Wessex Water will consider accepting temporary discharges of contaminated groundwater to the public foul sewer in pursuance of the provisions of the Water Industry Act 1991. This document summarises Wessex Water’s requirements.

1 The occupier of the premises (usually the contractor responsible for managing the disposal of groundwater) is required to obtain temporary trade effluent Agreement from Wessex Water to authorise a discharge to the public sewer.

2 All discharges of contaminated groundwater must go to the public foul sewer.

3 Discharge of groundwater to the public sewer without Wessex Water’s Agreement is a criminal offence.

4 Discharge of groundwater in contravention of any Agreement condition is a criminal offence.

**Applying for a temporary Agreement**

5 To apply for a temporary discharge Agreement the occupier should download and return a temporary discharge application form from our web-site.

6 The following additional information must accompany the notice:
   - site plan showing public sewer connection and sample point
   - full analysis of groundwater quality by a UKAS accredited laboratory
   - method statement for collecting, treating and monitoring the groundwater

7 Within a maximum period of two months of receipt of the completed application Wessex Water shall issue a temporary Agreement or otherwise refuse to grant Agreement. There is a right of appeal to the Office for Water Services (OFWAT).

**Special Category Effluent**

8 Under the Water Industry Act 1991 Wessex Water is unable to authorise any discharge of special category substance above background concentration without referring the application to the Environment Agency for determination. A list of special category substances is contained in Appendix 1.

9 Any referral to the Environment Agency is likely to considerably delay the issue of a temporary Agreement and in view of this alternative disposal options should be considered in such cases.

**Temporary Agreement Conditions**

10 A temporary Agreement will normally operate for a six-month period.

11 Appendix 2 lists Wessex Water’s standard conditions for the acceptable quality of temporary groundwater discharges. These limits may vary depending on local circumstances.

12 The Agreement holder is responsible for providing and maintaining the necessary on-site effluent treatment to ensure these conditions are complied with at all times.

13 In addition to the limits in Appendix 3 restrictions will be placed on the following parameters:
   - maximum daily volume
   - maximum rate of flow
   - pH (usually within the range 6 to 10)
   - temperature (43.3°C)

14 If required, drains, sampling and testing points shall be provided through which the effluent and nothing else shall pass.

15 No change shall be made in the point or points at or through which the effluent is to be discharged to the public sewer except with the agreement of Wessex Water.

16 The effluent shall not include any substances of a nature, composition or quantity likely, either alone or in combination with the contents of the sewer, to:
   - injure the public sewers into which it is discharged or by which it is conveyed, or
   - interfere with the free flow of the contents of the public sewers aforesaid, or
   - injure the sewage treatment works or any machinery or equipment installed thereat, or
   - interfere with any processes of purification of sewage or trade effluent, or
   - cause a nuisance or give off a vapour or harmful substance, or
   - affect prejudicially the quality of the watercourse receiving the purified sewage effluent.
   - be dangerous to or cause injury to any person working in the sewer or at the sewage treatment works

**Effluent Monitoring**

17 A suitable effluent flow measurement and/or logging system for the discharge must be provided and maintained at all times.

18 During the period of the discharge Wessex Water will require access to the discharge points and effluent measurement facilities at all times.

19 During the period of the discharge, the Agreement holder is responsible for ensuring compliance with this agreement.

20 Wessex Water may monitor the effluent on a random basis, as necessary, to ensure compliance with the conditions of the Agreement.

21 Records of the volume and rate of discharge, of any effluent discharged must be kept for a period of 12 months following the cessation of the discharge, together with records of any meter readings provided in compliance with the conditions of this agreement.
All information, figures and records, required by the Wessex Water for compliance or charging purposes, must be provided on demand.

22 Wessex Water reserves the right, in the event of any operational difficulties, to require the discharge to be suspended or be restricted as may be necessary at that time.

23 Effluent monitoring requirements will vary and depend on local circumstances. Typically weekly representative samples should be taken and analysed by the occupier at a UKAS accredited laboratory for determinands listed in the Agreement. The results of these samples should be reported to Wessex Water within 7 days.

24 The discharger is responsible for notifying Wessex Water immediately if any chemical or otherwise polluting discharge to the public sewer or breakdown of any treatment plant or process is likely to cause a breach of any of the conditions of this agreement.

