

Sewerage Code of Australia

The Power and Water Corporation has moved to adopt the Sewerage Code of Australia as the general basis for the design of sewerage infrastructure under its control in the Northern Territory. This document is read as a supplement to the Sewerage Code of Australia to provide details of those modification and additions to suit the particular requirements of the Power and Water Corporation.

Where appropriate WSA Standard Drawings are either:

- ❖ Adopted in full (AIF)
- ❖ Adopted with minor amendments or qualification (NT Variant)
- ❖ Not Applicable to PWC works. Refer to PWC issue Standard Drawings for equivalent details (N/A)

In addition, PWC have issued some standard drawings for which there is no WSA equivalent

| Requirement | WSAA Drawing Title | WSAA Drawing |
|--|--|--------------|
| NT Variant | Design Layouts – Typical Locality & Site Plan | SEW-1100 |
| NT Variant | Design Layouts – Longitudinal Sections | SEW-1101 |
| NT Variant | Design Layouts – Connection to Existing Sewer – Schedule of Works | SEW-1102 |
| N/A Refer W2-1-01, W2-1-02, W2-1-03, W2-1-08, W2-1-10 | Pipelaying—Typical Arrangements | SEW-1103 |
| N/A Refer W2-1-04 | Property Connection Details—Sewer in Road Reserve | SEW-1104 |
| N/A Refer W2-1-04 | Property Connection Details—Sewer in Easements & Inside Property | SEW-1105 |
| N/A Refer W2-1-01, W2-1-02, W2-1-03, W2-1-08, W2-1-10 | Property Connection Details—IO Interface Metho | SEW-1106 |
| N/A | Property Connection Details—Buried Interface Method | SEW-1107 |
| N/A Refer W2-1-08, W2-1-10 | Property Connection Details—“Y” Branch & Around Obstructions | SEW-1108 |
| N/A Refer W2-1-01, W2-1-02, W2-1-03, W2-1-08, W2-1-10 | Property Connection Details—Private Property & Marking Systems | SEW-1109 |
| AIF | Soil Classification Guidelines and Allowable Bearing Pressures for Bulkheads | SEW-1200 |
| AIF | Embedment & Trench Fill – Typical Arrangements | SEW-1201 |
| NT Variant | Standard Embedment – Flexible & Rigid Pipes | SEW-1202 |
| NT Variant | Special Embedment – Inadequate Foundations Requiring Over-Excavation & Replacement | SEW-1203 |
| NT Variant | Special Embedment – Support Utilising Piles | SEW-1204 |
| AIF | Special Embedment – Concrete & Stabilised Supports | SEW-1205 |

| Requirement | WSAA Drawing Title | WSAA Drawing |
|--|--|--------------|
| AIF | Trench Drainage – Bulkheads & Trenchstop | SEW-1206 |
| AIF | Trench Drainage – Typical Systems | SEW-1207 |
| AIF | Verticals & Near Verticals – Exposed & Concealed Methods | SEW-1208 |
| N/A Refer W2-2-01A, W2-2-01D, W2-2-02 | Maintenance Holes – Sewers ≤ DN300 – Precast Types P1 & P2 | SEW-1300 |
| N/A | Maintenance Holes – Sewers ≤ DN300 – Cast Insitu Types C1 & C2 | SEW-1301 |
| N/A | Maintenance Holes – Pipe Connection Details | SEW-1302 |
| N/A | Maintenance Holes – Sewers ≤ DN300 – Changes in Level Details | SEW-1303 |
| N/A | Maintenance Holes – Sewers ≤ DN300 – Typical Channel Arrangements | SEW-1304 |
| N/A | Maintenance Holes – Typical Channel Arrangements | SEW-1305 |
| N/A | Maintenance Holes – Alternative Drop Connections | SEW-1306 |
| Refer W2-2-03 | Maintenance Holes – Alternative Drop Connections | SEW-1307 |
| Refer W2-2-04 | Maintenance Holes – Alternative Drop Connections | SEW-1307 |
| N/A Refer W2-2-01D, W2-2-03 | Maintenance Holes – Typical MH Cover Arrangements | SEW-1308 |
| NT Variant | Maintenance Holes – Sewers DN375 to DN750 | SEW-1309 |
| NT Variant | Maintenance Holes – Permanent Formwork ≥ DN375 | SEW-1310 |
| AIF | Maintenance Holes – Depth to Invert 6m to 15m | SEW-1311 |
| AIF | Maintenance Holes – Depth > 15m | SEW-1312 |
| N/A | Maintenance Holes – MH Connection Details – DN110 to DN450 PE Pipe | SEW-1313 |
| NT Variant | Maintenance Shafts – Typical Installation | SEW-1314 |
| N/A | Maintenance Shafts – MS & Variable Bend Installations | SEW-1315 |
| NT Variant | Maintenance Shafts – TMS and Connection Installations | SEW-1316 |
| NT Variant | Maintenance Shafts – Typical MS Cover Arrangements | SEW-1317 |
| AIF | Buried Crossings – Syphon Arrangement | SEW-1400 |
| NT Variant | Buried Crossings – Railways | SEW-1401 |
| NT Variant | Buried Crossings – Major Roadways | SEW-1402 |
| AIF | Buried Crossings – Bored & Jacked Encasing Pipe Details | SEW-1403 |
| AIF | Aerial Crossings – Aqueduct | SEW-1404 |
| AIF | Aerial Crossings – Aqueduct Protection Grille | SEW-1405 |
| AIF | Aerial Crossings – Bridge Crossing Concepts | SEW-1406 |
| NT Variant | Ventilation Systems – Induct Vent | SEW-1407 |
| NT Variant | Ventilation Systems – Educt Vent | SEW-1408 |
| N/A Refer W2-2-06 | Water Seal Arrangements – Mains Type | SEW-1409 |
| NT Variant | Water Seal Arrangements – Maintenance Hole System | SEW-1410 |
| NT Variant | Water Seal Arrangements – Twin Maintenance Hole System | SEW-1411 |
| AIF | Emergency Relief Structures – Typical Arrangement – DN150 to DN375 | SEW-1412 |

| Requirement | WSAA Drawing Title | WSAA Drawing |
|--------------------|--|---------------------|
| AIF | Insertions & Repair Systems – Cut-In Methods | SEW-1500 |
| NT Variant | Insertions & Repair Systems – Insertion of Junctions | SEW-1501 |
| NT Variant | Insertions & Repair Systems – Maintenance Structures | SEW-1502 |