

Updated:9/2/11

## EO Regulations Assessment Template: Licence Examination Report 2010

### Part 1 Identification of Licence

|   |   |
|---|---|
| Examiners Name:   | Patricia Murphy   |
| Date of examination:  | 02/08/11  |
| Waste/IPPC Licence Register No.:                                | W0165-02  |
| Licensee:   | Greenstar Holdings Limited                              |
| Location (Site) Address:  | Ballynagran, Coolbeg and Kilcandra, Co Wicklow, Wicklow |
| Class(es) of Activity EPA/WA licensed:<br><small>Note 1</small> | 3.5: Metals.  |
| Date of Issue of licence:                                       | 23/03/2010  |

Note 1 This should identify the class of activity as referenced in the original First Schedule to EPA Act and Third and Fourth Schedules to WMA 1996.

### Follow Schedule A Decision Trees to Surface Water and to Groundwater

I have carried out an examination of this licence and I recommend the following action.

|   | Yes | No |
|---|-----|----|
| Licence <b>complies with</b> EO GW Regs requirements and a <b>declaration</b> can be issued to that effect. |     |    |
| Licence <b>complies with</b> EO SW Regs requirements and a <b>declaration</b> can be issued to that effect. |     |    |

Note 1: See attached Schedule A for standard conditions wording. Where the existing wording can be taken to meet the objectives of the wording in Schedule A it can be taken as compliant.

|  |            |  |
|--|------------|--|
| <p>Licence <b>does not comply</b> with the requirements of the EO <b>GW</b> Regs, Licence can be brought into compliance with a <b>technical amendment</b> and insertion of conditions identified in Part 2 above.</p> | <p>Yes</p> |  |
| <p>Licence <b>does not comply</b> with the requirements of the EO <b>SW</b> Regs, Licence can be brought into compliance with a <b>technical amendment</b> and insertion of conditions identified in Part 2 above.</p> |            |  |
| <p>Licence <b>does not comply</b> with the requirements of the EO <b>GW</b> Regs and having regard to the degree of non-compliance a <b>full-scale review</b> is considered appropriate.</p>                           |            |  |
| <p>Licence <b>does not comply</b> with the requirements of the EO <b>SW</b> Regs and having regard to the degree of non-compliance a <b>full-scale review</b> is considered appropriate.</p>                           |            |  |

Comments:

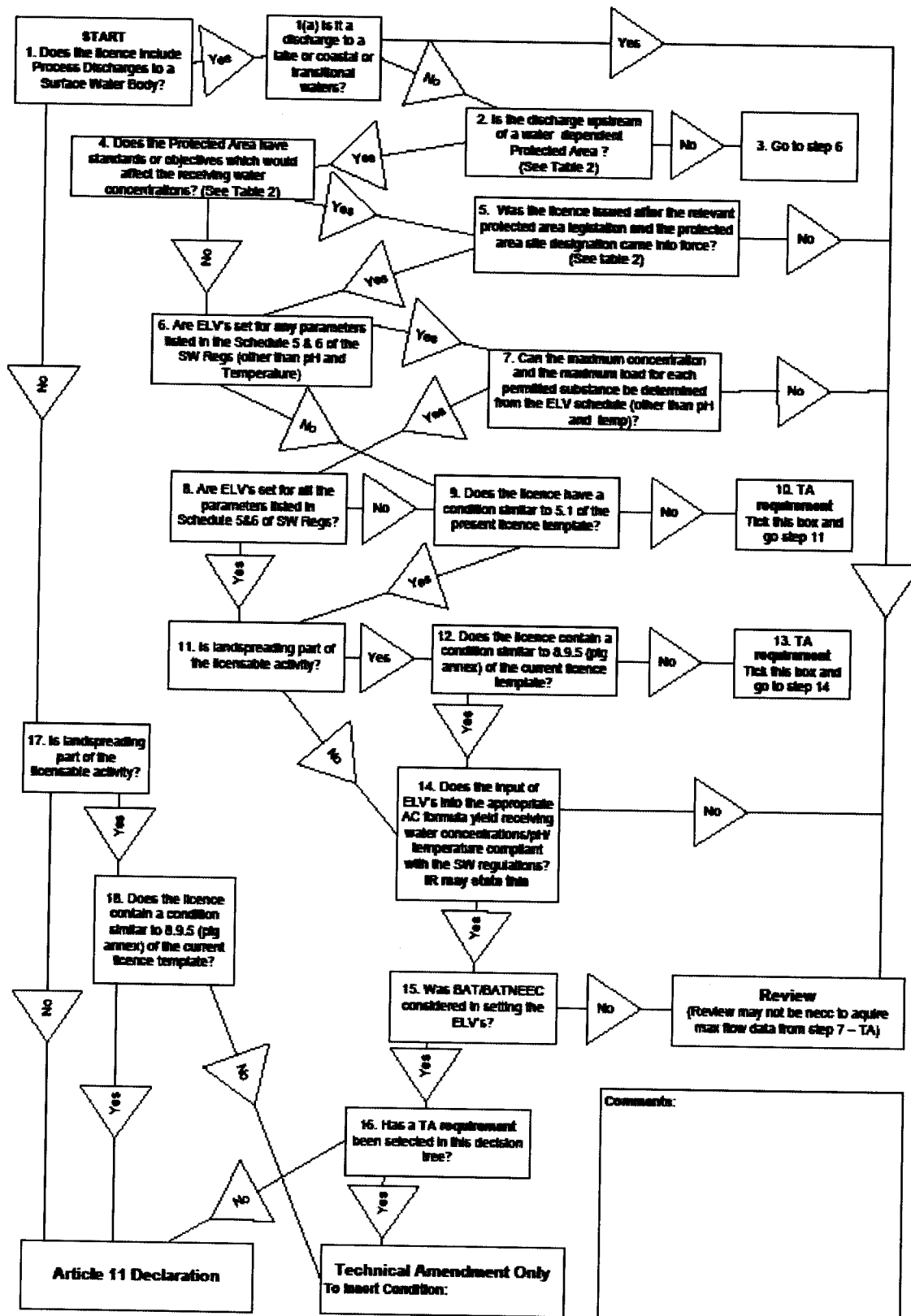
Licence assessed for compliance with Environmental Objectives Groundwater Regulations as there is a landfill is at installation/facility.