**Charges**

25 The Agreement holder is responsible for paying the following charges on demand in respect of administration, sampling and conveyance and treatment of the trade effluent.

- Administration/minimum charge in accordance with trade effluent charges scheme
- Volumetric charge in accordance with trade effluent charges scheme
- Sampling charge – £300 for each sample taken and analysed by Wessex Water
## Appendix 1

### Special category substances

<table>
<thead>
<tr>
<th>Substance</th>
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</thead>
<tbody>
<tr>
<td>Mercury and its compounds</td>
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<tr>
<td>Cadmium and its compounds</td>
</tr>
<tr>
<td>Gamma – Hexachlorocyclohexane</td>
</tr>
<tr>
<td>DDT</td>
</tr>
<tr>
<td>Pentachlorophenol</td>
</tr>
<tr>
<td>Hexachlorobenzene</td>
</tr>
<tr>
<td>Hexachlorobutadiene</td>
</tr>
<tr>
<td>Aldrin</td>
</tr>
<tr>
<td>Dieldrin Endrin Carbon</td>
</tr>
<tr>
<td>Tetrachloride</td>
</tr>
<tr>
<td>Polychlorinated Biphenyls</td>
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<tr>
<td>Dichlorovos</td>
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<tr>
<td>1,2-dichloroethane</td>
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<tr>
<td>Trichlorobenzene</td>
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<tr>
<td>Atrazine</td>
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<tr>
<td>Simazine</td>
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<tr>
<td>Tributyletin compounds</td>
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<tr>
<td>Triphenyltin compounds</td>
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<tr>
<td>Trifluralin</td>
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<tr>
<td>Fenitrothion</td>
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<tr>
<td>Azinphos-methyl</td>
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<tr>
<td>Malathion</td>
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<tr>
<td>Endosulphan</td>
</tr>
</tbody>
</table>
Appendix 2

1. The effluent shall not at any time include the following substances:
   a. Volatile petroleum products producing an inflammable vapour at a temperature of less than seventy three degrees Fahrenheit when tested in accordance with the Petroleum (Consolidation) Act 1928.
   b. Chlorinated hydrocarbons and related compounds.
   c. Calcium carbide
   d. Carbon disulphide
   e. Asbestos and asbestos-like fibres
   f. Sludges arising from the pre-treatment of trade effluent before discharge to sewer
   g. Biocides including pesticides, herbicides and fungicides
   h. Persistent synthetic substances that may sink, float or remain in suspension and which may interfere with the flow, treatment or recycling of sewage or sewage products

2. Cyanide expressed as CN shall not on acidification exceed 0.5 mg/l of effluent

3. Sulphides expressed as S shall not exceed 1 mg/l of effluent.

4. Sulphates as SO₄ shall not exceed 1,000 mg/l of effluent.

5. Suspended Solids shall not exceed 500 mg/l of effluent.

6. Chemical Oxygen Demand shall not exceed 250 mg/l of effluent.

7. The metals listed below shall not exceed the concentration stated in milligrams per litre (mg/l) of effluent of soluble or insoluble salts or compounds, expressed as the metal.
   a. Chromium (Cr) shall not exceed 1 mg/l of effluent.
   b. Copper (Cu) shall not exceed 1 mg/l of effluent.
   c. Lead (Pb) shall not exceed 1 mg/l of effluent.
   d. Nickel (Ni) shall not exceed 1 mg/l of effluent.
   e. Zinc (Zn) shall not exceed 1 mg/l of effluent.
   f. Arsenic (As) shall not exceed 1 mg/l of effluent.

8. The effluent shall not contain materials which may be retained by a screen having perforations of 6.0 mm in diameter.

9. The effluent shall not at any time contain the following substances, or their compounds, in excess of the concentrations stated (in micrograms per litre):
   a. Chloroform 3
   b. Total PAH* 20
   c. Total Phenol 5
   d. Tetrachloroethene 10
   e. Trichloroethene 30
   f. Total Hydrocarbons 100
   g. Benzene 10
   h. Toluene 10
   i. Total Xylene 50

*Poly-aromatic hydrocarbons