Where to set compliance points for groundwater risk assessments for infiltration systems

When setting compliance points for groundwater risk assessments for infiltration systems, you need to:

1. Set the Environmental Standard at the receptor.
2. Set a compliance point distance between the source and the receptor.
3. Undertake a quality measurement(s) at intermediate monitoring point(s) to give advance information before it reaches your compliance point.

A compliance value should be set at the compliance point.

A compliance value is a concentration at the compliance point that should not be exceeded. The purpose of the selected compliance value is to provide protection to a down-gradient receptor – provided the compliance value is met the relevant environmental standard for the receptor(s) should also be met. Exceedance of the compliance value indicates that the discharge is not acceptable and that additional treatment or modifications to the drainage system will be required before a permit can be granted. In some cases a compliance value may form a condition to the permit in addition to the limit values for the discharge itself.