

# Athboy Waste Water Works



## Annual Environmental Report

For

**EPA Waste Water Discharge Licence D0124-01**

**01/01/2011 to 31/12/2011**

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# **SECTION 1:**

## **INTRODUCTION & BACKGROUND**

## **SECTION 1.1: EXECUTIVE SUMMARY.**

### **Introduction:**

The Waste Water Treatment Plant (WwTP) at Athboy was commissioned in 2010 and is now operated and maintained by EPS as part of a 20 year DBO (design build, operate) contract. The waste water treatment plant was built to serve the agglomeration of Athboy, Rathcairn and their Environs and the facility is licensed for a p.e of 5,800.

The following Annual Environmental Report (AER) has been prepared as per Condition 6.10 of Meath County Council's Discharge Licence D0124-01 and includes all information requested under schedule D of this licence.

### **Plant Details:**

The treatment process at Athboy WwTP includes screening & degritting, anoxic & aerobic treatments, phosphorus removal, sludge dewatering and storm tanks. The primary discharge from the WwTP is to the Athboy River.

### **Compliance Issues:**

There were no compliance issues during the reporting period 01/01/11 to 31/12/11.

### **Complaints Received:**

There were no complaints received during the reporting period 01/01/11 to 31/12/11.

### **Projected Completed:**

There were no significant improvements works or project carried out at the Treatment Works during the reporting period 01/01/11 to 31/12/11.

## **SECTION 2:**

### **MONITORING REPORTS SUMMARY.**

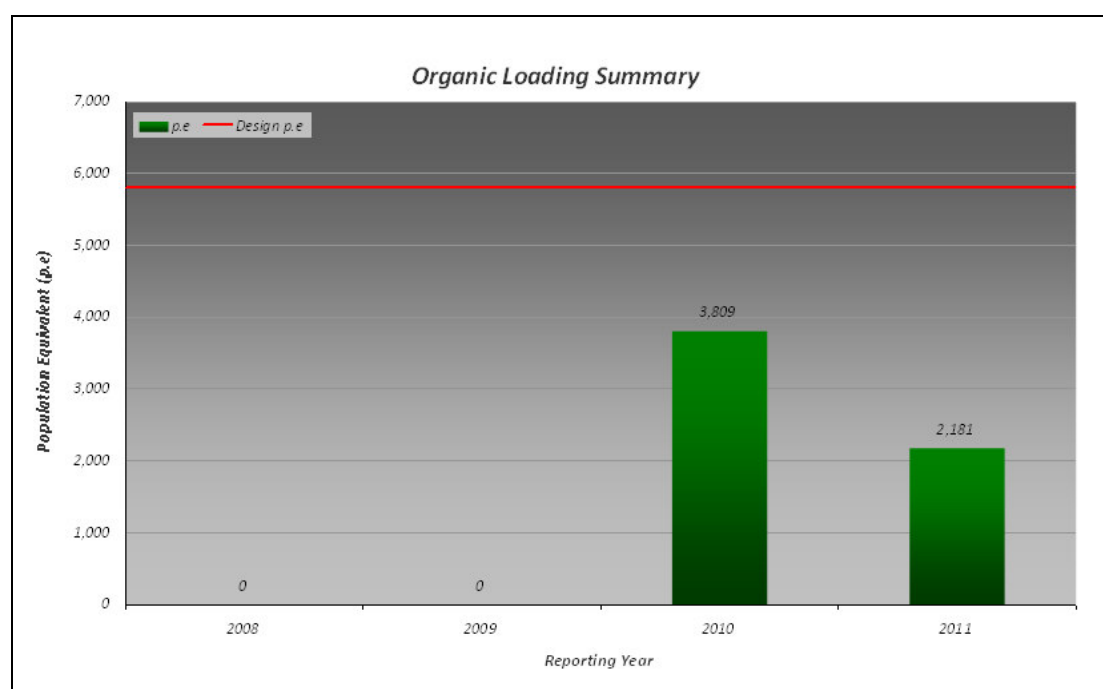
## Section 2.1: Summary Report on Monthly Influent Monitoring.

