

Asset Classes & Geometry Mapping											
ID	Code					Description				Suggested Geometry	
3	CHAM					Chambers and Manholes				POINT	

Asset Classification											
Compile	Asset Class ID	ID	Asset Class Code	Asset Class Description	Asset Type Code	Asset Type Description	Asset Sub Type Code	Asset Sub Type Description	Unit Type Code	Unit Type Description	Geometry
3-17	3	17	CHAM	Chambers and Manholes	CHB	Chamber	ENRD	Energy Dispersion	CHB-ENRD	Chamber - Energy Dispersion	POINT
3-25	3	25	CHAM	Chambers and Manholes	CHB	Chamber	MH	Manhole	CHB-MH	Chamber - Manhole	POINT
3-40	3	40	CHAM	Chambers and Manholes	CHB	Chamber	VLV	Valve Chamber	CHB-VLV	Chamber - Valve Chamber	POINT

Common Attributes											
ID	Group	Sub-group	Supplier	Order	Attribute Name	Data Type	Attribute Unit	Description	Attribute Usage	Field Classification	Dropdown Value
3	FINANCIAL	ACQUISITION	D/C	3	Acquisition Date	DATE		Date the owner purchased or obtained (vested) the asset or if unknown the	Determines depreciation start date	Mandatory	
4	FINANCIAL	ACQUISITION	D/C	4	Acquisition Type	ENUM		Method of asset acquisition	Determines accounting treatment	Mandatory	Acquisition Type
15	COMMON	BASIC	D/C/O	15	Asset Description	VARCHAR(300)		Detailed asset description where relevant else equal to the Unit Type Descr	Asset identification, reporting and details	Mandatory	
16	COMMON	HIERARCHY	D/O	16	Asset Hierarchy	VARCHAR(50)		Asset's position in hierarchy	Asset type and location identification	Mandatory	
17	COMMON	BASIC	D/C/O	17	Asset ID	VARCHAR(50)		Unique human-friendly asset identifier	Cross-system asset identification	Mandatory	
33	FINANCIAL	ADVANCED	O	33	Cost Centre	ENUM		The cost centre of the asset budget holder where costs relating to the asset will be charged i.e., maintenance, depreciation,	Financial analysis and cost assignment	Mandatory	Cost Centre
37	COMMON	QUALITY	O	37	Data Source	ENUM		Source of the data	Indicates the data source	Mandatory	Data Source
48	COMMON	DATE	C	48	Install Date	DATE		Date the asset was installed at site	Lifecycle and depreciation tracking	Mandatory	
55	COMMON	O&M	D	55	Maintenance Responsibility	ENUM		Entity responsible for maintenance such as council or utility	Differentiates ownership and maintenance	Mandatory	Maintenance Responsibility
60	COMMON	HIERARCHY	D/O	60	Network	ENUM		Associated water network	Asset service association	Mandatory	Network
61	COMMON	HIERARCHY	D/O	61	Network Function	ENUM		Network Functional Area	Identifies network role and maintenance area	Mandatory	Network Function
62	COMMON	BASIC	D/O	62	Ownership	ENUM		Entity with financial asset responsibility	Financial and legislative accountability	Mandatory	Ownership
73	COMMON	BASIC	D/C/O	73	Service Status	ENUM		Current status of the asset	Operational and planning purposes	Mandatory	Service Status
78	COMMON	BASIC	D/C/O	78	Unit Type	ENUM		Combined Asset Type and Sub Type	Determines applicable asset attributes for the Asset Unit Type. Available U	Mandatory	

