LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5		LEVEL 6	LEVEL 7
Network		Scheme Name		Facility/Sub-System Group		Function/Process		Asset		Asset	Asset #
Network refers to either water or sewerage and refers to all infrastructure owned by GRC within either the collective water or sewerage networks	*Proposed abbrev key*	*Identifies individual pump station, or treatment plant facility, buried infrastructure sub-system.*	*Proposed abbrev key*	*A facility typically refers to pump stations, treatment plants, water quality stations. Sub-systems refer to buried infrastructure and appurtenances within a service area or catchment.*	*Proposed abbrev key*	*Describes the facility/sub-system process or functional asset grouping.*	*Proposed abbrev key*	*Asset Level 1 describes the asset within the facility/sub-system process or functional asset grouping, often referred to as the parent level*	*Proposed abbrev key*	*Asset Level 2 describes the maintenance managed item level. For example, the pump, and the pump motor, and in some instances the impeller.*	*Asset Level 3: Components can be added to address maintenance managed items such as pump impellers.*
Water	W	1770	1770	Treatment Plant	TP_catchment	Activated Carbon Dosing	CDACC	Access Lid	ACLID	ACCESSCOVERTYPE	
Wastewater	WW	Agnes Water	AW	Pump Station	PS_catchment	Air Scour System Elec	AIRELEC	Active Fire Alarm System	FALRM	FIREALARMTYPE	
Recycled Water	RW	Benaraby	BEN	Collection	COLL_catchment	Air Scour System General	AIRS	Actuator	ACTU	ACTUATORTYPE	
Bulk Water	BW	Bororen	BOR			Air Scour System Mech	AIRMECH	Aerator	AERA	AERATORTYPE	General Note: The asset level 2 will comprise the individual entries which will be arranged by type where that is of value, otherwise it is the level 3 where the items are listed such as sensor glass, valve spindle etc.
		Boyne Island	BI	Storage	STOR_catchment	Air Scour System Pipework	AIRPVA	Auger	AUG	AUGERTYPE	
Store	ST	Calliope	CAL	Disposal	DISP	Alum Dosing	CDALM	Auto Sampler	SAMP	SAMPLERTYPE	
		Curtis Island	CI	Reservoir	RESEV_catchment	A-Recycle	BIOAREC	Aviation Lighting	AVRLT	LIGHTTYPE	
		Gladstone	GLA	Reticulation	NET_catchment	Backwash System General	BACKS	Battery	BATT	BATTERYTYPE	
		Miriam Vale	MV	Transmission		Backwash System Pipework	BACKPVA	Battery Charging Unit	CHAR	BATTERYCHARGERTYPE	
		Mount Larcom	ML	Distribution		Backwash System Pump	BACKPMP	Belt Press	BELT	PRESSTYPE	
		Tannum Sands	TS			Balance Tank and associated Equipment	ISTO	Bin Hopper	BIN	BINHOPPERTYPE	
		Wurdong	WUR			Bioreactor Aerobic Zone	BIOAER	Blower	BLO	BLOWERTYPE	
		Yarwun	YAR			Bioreactor Anaerobic Zone	BIOANE	Bore	BORE	BORETYPE	
						Bioreactor Anoxic Zone	BIOANO	Building	BLD	BUILDFUNCT	
				NOTE: There is a summary tab for these assets that lists summary and position details of facilities		Bioreactor Inlet Pipe work	BIOIPVA	Cable	CAB	CABLEUSE	
						Bioreactor Scum Management	BIOSCM	Cathodic Protection	CATHP	CATHODICTYPE	
		Rotables	ROT			Bioreactor Structure	BIOREAC	Centrifuge	CENT	CENTIFUGETYPE	
						Blowers	BIOBLO	Chain and Flight System	CHAIN	CHAINFLIGHTTYPE	
						Bores	RBORE	Chemical Feed System	FEED	FEEDERTYPE	
				Communications	COM	Buildings and Grounds	BG	Compactor	CMPA		
				To be finalised		Bypass System	BYPAS	Compressor	COMP	COMPRESSORTYPE	
						Chemical Dosing Systems General	CDS	Controller	CONT	CONTOLLERTYPE	
						Combined Rising Main	CRSEW	Conveyor	CONY	CONVEYORTYPE	
						Disinfection System	DISS	Crane	CRNE	CRANETYPE	
						Disposal Balance Tank	DISBTNK	Dryer	DRYR	DRYERTYPE	
						Disposal Irrigation System	DISIRR	Electronic Data Capture	EDC		
						Disposal Outfall	DISOUTF	Emergency Storage	EMS	EMSTYPE	
						Disposal System Pipework and Valves	DISPVA	Fan	FAN	FANTYPE	
						Effluent System	EFFL	Fence	FENC	FENCETYPE	
						Emergency Storage System	IEMS	Filter	FILT	FILTERTYPE	
						Ferric Chloride Dosing	CDFECL	Fire Fighting Equipment	FIREQ	FIRETYPE	
						Filter Disc System	FILDS	Fittings	FITT	FITTINGTYPE	
						Filter Pressure Sand Pumping System	FILPSPMP	Fuel Storage System	FULST		
						Filter Pressure Sand System Pipework	FILPSPVA	Gear Box	GBOX		
						Filtration Pressure Sand System	FILPS	Generator Set	GSET	GENERATORTYPE	
						Flocculator Pipework and Valves	FLOCPVA	Gravity Sewers	GSEW	SEWERTYPE	
						Flocculator Rapid Mix System	FLOMIX	Grinder	GRND		
						Flocculator Tanks and Structures	FLOCHOS	Grit Removal	GITR	GRITCHAMBERTYPE	
						Fluoridation System	FLUS	Guide Rail	GRAIL		
						Gas Pipework	UGASPVA	Heating Ventilation and Air-Conditioning	HVAC	HVACTYPE	
						Influent Grit Removal	IGTR	Human Interface Terminal	HITS		
						Influent Dosing *with chemical n*	ICD*n*	Hydrant	HYDN	HYDRANTTYPE	
						Influent Pipework	IPVA	Injector	INJET	INJECTORTYPE	
						Influent Pumping Station	IPS	Instrument	INST	INSTRUMENTTYPE	
						Influent Screening	ISCR	Ladders	LADD	LADDERTYPE	
						Influent System	ISYS	Landscaping	LANS	LANDSCAPETYPE	
						Inlet Aeration System	INAIR	Lighting Systems	LIGT	LIGHTTYPE	
						Inlet Channel	ICHAN	Lightning Protection Systems	LTRPROT		
						Inlet Filtration System	INFILT	Lime Slacker	SLAK		
						Inlet Housing	INHOU	Liner Systems	LNR	LINERTYPE	
						Inlet Intake Systems	ININLT	Maintenance Access / Manholes	ACMH	MANHOLETYPE	
						Inlet Pipework and Valves	INPVA	Material Protection System	MATPROT	PROTECTIONTYPE	
						Inlet Surge System	INSUR	Media	MEDR	MEDIATYPE	
						Inlet System	INLT	Meters	MET	METERTYPE	
						Inlet Water Balance Storage	INSTO	Mixer	MXR	MIXERTYPE	
						Inlet Water Pumping System	INPMP	Motor	MOTR	MOTORTYPE	
						Lime Dosing	CDLIM	Motor Control Centre	MCC		
						Lime Dosing	PCDLIM	Node	NODE	NODETYPE	
						Lime or Acid system	PHS	Pipe Segment	PIPSGM		
						Manholes	ACMH	Pipes	PIPE	PIPETYPE	

Store

Refers to Depot sites or coordinated Storage sites for Spare Equipment that is not placed within any part of the relevant network

Rotables

Term used to describe assets that are 'rotated' in and out of a location,facility or role. For example, there may be a store of submersble pumps that are rotated in and out of sewer pumpstations with a rebuild after each rotation.

LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5		LEVEL 6	LEVEL 7
Network		Scheme Name		Facility/Sub-System Group		Function/Process		Asset		Asset	Asset #
Network refers to either water or sewerage and refers to all infrastructure owned by GRC within either the collective water or sewerage networks	*Proposed abbrev key*	*Identifies individual pump station, or treatment plant facility, buried infrastructure sub-system.*	*Proposed abbrev key*	*A facility typically refers to pump stations, treatment plants, water quality stations. Sub-systems refer to buried infrastructure and appurtenances within a service area or catchment.*	*Proposed abbrev key*	*Describes the facility/sub-system process or functional asset grouping.*	*Proposed abbrev key*	*Asset Level 1 describes the asset within the facility/sub-system process or functional asset grouping, often referred to as the parent level*	*Proposed abbrev key*	*Asset Level 2 describes the maintenance managed item level. For example, the pump, and the pump motor, and in some instances the impeller.*	*Asset Level 3: Components can be added to address maintenance managed items such as pump impellers.*
						Micro filtration System	FILuF	Platforms	PLAT		
						Mixing System	MIX	Pond / Lagoon	POND	PONDTYPE	
						Network Nodes	NNODE	Power Supply	PSUPP	ENERGYTYPE	
						Outlet Piping	OUT	Programmable Logic Controller	PLC	PLCTYPE	
						Overflow System	IOVR	Pump	PMP	PUMPTYPE	
						Pipe Segments	PIPSGM	Radio	RAD	RADIOTYPE	
						Pipe Structures	PIPSTRU	Remote Terminal / Telemetry Unit	RTU		
						Pipework and Valves	RPVA	Rising Sewer Mains	RSEW	SEWERTYPE	
						Plant Bypass	BYP	Road / Parking Area	ROAD		
						Plant Water Pipework	UPWPVA	Safety Equipment	SAFEQ	SAFETYEQUIPMENTTYPE	
						Plant Water Storage	UPWSTO	SCADA	SCDA		
						Polymer Dosing	CDPOL	Scales	SCAL	SCALETYPE	
						Potable Water Pipework	UWATPVA	Screen / Sieve / Strainer	SCR	SCREENTYPE	
						Potable Water Storage	UWATSTO	Security System	SECSY	SECURITYSYSTEMTYPE	
						Potassium Permanganate Dosing	CDKM	Service Connection Pipe	SCONN	CONNECTIONTYPE	
						Pre-treatment Activated Carbon Dosing	PCDACC	Software	SOFT	SOFTWARETYPE	
						Pre-treatment Alum Dosing	PCDALM	Standpipe	STNDPIPE		
						Pre-treatment Chemical Dosing General	PCDS	Structure	STRU	STRUCTURETYPE	
						Pre-treatment Potassium Permanganate D	PCDKM	Sub-Meters	SUBM		
						Pre-treatment Sulphuric Acid Dosing	PCDACD	Substation	SUBS	SUBMETERTYPE	
						Primary Aeration	1AER	Switchboard	SWBRD		
						Primary Clarification	1CLA	Tank	TNK	TANKTYPE	
						Primary Process Instruments	1PI	Telemetry	TELE	TELEMETRYTYPE	
						Primary Process Power	1PP	Transformer	TRANS	TRANSFORMERTYPE	
						Pump System	PSYS	Uninterruptible Power Supply	UPS		
						Pump System	RLPMP	UV Dosing Unit	UVDOS		
						Pump System	SPMP	UV Lamp Cleaning Unit	UVCLR		
						Raw Aeration System	RAER	UV Lamps	UVLMP		
						Raw Filtration System	RFILT	Valve	VAL	VALVETYPE	
						Raw Housing	RHOU	Vent / Ventilator	VENT	VENTTYPE	
						Raw Intake Systems	RINLT	Walkway	WALK	WALKWAYTYPE	
						Raw Pipework and Valves	RLPVA	Weir	WEIR	WEIRTYPE	
						Raw Surge System	RSUR				
						Raw Water Balance Storage	RSTO				
						Raw Water Pumping System	RPMP				
						Relift System General	RLS				
						Return Activated Sludge	BIORAS				
						Rising Mains	RSEW				
						RO System Electric	ROELEC				
						RO System General	ROSYS				
						RO System Pipework	ROPVA				
						RO System Pumping	ROPMP				
						Roof System	ROFSYS				
						R-Recycle	BIORREC				
						Secondary Aeration	2AER				
						Secondary Aeration Blower	2BLO				
						Secondary Air System	2AIR				
						Secondary Clarification	2CLA				
						Secondary Mixed Liquor Recycling	2MLR				
						Secondary Mixing	2MIX				
						Secondary Pipework and Valves	2PVA				
						Secondary Process Instruments	2PI				
						Secondary Process Power	2PP				
						Secondary Process Supporting Equipment	2SUP				
						Secondary RAS Pumping	2RAP				
						Secondary Reactor Basin Dewatering Syste	2RBD				
						Secondary Supporting Structures	2STR				
						Sedimentation Basins MIX	SEDMIX				
						Sedimentation Basins Pipework	SEDPVA				

LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5		LEVEL 6	LEVEL 7
Network		Scheme Name		Facility/Sub-System Group		Function/Process		Asset		Asset	Asset #
Network refers to either water or sewerage and refers to all infrastructure owned by GRC within either the collective water or sewerage networks	*Proposed abbrev key*	*Identifies individual pump station, or treatment plant facility, buried infrastructure sub-system.*	*Proposed abbrev key*	*A facility typically refers to pump stations, treatment plants, water quality stations. Sub-systems refer to buried infrastructure and appurtenances within a service area or catchment.*	*Proposed abbrev key*	*Describes the facility/sub-system process or functional asset grouping.*	*Proposed abbrev key*	*Asset Level 1 describes the asset within the facility/sub-system process or functional asset grouping, often referred to as the parent level*	*Proposed abbrev key*	*Asset Level 2 describes the maintenance managed item level. For example, the pump, and the pump motor, and in some instances the impeller.*	*Asset Level 3: Components can be added to address maintenance managed items such as pump impellers.*
						Sedimentation Basins Tanks	SEDHOU				
						Service Laterals	SCONN				
						Site Power Generation	SGEN				
						Site Wide Elec/Mech/Structural Systems	SMEH				
						Solids Dewatering	SLDEW				
						Solids Handling	SLHAN				
						Solids Management System General	SLS				
						Solids Pipework	SLPVA				
						Solids Process Sludge Conveyance	SPCV				
						Solids Process Sludge Pumping	SPSP				
						Solids Process Sludge Storage	SPSS				
						Solids Process Sludge Thickening	SPST				
						Solids Process Waste Activated Solids Pum	SPWP				
						Solids Process Pipework and Valves	SPPVA				
						Solids Process Scum Control	SPSC				
						Solids Process Sludge Dewatering	SPDW				
						Solids Process Sludge Odour Control	SPOC				
						Solids Pumping	SLPMP				
						Solids Recirculation	SLREC				
						Solids Thickening	SLTHK				
						Solids Waste	SLWAS				
						Storage Basins	ESTOR				
						Suction System	SUCT				
						Sulphuric Acid Dosing	CDACD				
						Tank Stand	STAND				
						Tank/Standpipe	STOR				
						Tertiary Aeration	3AER				
						Tertiary Chemical Dosing	3CD				
						Tertiary Disinfection	3DIS				
						Tertiary Effluent Filtration	3EFF				
						Tertiary Effluent Storage	3ESTO				
						Tertiary Pipework and Valves	3PVA				
						Tertiary Plant Water Pumping	3PWP				
						Tertiary Process Instrumentation	3PI				
						Tertiary Process Power	3PP				
						Treated Water Pipework	TWPVA				
						Treated Water Pumping	TWPMP				
						Treated Water System General	TWS				
						Utilities Gas	UGAS				
						Utilities Plant Water	UPW				
						Utilities Potable Water	UWAT				
						Utilities Power	UPOW				
						Waste Activated Sludge	BIOWAS				

LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5		LEVEL 6	LEVEL 7
Network		Scheme Name		Facility/Sub-System Group		Function/Process		Asset		Asset	Asset #
Network refers to either water or sewerage and refers to all infrastructure owned by GRC within either the collective water or sewerage networks	*Proposed abbrev key*	*Identifies individual pump station, or treatment plant facility, buried infrastructure sub-system.*	*Proposed abbrev key*	*A facility typically refers to pump stations, treatment plants, water quality stations. Sub-systems refer to buried infrastructure and appurtenances within a service area or catchment.*	*Proposed abbrev key*	*Describes the facility/sub-system process or functional asset grouping.*	*Proposed abbrev key*	*Asset Level 1 describes the asset within the facility/sub-system process or functional asset grouping, often referred to as the parent level*	*Proposed abbrev key*	*Asset Level 2 describes the maintenance managed item level. For example, the pump, and the pump motor, and in some instances the impeller.*	*Asset Level 3: Components can be added to address maintenance managed items such as pump impellers.*

LEVEL 1		LEVEL 2		LEVEL 3	
Network		Scheme Name		Facility/Sub-System Group	
		1770	1770		
Water	W	Agnes Water	AW	Treatment Plant	TP_catchment
		Benaraby	BEN		
		Bororen	BOR	*In the case of more than one treatment plant per scheme, the sub catchment served by the treatment plant is added to the description.*	
		Boyne Island	BI		
		Calliope	CAL		
		Curtis Island	CI		
		Gladstone	GLA	NOTE: A summary description of the specific Water Treatment Plant is also provided at this level.	
		Miriam Vale	MV		
		Mount Larcom	ML		
		Tannum Sands	TS		
		Wurdong	WUR		
		Yarwun	YAR		

LEVEL 4			
Process	*Code*	Process	Code
The intent of the Sub-Process delimitation is to separate the plant into the identifiable process elements. IDEALLY the process elements are best identified from the Plant P&ID or Process Flow Diagrams with the processes delimited by valves (generally isolation) or at an outfall to another process.			
Raw Water	*R*	Pipework and Valves	RPVA
		Housing	RHOU
		Aeration System	RAER
		Intake Systems	RINLT
		Filtration System	RFILT
		Raw Water Balance Storage	RSTO
		Raw Water Pumping System	RPMP
		Surge System	RSUR
		Bores	RBORE
Raw Water Inlet, Treatment, Storage and Pumping - From any untreated source to and including the isolation valve to plant inlet or otherwise the terminal length of pipe to any balancing storage.			
Inlet Works	*IN*	Pipework and Valves	INPVA
		Housing	INHOU
		Aeration System	INAIR
		Intake Systems	ININLT
		Filtration System	INFILT
		Inlet Water Balance Storage	INSTO
		Inlet Water Pumping System	INPMP
		Surge System	INSUR
Plant Inlet System - Commencing at (not including) the isolation or NRV valve from Raw Water Pumping to the Treatment Plant Inlet works, to the isolation valve or relift pump NRV prior to any additional treatment.			
Pre-treatment Chemical Dosing	*PCD*	Pre-treatment Chemical Dosing General	PCDS
		Potassium Permanganate Dosing	PCDKM
		Activated Carbon Dosing	PCDACC
		Sulphuric Acid Dosing	PCDACD
		Alum Dosing	PCDALM
		Lime Dosing	PCDLIM
Commencing at (not including) the isolation or NRV valve from Inlet Water Pumping to and including the isolation valve or terminal pipe to any further treatment.			
Flocculation	*FLOC*	Flocculator Pipework and Valves	FLOCPVA
		Flocculator Tanks and Structures	FLOCHOS
		Flocculator Rapid Mix System	FLOMIX
Sedimentation	*SED*	Sedimentation Basins Pipework	SEDPVA
		Sedimentation Basins Tanks	SEDHOU
		Sedimentation Basins MIX	SEDMIX
Filtration	*FIL*	Filtration Pressure Sand System	FILPS
		Filter Disc System	FILDS
		Micro filtration System	FILuF
		Filter Pressure Sand System Pipework	FILPSPVA
		Filter Pressure Sand Pumping System	FILPSPMP
Air Scour	*AIR*	Air Scour System General	AIRS
		Air Scour System Pipework	AIRPVA
		Air Scour System Mech	AIRMECH
		Air Scour System Elec	AIRELEC
Backwash	*BACK*	Backwash System General	BACKS
		Backwash System Pipework	BACKPVA
		Backwash System Pump	BACKPMP
Reverse Osmosis	*RO*	RO system General	ROSYS
		RO System Pipework	ROPVA
		RO System Pumping	ROPMP
		RO System Electric	ROELEC
Chemical Addition	*CD*	Chemical Dosing Systems General	CDS
		Potassium Permanganate Dosing	CDKM
		Activated Carbon Dosing	CDACC
		Sulphuric Acid Dosing	CDACD
		Alum Dosing	CDALM