*Influent Results Table:*

	Influent Results (mg/l)					Hydraulic Loading (m <sup>3</sup> /d)	Organic Loading (p.e/d)
	BOD	COD	TSS	TP	TN		
No. Samples	12	12	12	12	12		
Max. Result	337	1419	1005	11	71	2,195	-
Avg. Result	151	628	272	6	38	867	2,181

### *Summary of Results:*

As can be seen from the 'Influent Results Table' and the 'Organic Loading Summary' chart below Athboy WwTP continues to operate well within its design capacity of 5,800 p.e. Although the average p.e in 2011 is significantly lower than that recorded in 2010 it is expected that this is due to the number of influent composite samples taken during periods of extreme rainfall. This resulted in significantly lower BOD results and hence a lower calculated organic loading on the plant.



**Section 2.2: Discharges from the Agglomeration Report.**

Parameter:	Flow	BOD	COD	TSS	TN	NH4	TP	OP	N03	N02	TON	BOD	TP
Units:	m <sup>3</sup> /d	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	kg/d	kg/d	kg/d
Average Results for 2011	867	2	17	4	N/A	0.2	0.2	0.2	N/A	N/A	N/A	N/A	N/A
WWDL ELV	N/A	20	125	35	N/A	1.1	1.0	0.6	N/A	N/A	N/A	N/A	N/A
ELV (Condition 2)	N/A	40	250	88	N/A	1.3	1.2	0.7	N/A	N/A	N/A	N/A	N/A
Annual Mean ELV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
No. of Results	N/A	12	12	12	N/A	12	12	12	N/A	N/A	N/A	N/A	N/A
WWDL ELV Exceedances	N/A	0	0	0	N/A	0	0	0	N/A	N/A	N/A	N/A	N/A
ELV (Condition 2) Exceedances	N/A	0	0	0	N/A	0	0	0	N/A	N/A	N/A	N/A	N/A
Annual Mean Exceedances	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Allowable Exceedances	N/A	2	2	2	N/A	2	2	2	N/A	N/A	N/A	N/A	N/A
Overall Compliance	N/A	Pass	Pass	Pass	N/A	Pass	Pass	Pass	N/A	N/A	N/A	N/A	N/A

***Section 2.3: Ambient Monitoring Summary Report.***

A summary of the ambient monitoring results will follow this Annual Environmental Report. The summary will include an interpretation of the results against any receiving water EQS's and an assessment of the discharges on the receiving water.



***Section 2.4: Data Collection and Reporting Requirements under the Urban Waste Water Treatment Directive***

The Environmental Section of Meath County Council is responsible for all the data collection and reporting requirement under the Urban Waste Water Treatment Directive. All results have been submitted via EDEN and the Online Urban Waste Water System.

# Section 2.5: Pollutant Release and Transfer Register (PRTR) Report 2011

Sheet : Facility ID Activities

AER Returns Workbook

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Environmental Protection Agency

| PRTR# : D0124 | Facility Name : Athboy Waste Water Treatment Plant | Filename : D0124\_2011.xls | Return Year : 2011 |

[Guidance to completing the PRTR workbook](#)

## AER Returns Workbook

Version 1.1.13

<b>REFERENCE YEAR</b>	2011
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### 1. FACILITY IDENTIFICATION

Parent Company Name	Meath County Council
Facility Name	Athboy Waste Water Treatment Plant
PRTR Identification Number	D0124
Licence Number	D0124-01

Waste or IPPC Classes of Activity

No.	class_name
30.4	General

Address 1	County Hall
Address 2	Railway Street
Address 3	Navan
Address 4	County Meath
	Meath
Country	Ireland
Coordinates of Location	-6.91101 53.6179
River Basin District	IEEA
NACE Code	3700
Main Economic Activity	Sewerage
<b>AER Returns Contact Name</b>	Enda Collins
<b>AER Returns Contact Email Address</b>	aerreporing@meathcoco.ie
<b>AER Returns Contact Position</b>	A/O&M Manager
<b>AER Returns Contact Telephone Number</b>	046-9097188
<b>AER Returns Contact Mobile Phone Number</b>	087-2296638
<b>AER Returns Contact Fax Number</b>	
<b>Production Volume</b>	0.0
<b>Production Volume Units</b>	
<b>Number of Installations</b>	0
<b>Number of Operating Hours in Year</b>	0
<b>Number of Employees</b>	0
<b>User Feedback/Comments</b>	
<b>Web Address</b>	

### 2. PRTR CLASS ACTIVITIES

<b>Activity Number</b>	<b>Activity Name</b>
5(f)	Urban waste-water treatment plants

### 3. SOLVENTS REGULATIONS (S.I. No. 543 of 2002)

Is it applicable?	
Have you been granted an exemption ?	
If applicable which activity class applies (as per Schedule 2 of the regulations) ?	
Is the reduction scheme compliance route being used ?	

