	8.1	ОК	2	8.1	OK	2
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-12405	13/08/2020 TRaC Surface	рН	pH units	pH Units	8.3	ОК	2	8.3	ОК	2
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12414	13/08/2020 TRaC Bottom	рН	pH units	pH Units	8	ОК	2	8	ОК	2
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-12413	13/08/2020 TRaC Surface	Salinity	PSU	Practical salinity un		ОК	0.1	No detail		0.1
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20-12404	13/08/2020 TRaC Bottom	Salinity(Lab)	0/00	0/00	34.5	ОК	0.1	34.5	ОК	0.1
Outer Bantry Bay	IE_SW_170_0000		CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20-08834	13/08/2020 TRaC Bottom	Silica (as SiO2)	mg/l	milligrams per	0.15	ОК	0.1	0.15	ОК	0.1
Outer Bantry Bay	IE_SW_170_0000	Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20-08835	13/08/2020 TRaC Surface	Silica (as SiO2)	mg/l	milligrams per litre	<0.1	OK	0.1	0.05 < 0.1	ОК	0.1

WaterbodyName		MonitoringStationCode	MonitoringStationName	0	i MonitoringSta Sa	•	· · · · ·	ParameterName		it ParameterUnit Resul	t TextRe <0.1			ortResi ReportTex 0.05 <0.1		•
Outer Bantry Bay Outer Bantry Bay	IE_SW_170_0000 Coastal IE SW 170 0000 Coastal	CW05003190BB1003 CW05003190BB1003	BB420 - Roancarrigmore BB420 - Roancarrigmore	Operational Operational	Cork County C: 20 Cork County C: 20		13/08/2020 TRaC Surface 13/08/2020 TRaC Surface	Silica (as SiO2) StationDepth	mg/l m	milligrams per litre Metres	<0.1 44	OK OK	0.1 0.1	0.03 <0.1 44	ОК ОК	0.1 0.1
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20		13/08/2020 TRaC Bottom	StationDepth	m	Metres	50	OK	0.1	50	ОК	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20		13/08/2020 TRaC Surface	StationDepth	m	Metres	61	ОК	0.1	61	ОК	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20	0-12413	13/08/2020 TRaC Surface	StationDepth	m	Metres	No det	ail OK	0.1	No detail	ОК	0.1
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20	0-12413	13/08/2020 TRaC Surface	Suspended Solids	mg/l	milligrams per	4	ОК	4	4	ОК	4
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20	0-08835	13/08/2020 TRaC Surface	Temperature	°C	Degrees centri	14.1	ОК		14.1	ОК	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20		13/08/2020 TRaC Surface	Temperature	°C	Degrees centri	14.4	ОК		14.4	ОК	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20		13/08/2020 TRaC Surface	•	°C	Degrees centrigrade				No detail	OK	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20		13/08/2020 TRaC Surface	TOC (as NPOC)	mg/l	milligrams per litre	<2	OK	2	1 <2	OK	2
Outer Bantry Bay Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1004 CW05003190BB1005	BB430 - Mouth of Bantry Bay BB440 - South of Shee Head	Operational	Cork County C 20		13/08/2020 TRaC Bottom	Total Oxidised Nitrogen	-	milligrams per	0.04 0.041	OK OK	0.01	0.04 0.041	ОК ОК	0.01 0.01
Outer Bantry Bay	IE_SW_170_0000 Coastal IE SW 170 0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational Operational	Cork County C: 20 Cork County C: 20		13/08/2020 TRaC Surface 13/08/2020 TRaC Surface	Total Oxidised Nitrogen Total Oxidised Nitrogen		milligrams per milligrams per litre	<0.041	OK	0.01 0.01	0.041	OK	0.01
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20		13/08/2020 TRaC Surface	Total Oxidised Nitrogen	0,	milligrams per litre	<0.01	OK	0.01	0.005 < 0.01	OK	0.01
Outer Bantry Bay	IE SW 170 0000 Coastal	CW05003190BB1004	BB430 - Mouth of Bantry Bay	Operational	Cork County C 20		13/08/2020 TRaC Bottom	Transparency	m	Metres	7	OK	0.01	7	OK	0.01
Outer Bantry Bay	 IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20		13/08/2020 TRaC Surface	Transparency	m	Metres	7.1	ОК		7.1	ОК	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20	0-08838	13/08/2020 TRaC Bottom	Transparency	m	Metres	7.1	ОК		7.1	ОК	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1005	BB440 - South of Shee Head	Operational	Cork County C 20	0-12404	13/08/2020 TRaC Bottom	Transparency	m	Metres	7.7	ОК		7.7	ОК	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20		13/08/2020 TRaC Surface	Transparency	m	Metres	No det			No detail	ОК	