LEVEL 5		LEVEL 6	LEVEL 7
Parent Asset	Code	Child Asset	Child Asset Number
Access Lid	ACLID	ACCESSCOVERTYPE	
Active Fire Alarm System	FALRM	FIREALARMTYPE	
Actuator	ACTU	ACTUATORTYPE	
Aerator	AERA	AERATORTYPE	
Auger	AUG	AUGERTYPE	
Auto Sampler	SAMP	SAMPLERTYPE	
Aviation Lighting	AVRLT	LIGHTTYPE	
Bearings*	BEAR		
Belt Press*	BELT	PRESSTYPE	
Bin Hopper	BIN	BINHOPPERTYPE	
Blower	BLO	BLOWERTYPE	
Building	BLD	BUILDFUNCT	
Cable	CAB	CABLEUSE	
Cathodic Protection	CATHP	CATHODICTYPE	
Chain and Flight System	CHAIN	CHAINFLIGHTTYPE	
Chemical Feed System	FEED	FEEDERTYPE	
Compressor	COMP	COMPRESSORTYPE	
Conveyor	CONY	CONVEYORTYPE	
Crane	CRNE	CRANETYPE	
Electronic Data Capture	EDC		
Fence	FENC	FENCETYPE	
Filter	FILT	FILTERTYPE	
Fire Fighting Equipment	FIREQ	FIRETYPE	
Gear Box	GBOX		
Heating Ventilation and Air-Conditioning	HVAC	HVACTYPE	
Human Interface Terminal	HITS		
Injector	INJET	INJECTORTYPE	
Instrument	INST	INSTRUMENTTYPE	
Ladders	LADD	LADDERTYPE	
Landscaping	LANS	LANDSCAPETYPE	
Lighting Systems	LIGT	LIGHTTYPE	
Lightning Protection Systems	LTRPROT		
Lime Slaker	SLAK		
Liner Systems	LNR	LINERTYPE	
Material Protection System	MATPROT	PROTECTIONTYPE	
Media	MEDR	MEDIATYPE	
Meters	MET	METERTYPE	
Mixer	MXR	MIXERTYPE	
Motor	MOTR	MOTORTYPE	
Motor Control Centre	MCC		
Pipes Water	PIPE	PIPETYPE	
Platforms	PLAT		
Pond / Lagoon	POND	PONDTYPE	
Power Supply	PSUPP	ENERGYTYPE	
Programmable Logic Controller	PLC	PLCTYPE	
Pump	PMP	PUMPTYPE	
Radio	RAD	RADIOTYPE	
Remote Terminal / Telemetry Unit	RTU		
Road / Parking Area	ROAD		
Rollers*	ROLL	SAFETYEQUIPMENTTYPE	
Safety Equipment	SAFEQ	SAFETYEQUIPMENTTYPE	
SCADA	SCDA		
Scales	SCAL	SCALETYPE	
Screen / Sieve / Strainer	SCR	SCREENTYPE	
Security System	SECSY	SECURITYSYSTEMTYPE	
Structure	STRU	STRUCTURETYPE	
Switchboard	SWBRD		
Tank	TNK	TANKTYPE	
Telemetry	TELE	TELEMETRYTYPE	
Transformer	TRANS	TRANSFORMERTYPE	
Uninterruptible Power Supply	UPS		
UV Dosing Unit	UVDOS		
UV Lamp Cleaning Unit	UVCLR		
UV Lamps	UVLMP		
Valve	VAL	VALVETYPE	
Vent / Ventilator	VENT	VENTTYPE	
Walkway	WALK	WALKWAYTYPE	
Weir	WEIR	WEIRTYPE	

*Refer to Appendix B to address level 5 Child assets of Level 5 Parent Assets

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4				LEVEL 5		LEVEL 6	LEVEL 7
Network	Scheme Name	Facility/Sub-System Group	*Process*	*Code*	Process	Code	Parent Asset	Code	Child Asset	Child Asset Number
					Lime Dosing	CDLIM				
					Polymer Dosing	CDPOL				
					Ferric Chloride Dosing	CDFECL				
			Treatment Process System - Commencing at (not including) the isolation valve or end of terminal pipe from Pretreatment and including the isolation or NRV valve or terminal pipe to any pumping or chemical injection.							
			Relift Pumping	*RL*	Relift System General	RLS				
					Pump System	RLPMP				
					Pipework and Valves	RLPVA				
			Fluoridation	*FLU*	Fluoridation System	FLUS				
			Ph Adjustment	*PH*	Lime or Acid system	PHS				
			Disinfection	*DIS*	Disinfection System	DISS				
			Intermediate System - Commencing at (not including) the isolation valve or end of terminal pipe from treatment , to and including the isolation or NRV valve or terminal pipe to clear water holding. This includes the disinfection, pH adjustment and fluoridation.							
			Treated or Clear Water Storage	*TW*	Treated Water System General	TWS				
					Treated Water Pumping	TWPMP				
					Treated Water Pipework	TWPVA				
			Treated or Clear Water Storage - Commencing at (not including) the isolation valve or end of terminal pipe from treatment, or intermediate systems to and including the isolation or NRV valve at the outlet side of the clear water holding.							
			Solids Process	*SL*	Solids Management System General	SLS				
					Solids Pipework	SLPVA				
					Solids Pumping	SLPMP				
					Solids Thickening	SLTHK				
					Solids Recirculation	SLREC				
					Solids Dewatering	SLDEW				
					Solids Handling	SLHAN				
					Solids Waste	SLWAS				
			Solids Process - Commencing at the isolation valve or solids collection structure to and including the final removal of solids waste stream from treatment site							
			Power	*UPOW*	Plant Water Storage	UPWSTO				
			Plant Water	*UPW*	Plant Water Pipework	UPWPVA				
			Potable Water	*UWAT*	Potable Water Storage	UWATSTO				
			Gas	*UGAS*	Potable Water Pipework	UWATPVA				
					Gas Pipework	UGASPVA				
			Utilities - Commencing at the point of service entry to site and terminates at the service terminal point on site, ie service tap, plant switchboard, meter.							
			Building and Land Improvements	*BG*	Buildings and Grounds	BG				
			To be applied for the overall site. Only to be utilised for multiuse structures and infrastructure.							
			Site Wide, Common Elements	*SMEH*	Site Wide Elec/Mech/Structural Systems	SMEH				
			Only to be used for items of infrastructure that apply to the site at large as opposed to any individual structure or building and are maintained for site wide usage							

LEVEL 1	LEVEL 2		LEVEL 3
Network	Scheme Name		Facility/Sub-System Group
Water	W	1770	1770
		Agnes Water	AW
		Benaraby	BEN
		Bororen	BOR
		Boyne Island	BI
		Calliope	CAL
		Curtis Island	CI
		Gladstone	GLA
		Miriam Vale	MV
		Mount Larcom	ML
		Tannum Sands	TS
		Wurdong	WUR
		Yarwun	YAR
			Reservoir RESEV_catchment
			In the case of more than one reservoir per scheme, the subcatchment served by the reservoir is added to the description.
			NOTE: A summary description of specific Reservoirs is also provided at this level.
			Where there is no level4/5 Assets to be Maintained this asset can be managed at the Facility Level, using the Level 3 Summary Assets, with the appropriate Domain Lists.

LEVEL 4		
Process	*Sub-Process*	Code
The intent of the Sub-Process delimitation is to separate the plant into the identifiable process elements. IDEALLY the process elements are best identified from the Plant P&ID or Process Flow Diagrams with the processes delimited by valves (generally isolation) or at an outfall to another process.		
Elevated Tanks	*Tank Stand*	STAND
This refers to the tank stand structure only where the stand is a separate structure to the tank. It includes any foundation works and safety equipment specific to the stand.		
Ground or Elevated Tanks	*Inlet System*	INLT
The inlet system to any tank commences at the last isolation valve of the incoming main (whether sluice or backflow check) and terminates at the end of the pipework delivering water to the tank, i.e. if an eductor is used this includes the eductor.		
Ground or Elevated Tanks	*Tank/Standpipe*	STOR
The tank/standpipe is the component of the reservoir that stores and contains the fluid. It does not include drain, overflow or outlet works, but does include specific safety, security , instrumentation within intended zone for water storage.		
Ground or Elevated Tanks	*Roof System*	ROFSYS
The reservoir roof system includes the roof support system excluding the reservoir shell. That is any internal columns form part of this system. It also includes equipment including safety equipment that is directly attached and structurally dependant on the roof for its function.		
Ground or Elevated Tanks	*Shell*	SHELL
The reservoir shell is the external walls and base of the reservoir to which ladders, and other equipment are attached.		
Ground or Elevated Tanks	*Mixing System*	MIX
The mixing system within the tank is that infrastructure specifically installed to promote even mixing of incoming water including any chemical dosing system where by a chemical is being added during the water storage at this site.		
Ground or Elevated Tanks	*Outlet Piping*	OUT
Outlet System includes the drain, overflow and outlet works. It commences from the infrastructure within the stored water zone that initiates the outlet flow and terminates at the terminal element of the pipework, i.e. overflow pipe frog-flap, or at the most upstream valve (sluice or check) above any inlet bypass pipe works. In the event of no bypass system the terminal element of the outlet system is the most downstream valve that isolates the reservoir outflow from the reservoir.		
Ground or Elevated Tanks	*Bypass System*	BYPAS
The bypass system is that system of valves, pipes and instrumentation that enables 'bypassing' of the reservoir such that the incoming main is directly flowing to the outgoing main. The bypass system commences at the fitting/valve on the incoming main and terminates at the junction of the bypass pipework to the outgoing main. Note this pipework is often installed within the same pit as inlet and outlet system valves.		
Utilities	*Power*	UPOW
	Plant Water	UPW
	Potable Water	UWAT
	Gas	*UGAS*
Commencing at the point of service entry to site and terminates at the service terminal point on site, i.e. service tap, plant switchboard, meter.		
Buildings and Grounds	*Buildings and Grounds*	BG
To be applied for the overall site. Only to be utilised for multiuse structures and infrastructure		

LEVEL 5		LEVEL 6	LEVEL 7
Parent Asset	Code	Child Asset	Child Asset Number
Access Lid	ACLID	ACCESSCOVERTYPE	
Access Roads and Paved Areas	ROAD		
Active Fire Alarm System	FALRM	FIREALARMTYPE	
Aviation Lighting	AVRLT	LIGHTTYPE	
Building	BLD	BUILDFUNCT	
Cathodic Protection	CATHP	CATHODICTYPE	
Crane	CRNE	CRANETYPE	
Electronic Data Capture	EDC		
Fence	FENC	FENCETYPE	
Fire Fighting Equipment	FIREQ	FIRETYPE	
Fittings	FITT	FITTINGTYPE	
Heating Ventilation and Air-Conditioning	HVAC	HVACTYPE	
Instrument	INST	INSTRUMENTTYPE	
Ladders	LADD	LADDERTYPE	
Landscaping	LANS	LANDSCAPETYPE	
Lighting Systems	LIGT	LIGHTTYPE	
Lightning Protection Systems	LTRPROT		
Liner Systems	LNR	LINERTYPE	
Material Protection System	MATPROT	PROTECTIONTYPE	
Meters	MET	METERTYPE	
Mixer	MXR	MIXERTYPE	
Motor	MOTR	MOTORTYPE	
Pipes Water	PIPE	PIPETYPE	
Platforms	PLAT		
Pump	PMP	PUMPTYPE	
Safety Equipment	SAFEQ	SAFETYEQUIPMENTTYPE	
SCADA	SCDA		
Security System	SECSY	SECURITYSYSTEMTYPE	
Structure	STRU	STRUCTURETYPE	
Valve	VAL	VALVETYPE	
Vent / Ventilator	VENT	VENTTYPE	
Walkway	WALK	WALKWAYTYPE	
Weir	WEIR	WEIRTYPE	

LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5		LEVEL 6	LEVEL 7
Network		Scheme Name		Facility/Sub-System Group		Process	Code	Parent Asset	Code	Child Asset	Child Asset Number
Water	W	1770	1770	Pump Stations	PS_catchment	The intent of the Sub-Process delimitation is to separate the plant into the identifiable process elements. IDEALLY the process elements are best identified from the Plant P&ID or Process Flow Diagrams with the processes delimited by valves (generally isolation) or at an outfall to another process.		Access Lid	ACLID	ACCESSCOVERTYPE	
		Agnes Water	AW					Active Fire Alarm System	FALRM	FIREALARMTYPE	
		Benaraby	BEN	*In the case of more than one pump station per scheme, the catchment served by the pumpstation is added to the description.*				Alternator*	ALT		
		Bororen	BOR					Battery	BATT	BATTERYTYPE	
		Boyne Island	BI					Battery Charging Unit	CHAR	BATTERYCHARGERTYPE	
		Calliope	CAL					Cable	CAB	CABLEUSE	
		Curtis Island	CI					Crane	CRNE	CRANETYPE	
		Gladstone	GLA	NOTE: A summary description of the specific Water Treatment Plant is also provided at this level.		Suction System	SUCT	Engine*	ENG		
		Miriam Vale	MV					Electronic Data Capture	EDC		
		Mount Larcom	ML			*The suction/inlet side of the pump station commences at inlet works foot valve, check valve, non-return valve of incoming network main, or terminal valve of reservoir outlet system and continues to and includes the pump inlet isolation valve.*		Fence	FENC	FENCETYPE	
		Tannum Sands	TS					Fire Fighting Equipment	FIREQ	FIRETYPE	
		Wurdong	WUR					Fittings	FITT	FITTINGTYPE	
		Yarwun	YAR			Pump System	PSYS	Fuel Storage System	FULST		
								Gear Box	GBOX		
						The pump station pumping system commences from the pump inlet isolation valve continues through to pump discharge line non-return valve where the network pipe segments commence. This includes any flow metering instrumentation and flow based chemical dosing systems between these spatial limits		Generator Set	GSET	GENERATORTYPE	
								Human Interface Terminal	HITS		
								Instrument	INST	INSTRUMENTTYPE	
								Ladders	LADD	LADDERTYPE	
						Utilities	UPOW	Landscaping	LANS	LANDSCAPETYPE	
							UPW	Lighting Systems	LIGT	LIGHTTYPE	
							UWAT	Load Bank*	LBNK		
							UGAS	Manholes	ACMH	MANHOLETYPE	
						Commencing at the point of service entry to site and terminates at the service terminal point on site, i.e. service tap, plant switchboard, meter.		Material Protection System	MATPROT	PROTECTIONTYPE	
								Meters	MET	METERTYPE	
								Motor	MOTR	MOTORTYPE	
								Motor Control Centre	MCC		
						Buildings and Grounds	BG	Pipes Water	PIPE	PIPETYPE	
								Power Supply	PSUPP	ENERGYTYPE	
						To be applied for the overall site. Only to be utilised for multiuse structures and infrastructure		Programmable Logic Controller	PLC	PLCTYPE	
								Pump	PMP	PUMPTYPE	
								Road / Parking Area	ROAD		
						Site Wide, Common Elements	SMEH	Safety Equipment	SAFEQ	SAFETYEQUIPMENTTYPE	
								SCADA	SCDA		
						Only to be used for items of infrastructure that apply to the site at large as opposed to any individual structure or building and are maintained for site wide usage		Security System	SECSY	SECURITYSYSTEMTYPE	
								Structure	STRU	STRUCTURETYPE	
								Substation	SUBS	SUBMETERTYPE	
								Switchboard	SWBRD		
								Telemetry	TELE	TELEMETRYTYPE	
								Transformer	TRANS	TRANSFORMERTYPE	
								Uninterruptible Power Supply	UPS		
								Valve	VAL	VALVETYPE	
								Walkway	WALK	WALKWAYTYPE	

*Refer to Appendix B to address level 5 Child assets of Level 5 Parent Assets

LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5	LEVEL 6		LEVEL 7	LEVEL 8
Network		Scheme Name		Facility/Sub-System Group		Parent Level Asset	Code	Parent Asset #	Child Asset	Code	Sub Child Asset	Child or Sub Child Asset #
Water	W	1770	1770	Distribution/Reticulation System	NET_catchment	Network Nodes	NNODE		Fittings	FITT	FITTINGTYPE	
		Agnes Water	AW			*Nodes represent the beginning and end points of pipe segments. Each node may represent a valve, pipe junction, pit, meter*			Hydrant	HYDN	HYDRANTTYPE	
		Benaraby	BEN	*In the case of more than one distribution network per scheme, the network subcatchment/pressure zone name is added to the description.*					Instrument	INST	INSTRUMENTTYPE	
		Bororen	BOR			Pipe Segments	PIPSGM		Meters	MET	METERTYPE	
		Boyne Island	BI			*Pipe segments commence and end with a node. All fittings, hydrants, valves , laterals become pipe children*			Service Connection Pipe	SCONN	CONNECTIONTYPE	
		Calliope	CAL						Structure	STRU	STRUCTURETYPE	
		Curtis Island	CI			Pipe Structures	PIPSTRU		Valve	VAL	VALVETYPE	
		Gladstone	GLA			*Reticulation Structures for the pipes are those structures required for the pipe connection function to be maintained. This only refers to pipe bridges, a system of supports, submarine sections.*			GPS Position	GGPS		
		Miriam Vale	MV									
		Mount Larcom	ML									
		Tannum Sands	TS									
		Wurdong	WUR									
		Yarwun	YAR									