## 4.1 RELEASES TO AIR

[Link to previous years emissions data](#)

| PRTR# : D0124 | Facility Name : Athboy Waste Water Treatment Plant | Filename : D0124\_2011.xls | Return Year : 2011 |

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## SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs				
POLLUTANT		METHOD			QUANTITY				
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
			Method Code	Designation or Description					
01	Methane (CH4)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	
02	Carbon monoxide (CO)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	
03	Carbon dioxide (CO2)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	24444.6	0.0	24444.6	
05	Nitrous oxide (N2O)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.2	0.0	0.2	
07	Non-methane volatile organic compounds (NMVOC)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	
08	Nitrogen oxides (NOx/NO2)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	
11	Sulphur oxides (SOx/SO2)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

## SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT		METHOD			QUANTITY			
No. Annex II	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
					0.0	0.0	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

## SECTION C : REMAINING POLLUTANT EMISSIONS (As required in your Licence)

RELEASES TO AIR					Please enter all quantities in this section in KGs			
POLLUTANT			METHOD		QUANTITY			
Pollutant No.	Name	M/C/E	Method Used		Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
			Method Code	Designation or Description				
					0.0	0.0	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

## Additional Data Requested from Landfill operators

For the purposes of the National Inventory on Greenhouse Gases, landfill operators are requested to provide summary data on landfill gas (Methane) flared or utilised on their facilities to accompany the figures for total methane generated. Operators should only report their Net methane (CH4) emission to the environment under T (total) KG/yr for Section A: Sector specific PRTR pollutants above. Please complete the table below:

## Landfill:

Athboy Waste Water Treatment Plant

## Please enter summary data on the

quantities of methane flared and / or utilised

Quantities of methane flared and / or utilised	T (Total) kg/Year	M/C/E	Method Code	Designation or Description	Facility Total Capacity m3 per hour	
Total estimated methane generation (as per site model)						
Methane flared	0.0				N/A	0.0 (Total Flaring Capacity)
Methane utilised in engine/s	0.0					0.0 (Total Utilising Capacity)
Net methane emission (as reported in Section A above)	0.0				N/A	

## 4.2 RELEASES TO WATERS

[Link to previous years emissions data](#)

| PRTR# : D0124 | Facility Name : Athboy Waste Water Treatment Plant | Filename : D0124\_2011.xls | Return Year : 2011 |

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## SECTION A : SECTOR SPECIFIC PRTR POLLUTANTS

Data on ambient monitoring of storm/surface water or groundwater, conducted as part of your licence requirements, should NOT be submitted under AER / PRTR Reporting as this

