

Annual Environmental Report 2014

Agglomeration Name:	CARRAROE
Licence Register No.	D0388-01



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Section 1. Executive Summary and Introduction to the 2014 AER

1.1 Summary report on 2014

This Annual Environmental Report has been prepared for D0388-01, Carraroe in County Galway in accordance with the requirements of the wastewater discharge licence for the agglomeration.

The current population equivalent of the agglomeration is 1,401. There is no waste water treatment plant (WWTP) serving the Carraroe agglomeration. The primary discharge (SW001) from the primary tank is the outfall of untreated effluent from the agglomeration to Casla Bay.

The Emission Limit Values for the primary discharge commence on 22/12/15

There was no sludge removed from primary tank in 2014

There were no major capital or operational changes undertaken in 2014.

An Annual Statement of Measures is included in **Appendix 7.1.**

Section 2. Monitoring Reports Summary

2.1 Summary report on monthly influent monitoring

Table 2.1 - Influent Monitoring Summary

	cBOD (mg/l)	COD (mg/l)	SS (mg/l)	Hydraulic Loading (m ³ /d)	Organic Loading (PE/day)
Number of Samples	N/A	N/A	N/A	N/A	N/A
Annual Max.	N/A	N/A	N/A	N/A	N/A
Annual Mean	N/A	N/A	N/A	N/A	N/A

Significance of results

Note : Monitoring was only carried out on the discharge from this agglomeration. No flow data was available to calculate loadings.

2.2 Discharges from the agglomeration

Table 2.2 - Effluent Monitoring Summary

	cBOD (mg/l)	COD (mg/l)	TSS (mg/l)				Comment
WWDL ELV (Schedule A)	N/A	N/A	N/A				
ELV with Condition 2 Interpretation included	N/A	N/A	N/A				
Number of sample results	12	11	12				
Number of sample results above WWDL ELV	N/A	N/A	N/A				
Number of sample results above ELV with Condition 2	N/A	N/A	N/A				ELV commencement date is 22/12/15
Annual Mean (for parameters where a mean ELV applies)	N/A	N/A	N/A				
Overall Compliance (Pass/Fail)	N/A	N/A	N/A				ELV commencement date is 22/12/15

Significance of results

Commencement date for ELVs is 22/12/15.

The impact on receiving waters is assessed further in Section 2.3.

2.3 Ambient monitoring summary

Table 2.3 - Ambient Monitoring Report Summary

Ambient Monitoring Point from WWDL (or as agreed with EPA)	<i>Irish Grid Reference</i>	EPA Feature Coding Tool code	Current EQS Status	Does assessment of the ambient monitoring results indicate that the discharge is impacting on water quality?
Coastal	Sea outfall	To be agreed under Condition 4.20	High	No

There was no ambient monitoring carried out for Carraroe agglomeration in 2014.

Significance of results

Commencement date for ELVs is 22/12/15 as detailed in Section 2.2.

The ELV commencement date was not in effect during the 2014 reporting period.

The discharge from the wastewater treatment plant doesn't have an observable negative impact on the water quality status.

2.4 Data collection and reporting requirements under the Urban Waste Water Treatment Directive

The electronic submission of data was completed on: 28th February 2015

2.5 Pollutant Release and Transfer Register (PRTR) - report for previous year

There was no ambient monitoring carried out on Carraroe agglomeration in 2014.

A PRTR is not required for this agglomeration and is not included.

Section 3 Operational Reports Summary

3.1 Treatment Efficiency Report

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

Table 3.1 - Treatment Efficiency Report Summary

	cBOD (kg/yr)	COD (kg/yr)	SS (kg/yr)	Total P (kg/yr)	Total N (kg/yr)	Comment
Influent mass loading (kg/year)						
Effluent mass emission (kg/year)						
% Efficiency (% reduction of influent load)	0%	0%	0%			Same results used for Influent & Effluent (No treatment in place)

3.2 Treatment Capacity Report

Table 3.2 - Treatment Capacity Report Summary

Hydraulic Capacity – Design / As Constructed (dry weather flow) (m3/year)	-
Hydraulic Capacity – Design / As Constructed (peak flow) (m3/year)	-
Hydraulic Capacity – Current loading (m3/year)	115,057*
Hydraulic Capacity – Remaining (m3/year)	-
Organic Capacity - Design / As Constructed (PE)	-
Organic Capacity - Current loading (PE)	n/a
Organic Capacity – Remaining (PE)	-
Will the capacity be exceeded in the next three years? (Yes / No)	N/A (No treatment currently in place)

