Annual Environmental Report

2018

Stradbally

D0353-01

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Revision Control Table

Revision Number	Description of Change	Author(s)	Approved By	Date of Approval
1	Ambient Monitoring Data Updated	R. Mansfield	M. O'Reilly	03/07/2018

1 EXECUTIVE SUMMARY AND INTRODUCTION TO THE 2018 AER

This Annual Environmental Report has been prepared for D0353-01, Stradbally, in Waterford in accordance with the requirements of the wastewater discharge licence for the agglomeration. Specified reports are included as an appendix to the AER as follows:

1.1 Licence specific reporting included in AER

Assessment / Report	Included in AER
No licence specific report included	

1.2 Treatment Type

The agglomeration is served by a wastewater treatment plant Stradbally with a Plant Capacity PE of 1914. The treatment process includes the following:

1.2.1 Stradbally

Treatment type	Yes / No	Details
Preliminary Treatment	Yes	Inlet Screens
Primary Treatment	No	
Secondary Treatment	Yes	SBR
Nutrient Removal	No	
Tertiary Treatment	No	

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 2.2 Discharges from the agglomeration.

1.3 ELV Overview

1.3.1 Stradbally

Compliance Status	
Were all parameters compliant for Stradbally treatment plant	Yes
Where noncompliant see table 2.2.1 for details of parameters	

1.4 Sludge Removal

The amount of sludge removed from the wastewater treatment plant is shown below along with the transported destination of the sludge from the treatment plant.

Treatment Plant	Sludge type	Quantity	Unit	% Dry Solids	Destination
Stradbally	Liquid Sludge	240	Volume (m3)	2.7	Dunagrvan WWTP

Annual Statement of Measures

No significant changes were undertaken in 2018. No works planned for the coming years.

2 MONITORING REPORTS SUMMARY

2.1 Summary report on monthly influent monitoring

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

2.1.1 Influent Monitoring Summary - Stradbally

Parameters	Number of Samples	Annual Max	Annual Mean
Total Phosphorus (as P) mg/l	12	15.64	2.42
Suspended Solids mg/l	12	1110	280.6
COD-Cr mg/l	12	721	217.97
BOD, 5 days with Inhibition (Carbonaceous BOD) mg/l	12	222	79.41
Hydraulic Capacity	N/A	1826	411

If other inputs in the form of sludge / leachate are added to the WWTP then these are included in Section 3.5 if applicable

Significance of Results:

The annual mean hydraulic loading is less than the peak Treatment Plant Capacity as detailed further in Section 3.2. The annual maximum hydraulic loading is greater than the peak Treatment Plant Capacity as detailed further in Section 3.2. 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.

2.2 Discharges from the agglomeration

2.2.1 Effluent Monitoring Summary - Stradbally

Parameter	WWDL ELV (Schedule A)	ELV with Condition 2 Interpretation included Note 1	Interim % reduction from influent concentration	Number of sample results	Number of exceedences	Number of with Condition 2 Interpretation included	Annual Mean	Overall Compliance (Pass/Fail)
COD-Cr mg/l	125	250	0	12	0	0	11.62	Pass
BOD, 5 days with Inhibition (Carbonaceous BOD) mg/l	0	0	0	12	0	0	1.45	Pass
ortho-Phosphate (as P) - unspecified mg/l	0	0	0	12	0	0	1.22	Pass
Suspended Solids mg/l	0	0	0	12	0	0	4.25	Pass
Total Oxidised Nitrogen (as N) mg/l	35	42	0	12	0	0	7.02	Pass
Total Nitrogen mg/l	0	0	0	11	0	0	8.19	Pass
Ammonia-Total (as N) mg/l	15	18	0	12	0	0	0.14	Pass
pH pH units	0	0	0	12	0	0	7.57	Pass
Faecal coliforms no./100mls	0	0	0	1	0	0	20500	Pass
Total Phosphorus (as P) mg/l	0	0	0	12	0	0	1.29	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 exceedences	Number of with Condition 2 Interpretation included	Annual Mean	Overall Compliance (Pass/Fail)
BOD, 5 days with Inhibition (Carbonaceous BOD) mg/l	25	50	0	12	0	0	1.45	Pass
Suspended Solids mg/l	35	87.5	0	12	0	0	4.25	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

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 Ambient monitoring summary

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.

