Taswater Code Table ASDS v2

Water Service Point Features
WAP	*	Abandoned Point
WAV	*	Air Valve
WBPT	*	Break Pressure Tank
WCV	*	Control Valve
WCCP	*	Customer Connection Point
WFP	*	Filling Point
WFIX	*	Fixture
WHYD	*	Hydrant
WINT	*	Intake
WIV	*	Isolation Valve
WNM	*	Network Meter
WNRV	*	Non Return Valve
WPIT	*	Pit
WSMP	*	Sampling Point
WSPR	*	Sprinkler
WPMP	*	Water Pump
WZV	*	Zone Valve

Water Service Line Features
WP	*	Auxiliary Water Point
WABL	*	Abandoned Line
WBTM	*	Bulk Transfer Main
WC	*	Channel
WDM	*	Distribution Main
WIRR	*	Irrigation Line
WOFP	*	Overflow Pipe
WRWM	*	Raw Water Main
WRM	*	Reticulation Main
WRSM	*	Reticulation Sub-Main
WSCP	*	Scour Pipe
WSP	*	Service Pipe
WABB	#	Abandoned Feature Boundary
WAB	#	Asset Boundary
WTB	#	Storage Tank Boundary
WPB	#	Pit Boundary

Recycled Water Point Features
RAP	*	Abandoned Point
RCCP	*	Customer Connection Point
RPIT	*	Pit
RIV	*	Isolation Valve
RCV	*	Control Valve
RAV	*	Air Valve
RHYD	*	Hydrant
RNM	*	Network Meter
RZV	*	Zone Valve
RNRV	*	Non Return Valve
RSMP	*	Sampling Point
RPMP	*	Reuse Pump
RSPR	*	Sprinkler

Recycled Water Line Features
RP	*	Auxiliary Reuse Water Point
RABL	*	Abandoned Line
RBTM	*	Bulk Transfer Main
RDM	*	Distribution Main
ROFP	*	Overflow Pipe
RRM	*	Reticulation Main
RSCP	*	Scour Pipe
RSP	*	Service Pipe
RABB	#	Abandoned Feature Boundary
RAB	#	Asset Boundary
RLAG	#	Lagoon Storage
RPB	#	Pit Extents
RTB	#	Storage Tank Boundary

Sewer Service Point Features
SAP	*	Abandoned Point
SAV	*	Air Valve
SBK	*	Boundary Kit
SCCP	*	Customer Connection Point
SDP	*	Discharge Point
SERS	*	Emergency Relief Structure
SES	*	Emergency Storage Structure
SIO	*	Inspection Opening
SIV	*	Isolation Valve
SMH	*	Maintenance Hole
SNM	*	Network Meter
SNRV	*	Non Return Valve
SOCU	*	Odour Control Unit
SPIT	*	Pit
SPC	*	Pressure Unit - Control Panel
SPT	*	Pressure Unit - Tank
SPMP	*	Pump
SSMP	*	Sampling Point
SSV	*	Scour Valve
SVE	*	Vent

Sewer Service Line Features
SP	*	Auxillary Sewer Point
SABL	*	Abandoned Line
SESP	*	Emergency Storage Pipe
SGRM	*	Gravity Reticulation Main
SGTM	*	Gravity Trunk Main
SOP	*	Outfall Pipe
SOFP	*	Overflow Pipe
SPRM	*	Pressure Reticulation Main
SRM	*	Rising Main
SSCP	*	Scour Pipe
SSPB	*	Service Pipe - Blank
SSPG	*	Service Pipe - Gravity
SSPP	*	Service Pipe - Pressure
SSIP	*	Siphon
SVP	*	Vent Pipe
SABB	#	Abandoned Feature Boundary
SAB	#	Asset Boundary
SLAG	#	Lagoon
SPB	#	Pit Boundary
SWWS	#	Wet Weather Storage
SWEL	#	Wet Well Extents

Stormwater Point Features
DAP	*	Abandoned Point
DAV	*	Air Valve
DCV	*	Control Valve
DGP	*	Grate
DIO	*	Inspection Opening
DIV	*	Isolation Valve
DMH	*	Maintenance Hole
DNRV	*	Non Return Valve

Stormwater Line Features
DP	*	Auxiliary Stormwater Point
DABL	*	Abandoned Line
DCUL	*	Culvert
DOD	*	Open Drain
DOP	*	Stormwater Outfall
DDL	*	Stormwater Pipe
DDO	*	Stormwater Property Service
DRM	*	Stormwater Rising Main
DSSD	*	SubSurface Drainage
DABB	#	Abandoned Feature Boundary
DAB	#	Asset Boundary
DDB	#	Detention Basin
DGPB	#	Grated Pit Boundary
DGPT	#	Gross Polutant Trap
DSU	#	Sump/Side Entry Pit

Ancillary Services Point Features
AAP	*	Abandoned Point
AANT	*	Antenna
ACP	*	Comms Pit
ACT	*	Comms Tower
AES	*	Earth Stake
AEP	*	Electrical Pit
AGM	*	Gas Meter
AGP	*	Gas Pit
AINS	*	Instrumentation
ALP	*	Light Pole
APP	*	Power Pole
APPS	*	Power Pole Stay
APDP	*	Process Drainage Point
AUP	*	Unknown Pit