Technical Attributes											
ID	Group	Sub-group	Supplier	Order	Attribute Name	Data Type	Attribute Unit	Description	Attribute Usage	Field Classification	Dropdown Value
1000	TECHNICAL	OPERATIONS	D/C/O	1	Access Method	ENUM		Internal access method to an asset	Health and safety reporting and compliance		Access Method
1006	TECHNICAL	REGULATORY	D/C	7	Asset Contains	ENUM		Substance contained, processed or transported	Health and Safety, Operations, HSNO compliance		Asset Contains
1018	TECHNICAL	CONSTRUCTION	D/C/O	19	Chamber Type	ENUM		Classification of chamber	Asset planning and valuation		Chamber Type
1025	TECHNICAL	CONSTRUCTION	SRV	26	Cover Level	DECIMAL(10,3)	m	Cover elevation in relation to the ground level	Network modelling and flood management		
1026	TECHNICAL	CONSTRUCTION	D/C/O	27	Cover Material	ENUM		Cover material	Access and Health and Safety requirements/specifications		Cover Material
1027	TECHNICAL	OPERATIONS	D/C	28	Cover Shape	ENUM		Shape of cover (such as chambers)	Operations and maintenance or renewals planning		Cover Shape
1028	TECHNICAL	CONSTRUCTION	D/C	29	Cover Type	ENUM		Type of cover	Asset planning and operations		Cover Type
1036	TECHNICAL	CONSTRUCTION	SRV	37	Depth	DECIMAL(10,3)	m	Depth below Cover Level or surface if asset has no lid	Operations and safety planning		
1041	TECHNICAL	CONSTRUCTION	D/C	42	Diameter Nominal	DECIMAL(10,2)	mm	Nominal diameter from the contemporary standard or width of the asset	Physical specifications		
1053	TECHNICAL	CONSTRUCTION	D/C	54	Energy Dissipator	ENUM		Flow energy reduction type	Environmental impact control		Energy Dissipator
1080	TECHNICAL	CONSTRUCTION	SRV	81	Ground Level	DECIMAL(10,3)	m	Reference ground elevation	Installation reference point		
1085	TECHNICAL	MAINTENANCE	D/C	86	Hinged	BOOLEAN		Cover hinge indicator	Maintenance access specification		
1103	TECHNICAL	CONSTRUCTION	SRV	104	Invert Level	DECIMAL(10,3)	m	Lowest interior elevation point of an asset in relation to the ground level	Network, flow and slope modelling		
1104	TECHNICAL	CONSTRUCTION	SRV	105	Invert Level Downstream	DECIMAL(10,3)	m	Downstream invert elevation	Network, flow and slope modelling		
1106	TECHNICAL	CONSTRUCTION	SRV	107	Invert Level Upstream	DECIMAL(10,3)	m	Upstream invert elevation	Network, flow and slope modelling		
1108	TECHNICAL	CONSTRUCTION	D/C	109	Is Drop Manhole	BOOLEAN		Drop structure indicator	Network modelling		
1109	TECHNICAL	CONSTRUCTION	D/C	110	Joining Method	ENUM		Connection specification	Maintenance and integrity		Joining Method
1114	TECHNICAL	CONSTRUCTION	D/C	115	Material	ENUM		Primary material of non-pipe assets	Asset performance and management planning		Material

Dropdown Values				
ID	Attribute ID	Attribute Name	Dropdown Code	Dropdown Value
1	1000	Access Method	LADDER	Ladder
6	2	Access Restrictions	CONFINED	Confined Space
12	4	Acquisition Type	VEST	Vested
177	1006	Asset Contains	LEACH	Leachate
196	1006	Asset Contains	PLDRAIN	Plant Drainage
216	1006	Asset Contains	SW	Stormwater
225	1006	Asset Contains	WW	Wastewater
238	1010	Bedding Type	GAP11	Aggregate Passing 11mm Screen
251	1018	Chamber Type	SINGLE	Single
299	1022	Construction Method	MOULDED	Moulded
315	1026	Cover Material	DI	Ductile Iron
322	1026	Cover Material	PLASTIC	Plastic
326	1027	Cover Shape	CIRC	Circular
337	1028	Cover Type	HINGED	Hinged
407	1051	Drop Type Downstream	CASC	Cascade
408	1051	Drop Type Downstream	EXTD	External Drop
409	1051	Drop Type Downstream	INTD	Internal Drop
410	1051	Drop Type Downstream	NONE	None
516	1075	Functional Role	ACP	Access Point
616	1109	Joining Method	EF	Electrofusion
623	1109	Joining Method	RRJ	Rubber Ring
703	56	Maintenance Strategy	RTF	Run-To-Fail
734	1114	Material	PE	Polyethylene
735	1114	Material	PL	Plastic
737	1114	Material	PP	Polypropylene
782	60	Network	SW	Stormwater
783	60	Network	WW	Wastewater
785	61	Network Function	RETIC	Reticulation Network
1047	1152	Shape	CIRC	Circular

Organisation Specific Dropdown Values				
ID	Attribute ID	Attribute Name	Dropdown Code	Dropdown Value
10003	29	Constructor	TBC	Provision for values to be added that are specific to the organisation
10013	58	Manufacturer	TBC	Provision for values to be added that are specific to the organisation
10015	62	Ownership	CCO	Council Controlled Organisation
10016	62	Ownership	COUNCIL	Council
10020	62	Ownership	PVT	Private