Here are the results:

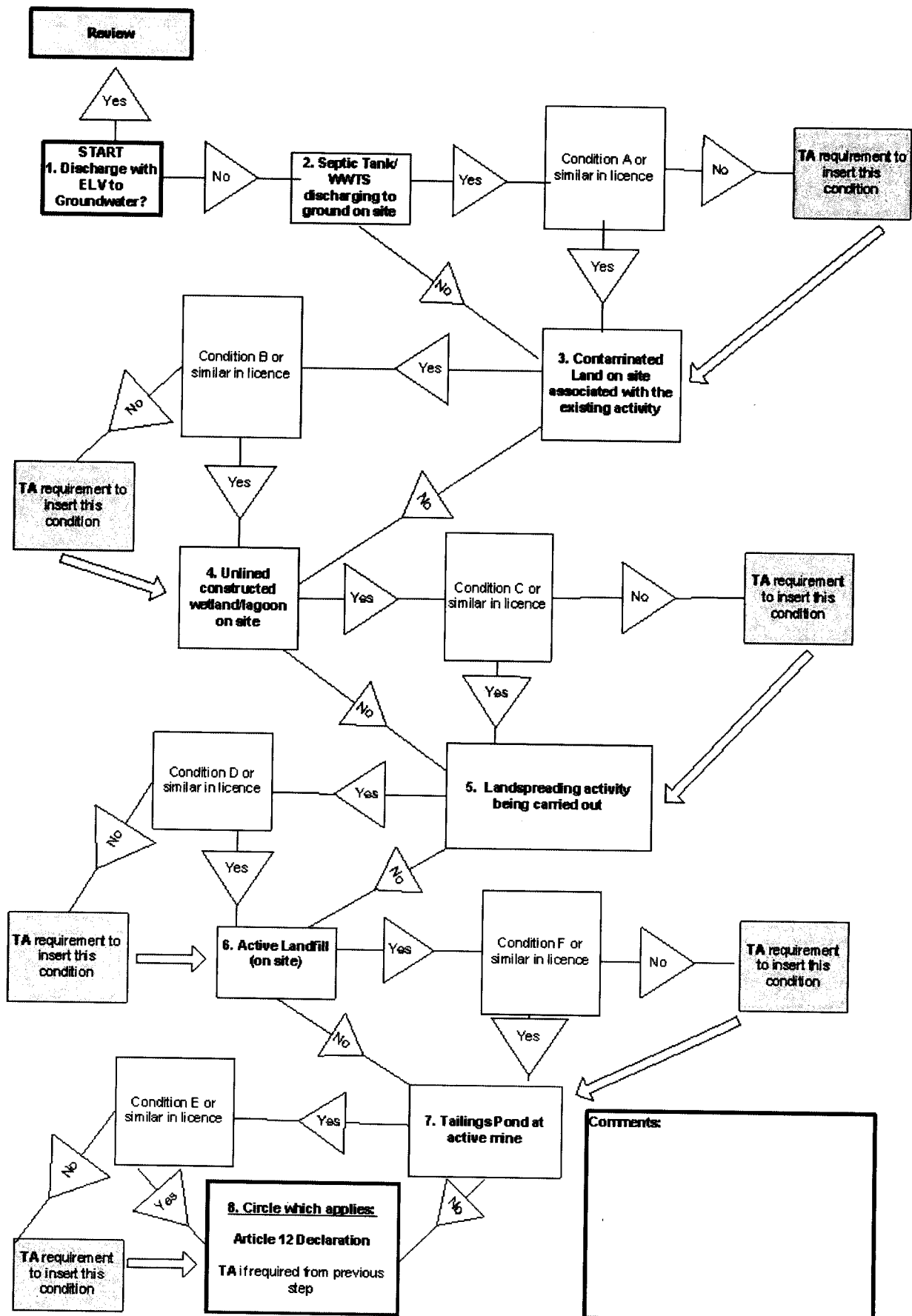
| <b>Lined/Unlined?</b> | <b>Requires Trigger Level Condition (requires it if lined and condition not in licence already or does not refer to any legislation)</b> | <b>Requires Hydrogeo Condition (requires it if unlined landfills or partially unlined)</b> |
|-----------------------|--|--|
| Lined                 | Yes  | No   |