LEVEL 1		LEVEL 2		LEVEL 3	LEVEL 4				LEVEL 5		LEVEL 6	LEVEL 7
Network		Scheme Name		Facility/Sub-System Group	*Process*	*Code*	Process	Code	Parent Asset	Code	Child Asset	Child Asset Number
Wastewater	WW	1770	1770	Treatment Plant TP_catchment	The intent of the Sub-Process delimitation is to separate the plant into the identifiable process elements. IDEALLY the process elements are best identified from the Plant P&ID or Process Flow Diagrams with the processes delimited by valves (generally isolation) or at an outfall to another process.				Access Lid	ACLID	ACCESSCOVERTYPE	
		Agnes Water	AW						Active Fire Alarm System	FALRM	FIREALARMTYPE	
		Benaraby	BEN	*In the case of more than one treatment plant per scheme, the catchment served by the treatment plant is added to the description.*					Aerator	AERA	AERATORTYPE	
		Bororen	BOR						Alternator*	ALT		
		Boyne Island	BI						Auto Sampler	SAMP	SAMPLERTYPE	
		Calliope	CAL						Bearings*	BEAR		
		Curtis Island	CI		Influent and Inlet Systems	*I*	Influent Pumping Station	IPS	Belt Press*	BELT	PRESSTYPE	
		Gladstone	GLA	NOTE: A summary description of the specific Wastewater Treatment Plant is also provided at this level.			Inlet Channel	ICHAN	Bin Hopper	BIN	BINHOPPERTYPE	
		Miriam Vale	MV				Influent Pipework	IPVA	Blower	BLO	BLOWERTYPE	
		Mount Larcom	ML				Influent Dosing with chemical *n*	ICD*n*	Building	BLD	BUILDFUNCT	
		Tannum Sands	TS				Influent Screening	ISCR	Cable	CAB	CABLEUSE	
							Influent Grit Removal	IGTR				
		Wurdong	WUR				Balance Tank and associated Equipment	ISTO	Cathodic Protection	CATHP	CATHODICTYPE	
		Yarwun	YAR				Overflow System	IOVR	Compactor	CMPA		
							Emergency Storage System	IEMS	Compressor	COMP	COMPRESSORTYPE	
					From any untreated source to and including the isolation valve to treatment process inlet				Conveyor	CONY	CONVEYORTYPE	
									Crane	CRNE	CRANETYPE	
					Bypass	*BYP*	Plant Bypass	BYP	Electronic Data Capture	EDC		
					Depending on where the plant bypass originates from, the extent of the bypass system commences from the bypass activation valve and continues to its terminal location, inclusive of structures, headwall and instrumentation.				Emergency Storage	EMS	EMSTYPE	
									Engine*	ENG		
					Primary	*1*	Primary Clarification	1CLA	Fan	FAN	FANTYPE	
							Primary Aeration	1AER	Fence	FENC	FENCETYPE	
							Primary Process Instruments	1PI	Filter	FILT	FILTERTYPE	
							Primary Process Power	1PP	Fire Fighting Equipment	FIREQ	FIRETYPE	
					This refers to 'primary' treatment process train and elements.				Fittings	FITT	FITTINGTYPE	
									Gear Box	GBOX		
					Secondary	*2*	Secondary Aeration	2AER	Generator Set*	GSET	GENERATORTYPE	
							Secondary Aeration Blower	2BLO	Gravity Sewers	GSEW	SEWERTYPE	
							Secondary Mixing	2MIX	Grit Removal	GITR	GRITCHAMBERTYPE	
							Secondary Reactor Basin Dewatering Systems	2RBD	Guide Rail	GRAIL		
									Heating Ventilation and Air-Conditioning	HVAC	HVACTYPE	
							Secondary Clarification	2CLA	Human Interface Terminal	HITS		
							Secondary Mixed Liquor Recycling	2MLR	Injector	INJET	INJECTORTYPE	
							Secondary Air System	2AIR				
							Secondary RAS Pumping	2RAP	Instrument	INST	INSTRUMENTTYPE	
							Secondary Process Instruments	2PI	Ladders	LADD	LADDERTYPE	
							Secondary Process Power	2PP	Landscaping	LANS	LANDSCAPETYPE	
							Secondary Process Supporting Equipment	2SUP	Lighting Systems	LIGT	LIGHTTYPE	
							Secondary Supporting Structures	2STR	Load Bank*	LBNK		
							Secondary Pipework and Valves	2PVA	Manholes	ACMH	MANHOLETYPE	
					This refers to 'secondary' treatment process train and elements.				Material Protection System	MATPROT	PROTECTIONTYPE	
									Meters	MET	METERTYPE	
					Tertiary	*3*	Tertiary Effluent Storage	3ESTO	Mixer	MXR	MIXERTYPE	
							Tertiary Effluent Filtration	3EFF	Motor	MOTR	MOTORTYPE	
							Tertiary Disinfection	3DIS	Motor Control Centre	MCC		
							Tertiary Aeration	3AER	Pipes Water	PIPE	PIPETYPE	
							Tertiary Process Instrumentation	3PI	Pipes Water	PIPE	PIPETYPE	
							Tertiary Chemical Dosing (for each chemical)	3CD	Platforms	PLAT		
									Pond / Lagoon	POND	PONDTYPE	
							Tertiary Plant Water Pumping	3PWP	Power Supply	PSUPP	ENERGYTYPE	
							Tertiary Process Power	3PP	Programmable Logic Controller	PLC	PLCTYPE	
							Tertiary Pipework and Valves	3PVA	Pump	PMP	PUMPTYPE	
					This refers to 'Tertiary' treatment process train and elements.							
									Radio	RAD	RADIOTYPE	
					Bioreactor	*BIO*	Bioreactor Structure	BIOREAC	Remote Terminal / Telemetry Unit	RTU		
							Bioreactor Inlet Pipe work	BIOIPVA	Rising Sewer Mains	RSEW	SEWERTYPE	
							Bioreactor Anaerobic Zone Anaerobic Zone 1 , Anaerobic Zone n	BIOANE	Rollers*	ROLL		
							Bioreactor Anoxic Zone Preliminary/Secondary Anoxic Zone	BIOANO	Road / Parking Area	ROAD		
							Bioreactor Aerobic Zone Aerobic Zone 1 , n	BIOAER	Safety Equipment	SAFEQ	SAFETYEQUIPMENTTYPE	
							Return Activated Sludge	BIORAS	SCADA	SCDA		
							Waste Activated Sludge	BIOWAS	Screen / Sieve / Strainer	SCR	SCREENTYPE	
							A-Recycle	BIOAREC	Security System	SECSY	SECURITYSYSTEMTYPE	
							R-Recycle	BIORREC	Structure	STRU	STRUCTURETYPE	
							Blowers	BIOBLO	Switchboard	SWBRD		
									Tank	TNK	TANKTYPE	
									Telemetry	TELE	TELEMETRYTYPE	
									Transformer	TRANS	TRANSFORMERTYPE	
									Uninterruptible Power Supply	UPS		
									UV Dosing Unit	UVDOS		
									UV Lamp Cleaning Unit	UVCLR		
									UV Lamps	UVLMP		
									Valve	VAL	VALVETYPE	
									Vent / Ventilator	VENT	VENTTYPE	

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4				LEVEL 5		LEVEL 6	LEVEL 7
Network	Scheme Name	Facility/Sub-System Group	*Process*	*Code*	Process	Code	Parent Asset	Code	Child Asset	Child Asset Number
					Bioreactor Scum Management	BIOSCM	Walkway	WALK	WALKWAYTYPE	
							Weir	WEIR	WEIRTYPE	
			This refers to overall bioreactor treatment process train, structure and elements.				*Refer to Appendix B to address level 5 Child assets of Level 5 Parent Assets			
			Solids Process	*SP*	Solids Process Waste Activated Solids Pumping	SPWP				
					Solids Process Sludge Thickening	SPST				
					Solids Process Sludge Pumping	SPSP				
					Solids Process Sludge Storage	SPSS				
					Solids Process Sludge Dewatering	SPDW				
					Solids Process Sludge Conveyance	SPCV				
					Solids Process Sludge Odour Control	SPOC				
					Solids Process Scum Control	SPSC				
					Solids Process Pipework and Valves	SPPVA				
			Commencing at the isolation valve or solids collection structure to and including the final removal of solids waste stream from treatment site							
			Effluent Management System	*EFF*	Effluent Chlorine Contact tank	CDOSE				
					Effluent Storage	EFFS				
					Effluent Pump Station	EFFPSP				
			Effluent Management system (commences at the inlet to the contank system ie downstream of the last isolation valve or at the discharge end of the pipework from treatment, and concludes at the terminal valve or pipe leading to recycled water (or effluent Pumpstation) NRV.							
			Disposal System Infrastructur	*DIS*	Disposal System Pipework and Valves	DISPVA				
					Disposal Balance Tank	DISBTNK				
					Disposal Pump Station	DISPSP				
			Commencing at (not including) the isolation valve or end of terminal pipe from treatment, or intermediate systems to and including the isolation or NRV valve at the outlet side of the clear water holding.							
			Utilities	*U*	Utilities Power	UPOW				
					Utilities Plant Water	UPW				
					Utilities Potable Water	UWAT				
					Utilities Gas	UGAS				
			Commencing at the point of							
			Building and Land Improvements	*BG*	Buildings and Grounds	BG				
			To be applied for the overall							
			Site Wide, Common Elements	*SMEH*	Site Wide Elec/Mech/Structural Systems	SMEH				
			Only to be used for items of infrastructure that apply to the site at large as opposed to any individual structure or building and are maintained for site wide usage							

LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5		LEVEL 6	LEVEL 7
Network		Scheme Name		Facility/Sub-System Group		Process	Code	Parent Asset	Code	Child Asset	Child Asset Number
Wastewater	WW	1770	1770	Pump Stations	PS_catchment	The intent of the Sub-Process delimitation is to separate the plant into the identifiable process elements. IDEALLY the process elements are best identified from the Plant P&ID or Process Flow Diagrams with the processes delimited by valves (generally isolation) or at an outfall to another process.		Access Lid	ACLID	ACCESSCOVERTYPE	
		Agnes Water	AW	*In the case of more than one pump station per scheme, the collection zone name served by the pumpstation is added to the description.*		NOTE: For Wastewater Pump Stations, the following demarcation rules apply: *The gravity collection system upstream of a Pump Station is titled by the first pump station it reports to.*		Active Fire Alarm System	FALRM	FIREALARMTYPE	
		Benaraby	BEN			Influent System	ISYS	Alternator*	ALT		
		Bororen	BOR	NOTE: A summary description of specific Wastewater Pump Station is also provided at this level.		*The influent system of a pump station commences at the flow metering pit or zero manhole which-ever occurs first*		Building	BLD	BUILDFUNCT	
		Boyne Island	BI			Effluent System	EFFL	Compactor	CMPA		
		Calliope	CAL			*The effluent system commences immediately downstream of the pump station pumping system NRV and continues to the flow metering pit or isolation valve whichever is the most downstream location which should include any pigging chamber for the pump station*		Controller	CONT	CONTOLLERTYPE	
		Curtis Island	CI			Rising Main	RSEW	Conveyor	CONY	CONVEYORTYPE	
		Gladstone	GLA			*The rising or force main system commences immediately downstream of the effluent system isolation valve.*		Crane	CRNE	CRANETYPE	
		Miriam Vale	MV			Pump System	SPMP	Emergency Storage	EMS	EMSTYPE	
		Mount Larcom	ML			*The pump station system commences at the pump well and continues to and includes the discharge line non-return valve or isolation valve, or the terminal outlet of discharge point to atmosphere if pumping to gravity sewer or pond system.*		Engine*	ENG		
		Tannum Sands	TS			Utilities	UPOW	Fan	FAN	FANTYPE	
		Wurdong	WUR				UPW	Fence	FENC	FENCETYPE	
		Yarwun	YAR				UWAT	Filter	FILT	FILTERTYPE	
							UGAS	Fire Fighting Equipment	FIREQ	FIRETYPE	
						Commencing at the point of service entry to site and terminates at the service terminal point on site, i.e. service tap, plant switchboard, meter.		Generator Set	GSET	GENERATORTYPE	
						Buildings and Grounds	BG	Grinder	GRND		
						To be applied for the overall site. Only to be utilised for multiuse structures and infrastructure		Guide Rail	GRAIL		
						Site Wide, Common Elements	SMEH	Heating Ventilation and Air-Conditioning	HVAC	HVACTYPE	
						Only to be used for items of infrastructure that apply to the site at large as opposed to any individual structure or building and are maintained for site wide usage		Human Interface Terminal	HITS		
								Instrument	INST	INSTRUMENTTYPE	
								Ladders	LADD	LADDERTYPE	
								Landscaping	LANS	LANDSCAPETYPE	
								Lighting Systems	LIGT	LIGHTTYPE	
								Load Bank*	LBNK		
								Manholes	ACMH	MANHOLETYPE	
								Meters	MET	METERTYPE	
								Motor	MOTR	MOTORTYPE	
								Motor Control Centre	MCC		
								Pipes Water	PIPE	PIPETYPE	
								Power Supply	PSUPP	ENERGYTYPE	
								Programmable Logic Controller	PLC	PLCTYPE	
								Pump	PMP	PUMPTYPE	
								Radio	RAD	RADIOTYPE	
								Remote Terminal / Telemetry Unit	RTU		
								Rising Sewer Mains	RSEW	SEWERTYPE	
								Road / Parking Area	ROAD		
								Safety Equipment	SAFEQ	SAFETYEQUIPMENTTYPE	
								SCADA	SCDA		
								Screen / Sieve / Strainer	SCR	SCREENTYPE	
								Security System	SECSY	SECURITYSYSTEMTYPE	
								Structure	STRU	STRUCTURETYPE	
								Switchboard	SWBRD		
								Transformer	TRANS	TRANSFORMERTYPE	
								Uninterruptible Power Supply	UPS		
								Valve	VAL	VALVETYPE	
								Vent / Ventilator	VENT	VENTTYPE	
								Walkway	WALK	WALKWAYTYPE	

*Refer to Appendix B to address level 5 Child assets of Level 5 Parent Assets

LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5	LEVEL 6		LEVEL 7	LEVEL 8
Network		Scheme Name		Facility/Sub-System Group		Parent Level Asset	Code	Parent Asset Number	Child Asset	Code	Sub Child Asset	Child or Sub Child Asset Number
Wastewater	WW	1770	1770	Collection Systems	COLL_catchment	Within the Wastewater Collection Network, all sewers are represented as a PIPE, between NODES which are typically manholes (In which case they are ACMH parents, otherwise NNODE). Use of NNODE enables the Sewer or Rising Main to be terminated at isolation valves, pipe tee, of pipe size change where the is no manhole, i.e. within Rising Mains.		#	Access Lid	ACLID	ACCESSCOVERTYPE	
		Agnes Water	AW						Fitting	FITT	FITTINGTYPE	
		Benaraby	BEN						Grinder	GRND		
		Bororen	BOR						Instrument	INST	INSTRUMENTTYPE	
		Boyne Island	BI	*In the case of more than one collection system per scheme, the collection sub-system name/number is added to the description.*					Ladders	LADD	LADDERTYPE	
		Calliope	CAL			Service Laterals	SCONN		Manholes	ACMH	MANHOLETYPE	
		Curtis Island	CI			*Service Laterals extend from a collection sewer to the property connection, jump up. The service lateral includes the sewer entry and the jump up chamber/pit only.*			Meters	MET	METERTYPE	
		Gladstone	GLA						Safety Equipment	SAFEQ	SAFETYEQUIPMENTTYPE	
		Miriam Vale	MV			Manholes	ACMH		Structure	STRU	STRUCTURETYPE	
		Mount Larcom	ML			*Manholes/Maintenance Access Chambers include the structure, lid, rocker jointing, internal/external drops, penstocks and benching.*			Valve	VAL	VALVETYPE	
		Tannum Sands	TS						Vent / Ventilator	VENT	VENTTYPE	
		Wurdong	WUR			Sewer	GSEW					
		Yarwun	YAR			*Sewers run from manhole to manhole.*						
						Rising Mains	RSEW					
						Rising mains commence immediately downstream of the Pump station isolating valve. Rising mains retain the scheme name of their originating Pump station until meeting influent system of new pump station or become combined rising main.						
						Combined Rising Main	CRSEW					
						Combined rising mains extend from the main junction point/manhole and retain the scheme name of their originating Pump Station,						
						Network Nodes	NNODE					
						NNODE enables the Sewer or Rising Main to be terminated at isolation valves, pipe tee, of pipe size change where the is no manhole, i.e. within Rising Mains.						

LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4		LEVEL 5		LEVEL 6	LEVEL 7
Network	Scheme Name	Facility/Sub-System Group	Process	Code	Parent Asset	Code	Child Asset	Child Asset Number
Wastewater WW	1770 1770	Storage STOR_catchment	The intent of the Sub-Process delimitation is to separate the plant into the identifiable process elements. IDEALLY the process elements are best identified from the Plant P&ID or Process Flow Diagrams with the processes delimited by valves (generally isolation) or at an outfall to another process.		Access Lid	ACLID	ACCESSCOVERTYPE	
	Agnes Water AW				Active Fire Alarm System	FALRM	FIREALARMTYPE	
	Benaraby BEN				Building	BLD	BUILDFUNCT	
	Bororen BOR				Compactor	CMPA		
	Boyne Island BI	*In the case of more than one effluent storage system per scheme, the collection system name/number served by the storage is added to the description.*			Controller	CONT	CONTOLLERTYPE	
	Calliope CAL		*Wastewater Storage Facility is where waste water is stored for reuse or disposal. In some instances the 'storage' is itself a treatment process stage. In those instances the storage is to be incorporated into the WWTP asset hierarchy. The instances where this asset type is used are where the 'storage' is offsite from the WWTP and is intended to include camper effluent dump tanks, treated effluent storage ponds (i.e. Golf Club), or final effluent evaporation ponds where these are located outside of the WWTP site.*		Conveyor	CONY	CONVEYORTYPE	
	Curtis Island CI				Crane	CRNE	CRANETYPE	
	Gladstone GLA				Emergency Storage	EMS	EMSTYPE	
	Miriam Vale MV				Fan	FAN	FANTYPE	
	Mount Larcom ML				Fence	FENC	FENCETYPE	
	Tannum Sands TS				Fire Fighting Equipment	FIREQ	FIRETYPE	
	Wurdong WUR				Grinder	GRND		
	Yarwun YAR				Heating Ventilation and Air-Conditioning	HVAC	HVACTYPE	
			Influent System	ISYS	Human Interface Terminal	HITS		
			The influent system of a wastewater storage system commences at the flow metering pit, zero manhole, or isolation valve which-ever occurs first and continues to and includes the entry/inlet structure of basin/tank. This includes the flow measurement flumes and/or meters		Instrument	INST	INSTRUMENTTYPE	
					Ladders	LADD	LADDERTYPE	
					Landscaping	LANS	LANDSCAPETYPE	
					Lighting Systems	LIGT	LIGHTTYPE	
					Maintenance Access / Manholes	ACMH	MANHOLETYPE	
					Material Protection System	MATPROT	PROTECTIONTYPE	
			Storage Basins	ESTOR	Meters	MET	METERTYPE	
			The storage basin is a structure for the containment, storage of wastewater. All assets excluding the inlet pit and includes discharge pits, drain, scour pipework, recirculation, instrumentation, baffles within the basin are included		Motor	MOTR	MOTORTYPE	
					Pipes Water	PIPE	PIPETYPE	
					Power Supply	PSUPP	ENERGYTYPE	
					Programmable Logic Controller	PLC	PLCTYPE	
					Pump	PMP	PUMPTYPE	
			Pump System	SPMP	Radio	RAD	RADIOTYPE	
			The pump system (if required) extends from and including the pumping system isolation valve (Gate or NRV) to the terminal end of the pump discharge pipework, i.e. the end of the pump discharge manifold, NRV or metering location. It includes all the pumping equipment and instrumentation attached.		Remote Terminal / Telemetry Unit	RTU		
					Rising Sewer Mains	RSEW	SEWERTYPE	
					Road / Parking Area	ROAD		
					Safety Equipment	SAFEQ	SAFETYEQUIPMENTTYPE	
					SCADA	SCDA		
					Screen / Sieve / Strainer	SCR	SCREENTYPE	
			Effluent System	EFFL	Security System	SECSY	SECURITYSYSTEMTYPE	
			The effluent system is pipework, valves, metering and sampling equipment extending from the discharge pit to/from any intermediate pumping system, and where appropriate includes pipework to and including the isolation valve of disposal systems such as outfall discharge piping, metering and structures.		Structure	STRU	STRUCTURETYPE	
					Structure Access Ladders and Walkways	WALK		
					Switchboard	SWBRD		
					Valve	VAL	VALVETYPE	
					Vent / Ventilator	VENT	VENTTYPE	
					Walkway	WALK	WALKWAYTYPE	
			Utilities	UPOW UPW UWAT UGAS				
			Commencing at the point of service entry to site and terminates at the service terminal point on site, i.e. service tap, plant switchboard, meter.					
			Buildings and Grounds	BG				
			To be applied for the overall site. Only to be utilised for multiuse structures and infrastructure					
			Site Wide, Common Elements	SMEH				
			Only to be used for items of infrastructure that apply to the site at large as opposed to any individual structure or building and are maintained for site wide usage					

LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5		LEVEL 6	LEVEL 7
Network		Scheme Name		Facility/Sub-System Group		Process	Code	Parent Asset	Code	Child Asset	Child Asset Number
Wastewater	WW	1770	1770	Disposal System	DISP	The intent of the Sub-Process delimitation is to separate the plant into the identifiable process elements. IDEALLY the process elements are best identified from the Plant P&ID or Process Flow Diagrams with the processes delimited by valves (generally isolation) or at an outfall to another process.		Active Fire Alarm System	FALRM	FIREALARMTYPE	
		Agnes Water	AW					Auto Sampler	SAMP	SAMPLERTYPE	
		Benaraby	BEN			*Wastewater Disposal Systems are those which convey wastewater (treated or un-treated) to the terminal placement position. This includes outfalls to creek and/or ocean discharge, land application irrigation systems, and pipework that transports effluent to a third party disposal and/or use scheme.*		Building	BLD	BUILDFUNCT	
		Bororen	BOR					Cable	CAB	CABLEUSE	
		Boyne Island	BI					Compactor	CMPA		
		Calliope	CAL					Controller	CONT	CONTOLLERTYPE	
		Curtis Island	CI					Conveyor	CONY	CONVEYORTYPE	
		Gladstone	GLA					Crane	CRNE	CRANETYPE	
		Miriam Vale	MV					Fan	FAN	FANTYPE	
		Mount Larcom	ML					Fence	FENC	FENCETYPE	
		Tannum Sands	TS					Fire Fighting Equipment	FIREQ	FIRETYPE	
		Wurdong	WUR			Disposal Systems		Grinder	GRND		
		Yarwun	YAR					Heating Ventilation and Air-Conditioning	HVAC	HVACTYPE	
						Disposal System Pipework and Valves	DISPVA	Human Interface Terminal	HITS		
						Disposal Outfall	DISOUTF	Instrument	INST	INSTRUMENTTYPE	
						Disposal Irrigation System	DISIRR	Landscaping	LANS	LANDSCAPETYPE	
								Lighting Systems	LIGT	LIGHTTYPE	
						Commencing at (not including) the isolation valve or end of terminal pipe from treatment, or intermediate systems to the NRV valve at the inlet side of any disposal pumping system, to the terminal placement position of the wastewater.		Meters	MET	METERTYPE	
								Motor	MOTR	MOTORTYPE	
						Pump System	SPMP	Motor Control Centre	MCC		
								Pipes Water	PIPE	PIPETYPE	
						The pump system (if required) extends from and including the pumping system isolation valve (Gate or NRV) to the terminal end of the pump discharge pipework, i.e. the end of the pump discharge manifold, NRV or metering location. It includes all the pumping equipment and instrumentation attached.		Power Supply	PSUPP	ENERGYTYPE	
								Programmable Logic Controller	PLC	PLCTYPE	
								Pump	PMP	PUMPTYPE	
								Radio	RAD	RADIOTYPE	
								Remote Terminal / Telemetry Unit	RTU		
								Rising Sewer Mains	RSEW	SEWERTYPE	
								Road / Parking Area	ROAD		
						Utilities	UPOW	Safety Equipment	SAFEQ	SAFETYEQUIPMENTTYPE	
							UPW	SCADA	SCDA		
							UWAT	Screen / Sieve / Strainer	SCR	SCREENTYPE	
							UGAS	Security System	SECSY	SECURITYSYSTEMTYPE	
								Structure	STRU	STRUCTURETYPE	
						Commencing at the point of service entry to site and terminates at the service terminal point on site, i.e. service tap, plant switchboard, meter.		Switchboard	SWBRD		
								Valve	VAL	VALVETYPE	
								Vent / Ventilator	VENT	VENTTYPE	
						Buildings and Grounds	BG	Walkway	WALK	WALKWAYTYPE	
						To be applied for the overall site. Only to be utilised for multiuse structures and infrastructure					
						Site Wide, Common Elements	SMEH				
						Only to be used for items of infrastructure that apply to the site at large as opposed to any individual structure or building and are maintained for site wide usage					

LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5		LEVEL 6	LEVEL 7
Network		Scheme Name		Facility/Sub-System Group		Process	Code	Parent Asset	Code	Child Asset	Child Asset Number
Recycled Water	RW	1770	1770	Pump Stations	PS_catchment	The intent of the Sub-Process delimitation is to separate the plant into the identifiable process elements. IDEALLY the process elements are best identified from the Plant P&ID or Process Flow Diagrams with the processes delimited by valves (generally isolation) or at an outfall to another process.		Access Lid	ACLID	ACCESSCOVERTYPE	
		Agnes Water	AW					Active Fire Alarm System	FALRM	FIREALARMTYPE	
		Benaraby	BEN	*In the case of more than one pump station per scheme, the sub-scheme served by the pump station is added to the description.*				Alternator*	ALT		
		Bororen	BOR					Battery	BATT	BATTERYTYPE	
		Boyne Island	BI					Battery Charging Unit	CHAR	BATTERYCHARGERTYPE	
		Calliope	CAL			Suction System	SUCT	Cable	CAB	CABLEUSE	
		Curtis Island	CI					Crane	CRNE	CRANETYPE	
		Gladstone	GLA	NOTE: A summary description of specific Recycled Water Pump Stations is also provided at this level.		*The suction/inlet side of the pump station commences at inlet works foot valve, check valve, non-return valve of incoming network main, or terminal valve of Reservoir outlet system and continues to and includes the pump inlet isolation valve.*		Electronic Data Capture	EDC		
		Miriam Vale	MV					Engine*	ENG		
		Mount Larcom	ML					Fence	FENC	FENCETYPE	
		Tannum Sands	TS					Fire Fighting Equipment	FIREQ	FIRETYPE	
		Wurdong	WUR			Pump System	PSYS	Fittings	FITT	FITTINGTYPE	
		Yarwun	YAR					Fuel Storage System	FULST		
						The pump station pumping system commences from the pump inlet isolation valve continues through to pump discharge line non-return valve where the network pipe segments commence. This includes any flow metering instrumentation and flow based chemical dosing systems between these spatial limits		Gear Box	GBOX		
								Generator Set*	GSET	GENERATORTYPE	
								Human Interface Terminal	HITS		
						Utilities	UPOW	Instrument	INST	INSTRUMENTTYPE	
							UPW	Ladders	LADD	LADDERTYPE	
							UWAT	Landscaping	LANS	LANDSCAPETYPE	
							UGAS	Lighting Systems	LIGT	LIGHTTYPE	
								Load Bank*	LBNK		
						Commencing at the point of service entry to site and terminates at the service terminal point on site, i.e. service tap, plant switchboard, meter.		Manholes	ACMH	MANHOLETYPE	
								Material Protection System	MATPROT	PROTECTIONTYPE	
								Meters	MET	METERTYPE	
								Motor	MOTR	MOTORTYPE	
								Motor Control Centre	MCC		
						Buildings and Grounds	BG	Pipes Water	PIPE	PIPETYPE	
								Power Supply	PSUPP	ENERGYTYPE	
						To be applied for the overall site. Only to be utilised for multiuse structures and infrastructure		Programmable Logic Controller	PLC	PLCTYPE	
								Pump	PMP	PUMPTYPE	
								Road / Parking Area	ROAD		
								Safety Equipment	SAFEQ	SAFETYEQUIPMENTTYPE	
								SCADA	SCDA		
						Site Wide, Common Elements	SMEH	Security System	SECSY	SECURITYSYSTEMTYPE	
								Structure	STRU	STRUCTURETYPE	
						Only to be used for items of infrastructure that apply to the site at large as opposed to any individual structure or building and are maintained for site wide usage		Substation	SUBS	SUBMETERTYPE	
								Switchboard	SWBRD		
								Telemetry	TELE	TELEMETRYTYPE	
								Transformer	TRANS	TRANSFORMERTYPE	
								Uninterruptible Power Supply	UPS		
								Valve	VAL	VALVETYPE	
								Walkway	WALK	WALKWAYTYPE	

*Refer to Appendix B to address level 5 Child assets of Level 5 Parent Assets

Network		Scheme Name		Facility/Sub-System Group		Parent Level Asset	Code	Parent Asset Number	Child Asset	Code	Sub Child Asset	Child or Sub Child Asset Number
Recycled Water	RW	1770	1770	Distribution/Reticulation System	NET_catchment	Network Nodes	NNODE	#	Fittings	FITT	FITTINGTYPE	
		Agnes Water	AW			*Nodes represent the beginning and end points of pipe segments. Each node may represent a valve, pipe junction,*			Hydrant	HYDN	HYDRANTTYPE	
		Benaraby	BEN	*In the case of more than one distribution network per scheme, the network subcatchment name is added to the description.*					Instrument	INST	INSTRUMENTTYPE	
		Bororen	BOR			Pipe Segments	PIPSGM		Meters	MET	METERTYPE	
		Boyne Island	BI			*Pipe segments commence and end with a node. All fittings, hydrants, valves, laterals become pipe children*			Node	NODE	NODETYPE	
		Calliope	CAL			Pipe Structures	PIPSTRU		Service Connection Pipe	SCONN	CONNECTIONTYPE	
		Curtis Island	CI			*Reticulation Structures for the pipes are those structures required for the pipe connection function to be maintained. This only refers to pipe bridges, a system of supports,*			Structure	STRU	STRUCTURETYPE	
		Gladstone	GLA						Valve	VAL	VALVETYPE	
		Miriam Vale	MV									
		Mount Larcom	ML									
		Tannum Sands	TS									
		Wurdong	WUR									
		Yarwun	YAR									

LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5		LEVEL 6	LEVEL 7
Network		Scheme Name		Facility/Sub-System Group		Process	Code	Parent Asset	Code	Child Asset	Child Asset Number
Bulk Water	BW	1770	1770	Pump Stations	PS_catchment	The intent of the Sub-Process delimitation is to separate the plant into the identifiable process elements. IDEALLY the process elements are best identified from the Plant P&ID or Process Flow Diagrams with the processes delimited by valves (generally isolation) or at an outfall to another process.		Access Lid	ACLID	ACCESSCOVERTYPE	
		Agnes Water	AW					Active Fire Alarm System	FALRM	FIREALARMTYPE	
		Benaraby	BEN	*In the case of more than one pump station per scheme, the actual location of the facility should be added to the description.*				Alternator*	ALT		
		Bororen	BOR					Battery	BATT	BATTERYTYPE	
		Boyne Island	BI					Battery Charging Unit	CHAR	BATTERYCHARGERTYPE	
		Calliope	CAL			Suction System	SUCT	Cable	CAB	CABLEUSE	
		Curtis Island	CI					Crane	CRNE	CRANETYPE	
		Gladstone	GLA	NOTE: A summary description of specific Bulk Water Pump Stations is also provided at this level.		*The suction/inlet side of the pump station commences at inlet works footvalve, check valve, non-return valve of incoming network main, or terminal valve of Reservoir outlet system and continues to and includes the pump inlet isolation valve.*		Electronic Data Capture	EDC		
		Miriam Vale	MV					Engine*	ENG		
		Mount Larcom	ML					Fence	FENC	FENCETYPE	
		Tannum Sands	TS					Fire Fighting Equipment	FIREQ	FIRETYPE	
		Wurdong	WUR			Pump System	PSYS	Fittings	FITT	FITTINGTYPE	
		Yarwun	YAR					Fuel Storage System	FULST		
						The pump station pumping system commences from the pump inlet isolation valve continues through to pump discharge line non-return valve where the network pipe segments commence. This includes any flow metering instrumentation and flow based chemical dosing systems between these spatial limits		Gear Box	GBOX		
								Generator Set*	GSET	GENERATORTYPE	
								Human Interface Terminal	HITS		
						Utilities	UPOW	Instrument	INST	INSTRUMENTTYPE	
							UPW	Ladders	LADD	LADDERTYPE	
							UWAT	Landscaping	LANS	LANDSCAPETYPE	
							UGAS	Lighting Systems	LIGT	LIGHTTYPE	
								Load Bank*	LBNK		
						Commencing at the point of service entry to site and terminates at the service terminal point on site, i.e. service tap, plant switchboard, meter.		Manholes	ACMH	MANHOLETYPE	
								Material Protection System	MATPROT	PROTECTIONTYPE	
						Buildings and Grounds	BG	Meters	MET	METERTYPE	
								Motor	MOTR	MOTORTYPE	
						To be applied for the overall site. Only to be utilised for multiuse structures and infrastructure		Motor Control Centre	MCC		
								Pipes Water	PIPE	PIPETYPE	
								Power Supply	PSUPP	ENERGYTYPE	
						Site Wide, Common Elements	SMEH	Programmable Logic Controller	PLC	PLCTYPE	
								Pump	PMP	PUMPTYPE	
						Only to be used for items of infrastructure that apply to the site at large as opposed to any individual structure or building and are maintained for site wide usage		Road / Parking Area	ROAD		
								Safety Equipment	SAFEQ	SAFETYEQUIPMENTTYPE	
								SCADA	SCDA		
								Security System	SECSY	SECURITYSYSTEMTYPE	
								Structure	STRU	STRUCTURETYPE	
								Substation	SUBS	SUBMETERTYPE	
								Switchboard	SWBRD		
								Telemetry	TELE	TELEMETRYTYPE	
								Transformer	TRANS	TRANSFORMERTYPE	
								Uninterruptible Power Supply	UPS		
								Valve	VAL	VALVETYPE	
								Walkway	WALK	WALKWAYTYPE	

*Refer to Appendix B to address level 5 Child assets of Level 5 Parent Assets

LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5	LEVEL 6		LEVEL 7	LEVEL 8
Network		Scheme Name		Facility/Sub-System Group		Parent Level Asset	Code	Parent Asset Number	Child Asset	Code	Sub Child Asset	Child or Sub Child Asset Number
Bulk Water	BW	1770	1770	Distribution/Reticulation System	NET_catchment	Network Nodes	NNODE	#	Fittings	FITT	FITTINGTYPE	
		Agnes Water	AW			*Nodes represent the beginning and end points of pipe segments. Each node may represent a valve, pipe junction,*			Hydrant	HYDN	HYDRANTTYPE	
		Benaraby	BEN						Instrument	INST	INSTRUMENTTYPE	
		Bororen	BOR	*In the case of more than one distribution network per scheme, the network subcatchment name is added to the description.*					Meters	MET	METERTYPE	
		Boyne Island	BI						Node	NODE	NODETYPE	
		Calliope	CAL			Pipe Segments	PIPSGM		Service Connection Pipe	SCONN	CONNECTIONTYPE	
		Curtis Island	CI			*Pipe segments commence and end with a node. All fittings, hydrants, valves, laterals become pipe children*			Structure	STRU	STRUCTURETYPE	
		Gladstone	GLA						Valve	VAL	VALVETYPE	
		Miriam Vale	MV			Pipe Structures	PIPSTRU					
		Mount Larcom	ML			*Reticulation Structures for the pipes are those structures required for the pipe connection function to be maintained. This only refers to pipe bridges, a system of supports,*						
		Tannum Sands	TS									
		Wurdong	WUR									
		Yarwun	YAR									

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement	SI Unit	Domain List Name
RESERVOIR -- RESV	A RESERVOIR IS A SPECFIC TYPE OF TANK STRUCTURE. THE RESERVOIR ASSET TYPE INCLUDES GROUND LEVEL RESERVOIRS AS WELL AS WATER TOWERS. ONLY USE THIS COMPLETE TAB WHERE THERE ARE NO LEVEL 4 OR 5 ASSETS TO BE MAINTAINED, OTHER WISE ONLY USE THE RED SHADED CELLS.	ASSET ID				
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		RESERVOIR INSTALLATION				INSTALLATION
		CAPACITY		kilolitres	kL	
		CONSTRUCTION TYPE				CONSTRUCTIONTYPE
		DIMENSION 1 (DIAMETER)		Metres	m	
		DIMENSION 2		Metres	m	
		FLOOR LEVEL (RL)		Metres	m	
		FLOOR MATERIAL				CONSTRUCTEDMATERIAL
		WALL MATERIAL				CONSTRUCTEDMATERIAL
		HEIGHT / DEPTH		Metres	m	
		NUMBER OF ACCESS POINTS		Number		
		PRIMARY ACCESS DIMENSION 1 (DIAMETER)		Metres	m	
		PRIMARY ACCESS DIMENSION 2		Metres	m	
		PRIMARY ACCESS LID MATERIAL				ACCESSLIDMATERIAL
		PRIMARY ACCESS TYPE				ACCESSTYPE
		ROOF ACCESS METHOD		Stairs / Ladder		ACCESSTYPE
		ROOF / COVER MATERIAL				CONSTRUCTEDMATERIAL
		TOP WATER LEVEL (RL)		Metres	m	
		SHAPE				SHAPE
		INLET TYPE				OUTLET/INLET/OVERFLOWTYPE
		INLET MATERIAL				PIPEMATERIAL
		INLET DIMENSION		millimetres	mm	
		INLET LEVEL (RL)		Metres	m	
		OUTLET TYPE				OUTLET/INLET/OVERFLOWTYPE
		OUTLET DIMENSION		millimetres	mm	
		OUTLET MATERIAL				PIPEMATERIAL
		OUTLET LEVEL (RL)		Metres	m	
		OVERFLOW TYPE				OUTLET/INLET/OVERFLOWTYPE
		OVERFLOW DIMENSION		millimetres	mm	
		OVERFLOW MATERIAL				PIPEMATERIAL
		OVERFLOW LEVEL (RL)		Metres	m	
		CATHODIC PROTECTED				NO/YES ASSET ID
		ACCESSIBILITY				ACCESSTYPE

WATER PUMP STATION -- WPS	THIS IS THE WATER PUMP STATION SUMMARY TAB.	ASSET ID	Conquest Generated	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		PROPERTY PARCEL/LOT		text		
		CAPACITY		ML/day	ML	
		NUMBER OF PUMPS		number	no.	
		SEPARATE DUTY/STANDBY PROVISION		Yes/No		
		DUTY POINT HEAD		Metres	m	
		DUTY POINT FLOW		Litres/sec	L/sec	
		FLOOR MATERIAL				CONSTRUCTEDMATERIAL
		WALL MATERIAL				CONSTRUCTEDMATERIAL
		ROOFMATERIAL				CONSTRUCTEDMATERIAL
		PRIMARY ACCESS TYPE				ACCESSTYPE
		INLET TYPE				OUTLET/INLET/OVERFLOWTYPE
		INLET MATERIAL				PIPEMATERIAL
		INLET DIMENSION		millimetres	mm	
		OUTLET TYPE				OUTLET/INLET/OVERFLOWTYPE
		OUTLET DIMENSION		millimetres	mm	
		OUTLET MATERIAL				PIPEMATERIAL
		FIRE ALARM		Yes/No		
		ACCESS ALARM		Yes/No		
		KEY SECURITY LEVEL		number	no.	