2.3.1 Ambient Monitoring Report Summary - Stradbally

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	Code	Bathing Water	Drinking Water	FWPM	Shellfish	WFD Status
Upstream	236877, 97176	TPEFF3100D0353SW001	Yes	No	No	No	Good
Downstream	237094, 97053	TPEFF3100D0353SW001	Yes	Yes	No	No	Good

2.3.2 Ambient Monitoring Parameter Summary - Stradbally

The results for ambient results and / or additional monitoring data sets are included in the **Appendix 7.1 - Ambient monitoring summary. Note ambient monitoring was not carried out at downstream station (RS17T010990) in 2018.**

Significance of Results:

The WWTP discharge was compliant with the ELV's set in the wastewater discharge licence.

The ambient monitoring results meet the required EQS.

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.

The EQS assessed relates to the Oxygenation and Nutrient Conditions set out in the Surface Water Regulations 2009, as amended.

3 OPERATIONAL REPORTS SUMMARY

3.1 Treatment Efficiency Report

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:

3.1.1 Treatment Efficiency Report Summary - Stradbally

Parameter	Influent mass loading (kg/year)	Effluent mass emission (kg/year)	Efficiency (% reduction of influent load)	Comment
TP	406.6	221.44	45.54	
SS	47053	727.02	98.45	
COD	36550.83	1986.94	94.56	
cBOD	13315.28	247.49	98.14	

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

3.2 Treatment Capacity Report Summary

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.

Stradbally	
Peak Hydraulic Capacity (m3/day) - As Constructed	1291.95
DWF to the Treatment Plant (m3/day)	430.65

Stradbally	
Current Hydraulic Loading - annual max (m3/day)	1826
Average Hydraulic loading to the Treatment Plant (m3/day)	411
Organic Capacity (PE) - As Constructed	1914
Organic Capacity (PE) - Collected Load (peak week)	556
Organic Capacity (PE) - Remaining	1358
Will the capacity be exceeded in the next three years? (Yes/No)	No

3.3 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 is no Complaint data included in the AER.			

3.4 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.

3.4.1 Summary of Incidents

Incident Type	Cause	No. of incident occurrences	Recurring (Y/N)	Closed (Y/N)
Uncontrolled release	EO caused by power failure	1	No	Yes

3.4.2 Summary of Overall Incidents

Question	Answer
Number of Incidents in 2018	1
Number of Incidents reported to the EPA via EDEN in 2018	1
Explanation of any discrepancies between the two numbers above	

3.5 Sludge / Other inputs to the WWTP

'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)?[3]	Is there a leachate/sludge acceptance procedure for the WWTP?	Is there a dedicated leachate/sludge acceptance facility for the WWTP?[2](Y/N)
There is no Sludge and Other Input data for the Treatment Plant included in the AER.							

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:

No Appendix Included

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 2018 (No. of events)	Total volume discharged in 2018 (m3)	Monitoring Status
TPEFF3100D0353SW004	237043, 97119	Yes	Low	Not yet assessed	Unknown	Unknown	Not Monitored

4.1.2 Inspection Summary Report

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

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)	Licence Schedule	Licence Completion Date	Date Expired? (N/NA/Y)	Status of Works	Timeframe for Completing the Work	Comments
Construct a new WWTP to comply with ELVs specified in Schedule A	C	22/12/2015	Yes	Works Completed		
SW001 Primary Discharge Point Convert to Storm Water overflow	C	22/12/2015	Yes	Works Completed		

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

4.2.2 Improvement Programme Summary

Improvement Identifier	Improvement Description	Improvement Source	Expected Completion Date	Comments
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 (e.g. Appendix X).
Priority Substances Assessment	Yes	2014	No	

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?	
List reason e.g. additional SWO identified	
Is there a need to request/advise the EPA of any modifications to the existing WWDL?	Yes
List reason e.g. changes to monitoring requirements	Agreement on new ambient monitoring location for Primary Discharge required.
Have these processes commenced?	No
Are all outstanding reports and assessments from previous AERs included as an appendix to this AER	No

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

Signed: Date: 09/04/2019

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 ,

Eleanor Roche

Acting Head of Environmental Regulation.

7 APPENDIX

In the appendix include all the detailed or site specific reports that are relevant to the AER. Reports omitted from previous AERs should also be appended here.