*Assuming 225 l/pe/day

3.3 Extent of Agglomeration Summary Report

In this section Irish Water is required to report on the amount of urban waste water generated within the agglomeration. It does not include any waste water collected and treated in a private system and discharged to water under a Section 4 Licence issued under the Water Pollution Acts 1977 (as amended):

Table 3.3 - Extent of Agglomeration Summary Report

	% of p.e. load generated in the agglomeration
Load generated in the agglomeration that is collected in the sewer network	100%
Load collected in the agglomeration that enters treatment plant	0%
Load collected in the sewer network but discharged without treatment	100%

Load generated in the agglomeration that is collected in the sewer network is the total load generated and collected in the municipal network within the boundary of the agglomeration.

Load collected in the agglomerations that enters treatment plant is that portion of the previous figure which enters the waste water treatment plant

Load collected but discharged without treatment is that portion of the first figure which is discharged without treatment.

The data in Table 3.3 above is based on influent monitoring as detailed in Section 2.1 above.

3.4 Complaints Summary

A summary of complaints of an environmental nature is included below. All four complaints are from the same complainant.

Table 3.4 - Complaints Summary Table:

Number	Date & Time	Nature of Complaint	Cause of Complaint	Actions taken to resolve issue	Closed (Y/N)
1	08/07/2014	Sewage seeping up on tarmac and gets worse in the evening	Sewage blockage	Upon investigation was found to be an unauthorized connection. Appears to be related to a discharge from a private estate. Irish Water referred the issue to the Estate Management Company	Yes
2	13/08/2014	Sewage seeping on to road on main street in front of shop	Sewage blockage	Upon investigation was found to be an unauthorized connection. Appears to be related to a discharge from a private estate. Irish Water referred the issue to the Estate Management Company	Yes
3	15/10/2014	Sewage seeping on to road on main street in front of shop	Sewage blockage	Upon investigation was found to be an unauthorized connection. Appears to be related to a discharge	Yes

				from a private estate. Irish Water referred the issue to the Estate Management Company	
4	30/12/2014	Raw sewerage backing up from the mains sewerage line for the last week. this has happened 3 months ago and the council were out to fix it. she contacted the council and they told her that this is irish waters issue. at the moment there is raw sewerage backing up. she would like this looked at asap	Sewage blockage	Upon investigation was found to be an unauthorized connection. Appears to be related to a discharge from a private estate. Irish Water referred the issue to the Estate Management Company	Yes

3.5 Reported Incidents Summary

A summary of reported incidents is included below.

Table 3.5.1 - Summary of Incidents

Incident Type (e.g. Non-compliance, Emission, spillage, Emergency Overflow Activation)	Incident Description	Cause	No. of incidents	Corrective Action	Authorities Contacted <small>Note 1</small>	Reported to EPA (Yes/No)	Closed (Y/N)
None	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Note 1: For shellfish waters notify the Marine Institute (MI) Sea Fisheries Protection Authority (SFPA) Food Safety Authority (FSAI) and An Bord Iascaigh Mhara (BIM). This should also include any other authorities that should be contacted arising from the findings of any Licence Specific Reports also e.g. Drinking Water Abstraction Impact Risk Assessment, Fresh Water Pearl Mussel Impact Assessments etc.

Table 3.5.2 - Summary of Overall Incidents

Number of Incidents in 2014	None
Number of Incidents reported to the EPA via EDEN in 2014	None
Explanation of any discrepancies between the two numbers above	N/A

3.6 Sludge / Other inputs to the WWTP

'Other inputs' to the waste water treatment plant are summarised in Table 3.6 below.

Table 3.6 - Other Inputs

Input type	m3/year	PE/year	% of load to WWTP	Is there a leachate/sludge acceptance procedure for the WWTP? (Y/N)	Is there a dedicated leachate/sludge acceptance facility for the WWTP? (Y/N)
Domestic /Septic Tank Sludge	0	N/A	N/A	N/A	N/A
Industrial / Commercial Sludge	0	N/A	N/A	N/A	N/A
Landfill Leachate (delivered by tanker)	0	N/A	N/A	N/A	N/A
Landfill Leachate (delivered by sewer network)	0	N/A	N/A	N/A	N/A
Other (specify)	0	N/A	N/A	N/A	N/A

Notes:

1. Other Inputs include; septic tank sludge, industrial /commercial sludge, landfill leachate and any other sludge that is collected and added to the treatment plant.
2. Sludge that is added to a dedicated sludge reception facility at a waste water treatment plant not included in Table 3.6. Only include sludge which is added to the waste water treatment process stream. Enter zero where there are no inputs

Section 4. Infrastructural Assessments and Programme of Improvements

4.1 Storm water overflow identification and inspection report

There is no storm water overflow associated with this agglomeration.