WASTEWATER PUMP STATION -- WWPS	THIS IS THE WASTEWATER PUMP STATION SUMMARY TAB.	ASSET ID	Conquest Generated	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		PROPERTY PARCEL/LOT		text		
		CAPACITY		ML/day	ML	
		NUMBER OF PUMPS		number	no.	
		SEPARATE DUTY/STANDBY PROVISION		Yes/No		INSTALLATION
		DUTY POINT HEAD		Metres	m	
		DUTY POINT FLOW		Litres/sec	L/sec	
		FLOOR MATERIAL				CONSTRUCTIONTYPE
		WALL MATERIAL				CONSTRUCTEDMATERIAL
		ROOFMATERIAL				CONSTRUCTEDMATERIAL
		PRIMARY ACCESS TYPE				ACCESSTYPE
		INLET TYPE				OUTLET/INLET/OVERFLOWTYPE
		INLET MATERIAL				PIPEMATERIAL
		INLET DIMENSION		millimetres	mm	
		INLET LEVEL (RL)		Metres	m	
		OUTLET TYPE				OUTLET/INLET/OVERFLOWTYPE
		OUTLET DIMENSION		millimetres	mm	
		OUTLET MATERIAL				ACCESSLIDMATERIAL
		OUTLET LEVEL (RL)		Metres	m	
		OVERFLOW TYPE				OUTLET/INLET/OVERFLOWTYPE
		OVERFLOW DIMENSION		millimetres	mm	
		OVERFLOW MATERIAL				PIPEMATERIAL
		OVERFLOW LEVEL (RL)		Metres	m	
		FIRE ALARM		Yes/No		
		ACCESS ALARM		Yes/No		ACCESSTYPE
		KEY SECURITY LEVEL		number	no.	CONSTRUCTEDMATERIAL

WATER TREATMENT PLANT -- WTP	THIS IS THE WATER TREATMENT PLANT SUMMARY TAB	ASSET ID	Conquest Generated	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		PROPERTY PARCEL/LOT		text		
		TREATMENT CAPACITY		ML/day	ML	
		PROCESS TYPE		text		
		DIMENSION 1 (DIAMETER)		Metres	m	
		DIMENSION 2		Metres	m	
		FLOOR MATERIAL				CONSTRUCTEDMATERIAL
		WALL MATERIAL				CONSTRUCTEDMATERIAL
		HEIGHT / DEPTH		Metres	m	
		TOP WATER LEVEL (RL)		Metres	m	
		SHAPE				SHAPE
		INLET TYPE				OUTLET/INLET/OVERFLOWTYPE
		INLET MATERIAL				PIPEMATERIAL
		INLET DIMENSION		millimetres	mm	
		INLET LEVEL (RL)		Metres	m	
		OUTLET TYPE				OUTLET/INLET/OVERFLOWTYPE
		OUTLET DIMENSION		millimetres	mm	
		OUTLET MATERIAL				PIPEMATERIAL
		OUTLET LEVEL (RL)		Metres	m	
		OVERFLOW TYPE				OUTLET/INLET/OVERFLOWTYPE
		OVERFLOW DIMENSION		millimetres	mm	
		OVERFLOW MATERIAL				PIPEMATERIAL
		OVERFLOW LEVEL (RL)		Metres	m	
		CATHODIC PROTECTED				NO/YES ASSET ID
		ACCESSIBILITY				ACCESSTYPE