Ancillary Services Line Features
AABL	*	Abandoned Line
ACOM	*	Comms Cables
ACOF	*	Comms OpticFibre
ADOS	*	Dosing Line
AEG	*	Earth Grid
AEL	*	Electrical Cables
AGAS	*	Gas Line
AOH	*	Overhead Wires
APDL	*	Process Drainage Line
ASRV	*	Service Duct/Bridge
AUNK	*	Unknown
AABB	#	Abandoned Feature
AAB	#	Ancillary Asset Boundary
ACPB	#	Comms Pit Boundary
AEPB	#	Electrical Pit Boundary
AGPB	#	Gas Pit Boundary
AUPB	#	Unknown Pit Boundary

Line Markings
TA	Not Defined
TB	Solid Line
TC	Lane Line 6.0 * 6.0
TD	Lane Line 9.0 * 3.0
TF	Pedestrian 0.6*0.3
TG	Turning 0.6 * 0.6
TH	Stop Line 0.45 wide ***
TI	Stop Line 0.60 wide ***
TJ	Give Way 0.45 wide ***
TK	Give Way 0.60 wide ***
TL	Continuity 3.0 * 1.0

Depthed Services

These codes should be used when services are exposed (e.g., potholed). While both auxiliary points and these coded points are used to define line features, these codes are intended to be remain attached to the drawing and preserved as a record of service locations.

ADPC	*	Depthed Point - Comms
ADPE	*	Depthed Point - Elec
ADPG	*	Depthed Point - Gas
ADPR	*	Depthed Point - Recycled
ADPS	*	Depthed Point - Sewer
ADPD	*	Depthed Point - Stormwater
ADPU	*	Depthed Point - Unknown
ADPW	*	Depthed Point - Water

Other Classes
ABLD	*	Building (for GIS input)
AEAS	*	Easement
AFP	*	Floor/Footprint
AROAD	*	Road

General Line Features
AB	Abutment
BB	Bank Bottom
BD	Bridge Deck
BRP	Bridge Pier
BLD	Building
BLDE	Eaves
BT	Bank Top
BU	Bunding
CC	Creek Centre
CD	Drain Centre
CT	Track Centre
EB	Edge of Bitumen
EC	Edge of Concrete
ED	Edge of Drain
EF	Edge of Footpath
EG	Edge Garden
ET	Edge Track
EU	Edge Pavers
EV	Edge Vegetation
EW	Edge Water
EP	Elec Pylon
F	Fence
FL	Flood Level
G	Gate
GD	Grid
GR	Guard Rail (Face)
H	Hedge
HW	Headwall
KB	Kerb Back
KI	Kerb Invert
KT	Kerb Top
KL	Kerb Lip
NS	Natural Surface
QQ	Quality Check String
RK	Rock Outcrop
RS	Road Sign
RT	Rail Track
RW	Retaining Wall
SPD	Spoon Drain
ST	Steps
STR	Structure (Undefined)
SW	Swamp
U	Unknown String
UX	Unknown String (Non-Cont)
V	Verandah
VT	Visible Trench
W	Wall
WT	Water Trough
WW	Wing Wall

General Point Features
PBXX	Bore/Well
PBOL	Bollard
PCAT	Cathodic Protection Post
PCBI	Irrigation Control Box
PCCB	Cathodic Protection Box
PCMM	Comms Cable Marker
PECM	Electrical Cable Marker
PEMP	Environmental Marker Post
PWMP	Water Marker Post
PFLL	Floor Level
PFMP	Fire Plug Marker
PGMP	Gas Marker Post
PLBB	Litter Bin
PMPP	Metal Pin
POTH	Pothole
PPBB	Peg (Boundary)
PPEE	Peg (Engineering)
PPFF	Post (Fence)
PGAT	Post (Gate)
PPSA	Sign
PRMP	Railway Marker Post
PSBB	Signal Box
PSEN	Security Sensor
PSHH	Shrub
PSPA	Pole Steel
PSPM	State Permanent Mark
PSSA	Survey Station
PSSR	Survey Station (Reference)
PSWO	Domestic Stormwater Outlet
PT	Tree
PTAA	Tap
PTLL	Traffic Light
PUPL	Unknown Point (Non Cont)
PUPP	Unknown Point
PWPA	Pole Wooden

Non contourable features are highlighted in grey.
Features with GIS attributes associated to them are marked with a *.
Area (closed polygon) features with attributes associated to them are marked with a #.
ASDS features may be used for non-TasWater assets by leaving the "Existing Asset" field blank.

Most attributes are aligned with those in the ASDS (though some attribute names may vary).
There are additional attributes included in the code-table to simplify field data collection.
E.g., Where a surface and an invert level are required as attributes, the codetable may also specify "Depth". The "Depth" attribute is used to allow the recording of two elevations from a single surveyed point. The surface elevation (as recorded by the instrument), and the invert elevation (as defined by the measured depth from the surface point).
If using the "Depth" attribute, use positive values for features below the surface. E.g., for a pipe 0.6m deep input 0.6 in the "Depth" attribute (As most Taswater features will be below ground, this reduces the likelihood of ± errors).

Pipe diameters, and culvert and channel widths and heights, are input in millimetres.
Most other measurements are input as metres, with the exception of tree trunk diameters which are in decimetres.

Taswater Codelist ASDS v2
27/09/2021