Outer Bantry Bay	IE_SW_170_0000 Coastal	CW05003190BB1003	BB420 - Roancarrigmore	Operational	Cork County C 20		13/08/2020 TRaC Surface	True Colour	mg/litre Pt Co	Milligrammes per lit		OK	5	2.5 <5	ОК	5
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C	86085	29/01/2020 Grab	E. Coli	no./100mls	Number per oi	52		0	52		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	0	Cork County C	86085	29/01/2020 Grab	Enterococci (Intestinal)	no./100mls	Number per o	10 20		0	10		
Inner Bantry Bay Inner Bantry Bay	IE_SW_170_0100 Transitional IE SW 170 0100 Transitional	TW05003191IB1001 TW05003191IB1001	ambient monitoring TPEFF0500D016 ambient monitoring TPEFF0500D016	•	Cork County C Cork County C	86085 86644	29/01/2020 Grab 19/02/2020 Grab	Faecal coliforms E. Coli	no./100mls no./100mls	Number per o Number per o	2359		0	20 2359		
Inner Bantry Bay	IE SW 170 0100 Transitional	TW050031911B1001	ambient monitoring TPEFF0500D016 ambient monitoring TPEFF0500D016	•	Cork County C	86644	19/02/2020 Grab		no./100mls	Number per or	457		0	457		
Inner Bantry Bay	IE SW 170 0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C	86644	19/02/2020 Grab	Faecal coliforms	no./100mls		2143		0	2143		
Inner Bantry Bay	IE SW 170 0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C	87203	12/03/2020 Grab	BOD - 5 days (Total)	mg/l	milligrams per	1.4		1	1.4		1
Inner Bantry Bay	 IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	-	Cork County C	87203	12/03/2020 Grab	Dissolved Oxygen	% Saturation	Percentage Sa	100		0	100		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	8 Investigative	Cork County C	87203	12/03/2020 Grab	E. Coli	no./100mls	Number per oi	31		0	31		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	8 Investigative	Cork County C	87203	12/03/2020 Grab	Enterococci (Intestinal)	no./100mls	Number per oi	41		0	41		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C	87203	12/03/2020 Grab	рН	pH units	pH Units	7.8		2	7.8		2
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	-	Cork County C	87203	12/03/2020 Grab	Faecal coliforms	no./100mls	Number per oi	98		0	98		
Inner Bantry Bay	IE_SW_170_0100 Transitional IE SW 170 0100 Transitional	TW05003191IB1001 TW05003191IB1001	ambient monitoring TPEFF0500D016 ambient monitoring TPEFF0500D016	•	Cork County C Cork County C	87203 87203	12/03/2020 Grab 12/03/2020 Grab	ortho-Phosphate (as P) Suspended Solids	- mg/l	milligrams per	0.02 94		0 2.5	0.02 94		2.5
Inner Bantry Bay Inner Bantry Bay	IE_SW_170_0100 Transitional	TW050031911B1001	ambient monitoring TPEFF0500D016 ambient monitoring TPEFF0500D016	•	Cork County C		12/03/2020 Grab	Temperature	mg/l °C	milligrams per Degrees centri	94 8.2		2.5	8.2		2.5
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191/B1001	ambient monitoring TPEFF0500D016	-	Cork County C		20/05/2020 Grab	Dissolved Oxygen	% Saturation	•	110.9		0	110.9		
Inner Bantry Bay	IE SW 170 0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C		20/05/2020 Grab		no./100mls	Number per one hu		es <10	0	5 <10		10
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C		20/05/2020 Grab	Faecal coliforms	no./100mls	Number per one hu			0	5 <10		10
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	8 Investigative	Cork County C	88186	20/05/2020 Grab	E. Coli	no./100mls	Number per one hu	ndred millilitre	es <10	0	5 <10		10
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	8 Investigative	Cork County C	88186	20/05/2020 Grab	Temperature	°C	Degrees centri	10.2		0	10.2		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	8 Investigative	Cork County C	88790	10/06/2020 Grab	Dissolved Oxygen	% Saturation	Percentage Sa	101.1		0	101.1		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C	88790	10/06/2020 Grab	BOD - 5 days (Total)	mg/l	milligrams per litre		<1.0	1	0.5 <1.0		1
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C	88790	10/06/2020 Grab	E. Coli	no./100mls	Number per oi	10		0	10		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001 TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C	88790 88790	10/06/2020 Grab 10/06/2020 Grab	Faecal coliforms	no./100mls °C	Number per oi Degrees centri	10 13.9		0	10 13.9		