WASTEWATER TREATMENT PLANT -- WWTP	THIS IS THE WASTEWATER TREATMENT PLANT SUMMARY TAB	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		PROPERTY PARCEL/LOT		text		
		RESERVOIR INSTALLATION				INSTALLATION
		CAPACITY		ML/day	ML	
		PROCESS TYPE		text		
		DIMENSION 1 (DIAMETER)		Metres	m	
		DIMENSION 2		Metres	m	
		FLOOR LEVEL (RL)		Metres	m	
		FLOOR MATERIAL				CONSTRUCTEDMATERIAL
		WALL MATERIAL				CONSTRUCTEDMATERIAL
		HEIGHT / DEPTH		Metres	m	
		ROOF / COVER MATERIAL				CONSTRUCTEDMATERIAL
		TOP WATER LEVEL (RL)		Metres	m	
		SHAPE				SHAPE
		INLET TYPE				OUTLET/INLET/OVERFLOWTYPE
		INLET MATERIAL				PIPEMATERIAL
		INLET DIMENSION		millimetres	mm	
		INLET LEVEL (RL)		Metres	m	
		OUTLET TYPE				OUTLET/INLET/OVERFLOWTYPE
		OUTLET DIMENSION		millimetres	mm	
		OUTLET MATERIAL				PIPEMATERIAL
		OUTLET LEVEL (RL)		Metres	m	
		OVERFLOW TYPE				OUTLET/INLET/OVERFLOWTYPE
		OVERFLOW DIMENSION		millimetres	mm	
		OVERFLOW MATERIAL				PIPEMATERIAL
		OVERFLOW LEVEL (RL)		Metres	m	
		CATHODIC PROTECTED				NO/YES ASSET ID
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
ACCESS LID -- ACLID	ACCESS LID IS FOR ENTRY TO INFRASTRUCTURE OTHER THAN SEWER or STORMWATER CHAMBER , E.G. THEREFOR FOR ACCESS TO TANKS, PITS,HOPPERS, MACHINERY, ETC.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		COVER RATING				ACCESSCOVERTYPE
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		number	no.	
		MATERIAL				ACCESSLIDMATERIAL
ACTUATOR -- ACTU	AN ACTUATOR IS A HYDRAULIC, PNEUMATIC OR ELECTRICAL DEVICE TO ALLOW FOR AUTOMATIC OPERATION OF THE ASSET TO WHICH IT IS ATTACHED (EITHER BY LOCAL SWITCHING OR REMOTE SWITCHING).	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		ACTUATOR TYPE				ACTUATORTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		number	no.	
		SERIAL NUMBER		number	no.	
		MOTOR CURRENT		Amps	A	
		MOTOR SIZE		Kilowatt	kW	
		MOTOR VOLTAGE		Volts	V	
		PHASE		Number	no.	MOTORPHASE
		TORQUE SETTINGS CLOSE		Kilo newton metres	kNm	
		TORQUE SETTINGS OPEN		Kilo newton metres	kNm	
		TIME TO CLOSE		Seconds	s	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
AERATOR -- AERA	AN AERATOR IS A MECHANICAL DEVICE THAT INTRODUCES AIR THROUGH AGITATION IN ORDER TO INCREASE DISSOLVED OXYGEN LEVELS. ONLY TO BE USED WHERE AN AERATOR IS MAINTAINED AS A SINGLE AND ENTIRE PIECE OF EQUIPMENT.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		AERATOR TYPE				AERATORTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		DISCHARGE FLOW (DUTY)		Cubic metres per hour	m^3/hr	
		MOTOR SIZE		Kilowatt	kW	
		MOTOR CURRENT		Amps	A	
		MOTOR VOLTAGE		Volts	V	
		MOTOR STARTER LOCATION		Text	chr	
		MOTOR STARTER CURRENT		Amps	A	
		PHASE		Number	no.	MOTORPHASE
ALTERNATOR -- ALT	AN ASSET IN THE GENSET UNIT RESPONSIBLE FOR GENERATING ELECTRIC CURRENT FOR USE IN RUNNING ELECTRIC APPLIANCES AND EQUIPMENT	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		ALTERNATOR MANUFACTURER		Text		
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	dd/mm/yyyy	
		PURCHASE COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				
		MODEL		Text	no.	
		SERIAL NUMBER		Text	no.	
		SUPPLIERS		Text		
		ALTERNATOR DESIGN				ALTERNATORTYPE
		BRUSHLESS				YES/NO
		ALTERNATOR DESIGN RPM		number	RPM	
		PRIME OUTPUT AT RATED RPM		Kilo Volt Amperes	kVA	
		AMMATURE CONNECTION		Kilo Volt Amperes	kVA	
		ALTERNATOR COOLING		text		
		POWER FACTOR				
		FREQUENCY		Hertz	Hz	
		AVAILABLE VOLTAGE FOR DESIGN FREQUENCY		Volts	V	
		AVAILABLE VOLTAGE FOR 3 PHASE OR SINGLE PHASE		Volts	V	
		TESTING FREQUENCY				TESTING
AUGER -- AUG	AN AUGER IS A HYDRAULIC, PNEUMATIC OR	ASSET ID	Conquest Generated	number	no.	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
	ELECTRICALLY ACTIVATED SET OF FLIGHTS, OR DRILLING DEVICE THAT USUALLY INCLUDES A ROTATING HELICAL SCREW BLADE, ACTING AS A SCREW CONVEYOR.	ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		AUGER TYPE				AUGERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		number	no.	
		SERIAL NUMBER		number	no.	
		MOTOR CURRENT		Amps	A	
		MOTOR SIZE		Kilowatt	kW	
		MOTOR VOLTAGE		Volts	V	
		PHASE		Number	no.	MOTORPHASE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
AUTO SAMPLER -- SAMP	THE AUTO SAMPLER PROVIDES THE MEANS TO INTRODUCE A SAMPLE AUTOMATICALLY INTO THE INLETS. MANUAL INSERTION OF THE SAMPLE IS POSSIBLE BUT IS NO LONGER COMMON. AUTOMATIC INSERTION PROVIDES BETTER REPRODUCIBILITY AND TIME OPTIMISATION.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		AUTO SAMPLER TYPE				SAMPLERTPYE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		CAPACITY		Litres	L	
		SAMPLE NUMBER RANGE		number	no.	
		MOTOR CURRENT		Amps	A	
		MOTOR SIZE		Kilowatt	kW	
		MOTOR VOLTAGE		Volts	V	
		PHASE		Number	no.	MOTORPHASE
AVIATION LIGHTING -- AVRLT	THIS FIELD IS FOR INCLUSION WHERE THE LIGHTING IS A MAINTENANCE MANAGED ITEM.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		LIGHT TYPE				LIGHTTYPE
		MAST HEIGHT		metre	m	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
BATTERY -- BATT	THIS IS AN ENERGY DEVICE INDEPENDENT OF RETICULATED POWER SUPPLY AND OFTEN ABLE TO BE MADE PORTABLE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		BATTERY TYPE				BATTERYTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		MAX CURRENT RATING		Amps	A	
		VOLTAGE		Volts	V	
BATTERY CHARGING UNIT -- CHAR	THIS IS DEVICE USED TO PUT ENERGY INTO A SECONDARY CELL OR RECHARGEABLE BATTERY BY FORCING AN ELECTRIC CURRENT THROUGH IT.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		CHARGER TYPE				BATTERYCHARGERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		TOTAL INSTALLED CURRENT		Amps	A	
		TOTAL INSTALLED POWER		Kilowatt	kW	
		PHASE		Number	no.	MOTORPHASE
		VOLTAGE		Volts	V	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
BELT PRESS -- BELT	THIS IS ONLY USED IF THE BELT PRESS MAINTENANCE IS MAINTAINED AS A SINGLE AND ENTIRE PIECE OF EQUIPMENT.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		BELT PRESS TYPE				PRESSTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		DUTY		number	no.	
		TOTAL INSTALLED CURRENT		Amps	A	
		TOTAL INSTALLED POWER		Kilowatt	kW	
		PHASE		Number	no.	MOTORPHASE
		VOLTAGE		Volts	V	
BEARINGS -- BEAR	THIS IS ONLY USED IF THE BELT PRESS MAINTENANCE IS MAINTAINED AS INDIVIDUAL COMPONENTS, A CHILD ASSET OF BELT PRESS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		BELT PRESS TYPE				PRESSTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		SHAFT DIAMETER		number	mm	
		BEARING RACE DIAMETER		number	mm	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
BLOWER -- BLO	A BLOWER IS A MACHINE WHICH CAN INCREASE OR DECREASE AIR/GAS AR AN INCREASED OR REDUCED PRESSURE (VACUUM). THE MECHANICAL INPUT TO THE BLOWER IS PROVIDED BY AN ELECTRIC OR COMBUSTION MOTOR. THIS IS ONLY USED IF THE BLOWER MAINTENANCE IS MAINTAINED AS A SINGLE AND ENTIRE PIECE OF EQUIPMENT.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		BLOWER TYPE				BLOWERTYPE
		CONTROL TYPE				CONTOLLERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET			
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		number	no.	
		SERIAL NUMBER		number	no.	
		NUMBER OF STAGES		number	no.	
		COOLING METHOD				COOLINGMETHOD
		INPUT PRESSURE		millimetres water column	mm	
		DISCHARGE PRESSURE		millimetres water column	mm	
		DISCHARGE FLOW (DUTY)		Cubic metres per hour	m^3/hr	
		MOTOR SIZE		Kilowatt	kW	
		MOTOR CURRENT		Amps	A	
		MOTOR VOLTAGE		Volts	V	
		MOTOR STARTER LOCATION		Text	chr	
		MOTOR STARTER CURRENT		Amps	A	
		PHASE				MOTORPHASE
		SPEED (DUTY)		revolutions per minute	rpm	
		DISCHARGE PIPEWORK DIAMETER		millimetre	mm	
		DISCHARGE PIPEWORK MATERIAL				PIPEMATERIAL
		DISCHARGE PIPEWORK LENGTH		metres	m	
		DISCHARGE PIPEWORK ISOLATING VALVE		Number	no.	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
BIN HOPPER -- BIN	A BIN OR HOPPER IS A STORAGE CONTAINER OR SYSTEM OF CONTAINERS USED TO STORE MATERIALS OFTEN DELIVERED THROUGH A CHUTE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		BIN HOPPER TYPE				BINHOPPERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		DEPTH		metres	m	
		NOMINAL DIAMETER		millimetres	mm	NOMDIAMETER
		MATERIAL TYPE				CONSTRUCTEDMATERIAL
		CAP TYPE				CAPTYPE
		MAX RATED LOAD		Kilograms	kg	
		ACCESSIBILITY				ACCESSTYPE
BORE -- BORE	A LONG CYLINDRICAL SHAFT USED TO ACCESS UNDERGROUND SOURCE WATER FOR TRANSPORTATION TO THE SURFACE. A BORE AND ITS RESPECTIVE PUMP SHALL BE CONSIDERED AS TWO (2) SEPARATE ASSETS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		BORE TYPE				BORETYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		TOTAL DEPTH OF BORE		metres	m	
		NOMINAL DIAMETER		millimetres	mm	NOMDIAMETER
		CASING TYPE				CASINGTYPE
		SIZE OF PERFORATIONS		millimetres	mm	
		PERFORATION DIAMETER				NOMDIAMETER
		PERFORATION LENGTH		metres	m	
		PERFORATION MATERIAL				PIPEMATERIAL
		SURROUND TYPE				SURROUNDTYPE
		CAP TYPE				CAPTYPE
		CASING GROUTING				GROUTINGTYPE
		SWL (STANDING WATER LEVEL)		metres reduced level	m	
		MAX PUMP INTAKE LEVEL		metres	m	
		MAX RATED BORE		Litres per second	L/s	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
BUILDING -- BLD	A BUILDING INCLUDES FLOOR, WALLS AND ROOF, TOGETHER WITH ALL DOORS, WINDOWS, ATTACHED LIGHTING AND PLUMBING SERVICES (E.G. TOILETS, SHOWERS). INTERNAL CIVIL, MECHANICAL AND ELECTRICAL WORKS ASSOCIATED WITH HOUSED PROCESSES ARE RECOGNISED SEPARATELY.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		FUNCTION				BUILDFUNCT
		ASBESTOS PRESENT				YES/NO
		ASBESTOS REGISTER NUMBER		number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan		no.	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		DESIGN WIND RATING CATEGORY		WIND Class	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)				MAINTENANCEKEY
		GPS LOCATION		UTM coords	no	
		BUILDING DIMENSION 1		Metres	m	
		BUILDING DIMENSION 2		Metres	m	
		AREA		Metres squared	m^2	
		EXTERNAL CLADDING MATERIAL				CONSTRUCTEDMATERIAL
		ROOF CONSTRUCTION				CONSTRUCTEDMATERIAL
		WALL CONSTRUCTION				CONSTRUCTEDMATERIAL
		FLOOR CONSTRUCTION				CONSTRUCTEDMATERIAL
		DOOR CONSTRUCTION				CONSTRUCTEDMATERIAL
		WINDOW CONSTRUCTION				CONSTRUCTEDMATERIAL
		ROOF CONSTRUCTION				CONSTRUCTEDMATERIAL
		INTERNAL HEIGHT		Metres	m	
		RL GROUND LEVEL		Metres	m	
		RL FLOOR LEVEL		Metres	m	
		FIRE ALARM SYSTEM				NO / or List Asset ID for System
		SECURITY SYSTEM				NO / or List Asset ID for System
		LIGHTING TYPE				LIGHTTYPE
		FIXTURES				FIXTURESTYPE
CABLE -- CAB	ALL CABLES AND WIRES FOR POWER SUPPLY, POWER DISTRIBUTION, INSTRUMENT SIGNALS AND COMMUNICATIONS. IF NOT RECOGNISED SEPARATELY, CABLES INCLUDE TERMINATION FIELD OUTLET POINTS, JUNCTION BOXES AND CABLE DRAW PITS, DUCTS, CABLE TRAYS ETC. GENERALLY, SEPARATE ASSETS FOR ALL POWER CABLES AND ALL COMMUNICATIONS / INSTRUMENTATION CABLES FOR EACH SITE ARE IDENTIFIED, AND ANCILLARIES E.G. DUCTS CABLE TRAYS, DRAW PITS ARE CONSIDERED EQUALLY SPLIT BETWEEN THE ASSETS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		CABLE TYPE				CABLEUSE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)				MAINTENANCEKEY
		GPS LOCATION		UTM coords	no	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		LENGTH		m		
		ARMOURED				YES/NO
		CORE MATERIAL				CABLECOREMATERIAL
		NO. OF CORES		Number	no.	
		SHEATH MATERIAL				CABLESEATHMATERIAL
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
CATHODIC PROTECTION -- CATHP	CATHODIC PROTECTION IS USED TO CONTROL THE CORROSION OF A METAL SURFACE BY MAKING IT THE CATHODE OF AN ELECTROCHEMICAL CELL. A METHOD OF PROTECTION CONNECTS PROTECTED METAL TO A MORE EASILY CORRODED SACRIFICIAL METAL TO ACT AS THE ANODE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		SYSTEM ELEMENT TYPE				CATHODICTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		NORMAL OPERATION RANGE	NA or the current.voltage range	number	no.	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		OWNER/CUSTODIAN		Text	chr	
		CERTIFICATION EXPIRY DATE		date	date	
		LAST INSPECTED		date	date	
CENTRIFUGE -- CENT	CENTRIFUGE IS A MECHANICAL DEVICE THAT USES CENTRIFUGAL FORCES TO SEPARATE LIQUIDS FROM SOLIDS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		TYPE				CENTIFUGETYPE
		DATE OF MANUFACTURE		date	date	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position			
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		MOTOR SIZE		Kilowatt KW		
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
CHEMICAL FEED SYSTEM -- FEED	CHEMICAL FEED SYSTEMS ARE A PACKAGE UNIT INCLUDING THE TRANSFER PUMPS, METERING AND VOLUME SENSING SYSTEMS THAT DELIVER A CHEMICAL AT A REQUIRED RATE INTO A PROCESS FLOW.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		SYSTEM ELEMENT TYPE				FEEDERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		NORMAL OPERATION RANGE		number	no.	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE
CHAIN AND FLIGHT SYSTEM -- CHAIN	CHAIN AND FLIGHT (SCRAPER) SYSTEMS ARE GENERALLY USED IN SLUDGE AND SCUM REMOVAL SYSTEMS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		SYSTEM ELEMENT TYPE				CHAINFLIGHTTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		NORMAL OPERATION RANGE	NA or the current voltage range	number	no.	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
COMPRESSOR -- COMP	AN AIR COMPRESSOR IS A DEVICE THAT CONVERTS POWER (USUALLY FROM AN ELECTRIC MOTOR OR ENGINE) INTO KINETIC ENERGY BY COMPRESSING AND PRESSURISING AIR. COMPRESSORS TYPICALLY HAVE A HIGH DISCHARGE PRESSURE THAT DELIVERS PRESSURISED GAS TO A RECEIVING VESSEL FOR STORAGE. NOTE SIMILARITY AND DIFFERENTIATION BETWEEN A COMPRESSOR, A BLOWER AND A FAN. AIR CONDITIONING COMPRESSORS ARE RECOGNISED AS AN AIR CONDITIONING ASSET.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		COMPRESSOR TYPE				COMPRESSORTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION	Adopt 1-5 in terms of remaining life class	number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET			
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		OUTPUT CONTROL				CONTOLLERTYPE
		COMPRESSOR STAGES		number	no.	
		COOLING METHOD				COOLINGMETHOD
		INPUT PRESSURE		millimetres water column	mm	
		DISCHARGE FLOW (DUTY)		Cubic metres per hour	m^3/hr	
		MOTOR CURRENT		Amps	A	
		MOTOR SIZE		Kilowatt	kW	
		MOTOR VOLTAGE		Volts	V	
		PHASE		Number	no.	MOTORPHASE
		COMPRESSOR SHAFT SPEED			RPM	
		CERTIFICATION EXPIRY DATE		date	date	
		CERTIFIER		Text	chr	
		FUEL STORAGE TANK CAPACITY		litres	L	
		AIR HOSE DIAMETER		millimetres	mm	
		AIR HOSE LENGTH		metres	m	
COMPACTOR -- CMPA	A COMPACTOR IS A MACHINE OR MECHANISM USED TO REDUCE THE SIZE OF WASTE MATERIAL THROUGH COMPACTION.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION	Adopt 1-5 in terms of remaining life class	number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET			
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
CONTROLLER -- CONT	A CONTROLLER IS A CHIP, AN EXPANSION CARD, OR A STAND-ALONE DEVICE THAT INTERFACES WITH A PERIPHERAL DEVICE. THIS MAY BE A LINK BETWEEN TWO PARTS OF A COMPUTER (FOR EXAMPLE A MEMORY CONTROLLER THAT MANAGES ACCESS TO MEMORY FOR THE COMPUTER) OR A CONTROLLER ON AN EXTERNAL DEVICE THAT MANAGES THE OPERATION OF (AND CONNECTION WITH) THAT DEVICE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		CONTROLLER TYPE				CONTOLLERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION	Adopt 1-5 in terms of remaining life class	number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET			
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		I / O TO / FROM		Text	chr	
		POWER RATING		number	no.	
		EXPOSURE CLASS				EXPOSURECLASS
CONVEYOR -- CONY	A CONVEYOR CONSISTS OF TWO OR MORE PULLEYS, MOTORS AND A SINGLE CONTINUOUS BELT THAT IS ROTATED IN A CONTINUOUS LOOP USED TO TRANSPORT MATERIAL ABOUT A SITE. THIS PARENT LEVEL ASSET SHOULD ONLY BE USED WHERE THE CONVEYOR IS TO BE MAINTAINED AND REPLACED AS A SINGLE UNIT.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		CONVEYOR TYPE				CONVEYORTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION	Adopt 1-5 in terms of remaining life class	number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET			
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		POWER RATING			no.	
		PULLEYS SETS			no.	
		BELT LENGTH		Metres	m	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
CRANE -- CRNE	THIS ASSET TYPE REFERS TO A FIXED LIFTING DEVICE. THESE INCLUDE GANTRIES, DAVITS, AND MONORAILS. THIS DOES NOT INCLUDE PORTABLE VEHICLE DEVICES.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		CRANE TYPE				CRANETYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION	Adopt 1-5 in terms of remaining life class	number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		SAFE WORKING LOAD		Kilograms	kg	
		LIFTING HEIGHT ABOVE GROUND RL				
		TRAVEL MECHANISM		Text	chr	
		CERTIFICATION NUMBER		number	no.	
		CERTIFICATION EXPIRY DATE		date	date	
		CERTIFIER		Text	chr	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
DRYER -- DRYR	A DRYER IS A DEVICE WHICH DRAWS IN AIR, COOLS IT AND THEN REHEATS IT SO THAT THE AIR EXPELLED HAS LESS MOISTURE/HUMIDITY. A DRYER IS TYPICALLY USED WITH AN AIR COMPRESSOR TO REMOVE MOISTURE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		DRYER TYPE				DRYERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION	Adopt 1-5 in terms of remaining life class	number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		DESIGN CAPACITY		CUBIC METRES/HOUR	m3/hr	
		POWER RATINGS		Kilowatt	kw	
		CERTIFICATION NUMBER		number	no.	
		CERTIFICATION EXPIRY DATE		date	date	
		CERTIFIER		Text	chr	
ELECTRONIC DATA CAPTURE -- EDC	EDC IS A COMPUTERISED SYSTEM DESIGNED FOR THE COLLECTION OF OPERATIONAL DATA IN AN ELECTRONIC FORMAT FOR TRANSFER TO DATA ARCHIVAL SYSTEMS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION	Adopt 1-5 in terms of remaining life class	number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		COMMUNICATIONS				COMMSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
ENGINE -- ENG	AN ASSET COMPRISING A PRIMARY DRIVE SOURCE (E.G. A DIESEL ENGINE) AND AN ALTERNATOR TO GENERATE ELECTRICAL POWER. WHERE THE UNIT IS NOT OPERATED AND MAINTAINED AS A SINGLE ITEM OF EQUIPMENT, RATHER IS REPRESENTATIVE OF AN ASSET SYSTEM, THEN TREAT AS A PARENT ASSET AND CREATE RELEVANT CHILDREN ASSETS UNDER THIS PARENT FUNCTION.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		ENGINE MANUFACTURER				
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	dd/mm/yyyy	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		ENGINE MANUFACTURER		Text		
		MODEL		Text		
		SERIAL NUMBER		number	no.	
		SUPPLIERS		Text		
		ENGINE DESIGN				ENGINETYPE
		DISPLACEMENT		number	L	
		POWER RATING AT RATED SPEED		Kilo Volt Amperes	kVA	
		ENGINE RPM		number	RPM	
		CONFIGURATION		text		
		DIMMENSIONS (L x W x H)		number	mm	
		TARE WEIGHT		number	kgs	
		NUMBER OF CYLINDERS				CYLINDER
		COOLING SYSTEM				COOLINGSYSTEM
		FUEL SYSTEM				FUELSYSTEM
		FUEL TYPE				FUELTYPE
		FUEL TANK CAPACITY		number	L	
		FUEL CONSUMPTION		rate	L/Hr	
		OPERATING TIME PER FULL TANK		number	HRS	
		NOISE PROTECTION		decibel	dB(A)	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
EMERGENCY STORAGE -- EMS	EMERGENCY STORAGE IS AN ASSET USED TO CAPTURE OVERFLOW. THIS CAN INCLUDE CONCRETE STRUCTURES, SPECIFICALLY FOR USE IN ADDITIONAL STORAGE FOR OVERFLOW.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		EMS TYPE				EMSTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION	Adopt 1-5 in terms of remaining life class	number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		SHAPE				SHAPE
		FLOOR MATERIAL				CONSTRUCTEDMATERIAL
		WALL MATERIAL				CONSTRUCTEDMATERIAL
		INTERNAL WALL PROTECTION				PROTECTIONTYPE
		COVER MATERIAL				CONSTRUCTEDMATERIAL
		NO. OF INLET PIPES		Number	no.	
		NO. OF OUTLET PIPES		Number	no.	
		LID DIMENSION 1 (DIAMETER)		Metres	m	
		LID DIMENSION 2		Metres	m	
		ACCESS LID MATERIAL				ACCESSLIDMATERIAL
		RL ACCESS LID		Metres	m	
		RL CENTRE FLOOR		Metres	m	
		DEPTH		Metres	m	
		BENCHING WIDTH		millimetres	mm	
		INTERNAL ACCESS				YES/NO
		BACKDROP MANHOLE				MANHOLEDROPTYPE
		- IL BACKDROP1		Metres	m	
		- IL BACKDROP2		Metres	m	
		- IL BACKDROP3		Metres	m	
		CONFINED SPACE				YES/NO
		SOIL TYPE				SOILTYPE
		TERRAIN SLOPE		number	no.	
		HEIGHT DATUM		Text	chr	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
FAN -- FAN	A FAN IS A POWERED DEVICE USED TO CREATE FLOW WITHIN A GAS, USUALLY AIR (FANS DIFFER FROM BLOWERS AND COMPRESSORS IN THAT THE DIFFERENCE BETWEEN SUCTION AND DELIVERY PRESSURE IS NORMALLY VERY LOW).	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		FAN TYPE				FANTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION	Adopt 1-5 in terms of remaining life class	number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ACCESSIBILITY				ACCESSTYPE
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		DISCHARGE FLOW (DUTY)		Cubic metres per hour	m^3/hr	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		MOTOR CURRENT		Amps	A	
		MOTOR SIZE		Kilowatt	kW	
		MOTOR VOLTAGE		Volts	V	
		PHASE		Number	no.	MOTORPHASE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
FENCE -- FENC	THE FENCE ASSET INCLUDES GATES (AND AUTOMATION EQUIPMENT IF AUTOMATED) AND LOCKS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		FENCE TYPE				FENCETYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA / Asset ID where item firmly affixed to ASSET	number	no.	
		FENCE MATERIAL				CONSTRUCTEDMATERIAL
		FENCE COATING				CONSTRUCTEDMATERIAL
		POST SIZE		millimetres	mm	
		POST DISTANCE		Metres	m	
		FENCE LENGTH		Metres	m	
		FENCE HEIGHT		Metres	m	
		GATE HEIGHT		Metres	m	
		GATE WIDTH		Metres	m	
		GATE MATERIAL				CONSTRUCTEDMATERIAL
		GATE COATING				PROTECTIONTYPE
		AUTOMATIC OPENER TYPE				ACTUATORTYPE
		GATE POST SIZE		Metres	m	
		EARTHED ELECTRICALLY				YES/NO
		LIGHTING				LIGHTTYPE
		GATE KEY LEVEL				KEYLEVEL
		GATE INTERCOMMUNICATIONS TYPE				COMMSTYPE
FILTER -- FILT	A FILTER IS USED FOR THE SEPARATION OF SOLIDS FROM FLUIDS (LIQUIDS OR GASES) BY INTERPOSING A MEDIUM THROUGH WHICH ONLY THE FLUID CAN PASS. OVERSIZE SOLIDS IN THE FLUID ARE RETAINED, BUT THE SEPARATION IS NOT COMPLETE; SOLIDS WILL BE CONTAMINATED WITH SOME FLUID AND FILTRATE WILL CONTAIN FINE PARTICLES (DEPENDING ON THE PORE SIZE AND FILTER THICKNESS).	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		FILTER TYPE				FILTERTYPE
		MEMBRANE/MEDIA TYPE				MEDIATYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		MEDIA LAST RECHARGED		date	date	
		CAPACITY		Cubic metres per hour	m^3/hr	
		FILTER DIMENSION 1		metre	m	
		FILTER DIMENSION 2		metre	m	
		FILTER DIMENSION 3		metre	m	
		INLET PIPE DIAMETER		millimetres	mm	
		OUTLET PIPE DIAMETER		millimetres	mm	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
FIRE FIGHTING EQUIPMENT -- FIREQ	THIS IS THE DEDICATED ONSITE FIRE FIGHTING EQUIPMENT USED TO PUT OUT FIRES.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		FIRE EQUIPMENT TYPE				FIRETYPE
		FIRE EQUIPMENT CLASS		number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET, CARE REQUIRED TO ENSURE THE TAG IS TO THE MOST RELEVANT BUILDING or FACILITY ASSET LEVEL			
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		FIRE SERVICES BLOCK PLAN				YES/NO
		FIRE SERVICES INTERFACE MATRIX				YES/NO
		FIRE SERVICES TEST RECORD				YES/NO
		CERTIFICATE OF OCCUPANCY				YES/NO
		FIRE BRIGADE BOOSTER ASSEMBLY LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		FIRE PUMP LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		NUMBER OF FIRE PUMPS		Number	no.	
		SELF CONTAINED BREATHING APPARATUS HOOKER SYSTEM				ENERGYTYPE
		FIRE PUMP DUTY		L/s @ m head	L/s @ m	
		FIRE PUMP/S LAST TEST DATE		date	date	
		EQUIPMENT CERTIFICATION EXPIRY DATE		date	date	
		EQUIPMENT CERTIFIER		Text	chr	
		EQUIPMENT HAZARD RATING		Text	chr	
		EQUIPMENT LAST TEST DATE		date	date	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
ACTIVE FIRE ALARM SYSTEM -- FALRM	THIS IS A DISCRETE ASSET TYPE THAT INCLUDES THE FIRE CONTROL PANEL, SMOKE DETECTORS, HEAT DETECTORS, ALARMS ETC.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		FIRE ALARM TYPE				FIREALARMTYPE
		REPORTS TO		Text	chr	
		BACKUP ENERGY SOURCE				YES/NO
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET, CARE REQUIRED TO ENSURE THE TAG IS TO THE MOST RELEVANT BUILDING or FACILITY ASSET LEVEL			
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		NUMBER		number	no.	
		ELEMENT TEST DATE		date	date	
		ELEMENT TEST ORGANISATION		Text	chr	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
FITTINGS -- FITT	THIS IS A DISCRETE ASSET TYPE THAT IS ONLY USED FOR THE WATER AND SEWERAGE NETWORKS. IT IS USED ONLY WHERE THE FITTING IS TO BE MAINTAINED. OTHERWISE IT IS A TYPE ATTRIBUTE OF A NODE AND THEREFORE DOES NOT REQUIRE A FURTHER ASSET ID.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		PIPE SEGMENT NUMBER	Asset ID	number	no.	
		FITTING TYPE				FITTINGTYPE
		NODE NUMBER	Asset ID	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
FUEL STORAGE SYSTEM -- FULST	THIS IS A DISCRETE ASSET TYPE THAT ENABLES THE STORAGE AND CONTROL OF FLAMMABLE FLUIDS OR GASES. THIS INCLUDES THE PRESSURE VESSELS, THE MONITORING AND MEASURING EQUIPMENT.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		STORAGE TYPE				TANKTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET, CARE REQUIRED TO ENSURE THE TAG IS TO THE MOST RELEVANT BUILDING or FACILITY ASSET LEVEL			
		ACCESSIBILITY				ACCESSTYPE
		NUMBER		number	no.	
		STORAGE SYSTEMS TEST DATE		date	date	
		ALARM SYSTEM REPORTING				YES/NO
		TEST ORGANISATION		Text	chr	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
GEAR BOX -- GBOX	A GEAR BOX IS AN ASSET THAT USES GEARS AND GEAR TRAINS TO PROVIDE SPEED AND TORQUE CONVERSIONS FROM A ROTATING POWER SOURCE TO ANOTHER DEVICE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESS TYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		GEAR RATIO		number	no.	
		COUPLE METHOD				COUPLEMETHOD
		MATERIAL				CONSTRUCTEDMATERIAL
		PROTECTION				PROTECTIONTYPE
		MOUNTINGS				MOUNTINGSTYLE
		INPUT RPM		Revolutions per minute	rpm	
		OUTPUT RPM		Revolutions per minute	rpm	
GENERATOR SET -- GSET	AN ASSET COMPRISING A PRIMARY DRIVE SOURCE (E.G. A DIESEL ENGINE) AND AN ALTERNATOR TO GENERATE ELECTRICAL POWER. WHERE THE UNIT IS NOT OPERATED AND MAINTAINED AS A SINGLE ITEM OF EQUIPMENT, RATHER IS REPRESENTATIVE OF AN ASSET SYSTEM, THEN TREAT AS A PARENT ASSET AND CREATE RELEVANT CHILDREN ASSETS UNDER THIS PARENT FUNCTION.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		GENERATOR TYPE				GENERATORTYPE
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		ENGINE SIZE		Kilowatt	kW	
		KVA RATING		Kilo Volt Amperes	kVA	
		LOAD BANK INSTALLED				YES/NO
		FUEL TYPE				FUELTYPE
		FUEL TANK CAPACITY		Litres	L	
		OPERATING TIME PER FULL TANK		hours	hr	
		TESTING FREQUENCY		Text	chr	
		dB RATING		number	no.	
		NOISE PROTECTION				YES/NO

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
GRAVITY SEWERS -- GSEW	THIS ASSET TYPE IS ONLY TO BE USED FOR WASTEWATER SEWERS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	Sewer Segment Number	number	no.	
		NETWORK SUB-CATCHMENT	Relevant Sewer Network Sub-Catchment Tag	number/text	no.	
		SEWER TYPE				SEWERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		~~GPS LOCATION~~	~~GPS and GIS Spatial Position ,~~	~~UTM coords~~	~~no~~	
		NOMINAL DIAMETER		millimetres	mm	NOMDIAMETER
		PIPE MATERIAL				PIPEMATERIAL
		PIPE LINING				CONSTRUCTEDMATETRIAL
		PIPE CLASS				PIPEPRESSURECLASS
		PIPE JOINT METHOD				PIPEJOINTTYPE
		PIPE LENGTH		metres	m	
		SUBSTANCE CONTAINED				INTERNALMEDIA
		UPSTREAM MANHOLE ASSET ID		number	no.	
		DOWNSTREAM MANHOLE ASSET ID		number	no.	
		RL SURFACE UPSTREAM		metres	m	
		RL SURFACE DOWN STREAM		metres	m	
		IL PIPE UPSTREAM		metres	m	
		IL PIPE DOWNSTREAM		metres	m	
		SOIL TYPE				SOILTYPE
		HEIGHT DATUM				DATUM
		PIPE PROTECTION /WRAPPING TYPE				PROTECTIONTYPE
		BEDDING TYPE/ SUPPORT TYPE				BEDDINGSUPPORTTYPE
		GRADE		percent in 100 metres	%	
		CATHODIC PROTECTION				YES/NO
		ENVELOPER AND TYPE				ENVELOPERTYPE
		CCTV RECORD	If Yes provide Reference Record Number			YES/NO
		DATE OF CCTV		date	date	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
GRINDER -- GRND	GRINDER/ MACERATOR IS AN ALL-PURPOSE GRINDING MACHINE CAPABLE OF BREAKING DOWN RAGS, CELLULAR MATERIAL AND GRINDABLE SOLIDS FOUND WITHIN A FLUID FLOW.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		MOUNTING TYPE				MOUNTINGTYPE
		INSTALLATION				INSTALLATIONTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		CAPACITY		litres per second	l/s	
		SCREW DIAMETER		millimetres	mm	
		BRIDGE				YES/NO
		AGITATOR				YES/NO
		MOTOR CURRENT		Amps	A	
		MOTOR SIZE		Kilowatt	kW	
		PULLEYS AND DRIVE BELTS				YES/NO
		SIEVE		millimetres	mm	
		COVER				CONSTRUCTEDMATERIAL

