## Test Report

### Report of: Effluent Analysis

### Report to: Office of Environmental Enforcement, EPA.

### Report date: 05/01/12

**Water Services Authority:** Leitrim County Council

**RegNo:** D0154-01

**Agglomeration:** Carrick on Shannon

**Sampling location:** DL-D0154-01-SW1, Carrick on Shannon WWTP D0154-01-SW1

**Duplicate sample:** Grab / Composite

**Date collected:** 24/11/2011

**Date received:** 24/11/2011

**Comments:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Units</th>
<th>Limits</th>
<th>Status of results</th>
</tr>
</thead>
<tbody>
<tr>
<td>F.</td>
<td>Temperature</td>
<td>°C</td>
<td>&lt; 25</td>
</tr>
<tr>
<td>B7</td>
<td>pH</td>
<td>pH</td>
<td>&gt; 6 And &lt; 9</td>
</tr>
<tr>
<td>**</td>
<td>BOD (with nitrification inhibition)</td>
<td>mg/l O2</td>
<td>&lt; 25</td>
</tr>
<tr>
<td>B3</td>
<td>Chemical Oxygen Demand</td>
<td>mg/l O2</td>
<td>&lt; 125</td>
</tr>
<tr>
<td>B8</td>
<td>Suspended Solids</td>
<td>mg/l</td>
<td>&lt; 35</td>
</tr>
<tr>
<td>B17</td>
<td>Ammonia</td>
<td>mg/l N</td>
<td>&lt; 9</td>
</tr>
<tr>
<td>B2</td>
<td>Total Phosphorus</td>
<td>mg/l P</td>
<td>&lt; 0.92</td>
</tr>
</tbody>
</table>
Results highlighted and in bold exceed specified limits even taking uncertainty of measurement into account.

Uncertainty of measurement values have been assigned for each parameter and those for accredited tests are given on the back of the report. Uncertainty figures are automatically applied when calculating limit exceedances as per note 1.

All metals analysed in EPA Richview Laboratory Cyanides, PAH’s, Bromates, Phenols, Pesticides, Atrazine, Simazine, Kjeldahl Nitrogen and Surfactants are sub-contracted to either Alcontrol Laboratories or TMS Environment Ltd.

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1) Results highlighted and in bold exceed specified limits even taking uncertainty of measurement into account
2) Uncertainty of measurement values have been assigned for each parameter and those for accredited tests are given on the back of the report. Uncertainty figures are automatically applied when calculating limit exceedances as per note 1.
3) All metals analysed in EPA Richview Laboratory Cyanides, PAH’s, Bromates, Phenols, Pesticides, Atrazine, Simazine, Kjeldahl Nitrogen and Surfactants are sub-contracted to either Alcontrol Laboratories or TMS Environment Ltd.
4) nm “Not measured”
5) nd “None detected”
6) nt “No time” - Time not recorded
7) tnic “Too numerous to count”
8) fqc Indicates that the testing did not meet the quality control criteria as required by INAB and therefore the result cannot be reported.
9) F “Field measured parameters”
10) "*** indicates parameters/results produced from non-accredited analytical methods.
11) Test Reports relate only to the samples tested and as described on report form.
12) Test Reports shall not be reproduced, except in full, without the consent of the EPA.
13) The laboratory is accredited by the INAB only for the parameters listed in the scope of Accreditation.
14) Coliform Bacteria – Total Coliforms; E.Coli – Faecal Coliforms.
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