**Description of field names I NWG supplied information for Depth Hack**

**Water Assets**

|  |  |
| --- | --- |
| Category | This tells us whether this is a sewer or a water main or a sewer node |
| Code | Not used |
| DateLaid | Actual date laid, if blank then refer to ReviewAge |
| Diameter | Simply the diameter of the pipe, if blank refer to ReviewDiam |
| FID | Unique identifier |
| Geometry\_Length | Length in metres of the feature/pipe |
| ID | NWG internal unique ID for asset |
| Material | What the pipe is made of. Refer to key for list of Main Materials. If blank refer to Review Mate |
| Model | Not used |
| NetworkFun | This describes the purpose of the main, whether it is a Trunk or distribution main and whether it carries raw or drinkable water. This is almost certainly not relevant to depth |
| ReviewAge | This can be used if DateLaid is blank. It was derived or inferred from other information such as date nearby properties built or other such inferences. |
| ReviewDiam | This can be used if Diameter is blank. It was derived or inferred from other information. |
| Review Mate | This can be used if Material is blank. It was derived or inferred from other information such as material of nearby pipes and/or date laid. |
| User\_label | Not used |

**Sewerage Assets**

* Depths and Cover Levels are in mm
* Sewer that have a FlowType = PMP are rising mains and their depth will follow a different convention to a gravity (GRV) sewer

|  |  |
| --- | --- |
| Category | This tells us whether this is a sewer or a water main or a sewer node |
| Code | Not used |
| DownDepth | this is the depth of the incoming pipe to the next manhole/chamber **down**stream. It might be the same as the chamber depth but not necessarily. Sometimes the manhole chamber itself is deeper and pipes feed in to the wall of the chamber at some point above the bottom. Therefore, the depth is taken from the cover level down to the bottom of the incoming pipe |
| DownNode | this is the node ID of the next manhole/chamber downstream of the current sewer |
| FID | Not used - Unique identifier |
| FlowType | This determines whether the sewer is Gravity fed or not (pumped for instance). See key |
| Geometry\_Length | Length in metres of the feature/pipe |
| Height | This is the diameter of the pipe, but If the sewer is not circular (Square or oval for instance) it can have a height AND a width |
| ID | Not used |
| Material | What the pipe is made of. Refer to key for list of *Sewer* Materials. If blank refer to ReviewMate instead |
| Model | Not used |
| ReviewAge | This can be used if YearLaidBa is blank. It was derived or inferred from other information such as date nearby properties built or other such inferences. |
| ReviewDept | This can be used if DownDepth and UpDepth are blank. It was derived or inferred from other information. |
| ReviewDiam | This can be used if Diameter is blank. It was derived or inferred from other information. |
| SewerUsage | This describes the type of sewer. See key for different values |
| UpDepth | this is the depth of the incoming pipe to the next manhole/chamber **UP**stream and measured in mm from the level of the cover down to the incoming pipe. |
| UpNode | this is the node ID of the next manhole/chamber **UP**stream of the current sewer |
| User\_Label | Not used |
| Width | Only used if non-circular. This is the other diameter dimension if the pipe is not circular. If it has a value, it indicates this pipe is not circular. The other dimension (height) should be taken from the height field |
| YearLaidBa | If not blank, this is the known date the sewer was laid. Not inferred. |

Sewage Node (Manhole/Chamber)

|  |  |
| --- | --- |
| InvertDept | Measured depth within a manhole chamber from cover level down to the very bottom of the chamber. Its possible a pipe would emerge into the chamber part way up the wall (this is called “backdrop”) |
| NodeTye | See key for possible values |
| SewerUsage | See key for possible values |
| CoverLevel | Measured cover level height above sea level (AOD) in mm |
| InfCovLev | A new attribute “ InfCovLev” Inferred Cover Level has been created which shows the ground level in mm interpolated from our OS Terrian 5 data. This is a 5m gound model grid. Height above sea level. Useful when CoverLevel is blank |
| Chamber Type | See key for possible values |

CoverLevel or InfCovLev

InvertDept

Or

ReviewDepth

DownDepth

UpDepth

Sewer