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
GRIT REMOVAL -- GITR	GRIT REMOVAL IS AN ASSET THAT IS PART OF SEWERAGE PRE-TREATMENT, WHERE THE VELOCITY OF THE INCOMING SEWAGE IS ADJUSTED TO ALLOW THE SETTLEMENT OF SAND, GRIT, STONES, AND BROKEN GLASS. THESE PARTICLES ARE REMOVED BECAUSE THEY MAY DAMAGE PUMPS AND OTHER EQUIPMENT. GRIT CHAMBERS COME IN 3 TYPES: HORIZONTAL GRIT CHAMBERS, AERATED GRIT CHAMBERS AND VORTEX GRIT CHAMBERS. IF NOT OPERATED, MAINTAINED AND REPLACED AS A SINGLE ASSET, TREAT AS PARENT AND CREATE RELEVANT CHILDREN ASSETS UNDER THIS PARENT..	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		CHAMBER TYPE				GRITCHAMBERTYPE
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		CAPACITY		litres per second	l/s	
		SCREW DIAMETER		millimetres	mm	
		BRIDGE				NO/ if yes list Asset ID Number
		AGITATOR				NO/ if yes list Asset ID Number
		MOTOR CURRENT		Amos	A	
		MOTOR SIZE		Kilowatt	kW	
		GRIT PADDLE				YES/NO
		GRIT PADDLE MOTOR				NO/ if yes list Asset ID Number
		GRIT PADDLE GEARBOX				NO/ if yes list Asset ID Number
		PULLEYS AND DRIVE BELTS				YES/NO
		GRIT PUMP				NO/ if yes list Asset ID Number
		FEED PIPE TO GRIT PUMP		millimetres	mm	
		SUMP PUMP				NO/ if yes list Asset ID Number
		GRIT CONVEYOR				NO/ if yes list Asset ID Number
		SIEVE		millimetres	mm	
		COVER				CONSTRUCTEDMATERIAL
GUIDE RAIL -- GRAIL	PUMP GUIDE RAIL IS RECOGNISED AS A SEPARATE ASSET.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		date	date	
		CONSTRUCTION COST		year	no.	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		$	$	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		GUIDE RAIL MATERIAL				CONSTRUCTEDMATERIAL
		GUIDE RAIL SIZE (DIAMETER)		millimetres	mm	
		GUIDE RAIL SHAPE				SHAPE
		GUIDE RAIL LENGTH		Metres	m	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
HYDRANT -- HYDN	A WATER HYDRANT IS A SPECIAL TYPE OF CONTROLLABLE FITTING PLACED ON TRUNK AND RETICULATION MAINS FOR PROVIDING WATER FOR EMERGENCY USE. THERE ARE TWO SUBTYPES AVAILABLE – HYDRANT (SPRING) AND OFFTAKE. THE ASSET BY DEFINITION INCLUDES ITS COVER BOX.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		TYPE				HYDRANTTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED PIPE ASSET		number	no.	
		ASSOCIATED SERVICE CONNECTIONPIPE ASSET	Only complete where hydrant is on a service connection main	number	no.	
		ACCESSIBILITY				ACCESSTYPE
		DIAMETER		millimetre	mm	NOMDIAMETER
		NUMBER OF HEADS		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		DATE OF PRESSURE TEST		date	date	
		PRESSURE TEST ORGANISATION		Text	chr	
		DATE OF LAST MAINTENANCE	This should be an autofill from CMMS system. Is that possible.			
HUMAN INTERFACE TERMINAL -- HITS	A HUMAN (OR OPERATOR) INTERFACE TERMINAL IS A TERMINAL AND CONTROL SYSTEM INTERFACE DEVICE PLACED AT THE EQUIPMENT BEING OPERATED.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		TYPE				CONTROLPANELFUNCTION
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MODEL		number	no.	
		SERIAL NUMBER		number	no.	
		DATE OF LAST MAINTENANCE	This should be an autofill from CMMS system. Is that possible.			

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
HEATING VENTILATION AND AIR-CONDITIONING -- HVAC	THE THREE CENTRAL FUNCTIONS OF HEATING, VENTILATING, AND AIR-CONDITIONING ARE INTERRELATED, ESPECIALLY WITH THE NEED TO PROVIDE THERMAL COMFORT AND ACCEPTABLE INDOOR AIR QUALITY WITHIN REASONABLE INSTALLATION, OPERATION, AND MAINTENANCE COSTS. HVAC SYSTEMS CAN PROVIDE VENTILATION, REDUCE AIR INFILTRATION, AND MAINTAIN PRESSURE RELATIONSHIPS BETWEEN SPACES.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		HVAC TYPE				HVACTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		CAPACITY		BTU.	no.	
		DATE OF LAST MAINTENANCE	This should be an autofill from CMMS system. Is that possible.			
INJECTOR -- INJET	AN INJECTOR IS A TYPE OF PUMP THAT FORCIBLY INTRODUCES A FLUID OR GAS INTO THE FLOW STREAM OR PROCESS IN A CONTROLLED MANNER.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		INJECTOR TYPE				INJECTORTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED PIPE ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		DIAMETER		millimetre	mm	NOMDIAMETER
		NUMBER OF HEADS		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		SUBSTANCE INJECTED				INTERNALMEDIA
		OPERATION RANGE		kPa		
		DOSING RATE		L/s		
		DATE OF LAST MAINTENANCE	This should be an autofill from CMMS system. Is that possible.			

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
INSTRUMENT -- INST	INSTRUMENTS INCLUDE DEPTH GAUGES, FLOW METERS, LEVEL GAUGES, LEVEL MONITORING, PH ANALYSERS, SENSORS, TRANSMITTERS, ETC.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		INSTRUMENT TYPE				INSTRUMENTTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		RANGE		number	no.	
		MEASUREMENT				MEASUREMENTTYPE
		INSTRUMENT METHOD				MEASUREMENTMETHOD
		OUTPUT TYPE (ANOLOG / DIGITAL)		Text	chr	
		I / O LINK		Text	chr	
		MATERIAL MEASURED				INTERNALMEDIA
		VOLTAGE		Volts	V	
LADDERS -- LADD	PURPOSE BUILT AND MAINTAINED LADDERS, WALKWAYS OR PLATFORMS THAT ARE MAINTAINED SEPARATE TO AN ASSOCIATED ASSET.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		LADDER TYPE				LADDERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		LADDER MATERIAL				CONSTRUCTEDMATERIAL
		LOAD LIMITS		kilograms	kg	
		OWNER/CUSTODIAN		Text	chr	
		CERTIFICATION EXPIRY DATE		date	date	
		LAST INSPECTED		date	date	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
LANDSCAPING -- LANS	A SOFT ASSET USED TO DEFINE LANDSCAPING FEATURES SUCH AS GARDENS AND LAWNS THAT INCUR A COST TO CONSTRUCT AND MAINTAIN.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		LANDSCAPE TYPE				LANDSCAPETYPE
		REFERENCE DRAWING	Plan that shows either GA of the land parcel and its RPL number and/or is specific detail plan of the bed elements.			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		IRRIGATION SYSTEM				IRRIGATIONTYPE
		LANDSCAPE LENGTH		Metres	m	
		LANDSCAPE WIDTH		Metres	m	
LIGHTING SYSTEMS -- LIGT	THE ELECTRICAL LIGHTING USED TO ILLUMINATE AN ASSET OT ITS SURROUNDS. LIGHTING COULD BE INTERNAL OR EXTERNAL.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		LIGHTING TYPE				LIGHTTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		number	no.	
		SERIAL NUMBER		number	no.	
		RANGE		number	no.	
		WATTAGE /LUMENS		number	no.	
		VOLTAGE		Volts	V	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
LIME SLAKER -- SLAK	LIME SLAKERS CONVERT CALCIUM OXIDE INTO CALCIUM HYDROXIDE SLURRY FOR THE INTRODUCTION INTO PLANT PROCESS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
LINER SYSTEMS -- LNR	LINER SYSTEMS USED FOR WATER STORAGE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		LINER TYPE				LINERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		SHAPE				SHAPE
		MAJOR DIMENSION		Metre	m	
		MINOR DIMENSION		Metre	m	
		THICKNESS		millimetres	mm	
LIGHTNING PROTECTION SYSTEMS -- LTRPROT	A LIGHTNING PROTECTION SYSTEM IS DESIGNED TO PROTECT A STRUCTURE FROM DAMAGE DUE TO LIGHTNING STRIKES BY INTERCEPTING SUCH STRIKES AND SAFELY PASSING THEIR EXTREMELY HIGH CURRENTS TO GROUND. A LIGHTNING PROTECTION SYSTEM INCLUDES A NETWORK OF AIR TERMINALS, BONDING CONDUCTORS, AND GROUND ELECTRODES DESIGNED TO PROVIDE A LOW IMPEDANCE PATH TO GROUND FOR POTENTIAL STRIKES.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
Load Bank -- LBNK	AN ASSET IN THE GENSET UNIT, USED TO DEVELOP ELECTRICAL LOAD, APPLIED THE LOAD TO AN ELECTRICAL POWER SOURCE AND CONVERTS OR DISSIPATES THE RESULTANT POWER OUTPUT OF THE SOURCE	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		LOAD BANK MANUFACTURER		Text		
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	dd/mm/yyyy	
		PURCHASE COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		ACCESSIBILITY				
		MODEL		Text	no.	
		SERIAL NUMBER		Text	no.	
		SUPPLIERS		Text		
		LOAD BANK DESIGN				LOADBANKDESIGNS
		LOAD STEPS RESOLUTION		TexT		
		CAPACITY		Kilowatt	kW	
		VOLTAGE		Voltage	V	
		FREQUENCY		Hertz	Hz	
		DUTY CYCLE		text		
		AMBIENT TEMPERATURE		number	degree	
		AIR INTAKE TEMPERATURE		number	degree	
		RATING		Kilowatt	kW	
		TOLERANCE		percent	%	
		LOAD CONNECTIONS		text		
		LOAD STEPS RESOLUTION		Voltage	V	
		CONTROL PANEL		volts alternating current	VAC/Hz	
		POWER CONTROL		volts alternating current	VAC/Hz	
		COOLING SYSTEM				COOLINGSYSTEM
		DIMENSIONS (W x L x H)		number	mm	
		UNIT WEIGHT		number	kg	
		TESTING FREQUENCY				TESTING

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
MANHOLES -- ACMH	A MANHOLE IS AN ASSET USED TO ALLOW ACCESS TO SEWER AND STORMWATER MAINS. THERE ARE TWO PRIMARY TYPES OF MANHOLES: STANDARD MANHOLES AND END MANHOLES. A STANDARD MANHOLE IS AN OPENING ALLOWING ACCESS BY OPERATORS OR EQUIPMENT. IT MAY ALSO BE CALLED AN ACCESS HOLE OR MAINTENANCE HOLE. END MANHOLES OCCUR AT THE BEGINNING OF A MAIN HAVING ONLY AN OUTLET MAIN AND NO INLET (OTHER THAN A CUSTOMER SERVICE). END MANHOLES GENERALLY HAVE NO ACCESS LID BUT DO HAVE THE ABILITY TO BE MODIFIED SHOULD THE SEWER LINE BE EXTENDED.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		MANHOLE TYPE				MANHOLETYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		- ACCESS CONDITION		number	no.	
		- CHAMBER CONDITION		number	no.	
		- H2S ATTACK				YES/NO
		- BENCH CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET 1		number	no.	
		ASSOCIATED ASSET 2		number	no.	
		MAINTENANCE ACCESS DIMENSION1		Metres	m	
		MAINTENANCE ACCESS DIMENSION2		Metres	m	
		SHAPE				SHAPE
		FLOOR MATERIAL				CONSTRUCTEDMATERIAL
		FLOOR TYPE				CONSTRUCTEDMATERIAL
		FLOOR LINING				CONSTRUCTEDMATERIAL
		WALL MATERIAL				CONSTRUCTEDMATERIAL
		WALL TYPE				CONSTRUCTEDMATERIAL
		WALL LINING		millimetres	mm	
		COVER/LID RATING				COVERTYPE
		NO. OF INLET PIPES		Number	no.	
		NO. OF OUTLET PIPES		Number	no.	
		OVERFLOW				YES/NO
		LID DIMENSION 1 (DIAMETER)		Metres	m	
		LID DIMENSION 2		Metres	m	
		ACCESS LID MATERIAL				ACCESSLIDMATERIAL
		RL ACCESS LID		Metres	m	
		RL CENTRE FLOOR		Metres	m	
		DEPTH		Metres	m	
		BENCHING WIDTH		millimetres	mm	
		INTERNAL ACCESS				YES/NO
		BACKDROP MANHOLE				MANHOLEDROPTYPE
		- IL BACKDROP1		Metres	m	
		- IL BACKDROP2		Metres	m	
		- IL BACKDROP3		Metres	m	
		SOIL TYPE				SOILTYPE
		TERRAIN SLOPE		percent in 100 m	%	
		HEIGHT DATUM				DATUM
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
MATERIAL PROTECTION SYSTEM -- MATPROT	A SYSTEM IMPLEMENTED TO PROTECT THE INTEGRITY OF AN ASSET.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		PROTECTION TYPE				PROTECTIONTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		APPLICATION METHOD				APPLICATIONMETHOD
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		THICKNESS		millimetres to 1 decimal place	mm	
MEDIA -- MEDR	THIS ASSET PARENT SHOULD ONLY BE USED WHERE THERE IS TO BE MAINTENANCE OF A FILTER MEDIA UNDERTAKEN SEPARATE TO THAT OF THE FILTER UNIT ITSELF I.E. ACTIVATED CARBON FILTERS, PRESSURE SAND ETC.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		MEDIA TYPE				
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESS TYPE
		MANUFACTURER		Text	chr	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
METERS -- MET	A METER IS AN INSTRUMENT DEVICE USED FOR MEASURING AN ATTRIBUTE AT A PARTICULAR POINT. A METER MAY BE EITHER A CUSTOMER FLOW METER WHICH IS USED TO MEASURE USAGE BY AN INDIVIDUAL CONSUMER, A NETWORK METER WHICH IS USED BY FIELD OPERATIONS TO MEASURE USAGE AT A PARTICULAR LOCATION ON THE NETWORK, OR A PROCESS METER TO MEASURE PROCESS FLOWS AT TREATMENT PLANTS. NOTE MEASURING FLUMES ARE CONSIDERED TO BE FLOW METERS. THE ELECTROMAGNETIC FLOW METERS ARE RECOGNISED TO INCLUDE SENSING HEADS, AMPLIFIERS, DISPLAY AND TRANSMITTING COMPONENTS. FLOW METER ASSET WAS PREVIOUSLY NOT TO INCLUDE 20 MM RESIDENTIAL METERS AS SAME ARE REGISTERED SEPARATELY IN RELATION TO RATING FIELDS) - (AWAITING ADVICE RE PREFERRED PATH, ASSUMING, THESE METERS WILL NOW BE INCLUDED).	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		METER TYPE				METERTYPE
		MEASURING				MEASUREMENTTYPE
		METER INFORMATION USE	IF METERTYPE Volumetric THEN COMPLETE			METERUSETYPE
		NUMBER OF SUBORDINATE METERS	IF METERUSETYPE SUBMETER THEN COMPLETE WITH Numeric number	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED PIPE ASSET		number	no.	
		PROPERTY IDENTIFIER	Of value if being used to manage meters to individual properties only			
		MATERIAL MEASURED				INTERNALMEDIA
		INSTALLATION TYPE				INSTALLATION
		ACCESSIBILITY				ACCESS TYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		RECORDING LOCATION		REMOTE/FIXED		
		NOMINAL DIAMETER		millimetres	mm	NOMDIAMETER
		FLOW RANGE			kL	
		SUPPLY VOLTAGE				VOLTAGE
		ANALOGUE RANGE (4 - 20 mA)			kL	
		PULSE SETTING			L	
		NO. OF DIALS		Number	no.	
		MINIMUM COUNTER REGISTRATION			L	
		MAXIMUM COUNTER REGISTRATION			kL	
		CALIBRATION METHOD		Text	chr	
		DATE LAST CALIBRATED		date	date	
		DATE OF LAST MEASUREMENT		date	date	
		READING WHEN INSTALLED		number	no.	
		READING WHEN REMOVED		number	no.	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
MIXER -- MXR	A DEVICE USED TO MIX A CHEMICAL WITH ANOTHER MEDIA VIA BLENDING OR AGITATION. A MIXER IS AN ASSET THAT CAN BE RECOGNISED AS ONE OR MANY ASSETS. DISCRETION IS NEEDED AS TO WHETHER TO RECOGNISE A MIXER AS A SINGLE ASSET OR AS A MIXER, GEARBOX AND MOTOR. TYPICALLY THE MOTOR AND GEARBOX/MIXER WOULD AT LEAST BE RECOGNISED SEPARATELY AS THEY REQUIRE SEPARATE PLANNED MAINTENANCE WORK ORDERS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		MIXER TYPE				MIXERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		FLUID TYPE				INTERNALMEDIA
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		MIXER CONSTRUCTION MATERIAL				CONSTRUCTEDMATERIAL
		MOTOR CURRENT		Amps	A	
		MOTOR SIZE		Kilowatt	kW	
		MOTOR VOLTAGE		Volts	V	
		NO. OF BLADES		Number	no.	
		MIXER BLADE MATERIAL				CONSTRUCTEDMATERIAL
		NOMINAL DIAMETER		millimetres	mm	NOMDIAMETER
		EXTENDED SHAFT		Yes / No		
		LENGTH OF SHAFT		Metres	m	
		PHASE		Number	no.	MOTORPHASE
		SPEED (DUTY)		Revolutions per minute	rpm	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
MOTOR -- MOTR	A MOTOR IS AN ELECTROMECHANICAL DEVICE THAT CONVERTS ELECTRICAL ENERGY INTO MECHANICAL ENERGY. MOTORS ARE USED FOR ASSETS SUCH AS INDUSTRIAL FANS, BLOWERS AND PUMPS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		MOTOR TYPE				MOTORTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		MOTOR CONTROLLER				YES/NO
		MOTOR SIZE		Kilowatt	kW	
		EXPOSURE CLASS		Text	chr	
		FRAME SIZE		Text	chr	
		MOUNTING				MOUNTINGSTYLE
		MOTOR CURRENT		Amps	A	
		FULL LOAD CURRENT		Amps	A	
		CB TYPE AND RATING		Amps	A	
		MOTOR VOLTAGE		Volts	V	
		PHASE		Number	no.	MOTORPHASE
		NUMBER OF CORES PER PHASE			no.	
		POLES		Number	no.	MOTORPOLES
		START METHOD				MOTORSTARTMETHOD
		SPEED (DUTY)		Revolutions per minute	rpm	
		FREQUENCY		Hertz	Hz	
		MOTOR SPEED AT 50 Hz		Revolutions per minute	rpm	
		MOTOR CABLE LENGTH		Metres	m	
		VARIABLE SPEED DRIVE				YES/NO
		- MANUFACTURER		Text	chr	
		- MODEL		Text	chr	
		- SERIAL NUMBER		number	no.	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
MOTOR CONTROL CENTRE -- MCC	A MOTOR CONTROL CENTRE IS A DEVICE OR GROUP OF DEVICES THAT SERVERS TO GOVERN IN SOME PREDETERMINED MANNER THE PERFORMANCE OF AN ELECTRIC MOTOR. A MOTOR CONTROLLER MIGHT INCLUDE A MANUAL OR AUTOMATIC MEANS FOR STARTING AND STOPPING THE MOTOR, SELECTING FORWARD OR REVERSE ROTATION, SELECTING AND REGULATING THE SPEED, REGULATING OR LIMITING THE TORQUE AND PROTECTING AGAINST OVERLOADS AND FAULTS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		MOTOR CONTROL TYPE				MOTORSTARTMETHOD
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		MOTOR SIZE		Kilowatt	kW	
		EXPOSURE CLASS		Text	chr	
		FRAME SIZE		Text	chr	
		MOUNTING				MOUNTINGSTYLE
		MOTOR CURRENT		Amps	A	
		FULL LOAD CURRENT		Amps	A	
		CB TYPE AND RATING		Amps	A	
		MOTOR VOLTAGE		Volts	V	
		PHASE		Number	no.	MOTORPHASE
		NUMBER OF CORES PER PHASE				
		POLES		Number	no.	MOTORPOLES
		FREQUENCY		Hertz	Hz	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
NODE -- NODE	NODES ARE DEFINED FOR NETWORK PIPE SYSTEMS, TO DEFINE THE TERMINAL POINTS OF EACH PIPE SEGMENT. NODES MAY BE VALVES, FITTINGS OR INTERSECTION LOCATIONS WITH OTHER PIPE SEGMENTS IN WHICH CASE THE NODE IS A GIS POSITION.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		NODE TYPE				NODETYPE
		ASSOCIATED PIPE SEGMENT 1		number	no.	
		ASSOCIATED PIPE SEGMENT 2		number	no.	
		ASSOCIATED PIPE SEGMENT 3		number	no.	
		IF VALVE TYPE NODE, LIST VALVE ID		number	no.	
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
PIPES-- PIPE	A SINGLE SECTION OF CYLINDRICAL SHAPED TUBING THAT CARRIES MATERIAL E.G. WATER, GAS, STEAM, POWDERS ETC. THIS ASSET TYPE IS ONLY TO BE USED WHERE THE PIPE IS LEVEL 5 CHILD ASSET OF PIPEWORK AND VALVE PARENT ASSETS I.E. ONLY WITHIN FACILITIES WHERE THE PIPE IS DELIMITED BY A SIMILAR LEVEL 5 ASSET SUCH AS A VALVE, PUMP OR INSTRUMENT.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		PIPE TYPE				PIPETYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		INSTALLATION TYPE				INSTALLATION
		NOMINAL DIAMETER		millimetres	mm	NOMDIAMETER
		PIPE MATERIAL				PIPEMATERIAL
		PIPE LINING				CONSTRUCTEDMATETRIAL
		PIPE CLASS				PIPEPRESSURECLASS
		PIPE JOINT METHOD				PIPEJOINTTYPE
		PIPE LENGTH		metres	m	
		SUBSTANCE CONTAINED				INTERNALMEDIA
		UPSTREAM NODE ASSET ID	Need to use the ASSET ID , and within FACILITIES the nodes are typically VALVES			
		DOWNSTREAM NODE ASSET ID				
		RL SURFACE UPSTREAM		metres	m	
		RL SURFACE DOWNSTREAM		metres	m	
		IL PIPE UPSTREAM		metres	m	
		IL PIPE DOWNSTREAM		metres	m	
		SOIL TYPE				SOILTYPE
		HEIGHT DATUM				DATUM
		PIPE PROTECTION /WRAPPING TYPE				PROTECTIONTYPE
		BEDDING TYPE/ SUPPORT TYPE				BEDDINGSUPPORTTYPE
		GRADE		percent in 100 metres	%	
		CATHODIC PROTECTION				YES/NO
		ENVELOPER AND TYPE				ENVELOPERTYPE
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
PIPE SEGMENT -- PIPSGM	THIS IS A PARENT ASSET IN THE NETWORK ASSETS WHERE VALVES, METERS, HYDRANTS, SERVICE CONNECTIONS AND STRUCTURES ARE CHILD ASSETS OF THE PIPES.	ASSET ID	Conquest Generated	number	no.	
		PREVIOUS PIPE SEGMENT NAME/NUMBER	Previous Pipe Segment Name/Number	number	no.	
		NETWORK SUB-CATCHMENT	Relevant Water Network Sub-Catchment Tag	number/test	no.	
		PIPE SEGMENT TYPE				PIPETYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		INSTALLATION TYPE				INSTALLATION
		NOMINAL DIAMETER		millimetres	mm	NOMDIAMETER
		PIPE MATERIAL				PIPEMATERIAL
		PIPE LINING				CONSTRUCTEDMATETRIAL
		PIPE CLASS				PIPEPRESSURECLASS
		PIPE JOINT METHOD				PIPEJOINTTYPE
		PIPE LENGTH		metres	m	
		SUBSTANCE CONTAINED				INTERNALMEDIA
		UPSTREAM NODE ASSET ID	NODE ASSET ID	number	no.	
		DOWNSTREAM NODE ASSET ID	NODE ASSET ID	number	no.	
		PIPE SEGMENT COVER		metres	m	
		SOIL TYPE				SOILTYPE
		PIPE PROTECTION /WRAPPING TYPE				PROTECTIONTYPE
		BEDDING TYPE/ SUPPORT TYPE				BEDDINGSUPPORTTYPE
		ENVELOPER AND TYPE				ENVELOPERTYPE
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
PLATFORMS -- PLAT	PURPOSE BUILT AND MAINTAINED PLATFORMS THAT ARE MAINTAINED SEPARATE TO AN ASSOCIATED ASSET.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		PLATFORM MATERIAL				CONSTRUCTEDMATERIAL
		PLATFORM SUPPORT METHOD				MOUNTINGSTYLE
		LOAD LIMITS		kilograms	kg	
		CERTIFICATION EXPIRY DATE		date	date	
		LAST INSPECTED		date	date	
POND / LAGOON -- POND	POND OR LAGOON IS A SPECIFIC EARTH EMBANKMENT SUPPORTED RESERVOIR TYPE FOR STORAGE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		POND TYPE				PONDTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		CAPACITY		kilolitres	kL	
		EMBANKMENT MATERIAL				CONSTRUCTEDMATERIAL
		TOP OF EMBANKMENT LEVEL (RL)			m	
		FLOOR MATERIAL				CONSTRUCTEDMATERIAL
		LINING MATERIAL				CONSTRUCTEDMATERIAL
		LINING THICKNESS		millimetres	mm	
		SHAPE				SHAPE
		DIMENSION 1 (DIAMETER)		Metres	m	
		DIMENSION 2		Metres	m	
		HEIGHT / DEPTH		Metres	m	
		EMBANKMENT GRADE		percent in 100 m	%	
		INLET LEVEL (RL)			m	
		INLET DIAMETER		millimetres	mm	
		OUTLET TYPE				OUTLET/INLET/OVERFLOWTYPE
		OUTLET LEVEL (RL)			m	
		OUTLET DIMENSION		millimetres	mm	
		OVERFLOW TYPE				OUTLET/INLET/OVERFLOWTYPE
		OVERFLOW LEVEL (RL)		Metres	m	
		OVERFLOW DIMENSION		millimetres	mm	
		WAVEBAND EDGE PROTECTION MATERIAL				CONSTRUCTEDMATERIAL
		AERATION				YES/NO