RELEASES TO WATERS					Please enter all quantities in this section in KGs				
POLLUTANT		Method Used			QUANTITY				
No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year	
44	1,2,3,4,5,6-hexachlorocyclohexane(HCH)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.001	0.001	0.0	0.0	
34	1,2-dichloroethane (EDC)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.016	0.018	0.0	0.002	
25	Alachlor	E	ESTIMATE	EPA UWWTP Tool v4.0	0.003	0.003	0.0	0.0	
61	Anthracene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.003	0.003	0.0	0.0	
17	Arsenic and compounds (as As)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.316	0.348	0.0	0.032	
27	Atrazine	E	ESTIMATE	EPA UWWTP Tool v4.0	0.02	0.022	0.0	0.002	
91	Benzo(g,h,i)perylene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.001	0.001	0.0	0.0	
18	Cadmium and compounds (as Cd)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.017	0.019	0.0	0.002	
28	Chlordane	E	ESTIMATE	EPA UWWTP Tool v4.0	0.001	0.001	0.0	0.0	
30	Chlorfenvinphos	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	
79	Chlorides (as Cl)	E	ESTIMATE	EPA UWWTP Tool v4.0	78721.0	86591.0	0.0	7870.0	
31	Chloro-alkanes, C10-C13	E	ESTIMATE	EPA UWWTP Tool v4.0	0.066	0.073	0.0	0.007	
19	Chromium and compounds (as Cr)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.117	0.129	0.0	0.012	
20	Copper and compounds (as Cu)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.561	0.617	0.0	0.056	
82	Cyanides (as total CN)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.553	0.608	0.0	0.055	
33	DDT	E	ESTIMATE	EPA UWWTP Tool v4.0	0.003	0.003	0.0	0.0	
70	Di-(2-ethyl hexyl) phthalate (DEHP)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.396	0.436	0.0	0.04	
36	Dieldrin	E	ESTIMATE	EPA UWWTP Tool v4.0	0.066	0.073	0.0	0.007	
37	Diuron	E	ESTIMATE	EPA UWWTP Tool v4.0	0.03	0.033	0.0	0.003	
38	Endosulphan	E	ESTIMATE	EPA UWWTP Tool v4.0	0.002	0.002	0.0	0.0	
65	Ethyl benzene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.025	0.028	0.0	0.003	
88	Fluoranthene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.004	0.004	0.0	0.0	
83	Fluorides (as total F)	E	ESTIMATE	EPA UWWTP Tool v4.0	110.65	121.71	0.0	11.06	
40	Halogenated organic compounds (as AOX)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.755	0.83	0.0	0.075	
42	Hexachlorobenzene (HCB)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	
43	Hexachlorobutadiene (HCBd)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	
89	Isodrin	E	ESTIMATE	EPA UWWTP Tool v4.0	0.019	0.021	0.0	0.002	
23	Lead and compounds (as Pb)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.315	0.346	0.0	0.031	
45	Lindane	E	ESTIMATE	EPA UWWTP Tool v4.0	0.001	0.001	0.0	0.0	
21	Mercury and compounds (as Hg)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.021	0.023	0.0	0.002	
68	Naphthalene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.145	0.159	0.0	0.014	
22	Nickel and compounds (as Ni)	E	ESTIMATE	EPA UWWTP Tool v4.0	2.453	2.698	0.0	0.245	
64	Nonylphenol and Nonylphenol ethoxylates (NP/NPEs)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.021	0.023	0.0	0.002	
69	Organotin compounds (as total Sn)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.003	0.003	0.0	0.0	
48	Pentachlorobenzene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.0	0.0	0.0	0.0	
71	Phenols (as total C)	E	ESTIMATE	EPA UWWTP Tool v4.0	3.909	4.3	0.0	0.391	
50	Polychlorinated biphenyls (PCBs)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.003	0.003	0.0	0.0	
72	Polycyclic aromatic hydrocarbons (PAHs)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.255	0.281	0.0	0.026	
52	Tetrachloroethylene (PER)	E	ESTIMATE	EPA UWWTP Tool v4.0	0.142	0.156	0.0	0.014	
73	Toluene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.037	0.041	0.0	0.004	
12	Total nitrogen	E	ESTIMATE	EPA UWWTP Tool v4.0	1935.76	2354.41	0.0	418.65	
76	Total organic carbon (TOC) (as total C or COD/3)	E	ESTIMATE	EPA UWWTP Tool v4.0	10894.5	11983.7	0.0	1089.2	
13	Total phosphorus	E	ESTIMATE	EPA UWWTP Tool v4.0	745.81	858.67	0.0	112.86	
57	Trichloroethylene	E	ESTIMATE	EPA UWWTP Tool v4.0	0.024	0.026	0.0	0.002	
77	Trifluralin	E	ESTIMATE	EPA UWWTP Tool v4.0	0.001	0.001	0.0	0.0	
75	Triphenyltin and compounds	E	ESTIMATE	EPA UWWTP Tool v4.0	0.001	0.001	0.0	0.0	
60	Vinyl chloride	E	ESTIMATE	EPA UWWTP Tool v4.0	0.016	0.018	0.0	0.002	
78	Xylenes	E	ESTIMATE	EPA UWWTP Tool v4.0	0.089	0.098	0.0	0.009	
24	Zinc and compounds (as Zn)	E	ESTIMATE	EPA UWWTP Tool v4.0	11.259	12.385	0.0	1.126	

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

## SECTION B : REMAINING PRTR POLLUTANTS

RELEASES TO WATERS					Please enter all quantities in this section in KGs				
POLLUTANT		Method Used			QUANTITY				

No. Annex II	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
					0.0	0.0	0.0	0.0