Inner Bantry Bay Inner Bantry Bay	IE_SW_170_0100 Transitional IE SW 170 0100 Transitional	TW050031911B1001	ambient monitoring TPEFF0500D016 ambient monitoring TPEFF0500D016	-	Cork County C Cork County C	88790 88790	10/06/2020 Grab	Temperature Suspended Solids	mg/l	milligrams per	5		2.5	13. 9 5		2.5
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C	88790	10/06/2020 Grab	Enterococci (Intestinal)	-	Number per one hu	ndred millilitre	es <10	0	5 <10		10
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	0	Cork County C	88790	10/06/2020 Grab	ortho-Phosphate (as P)		milligrams per litre		<0.01	0	0.005 < 0.01		0.01
Inner Bantry Bay	 IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	-	Cork County C	88790	10/06/2020 Grab	рН	pH units	pH Units	8.1		2	8.1		2
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	8 Investigative	Cork County C	89513	01/07/2020 Grab	Dissolved Oxygen	% Saturation	Percentage Sa	104		0	104		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	8 Investigative	Cork County C	89513	01/07/2020 Grab	Enterococci (Intestinal)	no./100mls	Number per one hu	ndred millilitre	es <10	0	5 <10		10
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C		01/07/2020 Grab	Temperature	°C	•	17.1		0	17.1		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C		01/07/2020 Grab	E. Coli	no./100mls	Number per one hu			0	5 <10		10
Inner Bantry Bay	IE_SW_170_0100 Transitional IE_SW_170_0100 Transitional	TW05003191IB1001 TW05003191IB1001	ambient monitoring TPEFF0500D016	-	Cork County C Cork County C		01/07/2020 Grab 29/07/2020 Grab	Faecal coliforms E. Coli	no./100mls no./100mls	Number per one hu	987	25 <10	0	5 <10 987		10
Inner Bantry Bay Inner Bantry Bay	IE SW 170 0100 Transitional	TW050031911B1001	ambient monitoring TPEFF0500D016 ambient monitoring TPEFF0500D016	-	Cork County C		29/07/2020 Grab		no./100mls	Number per oi Number per oi	602		0	602		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191/B1001	ambient monitoring TPEFF0500D016	-	Cork County C		29/07/2020 Grab	Faecal coliforms	no./100mls	Number per o	857		0	857		
Inner Bantry Bay		TW05003191IB1001	ambient monitoring TPEFF0500D016	-	Cork County C		29/07/2020 Grab	Dissolved Oxygen	% Saturation		100.9		0	100.9		
Inner Bantry Bay	E_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C		29/07/2020 Grab	10	°C	Degrees centri	16.2		0	16.2		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	8 Investigative	Cork County C	90812	19/08/2020 Grab	E. Coli	no./100mls	Number per oi	5172		0	5172		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	8 Investigative	Cork County C	90812	19/08/2020 Grab	Enterococci (Intestinal)	no./100mls		.0462		0	10462		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	-	Cork County C	90812	19/08/2020 Grab	Faecal coliforms	no./100mls	•	8664		0	8664		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	•	Cork County C	91425	09/09/2020 Grab	Dissolved Oxygen	% Saturation	Percentage Sa	99.1		0	99.1		
Inner Bantry Bay		TW05003191IB1001	ambient monitoring TPEFF0500D016	-	Cork County C		09/09/2020 Grab	BOD - 5 days (Total)	mg/l	milligrams per	2.7		1	2.7		1
Inner Bantry Bay Inner Bantry Bay	IE_SW_170_0100 Transitional IE SW 170 0100 Transitional	TW05003191IB1001 TW05003191IB1001	ambient monitoring TPEFF0500D016 ambient monitoring TPEFF0500D016	-	Cork County C Cork County C	91425 91425	09/09/2020 Grab 09/09/2020 Grab	E. Coli Faecal coliforms	no./100mls no./100mls	Number per oi Number per oi	20 63		0	20 63		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW050031911B1001	ambient monitoring TPEFF0500D016 ambient monitoring TPEFF0500D016	-	Cork County C	91425 91425	09/09/2020 Grab	ortho-Phosphate (as P)	-	milligrams per	0.07		0	0.07		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191/B1001	ambient monitoring TPEFF0500D016	-	Cork County C		09/09/2020 Grab	Temperature	°C	Degrees centri	15.5		0	15.5		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016		Cork County C		09/09/2020 Grab	Suspended Solids	mg/l	milligrams per	18		2.5	18		2.5
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	-	Cork County C		09/09/2020 Grab		no./100mls	Number per one hu		es <10	0	5 <10		10
