A.1.a. **INDICATIVE USER REQUIREMENTS**

**UR 1.** The general requirements are to:

**UR 1.1.** Change in the effective date setting of the T006.3 transaction (as per the changes made to the setting of Rateable Value in SupplyPointInfo in the June 2012 release);

**UR 1.2.** The opportunity should be taken to make the equivalent changes in the T006.2 transaction in respect of water service elements.

**UR 2.** The processing of the T006.3 should be changed as follow:

**UR 2.1.** If there is a Property Drainage Flag in the message then:

- If the Property Drainage flag in the Message is set to true and the Supply Point does NOT contain a Property Drainage Service Element:
  - Create a new Property Drainage element, set the Owning Supply Point to the loaded Supply Point, set the Effective From date to 1980-01-01 and the Service Element Name to Property Drainage.
  - Else if the Property Drainage flag in the Message is set to false and the Supply Point does contain a Property Drainage Service Element:
    - Remove the Property Drainage Service Element

**UR 2.2.** If there is a Roads Drainage Flag in the message then:

**UR 2.2.1.** The processing should be equivalent to that of the Property Drainage flag specified above.

**UR 3.** The field Services to Caravans (Sewerage) should also be removed from the T006.3. Consider options (i) re just masking (eg hiding in LVI and remove from schema); and (ii) fully removing the code

**UR 4.** A data cleanse script will need to be created and run in respect of Property and Roads drainage.

**UR 4.1.** In respect of all pre-Tradable sewerage SPIDs which have a Property Drainage Service Element, move the effectiveFrom date of the Service Element to 1980-01-01.

**UR 4.2.** In respect of all pre-Tradable sewerage SPIDs which have a Roads Drainage Service Element, move the effectiveFrom date of the Service Element to 1980-01-01.

**UR 5.** The processing of the T006.2 should be changed as follow:

**UR 5.1.** Set the Is Croft or Farm flag on all the dated SupplyPointInfo (SPI) records to the Farm Croft flag passed in with the Message (i.e. to the ‘1980-01-01’ record and any other SPI records with a later effectiveFrom date)

**UR 5.2.** Troughs and Drinking Bowls:

- Calculate the number of Water Service Elements of type Troughs And Drinking Bowls on this Water Supply Point as of 1980-01-01
- Validation on the T006.2 should be modified such that, if the value of Troughs and Drinking Bowls is greater than zero, the Farm/Croft flag must be set to FARM or CROFT. If this is not the case, the transaction should be rejected and a T009 sent to the sender (via the T9 Helper), with a suitable error code.
- If the value of Troughs And Drinking Bowls defined in the Message is GREATER than
the Number of Troughs And Drinking Bowls Service Elements calculated in the previous step:

- For every new Troughs And Drinking Bowls service element:
  - Create a new Taps and Troughs Service Element. Set the Owning Supply Point to be the loaded Supply Point. Set the Effective From date to 1980-01-01. And set the Service Element Type to be Troughs And Drinking Bowls.
- Else if the value of Troughs And Drinking Bowls passed in with the Message is LESS than the Number of Water Service Elements calculated:
  - Build a list of Taps and Troughs Service Elements that belong to the Supply Point.
  - Select all the Taps and Troughs Service Elements greater than the Taps And Troughs Service Elements number that was passed in with the Message (e.g. if 6 was passed in select all but the first 6).
  - Remove these extra service elements.

**UR 5.3.** Outside Taps

- Treat as per Troughs and Drinking Bowls

**UR 6.** The field Services to Caravans (Water) should also be removed from the T006.2 in the same manner as the equivalent sewerage field was removed from the T006.3.

**UR 7.** A data cleanse script will need to be created and run in respect of both (i) Taps; and (ii) Troughs and Drinking Bowls.

**UR 7.1.** In respect of all pre-Tradable water SPIDs:

**UR 7.1.1.** Remove any Service Element for either (i) Taps; or (ii) Troughs and Drinking Bowls which have a non-NULL Effective To Date

**UR 7.1.2.** Set the Effective From Date of all other Service Element for either (i) Taps; or (ii) Troughs and Drinking Bowls to 1980-01-01

**UR 8.** Generally changes will be needed to the

**UR 8.1.** Schema;

**UR 8.2.** LVI processing pages; including

**UR 8.2.1.** Removal of redundant fields to support the above user requirements.