



Electronic As Constructed Field Note Expectations

STATEMENT AND PURPOSE

The intention of this document is to set out the basic rules of what is required on a sewer and/or water field note. It is by no means an exhaustive list, but more deals with common queries Gippsland Water receives from accredited pipelayers and design consultants. The field notes must be submitted as a legible PDF document.

Sewer Field Note

Title naming convention

Only title lots that are being directly serviced via a Property Connection (PC) or where the sewer main passes through the land (Lot, Road, Reserve etc). – eg SEWER - LOT 1 2 3 4 5 SMITH STREET TRARALGON - PS707707 S.PDF

*** must be titled LOT, not LOTS.**

If affected lots are on two or more different streets, label as SEWER – LOT 1 2 3 4 5 SMITH STREET LOT 7 8 9 10 11 BOB CRESCENT TRARALGON PS707707 S.PDF

Detail

- All lots both serviced by the main and fronting the main must be shown and labelled, along with street names and offsets from title boundary.
- Should focus on that particular length of sewer main from downstream structure to the next structure directly upstream only.
- The alignment of the sewer main that enters the upstream structure and exits the downstream structure must also be shown.
- All lots that are serviced by length of main to be shown, along with any lots the main passes through but doesn't service **and** any lots adjacent to the main (this helps show the relationship of the land with respect to the sewer main) with affected streets labelled.
- All future lots are to be labelled as **Future Lot**, with title boundaries shown as a dashed line (to show as being indicative) as opposed to a solid line.
- Offset of sewer main, in relation to title boundaries.
- North arrow must be shown
- All appropriate boxes around the detail and property connections columns must be filled in.

Cheat sheet

Standard abbreviations to be used against chainages:

SPS	Sewer Pump station
MH	Maintenance hole
MS	Maintenance shaft
TMS	Terminal maintenance shaft
MC	Maintenance chamber
DE	Dead end
PC	Property connection
SqJ	Square junction
OB	Oblique bend
T	Title boundary/peg
F	Fence
CR	Dangerous service crossing
IO	Inspection opening
FSL	Finished surface level

Property Connections table relates to offsets and depth of property connection branches.

Length to J.U. – means length to jump up, measured from the sewer main/structure to the vertical riser of the property connection.

Length to OB. – means length to oblique bend, measured from the sewer main/structure to bend in PC.

Length to E.P. means length to the end point of the property connection, measured from the sewer main/structure to the end of the PC. This is where the licensed plumber connects the sanity drain.

Rise (J.U.) – means how far the jump up rises above the invert of the sewer main.

Invert of Point – means invert level of the sewer point.

AHD – means Australia Height Datum.

N.S.L. (Point) – means natural surface level at the point, in Australian Height Datum.

Type – means type of PC ie. 2A, 4A etc.

Other – any other details that might be relevant, ie. depth of JU if 2A/4A, size of stub for future main extension, PC diameter if >DN100 etc.

Water Field Notes

Title naming convention

Only lots that are being serviced by the main are to be titled – eg. WATER – LOT 1 2 3 13
57 JENKINS AVENUE TRARALGON - PS322156 T.PDF

*** must be titled LOT, not LOTS.**

Detail

- All lots both serviced by the main and fronting the main must be shown and labelled, along with street names and offsets from title boundary.
- Scale should be easily readable if printed on A4 sized paper.
- Does not have to be drawn to scale (Try not to show too much info though).
- Size of water main and material used for each section of pipe.
- Offset of surface covers of hydrants & sluice valves from title boundary.
- Offset of water main to title boundary.
- North arrow.

CHECKLIST

Sewer
Lot layout matches Plan of Subdivision
Lot number and street name shown
North arrow
Offset of sewer main in relation to title boundaries.
Size of main and material noted
Chainage from title boundary or maintenance structure to connection
All appropriate boxes around the detail and property connections columns are filled in. ie. Length to JU, type of connection, depth, size of connection
Upstream & downstream structures are noted
Field note is legible

Water
Lot layout matches Plan of Subdivision
Lot number and street name shown
North arrow
Size of main and material noted
Offset of water service to one or both side boundaries
Field note is legible