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

#### SECTION C : REMAINING POLLUTANT EMISSIONS (as required in your Licence)

RELEASES TO WATERS					Please enter all quantities in this section in KGs			
POLLUTANT		Method Used			QUANTITY			
Pollutant No.	Name	M/C/E	Method Code	Designation or Description	Emission Point 1	T (Total) KG/Year	A (Accidental) KG/Year	F (Fugitive) KG/Year
238	Ammonia (as N)	M	OTH	(enter method)	0.0	761.38	0.0	761.38
303	BOD	M	OTH	(enter method)	0.0	7409.08	0.0	7409.08
306	COD	M	OTH	(enter method)	0.0	15992.86	0.0	15992.86
362	Kjeldahl Nitrogen	M	OTH	(enter method)	0.0	1281.44	0.0	1281.44
327	Nitrate (as N)	M	OTH	(enter method)	0.0	1281.44	0.0	1281.44
372	Nitrite (as N)	M	OTH	(enter method)	0.0	12.27	0.0	12.27
332	Ortho-phosphate (as PO4)	M	OTH	(enter method)	0.0	108.97	0.0	108.97
240	Suspended Solids	M	OTH	(enter method)	0.0	8230.51	0.0	8230.51

\* Select a row by double-clicking on the Pollutant Name (Column B) then click the delete button

5. ONSITE TREATMENT & OFFSITE TRANSFERS OF WASTE

| PRTR# : D0124 | Facility Name : Athboy Waste Water Treatment Plant | Filename : D0124\_2011.xls | Return Year : 2011 |

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Please enter all quantities on this sheet in Tonnes

0

Transfer Destination	European Waste Code	Hazardous	Quantity (Tonnes per Year)	Description of Waste	Waste Treatment Operation	Method Used		Location of Treatment	Haz Waste : Name and Licence/Permit No of Next Destination Facility Haz Waste: Name and Licence/Permit No of Recover/Disposer	Haz Waste : Address of Next Destination Facility Non Haz Waste: Address of Recover/Disposer	Name and License / Permit No. and Address of Final Recoverer / Disposer (HAZARDOUS WASTE ONLY)	Actual Address of Final Destination i.e. Final Recovery / Disposal Site (HAZARDOUS WASTE ONLY)
						M/C/E	Method Used					
Within the Country	19 08 01	No	8.0	screenings	D5	E	Volume Calculation	Offsite in Ireland	Panda Waste Services,WCP/DC/09/1188/01	Rathdrinagh,Beauparc Business Park,Navan,Co.Meath,Ireland		
Within the Country	19 08 05	No	353.0	sludges from treatment of urban waste water	R10	E	Volume Calculation	Offsite in Ireland	Boyne Waste Services,WCPMH/009/21	Rathdrinagh,Beauparc Business Park,Navan,Co.Meath,Ireland		

\* Select a row by double-clicking the Description of Waste then click the delete button

## **SECTION 3:**

### **OPERATIONAL REPORTS SUMMARY**

**SECTION 3.1: COMPLAINTS SUMMARY**

<i><b>Number</b></i>	<i><b>Date &amp; Time</b></i>	<i><b>Nature of Complaint</b></i>	<i><b>Cause of Complaint</b></i>	<i><b>Actions Taken</b></i>	<i><b>Closed (Y/N)</b></i>

There were no complaints recorded in during the reporting period 01/01/11 to 31/12/11.



**SECTION 3.2:   REPORTED INCIDENTS SUMMARY**

<i>Date &amp; Time</i>	<i>Incident Description</i>	<i>Cause</i>	<i>Corrective Action</i>	<i>Authorities Contacted</i>	<i>Reported to EPA (Yes/No)</i>	<i>Closed (Y/N)</i>

There were no incidents recorded during the reporting period 01/01/11 to 31/12/11.

## **SECTION 4:**

### **INFRASTRUCTURAL ASSESSMENTS AND PROGRAMME OF IMPROVEMENTS**

## SECTION 4.1 TREATMENT CAPACITY

***Treatment Capacity Summary Report Table:***

Hydraulic Capacity – Design / As Constructed (m <sup>3</sup> /day)	-
Hydraulic Capacity – Current loading (m <sup>3</sup> /day)	-
Hydraulic Capacity – Remaining (m <sup>3</sup> /day)	-
Organic Capacity - Design / As Constructed (PE)	5,800
Organic Capacity - Current loading (PE)	2,181
Organic Capacity – Remaining (PE)	3,619
Will the capacity be exceeded in the next three years? (Yes / No)	No