Table 4.1.1 - SWO Identification and Inspection Summary Report

WWDL Name / Code for Storm Water Overflow	Irish Grid Ref.	Included in Schedule A4 of the WWDL	Significance of the overflow (High / Medium / Low)	Compliance with DoEHLG Criteria	No. of times activated in 2014 (No. of events)	Total volume discharged in 2014 (m3)	Total volume discharged in 2014 (P.E.)	Estimated /Measured data
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 4.1.2 - SWO Identification and Inspection Summary Report

How much sewage was discharged via SWOs in the agglomeration in the year (m3/yr)?	N/A
How much sewage was discharged via SWOs in the agglomeration in the year (p.e.)?	N/A
What % of the total volume of sewage generated in the agglomeration was discharged via SWOs in the agglomeration in 2014?	N/A
Is each SWO identified as non-compliant with DoEHLG Guidance included in the Programme of Improvements?	N/A
The SWO assessment includes the requirements of Schedule A3 & C3	N/A
Have the EPA been advised of any additional SWOs / changes to Schedule C3 and A4 under Condition 1.7?	N/A

4.2 Report on progress made and proposals being developed to meet the improvement programme requirements.

This is the first AER for this agglomeration – an Improvement Programme will be included in the 2nd AER as required.

Table 4.2.1 - Specified Improvement Programme Summary

Specified Improvement Programmes (under Schedule A and C of WWDL)	Licence Schedule (A or C)	Licence Completion Date	Date Expired? (N/NA/Y)	Status of Works ((i) Not Started; (ii) At planning stage; (iii) Work ongoing on-site; (iv) Commissioning Phase; (v) Completed; (vi) Delayed;)	% Construction Work Completed	Timeframe for Completing the Work	Comments
1	C:1	22/12/15	N	Not started	0	Estimated to begin construction in 2017	IW are reviewing options for treatment and disposal of wastewater from this agglomeration; Concept Design Report to be prepared in 2015.

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

Table 4.2.2 - Improvement Programme Summary

Improvement Identifier	Improvement Description	Improvement Source	Progress (% completed)	Expected Completion Date	Comments
	N/A	WWTP assessment (Condition 5.2).	N/A	N/A	To be provided in 2 nd AER
	N/A	Sewer Integrity Tool (Condition 5.2).	N/A	N/A	To be provided in 2 nd AER
	N/A	Secondary discharges assessment (Condition 5.2).	N/A	N/A	
	N/A	SWO assessment (Condition 4 & 5.2).	N/A	N/A	To be provided in 2 nd AER

	N/A	<i>Drinking Water Abstraction Risk Assessment (Condition 4)</i>	N/A	N/A	
	N/A	<i>Shellfish Impact Risk Assessment (Condition 5)</i>	N/A	N/A	
	N/A	<i>Pearl Mussel Impact Assessment (Condition 4)</i>	N/A	N/A	
	N/A	<i>Improved Operational Control</i>	N/A	N/A	To be provided in 2 nd AER
	N/A	<i>Incident Reduction</i>	N/A	N/A	To be provided in 2 nd AER
	N/A	<i>Elimination/Reduction of Priority Substances</i>	N/A	N/A	To be provided in 2 nd AER

Improvements identified above also include measures taken to prevent environmental damage anticipated following events or accidents/incidents associated with discharges or overflows from the waste water works and as such are considered to fulfil any Statement of Measures requirements. Refer also to Appendix 7.1 which summarises the Annual Statement of Measures.

Table 4.2.3 - Sewer Integrity Risk Assessment Tool Summary

Report not required until second AER

The Improvement Programme should include an assessment of the integrity of the existing wastewater works for the following:	Risk Assessment Rating (High, Medium, Low)	Risk Assessment Score	Comment
Hydraulic Risk Assessment Score	N/A	N/A	To be provided in 2 nd AER
Environmental Risk Assessment Score	N/A	N/A	
Structural Risk Assessment Score	N/A	N/A	
Operation & Maintenance Risk Assessment Score	N/A	N/A	
Overall Risk Score for the agglomeration	N/A	N/A	

Section 5. Licence Specific Reports

Licence Specific Reports Summary Table

Licence Specific Report	Required in 2014 AER or outstanding from previous AER	Included in 2014 AER	Reference to relevant section of AER (e.g. Appendix 2 Section 4).
Priority Substances Assessment	Yes	No	Report to be submitted later as an outstanding report
Drinking Water Abstraction Point Risk Assessment	No		
Habitats Impact Assessment	No		
Shellfish Impact Assessment	No		
Pearl Mussel Report	No		
Toxicity/Leachate Management	No		
Toxicity of Final Effluent Report	No		

Licence Specific Reports Summary of Findings

Licence Specific Report	Recommendations in Report	Summary of Recommendations in Report
Priority Substances Assessment	No	Report to be submitted later as an outstanding report
Drinking Water Abstraction Point Risk Assessment	N/A	
Habitats Impact Assessment	N/A	
Shellfish Impact Assessment	N/A	
Pearl Mussel Report	N/A	
Toxicity/Leachate Management	N/A	
Toxicity of Final Effluent Report	N/A	

5.1 Priority Substances Assessment

The Priority Substances Assessment report is not included in this AER but will be submitted at a later date as an outstanding report.

Table 5.1 - Priority Substance Assessment Summary

	<i>Licensee self- assessment checks to determine whether all relevant information is included in the Assessment.</i>
Does the assessment use the Desk Top Study Method or Screening Analysis to determine if the discharge contains the parameters in Appendix 1 of the EPA guidance	Not complete. This report will be submitted later in 2015 as an outstanding report.
Does the assessment include a review of Trade inputs to the works?	N/A
Does the assessment include a review of other inputs to the works?	N/A
Does the report include an assessment of the significance of the results where a listed material is present in the discharge? (e.g. impact on the relevant EQS standard for the receiving water)	N/A
Does the assessment identify that priority substances may be impacting the receiving water?	N/A
Does the Improvement Programme for the agglomeration include the elimination / reduction of all priority substances identified as having an impact on receiving water quality?	N/A

5.2 Drinking Water Abstraction Point Risk Assessment.

The Drinking Water Abstraction Point Risk Assessment report is not required in this AER

Table 5.2 - Drinking Water Abstraction Point Risk Assessment Summary

	<i>Licensee self- assessment checks to determine whether all relevant information is included in the Assessment.</i>
Is a Drinking Water Abstraction Risk Assessment required in the 2014 AER (or outstanding from a previous AER)	No
Does the Drinking Water Abstraction Risk Assessment identify whether any of the discharges in Schedule A of the licence pose a risk to a drinking water abstraction	N/A
Does the assessment identify if any other discharge(s) from the works pose a risk to a drinking water abstraction (includes emergency overflows)	N/A
What is the overall risk ranking applied by the licensee	N/A

Does the risk assessment consider the impacts of normal operation	N/A
Does the risk assessment consider the impacts of abnormal operation (e.g. incidents /overflows)	N/A
Does the risk assessment include control measures for each risk identified	N/A
Does the risk assessment consider operational control measures e.g? waste water incident notification to drinking water abstraction operator	N/A
Does the risk assessment include infrastructural control measures	N/A
Does the Improvement Programme for the agglomeration include control measures / corrective actions to eliminate / reduce priority substances identified as having an impact on receiving water quality?	N/A

A copy of the detailed assessment should be included as an appendix to the AER. Where relevant, findings from this assessment should be considered under the Programme of Improvements required under Condition 5.

5.3 Shellfish Impact Assessment Report.

The Shellfish Impact Assessment Report is not required in this report.

Table 5.3 - Preferred format for Shellfish Impact Assessment Summary

Is a Shellfish Impact assessment required in the 2014 AER (or outstanding from a previous AER)?	No
List prescribed organisations consulted when preparing the assessment (BIM, SFPA, MI)	N/A
Does the assessment consider the impact of all discharges from the works?	N/A
Does the assessment identify that any of the discharges from the works are impacting on the microbiological quality of the shellfish?	N/A
Does the assessment recommend that there is a requirement to install UV/other disinfection equipment on any of the discharges?	N/A
Provide details on disinfection system to be employed	N/A
Has this been completed?	N/A
If not yet complete what is the expected date for completion?	N/A
Where disinfection is required, is there a programme in place to demonstrate the efficiency of any disinfection system in place?	N/A
What is the demonstrated efficiency of the disinfection system?	N/A
Is there a shellfish monitoring programme in place?	N/A
Does the shellfish or shellfish water monitoring programme include results generated by other organisations	N/A
List organisations contributing data to the assessment	N/A
Does the Improvement Programme for the agglomeration include the findings and recommendations of the shellfish impact risk assessment?	N/A

A copy of the detailed assessment should be included as an appendix to the AER. Where relevant, findings from this assessment should be considered under the Programme of Improvements required under Condition 5.

5.4 Toxicity / Leachate Management

The Toxicity / Leachate Management Assessment report is no required in this AER

Table 5.4 - Toxicity / Leachate Management Report Summary

Is a Toxicity / Leachate Management Report required in the 2014 AER (or outstanding from previous AER)	No
What % of the total influent for the year is leachate?	N/A
Does leachate addition exceed 4% ((volume) of the influent load at any time?	N/A
Maximum leachate loading rate	N/A
Does the leachate study identify any constituents of the material that present an environmental risk?	N/A
List leachate constituent identified and impact <i>(insert a row for each constituent)</i>	N/A
Has the WWTP suitability to treat the leachate been assessed?	N/A
What are the results of the assessment (Suitable / Not Suitable / Suitable subject to improvement programme works completion)	N/A
Has the study identified the max and operational loadings (mass, volume and rate of addition) for leachate to the WWTP?	N/A
Is there a monitoring programme for the priority substances identified above?	N/A
Have trigger and action levels for the concentration of identified leachate constituents been established to prevent impact on the receiving water?	N/A
Does the Improvement Programme for the agglomeration include any procedural and/or infrastructural works to reduce the impacts of leachate acceptance on the operation of the wwtp?	N/A

5.5 Toxicity of the Final Effluent Report

The Toxicity / Leachate Management Assessment report is not required in this AER

Table 5.5 - Toxicity of the Final Effluent Assessment Summary

Is a Toxicity report required? (Condition 4)	No
Has the study been carried out against 4 species in 3 trophic levels?	N/A
Does the report identify that the discharge is toxic to any of the species in the study?	N/A
List species impacted	N/A
Does the Improvement Programme for the agglomeration include any procedural and/or infrastructural works to reduce the toxicity of the final discharge?	N/A

5.6 Pearl Mussel Measures Report

A sub-basin management plan in relation to Pearl Mussels is not required in this AER

Table 5.6 - Pearl Mussel Measure Report Summary

Is a progress report on implementation of the findings of Pearl Mussel Protection Measures report required in the 2014 AER (or outstanding from previous AER)	No
Is there a Pearl Mussel Protection Measures Report for the receiving water body?	N/A
Include hyperlink to internet location of report	N/A
Does this report identify measures relevant to discharges from the waste water works as having a potential impact on the Pearl Mussel habitat?	N/A
List measures relevant to discharges from the waste water works	N/A
Does the Improvement Programme for the agglomeration include any procedural and/or infrastructural works to reduce the impacts of discharge on pearl mussel habitat / populations?	N/A
List Condition 5 Improvement Programme reference	N/A

5.7 Habitats Impact Assessment Report

The Habitats Impact Assessment Report is required with this AER

Table 5.7 - Habitats Impact Assessment Summary

	<i>Licensee self- assessment checks to determine whether all relevant information is included in the Assessment.</i>
Is a Habitats Assessment required in the 2014 AER (includes outstanding assessments from previous years)?	No
Was the scope of the study agreed in advance with NPWS	N/A
Does the report include a Stage 1 screening assessment?	N/A
Does the screening identify that discharges are causing an impact on listed sites?	N/A
Does the report require a Stage 2 Appropriate assessment?	N/A
Does the report identify any European Sites (e.g. SPA, SAC, NHA) that discharges from the works could have an impact on?	N/A
List European sites identified (insert a line for each site identified)	N/A
Does the report include mitigation measures for each identified impact?	N/A
Does each measure explain how the adverse impact will be avoided/reduced?	N/A
Does the Improvement Programme for the agglomeration include any procedural and/or infrastructural works to reduce the impacts of discharges on the a listed site (NHA, SAC, SPA)?	N/A

Section 6. Certification and Sign Off

Table 6.1 - Summary of AER Contents

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 (<i>insert lines as required</i>)	N/A
Is there a need to request/advise the EPA of any modifications to the existing WWDL? Refer to Condition 1.7 (changes to works/discharges) & Condition 4 (changes to monitoring location, frequency etc.)	N/A
List reason e.g. failure to complete specified works within dates specified in the licence, changes to monitoring requirements (<i>insert lines as required</i>)	N/A
Have these processes commenced? (i.e. Request for Technical Amendment / Licence Review / Change Request)	N/A
Are all outstanding reports and assessments from previous AERs included as an appendix to this AER?	N/A
List outstanding reports (<i>insert lines as required</i>)	Summary report on priority substances/Risk based approach

Declaration by Irish Water

The AER contains the following;

- Introduction and background to 2014 AER
- Monitoring reports summary.
- Operational reports summary.
- Infrastructural Assessment and Programme of Improvements.
- Licence specific reports.
- Certification and Sign Off
- Appendices

I certify that to the best of my knowledge the information given in this Annual Environmental Report is truthful, accurate and complete:

Signed:



Date: 22/07/2015

Gerry Galvin
Chief Technical Advisor

Section 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 7.1 - Annual Statement of Measures

Appendix 7.2 - Effluent monitoring summary

Appendix 7.3 -Complaints summary

Appendix 7.4 –Reported incidents register

Appendix 7.5 - Priority substances assessment

APPENDIX 7.1

Carraroe

There is currently no Wastewater Treatment Plant in the Carraroe Agglomeration and all discharges enter Galway Bay without treatment.

Carraroe is not included as a project in the Irish Water Capital Investment Plan 2014-2016. Irish Water is reviewing options for treatment and disposal of wastewater from this agglomeration; consultants are to be appointed to prepare a Concept Design Report in 2015, with the improvement programme being considered by Irish Water to assess the works required to comply with the licence condition on a prioritised basis.

APPENDIX 7.2

EFFLUENT MONITORING

EFFLUENT MONITORING

Effluent Monitoring Data for Carraroe WWTP for 2014:

Parameters	22/01/2014	12/02/2014	11/03/2014	23/04/2014	15/05/2014	17/06/2014
BOD(mg/l BOD)	<2	<2	<2	<2	<2	8
COD(mg/l COD)	65	58	29	78	78	85
SS (mg/l SS)	45	45	8	37	34	14
Parameters	15/07/2014	13/08/2014	10/09/2014	09/10/2014	11/11/2014	05/12/2014
BOD(mg/l BOD)	231	534	443	86	14	<2
COD(mg/l COD)	483	1036	1026	203	108	
SS (mg/l SS)	120	358	449	82	22	47

APPENDIX 7.3

COMPLAINTS REGISTER

COMPLAINTS REGISTER

Summary of complaints received to the Carraroe agglomeration for 2014:

NUMBER:	DATE:	NATURE OF COMPLAINT:	CAUSE OF COMPLAINT:	ACTIONS TAKEN TO RESOLVE ISSUE:	CLOSED (Y/N):
1	8 th July 2014	Sewage seeping up on tarmac and gets worse in the evening	Sewage blockage	Upon investigation was found to be an unauthorized connection. Appears to be related to a discharge from a private estate. Irish Water referred the issue to the Estate Management Company	Yes
2	13 th August 2014	Sewage seeping on to road on main street in front of shop	Sewage blockage	Upon investigation was found to be an unauthorized connection. Appears to be related to a discharge from a private estate. Irish Water referred the issue to the Estate Management Company	Yes
3	15 th October 2014	Sewage seeping on to road on main street in front of shop	Sewage blockage	Upon investigation was found to be an unauthorized connection. Appears to be related to a discharge from a private estate. Irish Water referred the issue to the Estate Management Company	Yes
4	30 th December 2014	raw sewerage backing up from the mains	Sewage blockage	Upon investigation was found to be an unauthorized connection. Appears to	Yes

		<p>sewerage line for the last week. this has happened 3 months ago and the council were out to fix it. she contacted the council and they told her that this is irish waters issue. at the moment there is raw sewerage backing up. she would like this looked at asap”</p>		<p>be related to a discharge from a private estate. Irish Water referred the issue to the Estate Management Company</p>	
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APPENDIX 7.4

REPORTED INCIDENTS SUMMARY

There were no reported incidents with Carraroe agglomeration for 2014

APPENDIX 7.5

Priority Substances Assessment

A risk based assessment report on priority substances will be carried out and submitted at a later date.