Appendix
Appendix 7.1 - Ambient monitoring summary

WaterbodyName	WaterbodyCode	MonitoringStationCode	MonitoringStation	SampleDate	ParameterName	Parameter	Result
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	Alkalinity-total (as CaCO3)	mg/l	37
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	Alkalinity-total (as CaCO3)	mg/l	33
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	Alkalinity-total (as CaCO3)	mg/l	40
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	Alkalinity-total (as CaCO3)	mg/l	32
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	Alkalinity-total (as CaCO3)	mg/l	38
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	Ammonia-Total (as N)	mg/l	0.01
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	Ammonia-Total (as N)	mg/l	0.03
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	Ammonia-Total (as N)	mg/l	0.024
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	Ammonia-Total (as N)	mg/l	0.01
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	Ammonia-Total (as N)	mg/l	0.01
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	BOD - 5 days (Total)	mg/l	0.5
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	BOD - 5 days (Total)	mg/l	1.1
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	BOD - 5 days (Total)	mg/l	0.5
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	BOD - 5 days (Total)	mg/l	1
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	BOD - 5 days (Total)	mg/l	0.5
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	Chloride	mg/l	21.3
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	Chloride	mg/l	19.9
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	Chloride	mg/l	18.9
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	Chloride	mg/l	18.1
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	Chloride	mg/l	15.4
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	Conductivity @25°C	µS/cm	187
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	Conductivity @25°C	µS/cm	167
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	Conductivity @25°C	µS/cm	179
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	Conductivity @25°C	µS/cm	171
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	Conductivity @25°C	µS/cm	142
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	Dissolved Oxygen	% Saturation	100
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	Dissolved Oxygen	mg/l	12
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	Dissolved Oxygen	% Saturation	99
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	Dissolved Oxygen	mg/l	11.4

WaterbodyName	WaterbodyCode	MonitoringStationCode	MonitoringStation	SampleDate	ParameterName	Parameter	Result
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	Dissolved Oxygen	% Saturation	109
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	Dissolved Oxygen	mg/l	10.8
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	Dissolved Oxygen	% Saturation	109
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	Dissolved Oxygen	mg/l	10.9
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	Dissolved Oxygen	% Saturation	102
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	Dissolved Oxygen	mg/l	10.2
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	Nitrate (as N)	mg/l	3.5
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	Nitrate (as N)	mg/l	2.8
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	Nitrate (as N)	mg/l	3
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	Nitrate (as N)	mg/l	1.9
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	Nitrate (as N)	mg/l	1.5
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	Nitrite (as N)	µg/l	
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	Nitrite (as N)	µg/l	5.87
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	Nitrite (as N)	µg/l	2
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	Nitrite (as N)	µg/l	2
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	Nitrite (as N)	µg/l	2
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	ortho-Phosphate (as P) - unspecified	mg/l	0.016
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	ortho-Phosphate (as P) - unspecified	mg/l	0.018
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	ortho-Phosphate (as P) - unspecified	mg/l	0.011
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	ortho-Phosphate (as P) - unspecified	mg/l	0.02
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	ortho-Phosphate (as P) - unspecified	mg/l	0.005
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	pH	pH units	7.7
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	pH	pH units	7.7
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	pH	pH units	8
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	pH	pH units	7.8
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	pH	pH units	7.8
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	Temperature	°C	7.1
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	Temperature	°C	8.6
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	Temperature	°C	15.9

WaterbodyName	WaterbodyCode	MonitoringStationCode	MonitoringStation	SampleDate	ParameterName	Parameter	Result
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	Temperature	°C	15.3
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	Temperature	°C	14.7
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	Total Hardness (as CaCO3)	mg/l	61
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	Total Hardness (as CaCO3)	mg/l	51
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	Total Hardness (as CaCO3)	mg/l	59
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	Total Hardness (as CaCO3)	mg/l	54
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	Total Hardness (as CaCO3)	mg/l	45
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	Total Oxidised Nitrogen (as N)	mg/l	3.5
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	Total Oxidised Nitrogen (as N)	mg/l	2.8
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	Total Oxidised Nitrogen (as N)	mg/l	3
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	Total Oxidised Nitrogen (as N)	mg/l	1.9
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	Total Oxidised Nitrogen (as N)	mg/l	1.5
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	25/01/2018 11:50	True Colour	mg/litre Pt Co	29
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	27/03/2018 12:15	True Colour	mg/litre Pt Co	52
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	29/05/2018 13:00	True Colour	mg/litre Pt Co	23
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	31/07/2018 11:55	True Colour	mg/litre Pt Co	29
TAY_030	IE_SE_17T010400	RS17T010400	Stradbally Br	10/10/2018 13:50	True Colour	mg/litre Pt Co	17