#### SECTION 4.2: STORM WATER OVERFLOW IDENTIFICATION AND INSPECTION REPORT

##### *SWO Identification and Inspection Summary Report Table:*

How many SWOs are listed in the Schedule A4 of the WWDL?	1
How many additional SWOs are listed in the agglomeration?	0
Total number of SWOs in the agglomeration?	1
How many SWOs are listed as compliant with the DoEHLG Guidance?	1
For each SWO identified as non-compliant with DoEHLG Guidance is there a corrective action plan included in the Programme of Improvements?	0
Does the SWO assessment include the requirements of Schedule A3 & C3	Yes
Have the EPA been advised of any additional SWOs / changes to Schedule C3 and A4 under Condition 1.7?	N/A

**SECTION 4.3: REPORT ON PROGRESS MADE AND PROPOSALS BEING DEVELOPED TO MEET THE IMPROVEMENT PROGRAMME REQUIREMENTS.**

**Licence Condition 5.1: Programme of Infrastructural Improvements.**

There is no planned programme for infrastructure improvements at Athboy WwTP.

**Licence Condition 5.2: Assessing the Programme of Infrastructural Improvements.**

There is no planned programme for infrastructure improvements at Athboy WwTP.

**Licence Condition 5.3: Plan for Implementation of Infrastructural Improvements.**

There is no planned programme for infrastructure improvements at Athboy WwTP.

**Licence Condition 5.4: Programme of Measures for Gathering, Recording, and Retention of Information**

As-Constructed drawings and Mechanical & Electrical drawing are available for inspection at Meath County Council Headquarters. The information includes all the infrastructural components of the waste water works.

## **SECTION 5:**

### **ENVIRONMENTAL LIABILITY AND FINANCIAL PROVISIONS**

**SECTION 5.1: STATEMENT OF MEASURES**

Meath County Council have not prepared an *Annual Statement of Measures Report* for the reporting year 01/01/2011 to 31/12/2011. In July 2012 Meath County Council assigned staff to a new 'Licensing and Process Team' with a view to ensuring all the conditions and reporting requirement of all Licence and Certificates are complied with. An '*Annual Statement of Measures Report*' will be included in the 2012 AER

**SECTION 5.2: ENVIRONMENTAL LIABILITIES AND RISK ASSESSMENT (ELRA) REPORT.**

As per condition 7.2.2 of the licence, Meath County Council had prepared a comprehensive Environmental Liabilities Risk Assessment (ELRA). The assessment was conducted by Rowan Engineering Consultants Ltd. and was submitted to the EPA on the 27<sup>TH</sup> May 2011.

## **SECTION 6:**

### **LICENCE SPECIFIC REPORTS**



**SECTION 6: LICENCE SPECIFIC REPORTS**

<i>Licence Specific Reports</i>	<i>Required in 2011 AER</i>	<i>Included in 2011 AER</i>	<i>Location in 2011 AER</i>	
			<i>Details</i>	<i>Pg</i>
<i>Priority Substances Assessment Report</i>	No	No	Summary of findings	N/A
			Full Report in Appendix	N/A
<i>Drinking Water Abstraction Point Risk Assessment Report</i>	No	No	Summary of findings	N/A
			Full Report in Appendix	N/A
<i>Habitats Impact Assessment Report</i>	No	No	Summary of findings	N/A
			Full Report in Appendix	N/A
<i>Shellfish Impact Assessment Report.</i>	No	No	Summary of findings	N/A
			Full Report in Appendix	N/A
<i>Toxicity / Leachate Management Report</i>	No	No	Summary of findings	N/A
			Full Report in Appendix	N/A
<i>Habitats Impact Assessment Report</i>	No	No	Summary of findings	N/A
			Full Report in Appendix	N/A

## **SECTION 7:**

### **CERTIFICATION AND SIGN OFF**

## SECTION 7.1: REPORT CHECK LIST

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 modifications to the existing WWDL? (See Condition 1.7 (changes to works/discharges) & Condition 4 (changes to monitoring location, frequency etc.)	No
List the reason (e.g. failure to complete specified works within dates specified in the licence, changes to monitoring requirements)	No
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?	No

## SECTION 7.2: CERTIFICATION AND SIGN OFF

As required under EPA Waste Water Discharge Licensing, I certify that the above report is true and accurate.

Prepared By:	<b>Enda Collins</b> A/O&M Manager Environment and Water Services Dept. Meath County Council	Signed:
		Date:
Approved By:	<b>Gerry Boyle</b> Senior Engineer Environment and Water Services Dept. Meath County Council	Signed:
		Date: