

Administration,
Environmental Licensing Programme,
Office of Climate Licensing & Resource Use,
Environmental Protection Agency,
Headquarters,
PO Box 3000,
Johnstown Castle Estate,
Co. Wexford.

18 December 2008

For the attention of Mr. Patrick Byrne

Dear Sirs,

**MONAGHAN WASTEWATER TREATMENT WORKS – DISCHARGE
LICENCE - APPLICATION REGISTER NO. D0061-01**

We refer to your letter of June 30th to Monaghan County Council in connection with the above application. We have been authorised by Monaghan County Council to prepare a response to the letter on their behalf.

In accordance with the letter, we have prepared the additional information requested as described below. The italics shown below give the text of the Agency's original query/request from the letter referred to above, while the answers provided are given in normally formatted text.

Section A: Non-Technical Summary

- *Update the non-technical summary to reflect the information provided in response to this notice.*

Please find updated non-technical summary attached.

Section B: General Information

- *Please provide the name of the agglomeration to which the Waste Water Discharge Licence Application relates.*

The agglomeration to which the Waste Water Discharge Licence relates to is MONAGHAN.

Section B.5 – Location of Storm Water Overflow Points

- *The grid reference required for each SWO (labelled as SW3-SW7) under Section B.5 is the grid location of the actual discharge point of the SWO rather than the location of the SWO itself. Please clarify the basis for the grid references given in Section B5 and provide the grid reference of the discharge point if different.*

The grid references given in Section B.5 are grid references for the manhole chambers relating to the SWO.

Please find below table describing grid references of the discharge points SW3 to SW7.

Storm Water Overflow	Easting	Northing
SW3 – Old Cross Square PS	267398	333575
SW4 – Old Cross Square	267510	333636
SW5 – Dawson Street	267214	333465
SW6 – Park Street	267214	333465
SW7 – Market Road	267214	333465

Section B.6 – Planning Authority

- *Provide details of the planning permission granted for the WWTP*

Insofar as we are aware, construction of the Monaghan WWTP predated any requirement for planning permission for local authority treatment plants.

Section B.10 – Capital Investment Programme

- *Section B.10 of the application details a programme of works for Monaghan Town Sewerage Scheme, please provide an update of the proposed development. Clarify if the proposed sewerage scheme will result in all, or some of the SWO becoming redundant, please identify which SWO will be redundant or upgraded.*

With regard to the programme of works for Monaghan Town Sewerage Scheme, there are currently Advanced Works Contract documents prepared for the upgrade of the Old Cross Square Pumping Station. These works are expected to go to tender in the middle of 2009. Preparation for the main contract is expected to start during 2010. The works proposed under this contract will provide for upgrading of the foul and surface water collection systems for the town, and will result in all of the SWOs being abandoned.

Section C.2 – Outfall Design and Construction

- For emission point labelled as SW-3 provide details of the following
 - (i) The emergency power generation capacity and standby pumping capacity at the pumping station (in the event of a power failure or pump malfunction);

SW-3 relates to the Old Cross Square Pumping Station, which, at present, does not have emergency power generation capacity. However, it is proposed to provide full emergency power generation capacity for the pumping station as part of the upgrade works discussed in Section B.10 above.

The current pumping capacity at the pumping station is 460l/s, which is not covered by a standby pump. However, it is proposed to increase the pump capacity to 850l/s and to provide 4No. duty and 1 No. standby pumps as part of the upgrade works discussed in Section B.10 above.

- (ii) the measures to be undertaken in the event of a power failure or pump malfunction;

As described in (i) above, there is currently no provision for the event of a power failure or a pump malfunction for emission point SW-3. However, it is proposed to upgrade this pumping station with full emergency power generation capacity and 4No. duty and 1No. standby pumps to cater for this possibility.

- (iii) the storage capacity, and storage time in hours, at the pumping station (and the basis for the calculations, e.g. rainfall intensity/duration), and

Due to space restrictions, there is no storage capacity at this pumping station and none can be catered for in the upgrade works. However, as discussed in (i) above, it is proposed to increase the pumping capacity of the stations from 460l/s to 850l/s.

- (iv) clarify whether the emergency overflow from the pumping station has been known to activate in the last 12 months. If so, provide the reason for the activation, and give details of the frequency, duration and discharge volumes, where available

The emergency overflow from the pumping station has been activated possibly 5 to 6 times in the last 12 months. All activations were caused by hydraulic overloading of the station, due to periods of torrential rain.

There is no further data available on these overflows as this pumping station is not monitored.

- *Assess the design criteria of storm water overflows SW-3 to SW-7 inclusively. Demonstrate (providing available evidence) whether all storm water overflows meet the design criteria established in 'Procedures and Criteria for Storm Water Overflows', published by the Dept. of the Environment, 1995. Clarify whether there are screens on all of the overflows and identify any SWOs that may be impacting on the surface water quality. Where a storm water overflow does not comply with these guidelines, give details of the plans for improvement.*

As the Monaghan Sewerage Scheme was built prior to the publication of 'Procedures and Criteria for Storm Water Overflow', we would conclude that none of the storm water overflows meet the design criteria established in this document, and do not have screens. However, as described in Section B.10 above, it is proposed as part of the upgrade works, that these overflows will be abandoned, as the new pipelines will be adequately sized for excessive flow.

Section D – Discharges to the Aquatic Environment

- *Complete Table D.1(i)(a) and table D.1(i)(b) for the existing primary discharge (current emission) to include details of the dry weather flow in the receiving water and the River Blackwater.*

Please find attached updated Table D.1(i)(a). As table D.1(i)(b) does not relate to Dry Weather Flow, it has not been revised, and therefore not included.

Please note, there are no available figures for Dry Weather Flow for the River Shambles. We have been able to estimate the value for the 95th flow for this receiving water. A value of 0.00107m³/s has been calculated using the *Hydra* software. This software was compiled by the Institute of Hydrology under an EU funded contract for the European Small Hydropower Association. It is specifically designed to evaluate low flow conditions on Irish Rivers and is based on the local meteorological conditions for the particular location. For ungauged rivers, such as the River Shambles, the software provides highly accurate estimates of low flows in rivers which are based on well understood hydrological principles. By inputting the coordinates for the catchment area of the River Shambles, the *Hydra* programme calculates, among other values, the total area of the catchment, the average annual runoff and the 95th %ile flow as a percentage of the mean flow. From this data you can calculate your 95th flow. Please find attached a plan of the River Shambles catchment area, Figure D.1, and also Table D.1 (iv) describing the catchment area's coordinates. We have also included a printout of the *Hydra* programme output and completed calculations for the 95th flow for the River Shambles.

From data found in the EPA Dry Weather Flow estimates data sheet of 2007, we find that the estimated Dry Weather Flow for the River Blackwater at the Faulkland station is 0.03m³/s and the 95th flow is 0.05m³/s. The Faulkland station is located approximately 2.5km downstream of the confluence point for the

River Shambles and the River Blackwater. It has, therefore, been deemed an acceptable figure to use for these tables.

- *Provide information on any landfill leachate introduced to the treatment works. Indicate the approximate quantities of leachate accepted and the source(s) of the leachate. Outline any operating procedures for acceptance of leachate*

It is estimated that there will be 25,000m³ of leachate delivered to Monaghan WWTP this year. The procedure for acceptance of leachate is as for that for accepting sludge, detailed in the attached document.

- *Provide details of any other tankered wastes delivered to the treatments works*

Water treatment sludges from 13 plants in County Monaghan are imported to the Monaghan WWTW. This is delivered as liquid sludge at approx 3% Dry Solids. The total tonnage per year is on average 150 T D.S. (Tonnes of Dry Solids). Along with this there is sludge from small sewage treatment plants in north county Monaghan accounting for about 125 T D.S. per annum
Septic Tank Sludge accounts for about 5 T. D.S. per annum
Alum sludge from Togan Water Treatment plant accounts for about 25 T D.S.

Section E – Monitoring

- *Identify on a suitable scaled map the location of the upstream and downstream surface water monitoring points.*

Please find attached Figure E.1 describing locations of upstream and downstream surface water monitoring points.

Section F – Existing Environment and Impact of the Discharges

- *Give summary details and an assessment (based on appropriate water quality standards) of the impacts of the existing emissions on the environment/surface water.*

As discussed in Section D above, the *Hydra* software calculated a 95thile flow for the River Shambles of 0.00107m³/s. This translates to a daily flow of 92.45m³/day. This flowrate would be deemed quite low when compared to the effluent flow rate of 4,833m³/day. The dilution levels, therefore, are quite low, as illustrated by the assimilative calculations below. However, this discharge to the River Shambles is only 1.5km upstream of it's confluence with the River Blackwater, which has a significantly higher 95th %ile flowrate of 4,320m³/s (calculated from 0.05m³/s value in Section D above), and therefore much higher levels of dilution than that of the River Shambles. As a result, the emission

concentrations would be significantly reduced in this receiving waterbody. We would note that, throughout the history of Monaghan WWTP, it has been considered that the River Blackwater is, in effect, the receiving waters for the treatment plant's effluent, and not the River Shambles.

We refer you to the table entitled '*Shambles River, upstream and downstream Water Quality Data*', which is part of attachment F.1 of the original Discharge Licence Application. This table describes the levels of various parameters measured upstream and downstream of the primary discharge point over a number of months. As illustrated, in general the levels downstream are not excessive when compared to those upstream of the discharge point, even those taken during the summer months. We would note in particular the elevated phosphorus levels in the receiving water upstream of the discharge point. This would suggest that other sources of pollution, possibly from diffuse agricultural sources, are having a significant impact on water quality in the River Shambles.

- *Carry out assimilative capacity calculations for the existing primary discharge. 95thile flow shall be used to calculate the capacity of the receiving waterbody for BOD, Suspended Solids, Total nitrogen, COD, and total phosphorus. In addition a calculation shall be presented for the capacity of the surface water body based on the 50th percentile flow for ortho-phosphate which is considered to represent the standard for molybdate reactive phosphate.*

The calculations below are based on the concentration limits of the final effluent/receiving water, C_{EFF}, described in SI No. 254/2001. As there are no limits set for total Nitrogen levels in this standard, we have not included calculations for this parameter.

NOTE: All calculations below are based on the following equation:

$$C_{FM} = \frac{(C_{EFF} * Q_{EFF}) + (Q_{BACK} * C_{BACK})}{(Q_{EFF} + Q_{BACK})}$$

where C_{FM} Concentration in the fully mixed final effluent/receiving water (mg/l)

C_{EFF} Concentration of the treated effluent (mg/l)

Q_{EFF} Effluent flowrate (m³/day)

Q_{BACK} Background flow in the stream as 95 percentile (m³/day)

C_{BACK} Background level in the receiving Water (mg/l)

Existing Primary Discharge Calculations for the River Shambles:

BOD: C_{EFF} = 25 mg/l
 Q_{EFF} = 4,833 m³/day
 Q_{BACK} = 92.45 m³/day

$$C_{\text{BACK}} = 2.59 \text{ mg/l}$$

$$\Rightarrow C_{\text{FM}} = 24.58 \text{ mg/l}$$

Suspended Solids:

$$C_{\text{EFF}} = 35 \text{ mg/l}$$
$$Q_{\text{EFF}} = 4,833 \text{ m}^3/\text{day}$$
$$Q_{\text{BACK}} = 92.45 \text{ m}^3/\text{day}$$
$$C_{\text{BACK}} = 10.57 \text{ mg/l}$$

$$\Rightarrow C_{\text{FM}} = 34.54 \text{ mg/l}$$

COD:

$$C_{\text{EFF}} = 125 \text{ mg/l}$$
$$Q_{\text{EFF}} = 4,833 \text{ m}^3/\text{day}$$
$$Q_{\text{BACK}} = 92.45 \text{ m}^3/\text{day}$$
$$C_{\text{BACK}} = 29.92 \text{ mg/l}$$

$$\Rightarrow C_{\text{FM}} = 122.68 \text{ mg/l}$$

Total Phosphorus:

$$C_{\text{EFF}} = 2.0 \text{ mg/l}$$
$$Q_{\text{EFF}} = 4,833 \text{ m}^3/\text{day}$$
$$Q_{\text{BACK}} = 92.45 \text{ m}^3/\text{day}$$
$$C_{\text{BACK}} = 0.22 \text{ mg/l}$$

$$\Rightarrow C_{\text{FM}} = 1.97 \text{ mg/l}$$

NOTE: For ortho-phosphate calculations, Q_{BACK} = Background flow in the stream as 50th %ile (m^3/day) as calculated in D above.

Ortho-phosphates:

$$C_{\text{EFF}} = 2.0 \text{ mg/l}$$
$$Q_{\text{EFF}} = 4,833 \text{ m}^3/\text{day}$$
$$Q_{\text{BACK}} = 2246.4 \text{ m}^3/\text{day}$$
$$C_{\text{BACK}} = 0.25 \text{ mg/l}$$

$$\Rightarrow C_{\text{FM}} = 1.45 \text{ mg/l}$$

In light of the above calculation for ortho-phosphates, we refer you to the table entitled 'Shambles River, upstream and downstream Water Quality Data', attachment F.1 of the original Discharge Licence Application, which details levels of ortho-phosphates in samples taken both upstream and downstream of the primary discharge point. It is worth noting that, although the calculated value for C_{FM} above of $1450 \mu\text{g/l}$ exceeds the maximum limit of $70 \mu\text{g/l}$ set for Irish rivers under the Phosphorus Regulations, the values measured upstream of the discharge point indicate existing elevated levels of ortho-phosphates in the River Shambles, prior to the introduction of the effluent discharge. It could be concluded, therefore, that the high ortho-phosphate levels in the River Shambles are not caused

exclusively by the effluent from the treatment works, but by other sources outside of the WWTP's control.

- *Describe the existing environment in terms of water quality with particular reference to environmental quality standards or other legislative standards. Provide a copy of the most recent water quality management plan or catchment management plan in place for the receiving water body.*

We refer you to tables F.1(i)(a) and (b) Shambles River upstream monitoring point and also table entitled 'Shambles River, upstream and downstream Water Quality Data', all part of attachment F.1 of the original Discharge Licence Application, which describe levels of upstream water quality for various parameters.

With reference to *SI No. 254/2001*, we note that existing levels of BOD, COD, Suspended solids and Total Phosphorus are all within the limits set by this Standard. As discussed above, for ortho-phosphates, the existing levels exceed the maximum defined value of 70µg/l for Irish rivers, under the Phosphorus Regulations.

Levels of dangerous substances in the Shambles River are described in Tables F.1 (b) for locations both upstream and downstream of the treatment plant discharge point. Generally these values are well below limits set in the publication *S.I. No.12/2001 – Water Quality (Dangerous Substances) Regulations, 2001*. We note that the last five substances measured, namely Boron, Cadmium, Mercury, Selenium and Barium have no limits defined in the publication *S.I. No.12/2001 – Water Quality (Dangerous Substances) Regulations, 2001*. We also note that the limit set for Tributyltin of 0.001µg/l is below the monitoring detectable limit of 0.05µg/l.

The limits set for Copper and Zinc are relative to the hardness of the receiving waters. As no water hardness measurements are available at present for the River Shambles, we cannot confirm if the measured levels of these parameters are below the set limits.

Insofar as we are aware, there is currently no water quality management plan or catchment management plan in place for the River Shambles. However, under the EU Water Framework Directive, the River Shambles is part of the Neagh-Bann International River Basin District and a River Basin Management Plan will be formulated and implemented for this district in the future.

- *Provide a statement as to whether or not emissions or main polluting substances (as defined in the Dangerous Substances Regulations S.I. No. 12 of 2001) to water are likely to impair the environment.*

We refer you to table D.1(i)(c) of the original Discharge Licence application, which describes maximum daily average values for dangerous substance emissions to surface/ground waters, and also tables F.1(i)(b), which describe monitored values of dangerous substances upstream and downstream of the primary discharge point. We note that the last five substances measured, namely Boron, Cadmium, Mercury, Selenium and Barium have no limits defined in the

publication *S.I. No.12/2001 – Water Quality (Dangerous Substances) Regulations, 2001*. We also note that the limit set for Tributyltin of 0.001µg/l is below the monitoring detectable limit of 0.05µg/l. All other substance levels measure below the set limits, with the possible exception of Copper and Zinc, whose limits relate to the hardness levels of the receiving waters, for which no details are available at present. However, we note that the levels of Copper and Zinc measured upstream of the discharge point are the same or less than those measured downstream of the discharge point. We can therefore conclude that, if the measured values of Copper and Zinc downstream of the discharge point are above the limits set by *SI No. 12/2001*, these levels are not caused by the effluent from the treatment works, but by other sources outside of the WWTP's control. It can be stated, therefore, that the emissions to the receiving waters are not the cause of impairment to the environment.

It is also worth noting that Monaghan Co. Council enforces a trade discharge licence system, whereby all significant non-domestic discharge requires a licence to discharge into the council's sewerage schemes. It follows that no applicant with levels which may pollute the environment would receive a licence to discharge.

- *Indicate whether or not emissions from the agglomeration or any plant, methods, processes, operating procedures or other factors which affect such emissions are likely to have a significant effect on a designated site (as identified in page 19 to 25 of the licence application form). Provide details of any correspondence engaged in with the National Parks and Wildlife Service in relation to a determination as to the likelihood of discharges from the waste water works having a significant effect on a European site.*

Emissions will not have a significant effect on any designated site.

There has been no correspondence with the National Parks and Wildlife Service in connection with the existing or proposed discharge.

Section G- Programmes of Improvements

- *For all SWOs, other than the surface water overflow at the WWTP, designated in the licence application provide a detailed timescale for compliance of each SWO with the minimum specified design criteria (i.e. less than 6 spills per year) or for removal of the SWO from the system.*

As described in sections B.10 and C.2 above, there is a proposed programme of works to upgrade the Monaghan town sewerage system, which will result in all of the SWOs becoming redundant. Preparation for the main works is expected to start during 2010.

The Agency requires you, in accordance with Regulation 12 of the regulations to

- *Publish a further newspaper notice in accordance with Regulation 10 of the Waste Water Discharge (Authorisation) Regulations 2007; and*
- *Submit an original page of the newspaper in which the revised newspaper notice is placed*

Please find enclosed original page of newspaper with revised newspaper notice.

Please note, 2 No. hardcopies of all documents have been provided, along with a CD-ROM containing all documents relating to this response in PDF format.

We trust that we have now provided the Agency with all of the information required, but if you require any further information, please do not hesitate to contact me.

Yours faithfully,

Siobhan Moneley
T J O'Connor & Associates

*For inspection purposes only.
Consent of copyright owner required for any other use.*

LIST OF ATTACHMENTS

Non-Technical Summary

Table D.1 (i)(a) – Emissions to Surface/Groundwaters (Current)
(Primary Discharge Point)

Table D.1 (iv) – Data Input for Hydra Software for River Shambles Catchment
Area

Figure D.1 – River Shambles Catchment Area

Hydra Software Output

Calculations for 95th percentile flow for River Shambles

Procedure for the delivery of Sludge to Wastewater Treatment Plants

Figure E.1 – Locations of Upstream and Downstream Surface Water
Sampling Points

Discharge Licence Application Newspaper Notice

For inspection purposes only.
Consent of copyright owner required for any other use.

SECTION A: NON-TECHNICAL SUMMARY

Advice on completing this section is provided in the accompanying Guidance Note.

A non-technical summary of the application is to be included here. The summary should identify all environmental impacts of significance associated with the discharge of waste water associated with the waste water works. This description should also indicate the hours during which the waste water works is supervised or manned and days per week of this supervision.

The following information must be included in the non-technical summary:

A description of:

- the waste water works and the activities carried out therein,
- the sources of emissions from the waste water works,
- the nature and quantities of foreseeable emissions from the waste water works into the receiving aqueous environment as well as identification of significant effects of the emissions on the environment,
- the proposed technology and other techniques for preventing or, where this is not possible, reducing emissions from the waste water works,
- further measures planned to comply with the general principle of the basic obligations of the operator, i.e., that no significant pollution is caused;
- measures planned to monitor emissions into the environment.

Supporting information should form **Attachment N° A.1**

For inspection purposes only.
Consent of copyright owner required for any other use.

A Description of the Waste Water Works and the Activities Carried Out Therein

Monaghan Town Collection system is currently divided into three main systems; the drainage system servicing the Knockaconny area, the main urban area which drains to the Old Cross Pumping Station and the area around the Cathedral and Pound Hill which gravitate directly to the existing wastewater treatment plant. The existing wastewater treatment plant at Tirkeenan was extended and significantly refurbished in 1994.

In general terms the central parts of the town are fully combined with the more recent developments around the town being separately drained. The foul/combined sewerage system includes a main trunk sewer which runs west to east along the Old Ulster Canal route before entering the Old Cross Square Pumping Station from where it is pumped to the wastewater treatment works at Tirkeenan. This sewer is relieved by a number of combined sewer overflows, which discharge to the Shambles River. Topographical considerations dictate that flows from most areas of the catchment are pumped into the main drainage system. Main pumping stations that serve the sewer network are:

- Old Cross Pumping Station
- Scotstown Road Pumping Station
- Old Armagh Road Pumping Station

The Monaghan wastewater treatment plant (WWTW) is located at Annahagh Lane, Tirkeenan and has a nominal design capacity to treat flows from a population equivalent (PE) of 55,000.

The difference between the population of Monaghan (some 6,250 people including environs) and the loads referred to above is accounted for by discharges from industry, commercial premises, shops, schools and other sources, excluding dwellings, which are collectively referred to as non-domestic discharges.

The treatment plant treats all flows that arrive at the works to secondary standards in accordance with the Urban Waste Water Directive 1994 as shown in the following table:

Parameter	Effluent Limit
BOD	25 mg/l
COD	125 mg/l
Suspended Solids	35 mg/l
Phosphate	2 mg/l

Table 1 – Effluent Discharge Limits

The existing WWTW were last upgraded in 1994. This work included provision of new inlet works, primary settling tanks, aeration tanks, final settling tanks, stormwater tank and sludge handling facilities.

In order to cope with flows above 4 DWF storm storage has been provided at the WWTW. The volume of storm storage at the WWTW is approximately 2,270m³. In the event that the storm water holding tank is filled and the storm continues, the storm water tanks are operated as a pre-clarification tank without sludge removal. The overflow from the storm water storage tank has an emergency overflow to the Shambles River.

The flow is split after the wastewater passes through the new inlet works. A maximum of 1,365m³/day is diverted to the existing wastewater treatment stream. The remaining balance is directed to the new treatment system. The existing stream has an Imhoff tank and percolation filters. The new stream has preliminary settling tanks, aeration phase and final settling tanks.

Sludge is wasted separately from each stream to a common sludge thickeners, sludge stabilisation and common dewatering plant.

A summary of the treatment process is presented below:

Inlet works	2 No. vertical drum screens, 2 No. screw compactors and 1 No. standard grit classifier and flow measurement.	
	EXISTING STREAM	NEW STREAM
Biological Treatment	1 No. Imhoff tank.	- 2 No. preliminary settling tanks with half bridge sludge scraper. - 2 No. aeration tanks with fine bubble disc aeration
Phosphorus Removal	Ferric Sulphate dosing	
Secondary Treatment	4 No. 24m diameter percolation filters Sludge settled within the settlement tanks is withdrawn by gravity from each central sludge hopper to the return sludge pump sump. Surplus Activated Sludge (SAS) is pumped by 2 No. pumps (Duty/Standby) from the pump sump to the sludge blend/holding tank. Return Activated Sludge (RAS) is pumped 2 No. pumps (Duty/Standby) from the pump sump and is mixed with the incoming influent.	2 No. 29m diameter final settlement tanks with half bridge sludge scraper.
Sludge Treatment	- 2 No. Sludge Thickener, 5m and 10m diameter - 1 No. Sludge Stabilisation tank, 19m diameter - 1 No. Sludge Belt Presses with 6 No. sludge transfer pumps and poly make-up unit with dosing pumps.	
Effluent Discharge	1 No. 800mm gravity outfall pipe to Shambles River.	

Ancillary equipment at the WWTP also includes the following:

- Odour Treatment Unit with 2 No extractor fans.
- SCADA system covering all the plant including sludge treatment process.
- Main Distribution Boards are equipped with a connection to a mobile generator, to be used in case of a power failure.
- Buildings - Inlet and sludge building, electricity transformer building, laboratory and control room building with fire alarm and security alarm systems.

The Monaghan WWTP is currently operated by a Monaghan County Council. The plant is manned during the working week 8.00am - 5.30pm (Monday - Friday) by a plant manager and 2 No. operators. During out of hours the SCADA system will send alarms to a mobile phone of the person on standby.

The Sources of Emissions from the Waste Water Works

The pollution load for the Monaghan agglomeration arises from the following areas:

- The local Population
- The local Industries
- Schools
- Commercial premises like shops and pubs

The pollution load from these sources varies with daily, weekly and seasonal producers of effluent. The sewage from all industries is collected via the public sewer and treated in conjunction with domestic waste at the waste water treatment plant.

The nature and quantities of foreseeable emissions from the waste water works into the receiving aqueous environment as well as identification of significant effects of the emissions on the environment.

The final effluent is discharged into the Shambles River. At this moment the WWTW discharges approximately 4,833m³/d to the river.

Environmental Impacts

Planning for the Monaghan WWTP predates the requirements of an Environmental Impact Statement. An Environmental Impact Statement was not carried out for the Expansion and Upgrading of Monaghan Wastewater Treatment Plant.

It is necessary to consider that the effluent quality meets the requirements stated in the Urban Waste Water Directive 1994. This is discussed in more detail in response to Additional Information requested under *Section F – Existing Environment and Impact of the Discharges*.

The Proposed Technology and Other Techniques for Preventing or, Where This Is Not Possible, Reducing Emissions from the Waste Water Works

Technologies

In the WWTW at Monaghan a sufficient number of standby pumps, fans, etc. is provided in order to ensure continuation of the wastewater and sludge treatment and to comply with all environmental standards in case of equipment failures or breakdowns. Standby equipment is installed, ready for take over, or available in stock on site.

Standby diesel generators or generator sockets in control panels are provided to enable the plant to operate during mains electric power failure thereby preventing untreated emissions from entering the receiving aqueous environment.

Techniques

A Performance Management System (PMS) being implemented at the Monaghan Wastewater Treatment Plant. This Performance Management System is developed by the Water Services National Training Group (WSNTG). The PMS provides a uniform approach to dealing with all relevant performance management issues, including Independent Compliance Audits, Management of Change, Dispute Resolution, Public Relations, Emergency Procedures and Reporting Procedures.

Monaghan County Council will perform the Operation of the WWTP in accordance with the Performance Management System and maintains the design performance capability of the existing treatment plant.

Further measures planned to comply with the general principle of the basic obligations of the operator, i.e., that no significant pollution is caused

Prevention of pollution

Any alteration upgrading of the existing infrastructure undertaken by Monaghan County Council shall not increase the potential to cause pollution in the environment. In particular any alterations to the wastewater treatment plant will be designed to enable any operator of the facility to prevent pollution of the environment by the following potential contaminants:

- Surface water run-off
- Spillages
- Solid Waste

Toxic Substances

Monaghan County Council shall ensure that any modification or alterations to the plant do not increase the impact by any toxic substances. All chemicals and dangerous substances must be stored safely at all times and all appropriate safety measures must be taken to ensure against leakage and spillage in accordance with the relevant Health and Safety Legislation.

Measures planned to monitor emissions into the environment

The current operators use a paper template for sampling and analysis of the incoming raw sewage, outgoing effluent, sludge and other by products such as screenings. Sampling Procedures are in place and Sampling Schedules are available to monitor the emissions to the environment.

Monaghan is in the process of implementing the PMS as a template, procedures and procedures for sampling and analysis. This system is expected to be operational in January 2008. Sampling procedures will be in accordance with the PMS and applicable Irish and EU Regulations.

Regular independent laboratory analysis is undertaken to monitor compliance with the requirements. Samples are taken at the same well defined point at the inlet and outlet of the treatment works. The sample is stored in a refrigerator to minimize degradation between collection and analysis.

The sampling of the statutory samples is in accordance with the following procedures:

- All samples are representative of the appropriate stream.
- Samples are fixed, stored and handled as per standard methods. Analysis of the samples are undertaken within 24 hours and reported to Monaghan County Council within 48 hours. Exceptions are BOD, metals and pathogen, which are reported within 7 days.

The monitoring and recording of the status of all parameters appropriate to proper control and operation of the plant is carried out.

**TABLE D.1(i)(a): EMISSIONS TO SURFACE/GROUND WATERS (Current)
(Primary Discharge Point)**

Discharge Point Code: SW1

Source of Emission:	Treated Effluent
Location:	Monaghan WWTW, Tirkeenan, Monaghan
Grid Ref. (12 digit, 6E, 6N):	E: 268048 N: 333859
Name of receiving waters:	River Shambles
River Basin District:	Neagh Bann
Designation of receiving waters:	Not Known
Flow rate in receiving waters:	<p style="text-align: right;">_____ River Blackwater 0.03 m³.sec⁻¹ Dry Weather Flow</p> <p style="text-align: center;">_____ River Blackwater 0.05 m³.sec⁻¹ _____ River Shambles 0.00107 m³.sec⁻¹ 95%ile flow</p>

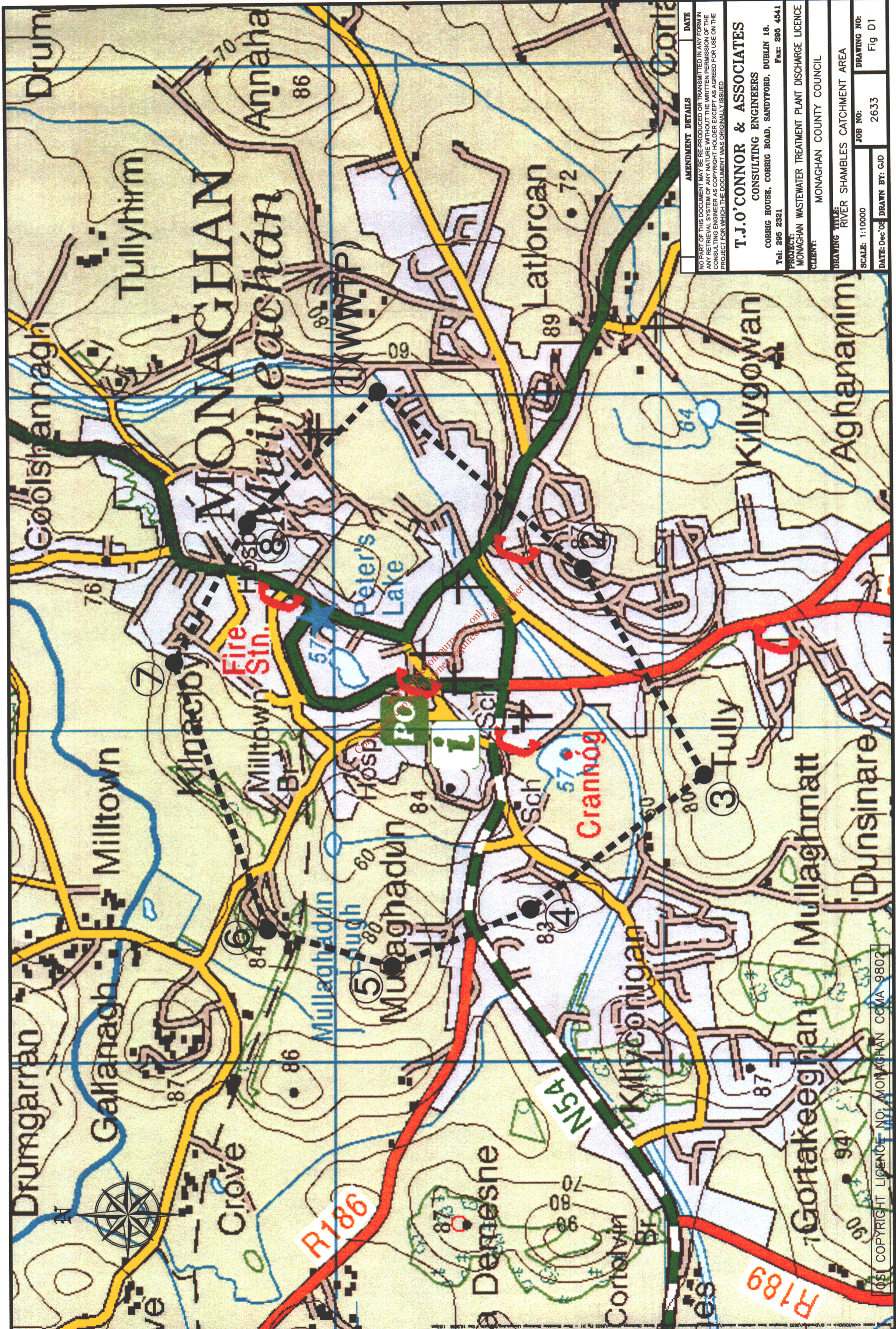
Emission Details:

(i) Volume emitted 1,764,000 m ³ /year			
Normal/day	4,833 m ³	Maximum/day	12,055 m ³
Maximum rate/hour	720 m ³	Period of emission (avg)	_____ min/hr _____ hr/day <u>365</u> day/yr
Dry Weather Flow	0.056m ³ /sec		

Table D 1 (iv)
Data Input for Hydra Software for River Shambles Catchment Area

Point No.	Easting	Northing
1 (WWTP Discharge Point)	268048	333859
2	267483	333236
3	266842	332840
4	266454	333400
5	266285	333822
6	266400	334197
7	267198	334471
8	267618	334267

*For inspection purposes only.
Consent of copyright owner required for any other use.*



AMENDMENT DETAILS		DATE
NO PART OF THIS DOCUMENT MAY BE RE-PRODUCED OR TRANSMITTED IN ANY FORM IN ANY RETRIEVAL SYSTEM OF ANY NATURE WITHOUT THE WRITTEN PERMISSION OF THE CONSULTING ENGINEER AS COPYRIGHT HOLDER EXCEPT AS AGREED FOR USE ON THE PROJECT FOR WHICH THE DOCUMENT WAS ORIGINALLY ISSUED.		
T.J.O'CONNOR & ASSOCIATES		
CONSULTING ENGINEERS		
CORRIG HOUSE, CORRIG ROAD, SANDYFORD, DUBLIN 18.		
Tel: 295 2321 Fax: 295 4541		
PROJECT: MONAGHAN WASTEWATER TREATMENT PLANT DISCHARGE LICENCE		
CLIENT: MONAGHAN COUNTY COUNCIL		
DRAWING TITLE: RIVER SHAMBLES CATCHMENT AREA		
SCALE: 1:10000	JOB NO: 2633	DRAWING NO: Fig D1
DATE: Dec'08	DRAWN BY: GJD	

OSI COPYRIGHT LICENCE NO: MONAGHAN CCMA 9802

Catchment Characteristics and Site Flow Details River Shambles

Run Date / Time:	18 December 2008 at 05:42
Catchment definition file:	c:\progra~1\hydra\data\shambles.cbf
Total area:	1.48 km ²
Rainfall (average annual):	953 mm
Potential evaporation (average annual):	446 mm
Runoff (average annual):	554 mm
Mean flow estimate:	0.00 m ³ /s
Q95, as % of mean flow:	4.1 %
Q95 (absolute):	0.0 m ³ /s

*For inspection purposes only.
Consent of copyright owner required for any other use.*

Calculations for 95th %ile flow for River Shambles

From Hydra Software Output:	Total Area	= 1.48km ²
	Runoff (average annual)	= 554mm
	Q95, as % of mean flow	= 4.1%

Volume = Area x Runoff = 1.48km² x 10⁶ x 0.554m = 819,920m³ (annual)

Average Daily Flow = 819,920m³ ÷ 365 days = 2,246.36m³/day

Average Flow per second = 2,246.36m³/day ÷ (60x60x24) = 0.026m³/s

95 %ile flow or **Q_{95%}** = 4.1% x 0.026m³/s = **0.00107m³/s**

*For inspection purposes only.
Consent of copyright owner required for any other use.*

Monaghan County Council Water Services		
Document number: M-WS-PRO-008-01	Title: Procedure for Delivery of Sludge WwTP	
Issue Date: 06/01/2006	Issued by: G. McCarthy	Approved by: Wesley Best

Procedure for the Delivery of Sludge to Wastewater Treatment Plants

Introduction:

This procedure covers the delivery of Sludge from any source to a Wastewater Treatment Plant operated by Monaghan County Council, Water Services.

Records:

Waste Transfer Note

Sludge Analysis Form

Reference Material:

All Contractors delivering sludge to a Wastewater Treatment Plant operated by Monaghan County Council, Water Services will be required to demonstrate that,

- All insurances required by Monaghan County Council are in place and up to date.
- A valid **Waste Collection Permit** is in operation for the vehicle being used.
- A valid **Discharge License** must be in place prior to the discharge of any Trade effluent/sludge at a Wastewater Treatment Plant.

During the delivery

1. The Driver must SUPERVISE THE DELIVERY AT ALL TIMES.
2. Discharge of Sludge can only take place at the **Designated Discharge Point** as will be indicated by the Plant Supervisor.
3. It is the Responsibility of the Driver to ensure that the discharge hose is of sound quality and that the required gaskets or rubber rings for fittings are in place prior to using the hose.
4. The Driver will connect the flexible hose to the tanker and ensure all couplings are secure prior to commencing discharge of sludge. A Drip Collection Bucket shall be used to collect any drips from the connection point.
5. During the discharge of the load the Driver will be required to collect a sample of the load, for future analysis, from the designated discharge point. Where multiple loads from a single source are being discharged on the same day the driver will take a sample that represents the overall discharge, this will be mid way through the day.
6. On completion of the discharge the driver will pressurise the discharge hose to ensure that there is no liquor remaining in the hose.

Monaghan County Council Water Services		
Document number: M-WS-PRO-008-01	Title: Procedure for Delivery of Sludge WwTP	
Issue Date: 06/01/2006	Issued by: G. McCarthy	Approved by: Wesley Best

7. The driver will disconnect the flexible hose with caution to ensure that there are no spillages.
8. It will be the Drivers responsibility to clean-up any spillages that occur, prior to, during or after the discharge process. Where a spillage occurs the driver will immediately inform a member of the site staff.

After the delivery

1. Ensure that all inlet valves are properly closed.
2. Check the vehicle for dips and complete the Waste Transfer Note.
3. Label Sample Bottle with Waste Transfer Note number, Date and Source of Sludge. Deliver sample to Admin Building on the relevant Site.
4. Get signature from member of Site Staff for Waste Transfer Note. Leave copy of Waste Transfer Note and Sludge Sample in Designated area of Laboratory.
5. Secure Gate on exit from site.

In the event of a spillage/overflow

1. Keep people at a safe distance and observe all safety precautions (e.g. no smoking/naked flames).
2. Refer to **Spill Response Procedure**

Responsibilities:

The following people have responsibilities for carrying out this procedure:

Plant Operators

Supervising Technician

Tanker Drivers

Public Notices • Announcements • Situations Vacant

Contact our Advertising Office Monday to Friday tel: 047 82188 Fax: 047 84070 email: ads@northern-standard.ie

Comhairle Contae Mhuineacháin
www.monaghan.ie

MONAGHAN COUNTY COUNCIL

TEMPORARY CLOSING OF ROADS

Monaghan County Council wish to advise that:
In the interest of safety, the Knockavolia road L507800 from junction of LT 038101 in the townland of Cavanaguillagh to junction of LP03800 in the townland of Bree will remain closed until Monday 8th December 2008 to facilitate road works on the Knockavolia road (L507800) (part of the works on the N2 Castleblayney Bypass).

Alternative Routes from Castleblayney
Upon closure of the L507800 traffic coming from Castleblayney to Cavanaguillagh will be diverted right at junction of LP03800 in the townland of Bree to junction of R188 also in the townland of Bree, diverting left until reaching the junction of the LP 03810 in the townland of Tullyskerry, diverting left until the junction of the LT 038101 in the townland of Kinnagin, diverting left until the junction of the LS 07800 in the townland of Cavanaguillagh and turn right onto L507800 and vice versa.

Michael Fitzpatrick, Director of Services
Road Transportation & Environment
4th December 2008.

TEMPORARY CLOSING OF ROADS

Temporary closing of Roads pursuant to Section 75 of Roads Act 1993 and Article 12 of Roads Regulation 1994. Notice is hereby given to close to public traffic, the road described hereunder from Monday 05th January 2009 to Friday 21st January 2009 to facilitate Group Water Scheme Works.

- Roads Closed**
- LT63403
 - LT63403
 - LT63404
- Alternative Routes**
- Works on LT63403: Diversions from L506440 onto R183 towards Swans Cross.
- Works on LT63401: Diversions from L506440 onto R183 towards Swans Cross.
- Works on LT63404: Diversions from R188 towards Swans Cross, and take left at Swans Cross on to R183 towards Newbliss.

Local access and emergency services access only will be catered for at all times.
Any interested person may lodge an objection to the closing of the above-mentioned road with the Director of Services for Roads, Monaghan County Council Offices, Glen Road, Monaghan not later than Wednesday 10th December 2008. Any objections must be clearly marked on envelope "Objection to Road Closure".
Michael Fitzpatrick
Director of Services
4th December 2008

TEMPORARY CLOSING OF ROADS

Temporary closing of Roads pursuant to Section 75 of Roads Act 1993 and Article 12 of Roads Regulation 1994. Notice is hereby given to close to public traffic, the road described hereunder from Monday 5th January 2009 to Friday 16th January 2009 to facilitate Group Water Scheme Works.

- Roads Closed**
- LT63202
 - LT63211
- Alternative Routes**
- Works on LT63202: Diversions from LT63202, onto R88 towards Cootehill, turn right onto LT63202 and turn right onto LT63201.
- Works on LT63211: Diversions from LT63211 onto R188 via Rockcree.
- Local access and emergency services access only will be catered for at all times.
Any interested person may lodge an objection to the closing of the above-mentioned road with the Director of Services for Roads, Monaghan County Council Offices, Glen Road, Monaghan not later than Wednesday 10th December 2008. Any objections must be clearly marked on envelope "Objection to Road Closure".
Michael Fitzpatrick
Director of Services
4th December 2008

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR A WASTEWATER DISCHARGE LICENCE

In accordance with the Waste Water Discharge (Authorisation) Regulations 2007 SI No. 684 of 2007, Water Services, of Monaghan County Council, The Glen, Monaghan, Co. Monaghan is applying to the Environmental Protection Agency for a Waste Water Discharge Licence for Monaghan Waste Water Treatment Plant, Tirkeenan, Monaghan at the following locations:

Plant Name	Location	National Grid Ref.
Monaghan WWTP	Tirkeenan, Monaghan	E267912 N333738

Discharge	Location of Overflow Structure	Location of Discharge Point	Receptor	Grid Reference
Primary	Townland		Shambles	E268048 N333859
Overflow	Tirkeenan		Shambles	E267845 N333776
Overflow	Old Cross Square		Shambles	E267510 N333636
Overflow	Old Cross Square		Shambles	E267398 N333575
Overflow	Dawson St		Shambles	E267214 N333465
Overflow	Park St		Shambles	E267214 N333465
Overflow	Market Rd		Shambles	E267214 N333465
Overflow	Cootehill Rd		Shambles	E267332 N332652

A copy of the application for the Waste Water Discharge Licence, and such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the Application shall as soon as is practicable after receipt by the Agency be available for inspection or purchase at the:
• Environmental Protection Agency, PO Box 3000, Johnstown Castle Estate, Co. Wexford, Lo Call 1890 335599 Telephone: 053-9160600 Fax: 053-9160699 Email:info@epa.ie and at
• Monaghan County Council Offices, The Glen, Monaghan, Co. Monaghan, Telephone: 047 30500 Fax: 047 82739.

Submissions in relation to the application may be made to the Environmental Protection Agency at its headquarters described above
Signed David Fallon, Director of Water Services
4th December 2008.

APPLICATION TO THE ENVIRONMENTAL PROTECTION AGENCY FOR A WASTEWATER DISCHARGE LICENCE

In accordance with the Waste Water Discharge (Authorisation) Regulations 2007 SI No. 684 of 2007, Water Services, of Monaghan County Council, The Glen, Monaghan, Co. Monaghan is applying to the Environmental Protection Agency for a Waste Water Discharge Licence for Carrickmacross Waste Water Treatment Plant, Magheross, Carrickmacross at the following locations:

Plant Name	Location	National Grid Ref.
Carrickmacross WWTP	Magheross, Carrickmacross	E284557 N302799

Discharge	Ref.	Location	Receptor	Grid Reference
Primary	SW1	Ardee Road	Proudes	E284608 N302843
Secondary	SW2	Ardee Road	Proudes	E284588 N302860
Overflow	SW3	Farny St	Lisanisk Lake	E284739 N303677
Overflow	SW4	Farny St	Lisanisk Lake	E284739 N303677
Overflow	SW5	School Lands	Lisanisk Lake	E284739 N303677
Overflow	SW6	Rockdaniel Rd	Lisanisk Lake	E284739 N303677
Overflow	SW7	Cloughvalley	Lisanisk Lake	E284739 N303677
Overflow	SW8	Rear of Main St	Lisanisk Lake	E284739 N303677
Overflow	SW9	Lands off Chapel Lane	Lisanisk Lake	E284739 N303677
Overflow	SW10	Parnell St	Proudes	E283872 N303714
Overflow	SW11	Mullannary St	Proudes	E283780 N303825
Overflow	SW12	Ardee Rd	Proudes	E284236 N303285

It is intended to submit the Environmental Impact Statement associated with the proposed upgrading of the Waste Water Treatment Plant to the Agency along with the Application.
A copy of the application for the Waste Water Discharge Licence, the Environmental Impact Statement and such further information relating to the application as may be furnished to the Agency in the course of the Agency's consideration of the Application shall as soon as is practicable after receipt by the Agency be available for inspection or purchase at the:
• Environmental Protection Agency, PO Box 3000, Johnstown Castle Estate, Co. Wexford, Lo Call 1890 335599 Telephone: 053-9160600 Fax: 053-9160699 Email:info@epa.ie and at
• Monaghan County Council Offices, The Glen, Monaghan, Co. Monaghan, Telephone: 047 30500 Fax: 047 82739.

Submissions in relation to the application may be made to the Environmental Protection Agency at its headquarters described above
Signed David Fallon, Director of Water Services
4th December 2008.

REGISTER OF ELECTORS 2009/2010 REVISION COURTS

The County Registrar will consider claims, including those relating to the addition or deletion to the Draft Register, at Revision Courts to be held on dates as set out below. Any person interested may appear and be heard either in person or by any other person on his/her behalf.

- AT THE COURTHOUSE, CARRICKMACROSS
on Tuesday, 9th December, 2008 at 11.30 a.m. for the Polling Districts of: Ballymacnee, Laragh, Bocks & Crosslaine, Carrickmacross Urban, Corracharra, Donaghmoynne, Drumbooy & Lough Fea, Drumcarrow, Drumgarran & Refereagh, Enagh, Iniskeen & Killybegs, Kilmurry.
AT THE HOPE CASTLE, CASTLEBLAYNEY
on Tuesday, 9th December, 2008 at 2.00 p.m. for the Polling Districts of: Annallya & Carrickaslane, Castleblayney Rural, Castleblayney Urban, Churchhill, Cremartin, Greagh, Mullyash, Broomfield.
AT THE BALLYVAH TOWN COUNCIL, BALLYVAH
on Tuesday, 9th December, 2008 at 3.30 p.m. for the Polling Districts of: Ballyvah Rural, Ballyvah Town, Ballyvah Carrickaslane, Clontibret, Tullycorbett.
AT THE TEACH O'CLEIRCHIN, MONAGHAN
on Thursday, 11th December, 2008 at 11.00 a.m. for the Polling Districts of: Anketell Grove & Enagh, Bollandale, Bragan & Killylough, Castleshane, Derrygarry & Shanmullagh, Emysile & Figollar, Glaslough, Monaghan Rural, Monaghan Urban, Rackwallace, Sheskin, Fedavnet, Tehallen, Seotstown.
AT THE CLONES TOWN COUNCIL OFFICES, PRINGLE BUILDING, CLONES
on Thursday, 11th December, 2008 at 2.30 p.m. for the Polling Districts of: Aghabog, Killeevan & Newbliss, Kilmora, Caddagh, Clones Rural, Clones Urban, Dawsongrove, Gishaneane, Clones & Carrin & Drumlilly, Drumbillagh, Drumnasat, St. Ternan, Arny, Creeve, Cormeen.
Paul Clifford
Director of Services Housing & Corporate Affairs

TEMPORARY CLOSING OF ROADS SECTION 75 ROADS ACT, 1993

Louth & Monaghan County Councils hereby give notice that the under-mentioned road will be closed to public traffic from the 10th December 2008 to the 9th December 2009 to facilitate major road reconstruction works on this route, namely the 'R178 Essexford to Rosslogh Road Improvement Scheme'.
► Regional Road R178 from Rosslogh to Essexford including all of the R178 within the Townlands of Essexford, Redbog, Stonetone Lower and Rosslogh
► Regional Road R178 within the Townland of Toomes
Local access will be permitted for residential and household service vehicles only for the duration of the proposed works.

National & Regional Traffic:
It is proposed to erect advance road closing signage for National and Regional Traffic approaching the roadworks area as follows:
• West bound traffic (Dundalk to Carrickmacross) shall have advance diversion signage in Dundalk and on the M1 (N33 Ardee Link and at Dundalk exits)
• East bound traffic (Carrickmacross to Dundalk) shall have advance diversion signage posted in Carrickmacross, Ardee and Castleblayney (N2).

Local Traffic
Local traffic diversion shall be as follows:
• For Westbound traffic approaching Ballakelly from Dundalk
Diversion at R178: Ballakelly Cross (North West) along L508622 and L508621 to Kedonminsha then (Southwest) along LP04621, LP11498 and LP08620 to its junction with regional Road R178 at Garlegobban and Essexford.
• For East bound traffic approaching Essexford roads from Carrickmacross
Diversion at R178: Garlegobban and Essexford (Northeast) along LP08620, LP11498, LP04621 (Kedonminsha) LP04622 through Iniskeen then Southbound along LP04623 to its junction with the R178 at Channonock.

Eugene McManus
Administrative Officer,
Transportation Dept
Louth County Council
County Hall
Millennium Centre
Dundalk

Michael Fitzpatrick
Director of Services Roads
Monaghan County Council
County Offices
The Glen
Monaghan

Website: www.louthcoco.ie roads@monaghancoco.ie
Date of this 4th day of December 2008.

Castleblayney Town Council Comhairle an Bhaile, Baile na Lorgan Notice of Draft Budget / Fogra i dTaobh Dreacht Cainaisneis

Notice is hereby given that the draft budget for Castleblayney Town Council for the local financial year ending the 31st day of December 2009 has been prepared and will be considered by the Town Council at the Budget Meeting to be held in Fontas, Castleblayney, Co. Monaghan on Wednesday the 10th day of December 2008 at 7.00 p.m. A copy of the said draft budget has been deposited in the offices of Castleblayney Town Council, Main Street, Castleblayney, Co. Monaghan and may be inspected free of charge by any member of the public at any time while the offices are open for the transaction of official business. A copy of the Annual Budget will be supplied to every person making application therefor at the price of €5.

Bheirtear fogra leis seo gur hullmháothán an dreacht cainaisneis Comhairle an Bhaile, Baile na Lorgan don bliain airgeadais a n-áiríodh dar críoch an 31ú lá de Nollaig 2009, agus go mbreithneoidh an Chomhairle é ag an cruinniú cainaisneis a thionófar san oifig na Fontas, Baile na Lorgan, Mhuineachán ar an 10ú de mhí na Nollaig 2008 ag 7.00 uir. Taisceadh cóip den dreacht cainaisneis sin na oifige na Comhairle an Bhaile, Baile na Lorgan, Mhuineachán agus feadfaidh an duine den phobal í a scrúdú ansin saor in aisce tráth ar bitá a bheas na hoifige ar oscailt le haghaidh gnotha oifige. Bheirtear cóip den dreacht cainaisneis do gach duine a iarras € 5 a tuair.
Town Clerk's Office,
Castleblayney.

www.monaghan.ie
Online Services: Planning Search | Interactive Planning Maps | Library Catalogue | Register of Electors | Online Payments | Motor Tax Online

WATERCARE
The Water & Sewage Treatment Specialists
Full Range of Domestic & Industrial Water Treatment Systems supplied and installed
• Drinking Water Systems (bacteria, chlorine, cryptosporidium)
• Water Analysis (iron, lime, manganese, bacteria etc)
• Well pumps supplied and installed
• Sewage Treatment Systems
• Pumping Stations
• Maintenance Contracts
Watercare, Unit 3, The Business Park,
Dublin Road, Carrick-on-Shannon, Co Leitrim
Tel: 071 9638155 Fax: 071 9638700

Dr. Rory O'Hanlon T.D.
will be available to meet Constituents Saturday 6th December
11am The Glencarn Hotel, Castleblayney
1pm Fianna Fáil Offices, 3 Park St, Monaghan
3pm Dr. Maeve Smyths House, Ballybay

COMHAIRLE CHONTAE AN CHABHAIN CAVAN COUNTY COUNCIL
EMERGENCY ROAD CLOSURE
Temporary Closing of Roads pursuant to Section 75 of Roads Act 1993 and Article 12 of Road Regulations 1994.
Notice is hereby given that Cavan County Council has made an order to close to public traffic the roads described hereunder from 8.00 a.m. on Tuesday 9th Dec 2008, to 6.00 p.m. on Thursday 11th Dec 2008, for the purpose of Surface Overlay.
Road Closed:
R165 Kingscourt to Carrickmacross. Diversion via Shercock R162/R178.
Local access only will be accommodated.
Frank Gibbons,
Director of Services,
Cavan County Council,
Courthouse,
Cavan.

MONAGHAN TOWN COUNCIL COMHAIRLE BAILE MHUINEACHÁIN
NOTICE OF DRAFT BUDGET / FOGRA I DTAOBH DREACHT CAINAISNEIS
Notice is hereby given that the draft budget of Monaghan Town Council for the local financial year ending on the 31st day of December 2009 has been prepared and will be considered by the Council at the Statutory Annual Budget Meeting to be held in the Council Offices, 1 Dublin Street, Monaghan on Monday, 15th December 2008 at 4.30 p.m. A copy of the said draft budget has been deposited in the offices of the Council at 1 Dublin Street, Monaghan and may be inspected free of charge by any member of the public at any time while the offices are open for the transaction of official business. A copy of the draft budget will be supplied to every person making application therefor at the price of €5.
Bheirtear fogra leis seo gur hullmháothán an dreacht cainaisneis Comhairle Bhaile Mhuineachán don bliain airgeadais a n-áiríodh dar críoch an 31ú lá de Nollaig 2009, agus go mbreithneoidh an Chomhairle é ag an cruinniú cainaisneis a thionófar san Áras an Bhaile, 1 Sraid Bhaile Átha Cliath, Mhuineachán ar an 15ú lá de mhí na Nollaig 2008 ag 4.30 uir. Taisceadh cóip den dreacht cainaisneis sin na oifige na Comhairle an Bhaile Mhuineachán agus feadfaidh an duine den phobal í a scrúdú ansin saor in aisce tráth ar bitá a bheas na hoifige ar oscailt le haghaidh gnotha oifige. Bheirtear cóip den dreacht cainaisneis do gach duine a iarras € 5 a tuair.
Marie Deighan
Town Clerk
1 Dublin Street
Monaghan
4th December 2008.
Oifig Chleireach an Bhaile
1 Sraid Bhaile Átha Cliath
Mhuineachán

MIDDLETOWN TARMAC ASPHALT & TARMAC
BITUMEN MACADAM SURFACING CONTRACTOR
Driveways, Car Parks, Roads, etc.
FREE ESTIMATES
048 37568540 / 087 277 1991

Drumgole Group Water Scheme
Water Interruption from Monday 8th December to Friday 12th December Due to Maintenance of Lines
Signed: The Committee