

MARKING TAPE

1. PURPOSE

To outline East Gippsland Water's (EGW) standard requirements for marking tape, where the requirements vary from or require further clarification to the Water Services Association of Australia (WSAA) Gravity Sewerage Code of Australia WSA 02-2014 Version 3.1 (WSA 02-2014) and Water Supply Code of Australia WSA 03-2011 Version 3.1 (WSA 03-2011); relevant clauses are shown in italics. The standard requirements outlined in this document shall be adopted for all circumstances requiring marking tape unless approved otherwise in writing by EGW.

2. APPROVAL

Executive Manager Infrastructure

3. REQUIREMENTS

EGW requires marking tape to be installed at all sewer connection points to surface and over all water, recycled water and sewer mains. The following requirements also apply:

- All water and sewer mains shall be installed with marking tape laid to a depth of 300mm from the finished surface level for water mains and shallow sewer mains (*clause 5.4.16 of WSA 03-2011 and 16.11 of WSA 02-2014*). For deep sewer mains marking tape is to be a maximum of 1m from the finished surface level (*clause 16.11 of WSA 02-2014*).
 - Water mains marking tape will be blue and must have the word 'WATER' printed on it (*clause 4.2.5 of WSA 03-2011*).
 - Sewer mains marking tape will be cream and must have the word 'SEWER' printed on it (*clause 4.2 of WSA 02-2014*).
 - For water and sewer mains marking tape, all lettering shall be a minimum of 40mm high. Tape width shall be 100mm minimum. It shall comply with AS 2648.1:1995 Underground Marking Tape – Non-Detectable Tape and shall have product certification (ISO Type 1) to AS 2648.1:1995.
- Sewer mains marking tape with depth indication shall be installed adjacent to all connection points and tape brought to finished surface level (*clause 16.9 of WSA 02-2014*).
 - An alternative could be to use a hardwood 600mm long peg (50mm*25mm) which is protruding 200mm above finished surface level.

The circumstances where non-detectable and detectable marking tape are to be used, shall be as per WSA 02-2014 and WSA 03-2011 (*clauses 16.11 and 5.4.16 respectively*). For trenchless construction, tracer wire as per WSA 03-2011 (*clause 15.12.3*) shall be used.

Where alternatives to EGW's preferred engineering code and the suite of Technical Bulletins exist, these will be assessed and may be approved in writing by EGW on a case by case basis, with each variation documented. All codes and specifications will be consistently enforced across all works.

4. REFERENCES

- WSAA Water Supply Code of Australia WSA 03–2011 Version 3.1.
- WSAA Gravity Sewerage Code of Australia WSA 02-2014 Version 3.1.
- AS 2648.1:1995 Australian Standard for Underground Marking Tape – Part 1: Non-Detectable Tape.

For further information contact the EGW Infrastructure Team.

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5. REVIEW

This Technical Bulletin will be reviewed two yearly unless otherwise required.