TA is most likely required.

Schedule A Decision Tree – Discharge to Surface Water



# Decision Tree – Discharge to Groundwater



## List of Conditions

|          |  |  |
|----------|--|--|
| <b>A</b> | <b>On-site Wastewater Treatment Systems</b>  | <p>The licensee shall provide and maintain a Wastewater Treatment plant at the facility/installation for the treatment of sanitary effluent arising on-site. Any waste water treatment system and any percolation area shall satisfy the criteria set out in the <i>Wastewater Treatment Manual, Treatment Systems for Single Houses</i>, published by the Environmental Protection Agency.</p> <p>Note this condition may alternatively refer to Wastewater Treatment Manuals – Treatment Systems for Small Communities, Business, Leisure Centres and Hotels.</p>                                      |
| <b>B</b> | <b>Contaminated Land associated with existing activity</b>   | <p>In licence, condition may read similar to :</p> <p>The licensee shall, within twelve months of date of grant of this licence, arrange for the carrying out, by an appropriately qualified consultant/professional, of a comprehensive hydrogeological investigation of the site. The scope, detail and programme, including report structure and reporting schedule, for this investigation must be agreed by the Agency prior to implementation. Any recommendations arising from a report or reports on this investigation must be implemented within such a period to be agreed by the Agency.</p> |
| <b>C</b> | <b>Unlined Constructed Wetlands</b>  | <p>Ambient monitoring will require groundwater monitoring in the vicinity of the unlined constructed wetland/lagoons. Including parameters Phosphorus and Nitrogen.</p>  |
| <b>D</b> | <p><b>Landspreading</b></p> <p><b>(Similar to Condition 8.9.5 (pig annex) of current licence template)</b></p> | <p>In licence the condition may read similar to the following:</p> <p>Landspreading shall, as a minimum, be carried out in accordance with S.I. No. 101 of 2009 European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2009. All landspreading activities shall be carried out in such a manner as to avoid contamination of surface waters and groundwaters, and so as to minimise odour nuisance.</p> <p>Note this condition may alternatively refer to earlier GAP Regulations</p>  |
| <b>E</b> | <b>Landfill</b>  | <p>In licence Schedule C.6 Ambient monitoring will require groundwater monitoring and include relevant hazardous parameters.</p> <p>Licence conditions may read similar to the following:</p> <p>Within three months of the date of grant of this licence, the licensee shall submit to the Agency for its agreement, groundwater monitoring trigger levels in accordance with the requirements of Directive 1999/31/EC, <b>Directive 2000/60/EC, Directive 2006/118/EC and the European Communities Environmental Objectives (Groundwater) Regulations 2010</b></p>                                     |
| <b>F</b> | <b>Tailings Pond at Active Mine</b>  | <p>In licence Schedule C.6 Ambient monitoring will require groundwater monitoring and include relevant hazardous parameters or the licence may require specific groundwater monitoring of the tailings management facility.</p>  |

|     |  |   |
|-----|--|---|
|     |  | <p>Licence conditions may read similar to the following:</p> <p>Groundwater adjacent to the TMF shall be monitored as set out in <i>Schedule 3(iii) Monitoring of Tailings Management Facility</i> of this licence.</p>             |
| N/A | <b>Condition 5.1 of current licence template</b> | <p>No specified emission from the installation/facility shall exceed the emission limit values set out in <i>Schedule B: Emission Limits</i>, of this licence. There shall be no other emissions of environmental significance.</p> |

Signed

*Patricia Murphy*

Date 02/08/11