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	8 Investigative	Cork County C	91425	09/09/2020 Grab	рН	pH units	pH Units	7.9		2	7.9		2
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	-	Cork County C		07/10/2020 Grab	BOD - 5 days (Total)	mg/l	milligrams per litre		<1.0	1	0.5 <1.0		1
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	-	Cork County C		07/10/2020 Grab	Dissolved Oxygen	% Saturation	Percentage Sa	99.4		0	99.4		
Inner Bantry Bay	IE_SW_170_0100 Transitional	TW05003191IB1001	ambient monitoring TPEFF0500D016	o investigative	Cork County C	92128	07/10/2020 Grab	E. Coli	no./100mls	Number per oi	10		0	10		

WaterbodyName	WaterbodyCode Waterbodytyr MonitoringStationCode	MonitoringStationName MonitoringStati MonitoringSta SampleCod SampleDate SampleMethod	ParameterName Pa	arameterUnitSr ParameterUnii Resu	It TextResult ResultStrin; LimitOfDet Re	eportResi ReportText ReportResi ReportLimit
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 92158 07/10/2020 Grab	Faecal coliforms no	o./100mls Number per one hu	indred millilitres <10 0	5 <10 10
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 92158 07/10/2020 Grab	рН рН	H units pH Units	8 2	8 2
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 92158 07/10/2020 Grab	ortho-Phosphate (as P) - mg	g/I milligrams per	0.01 0	0.01
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 92158 07/10/2020 Grab	Suspended Solids mg	g/l milligrams per	9 2.5	9 2.5
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 92158 07/10/2020 Grab	Enterococci (Intestinal) no	o./100mls Number per oi	20 0	20
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 92158 07/10/2020 Grab	Temperature °	°C Degrees centri	13.7 0	13.7
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 93163 11/11/2020 Grab	BOD - 5 days (Total) mg	g/l milligrams per	1.3 1	1.3 1
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 93163 11/11/2020 Grab	E. Coli no	o./100mls Number per or	594 0	594
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 93163 11/11/2020 Grab	Enterococci (Intestinal) no	o./100mls Number per or	583 0	583
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 93163 11/11/2020 Grab	Faecal coliforms no.	o./100mls Number per or	1317 0	1317
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 93163 11/11/2020 Grab	ortho-Phosphate (as P) - mg	g/l milligrams per	0.04 0	0.04
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 93163 11/11/2020 Grab	рН рН	H units pH Units	8.1 2	8.1 2
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 93163 11/11/2020 Grab	Dissolved Oxygen % S	Saturation Percentage Sat	100.1 0	100.1
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 93163 11/11/2020 Grab	Suspended Solids mg	g/l milligrams per	25 2.5	25 2.5
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 93163 11/11/2020 Grab	Temperature °	°C Degrees centri	12.5 0	12.5
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 94082 09/12/2020 Grab	Dissolved Oxygen % S	Saturation Percentage Sat	94 0	94
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 94082 09/12/2020 Grab	BOD - 5 days (Total) mg	g/l milligrams per	1.7 1	1.7 1
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 94082 09/12/2020 Grab	Temperature °0	°C Degrees centri	7.6 0	7.6
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 94082 09/12/2020 Grab	рН рН	H units pH Units	8 2	8 2
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 94082 09/12/2020 Grab	Suspended Solids mg	g/l milligrams per	17 2.5	17 2.5
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 94082 09/12/2020 Grab	E. Coli no	o./100mls Number per oi	785 0	785
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 94082 09/12/2020 Grab	Enterococci (Intestinal) no	o./100mls Number per oi	187 0	187
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 94082 09/12/2020 Grab	Faecal coliforms no	o./100mls Number per oi	771 0	771
Inner Bantry Bay	IE_SW_170_0100 Transitional TW05003191IB1001	ambient monitoring TPEFF0500D0168 Investigative Cork County C 94082 09/12/2020 Grab	ortho-Phosphate (as P) - mg	g/l milligrams per	0.02 0	0.02