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
POWER SUPPLY -- PSUPP	A POWER SUPPLY IS AN ASSET THAT SUPPLIES ELECTRIC POWER TO AN ELECTRICAL LOAD. A POWER SUPPLY CONTROLS THE OUTPUT VOLTAGE OR CURRENT TO A SPECIFIC VALUE; THE CONTROLLED VALUE IS HELD NEARLY CONSTANT DESPITE VARIATIONS IN EITHER LOAD CURRENT OR THE VOLTAGE SUPPLIED BY THE POWER SUPPLY'S ENERGY SOURCE. This ASSET TYPE would be expected to include UPS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		POWER SUPPLY TYPE				ENERGYTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		LOT NUMBER		number	no.	
		CLOSEST POWER POLE NUMBER		number	no.	
		POWER SUPPLY MAX CURRENT CAPACITY		amps	A	
		INPUT VOLTAGE		Volts	V	
		OUTPUT VOLTAGE		Volts	V	
		415 VOLTS MANUFACTURER		Text	chr	
		415 VOLTS MODEL		Text	chr	
		415 VOLTS SERIAL NUMBER		number	no.	
		415 VOLTS ERGON ACCOUNT NUMBER		number	no.	
		240/12 VOLT DC MANUFACTURER		Text	chr	
		240/12 VOLT DC MODEL		Text	chr	
		240/12 VOLT DC SERIAL NUMBER		number	no.	
		240 VOLTS ERGON ACCOUNT NUMBER		number	no.	
PROGRAMMABLE LOGIC CONTROLLER -- PLC	PROGRAMMABLE LOGIC CONTROLLER (PLC) IS AN ELECTRICAL DEVICE THAT WHEN CONNECTED TO AN ASSET PROVIDES A CONTROL FUNCTION WHICH INITIATES A DESIRED OPERATION. THE PLC IS TYPICAL LOCATED WITHIN A CONTROL SYSTEM.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		PLC TYPE				PLCTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		SCAN TIME		Minutes to 1 decimal place	min	
		NO. ANALOGUE INPUT		Number	no.	
		NO. ANALOGUE OUTPUT		Number	no.	
		NO. DIGITAL INPUT		Number	no.	
		NO. DIGITAL OUTPUT		Number	no.	
		HUMAN MACHINE INTERFACE		Number	no.	
		COMMUNICATION PROTOCOL				COMMSTYPE
		PROGRAMMING PROTOCOL				COMMSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
PUMP -- PMP	PUMPS CAN BE RECOGNISED AS A SINGLE ASSET OR AS SEPARATE PUMP AND MOTOR ASSETS. PUMP SETS WITH A MOTOR POWER RATING OF LESS THAN 25 KW OR MOTORS THAT ARE NOT PHYSICALLY SEPARATED FROM THE PUMP FOR IDENTIFICATION, MAINTENANCE OR ROTATION PURPOSES ARE RECOGNISED AS A SINGLE ASSET. ALL OTHER PUMP SETS ARE RECORDED AS A SEPARATE PUMP AND MOTOR ASSET.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		PUMP TYPE				PUMPTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MANUFACTURER CURVE NO.		number	no.	
		MODEL		number	no.	
		SERIAL NUMBER		number	no.	
		STAGES		number	no.	
		PUMP MASS		Kilograms	kg	
		PUMP MOUNTING				MOUNTINGSTYLE
		PUMP SPEED			Hz	
		IMPELLER				
		- TYPE				IMPELLERTYPE
		- MANUFACTURER		Text	chr	
		- MODEL		Text	chr	
		- SERIAL NUMBER		number	no.	
		- DIAMETER		millimetres	mm	
		- MATERIAL				CONSTRUCTEDMATERIAL
		- PROTECTION				PROTECTIONTYPE
		- NUMBER		number	no.	
		PUMP HOUSING MATERIAL				CONSTRUCTEDMATERIAL
		STATOR HOUSING MATERIAL				CONSTRUCTEDMATERIAL
		SHAFT MATERIAL				CONSTRUCTEDMATERIAL
		SHAFT SEALING				CONSTRUCTEDMATERIAL
		CAPACITY (DUTY)		Litres per second	L/s	
		HEAD (DUTY)		Metres	m	
		SHUT OFF HEAD		Metres	m	
		DUTY / STANDBY				YES/NO
		OPERATING POINT (1 PUMP)		Litres per second at Metre	L/s@m	
		OPERATING POINT (2 PUMPS)		Litres per second at Metre	L/s@m	
		GUIDE RAIL SIZE		millimetres	mm	
		SHAPE OF GUIDE RAILS				SHAPE
		NUMBER OF GUIDE RAILS PER PUMP		number	no.	
		INLET DIAMETER		millimetres	mm	
		OUTLET DIAMETER		millimetres	mm	
		DISCHARGE STYLE (OFFSET / CENTRE)				
		MOTOR				
		- INCLUDED				YES/NO
		- MANUFACTURER		Text	chr	
		- MODEL		Text	chr	
		- SERIAL NUMBER		number	no.	
		- CONTROLLER				YES/NO
		- SIZE / RATED POWER		Kilowatt	kW	
		MOTOR CURRENT		Amps	A	
		FULL LOAD CURRENT		Amps	A	
		PEDESTAL SIZE		millimetres	mm	
		PEDESTAL MATERIAL				CONSTRUCTEDMATERIAL

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
RADIO -- RAD	A RADIO IS AN ASSET THAT USES WIRELESS TRANSMISSION OF SIGNALS THROUGH FREE SPACE BY ELECTROMAGNETIC RADIATION OF A FREQUENCY SIGNIFICANTLY BELOW THAT OF VISIBLE LIGHT, IN THE RADIO FREQUENCY RANGE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		RADIO TYPE				RADIOTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		FREQUENCY		Hertz	Hz	
		SIZE		number	no.	
		TELEMETRY PROTOCOL				TELEMETRYTYPE
		POWER TYPE				ENERGYTYPE
		ACCESSIBILITY				ACCESS TYPE
REMOTE TERMINAL / TELEMETRY UNIT -- RTU	A REMOTE TERMINAL UNIT (RTU) IS A MICROPROCESSOR-CONTROLLED ELECTRONIC DEVICE THAT INTERFACES OBJECTS IN THE PHYSICAL WORLD TO A DISTRIBUTED CONTROL SYSTEM OR SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION) SYSTEM BY TRANSMITTING TELEMETRY DATA TO A MASTER SYSTEM AND BY USING MESSAGES FROM THE MASTER SUPERVISORY SYSTEM TO CONTROL CONNECTED OBJECTS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		ASSOCIATED ASSET		number	no.	
		FREQUENCY		Hertz	Hz	
		SIZE		number	no.	
		POWER TYPE				ENERGYTYPE
		DIGITAL/STATUS INPUTS		number	no.	
		ANALOGUE INPUTS		number	no.	
		DIGITAL/CONTROL OUTPUTS		number	no.	
		ANALOGUE OUTPUTS		number	no.	
		COMMUNICATIONS PROTOCOL				COMMSTYPE
		INTELLIGENT END DEVICE (IED)				YES/NO
		TELEMETRY PROTOCOL				TELEMETRYTYPE
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
RISING SEWER MAINS -- RSEW	THIS ASSET TYPE IS ONLY APPLIED TO RISING SEWER MAINS WHETHER LOW PRESSURE, SMALL DIAMETER OR NOT.	ASSET ID	Conquest Generated	number	no.	
		EXISTING SEWER BRANCH NAME (ALIAS)	Only complete if relevant	text	chr	
		NETWORK SUB-CATCHMENT	Relevant Sewer Network Sub-Catchment Tag	number/text	no.	
		SEWER TYPE				SEWERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		CCTV RECORD	If Yes provide Reference Record Number			YES/NO
		DATE OF CCTV		date	date	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		NOMINAL DIAMETER		millimetres	mm	NOMDIAMETER
		PIPE MATERIAL				PIPEMATERIAL
		PIPE LINING				CONSTRUCTEDMATETRIAL
		PIPE CLASS				PIPEPRESSURECLASS
		PIPE JOINT METHOD				PIPEJOINTTYPE
		PIPE LENGTH		metres	m	
		INSTALLATION TYPE				INSTALLATIONTYPE
		UPSTREAM ISOLATION VALVE ASSET ID.		number	no.	
		DOWNSTREAM ISOLATION VALVE ASSET ID.	Only complete the relevant field	number	no.	
		DOWNSTREAM MANHOLE ASSET ID		number	no.	
		RL SURFACE UPSTREAM		metres	m	
		RL SURFACE DOWN STREAM		metres	m	
		IL PIPE UPSTREAM		metres	m	
		IL PIPE DOWNSTREAM		metres	m	
		SOIL TYPE				SOILTYPE
		HEIGHT DATUM				DATUM
		PIPE PROTECTION / WRAPPING TYPE				PROTECTIONTYPE
		BEDDING TYPE / SUPPORT TYPE				BEDDINGSUPPORTTYPE
		GRADE		percent	%	
		CATHODIC PROTECTION				YES/NO
		ENVELOPER AND TYPE				ENVELOPERTYPE
		ACCESSIBILITY				ACCESSTYPE
ROAD / PARKING AREA -- ROAD	A PREPARED SURFACE THAT IS SUITABLE FOR THE PASSAGE OF VEHICLES. THIS INCLUDES ACCESS ROADS TO PUMP STATIONS AND BUILDINGS.	ASSET ID	Conquest Generated	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ROAD WIDTH		Metres	m	
		LENGTH		Metres	m	
		AREA		Metres squared	m2	
		SURFACE				ROADSURFACE
		SUB-SURFACE/SUBGRADE CLASS				SUBGRADETYPE
		DRAINAGE TYPE				DRAINAGETYPE
		KERB				YES/NO
		MAXIMUM LOAD			tonnes	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
SAFETY EQUIPMENT -- SAFEQ	ASSETS HAVE A PRIMARY PURPOSE BEING ABLE TO ASSIST SAFE WORK. USES INCLUDE FALL PROTECTION, SAFETY CHAINS, GAS DETECTORS, SCBA AND MASKS. SAFETY EQUIPMENT IS TO BE MAINTAINED AS A SINGLE ASSET.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		EQUIPMENT TYPE				SAFETYEQUIPMENTTYPE
		REFERENCE USER MANUAL		Text	chr	
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		PURCHASE COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		ASSOCIATED ASSET		number	no.	
		OPERATIONAL LIMITS/RANGE		number	no.	
		OWNER/CUSTODIAN		Text	chr	
		INSTALLATION TYPE				INSTALLATION
		CERTIFICATION EXPIRY DATE		date	date	
		LAST TESTED		date	date	
		ACCESSIBILITY				ACCESSTYPE
SCADA -- SCDA	SCADA (SUPERVISORY CONTROL AND DATA ACQUISITION) IS AN INDUSTRIAL CONTROL SYSTEM (ICS), WHICH IS A COMPUTER CONTROLLED SYSTEM THAT MONITORS AND CONTROLS INDUSTRIAL PROCESSES THAT EXIST IN THE PHYSICAL WORLD. SCADA SYSTEMS ARE USED FOR LARGE SCALE PROCESSES THAT CAN INCLUDE MULTIPLE SITES, AND LARGE DISTANCES. This tab is to fully completed where there are no maintainable Level 5 assets associated with this Level 4 asset, otherwise do not use.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET				
		HUMAN-MACHINE INTERFACE DEVICE		number	no.	
		REMOTE TERMINAL UNITS		number	no.	
		PROGRAMMABLE LOGIC CONTROLLER		number	no.	
		REPORTS TO		Text	chr	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		SOFTWARE		Text	chr	
		POWER SOURCE				ENERGYTYPE
		INSTALLATION TYPE				INSTALLATION
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
SCALES -- SCAL	SCALES ARE UTILISED FOR THE WEIGHING OF CHEMICAL PRIOR TO MIXING WITHIN THE PROCESS. USE THIS WHEN THE SCALES ARE MAINTAINED AS A SINGLE ASSET RATHER THAN WITHIN THE CHEMICAL DOSING SYSTEM.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		EQUIPMENT TYPE				SCALETYPE
		REFERENCE USER MANUAL				
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		PURCHASE COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		ASSOCIATED ASSET		number	no.	
		OPERATIONAL LIMITS/RANGE		kg/Tonnes		
		OWNER/CUSTODIAN		Text	chr	
		INSTALLATION TYPE				INSTALLATION
		CERTIFICATION EXPIRY DATE		date	date	
		LAST TESTED		date	date	
		ACCESSIBILITY				ACCESSTYPE
SCREEN / SIEVE / STRAINER -- SCR	A SCREEN, SIEVE OR STRAINER IS AN ASSET WHICH THE FILTRATION ELEMENTS ARE A MESH, NET OR BARS THAT CAN BE MECHANICALLY CLEANED TO RESTORE FULL PERFORMANCE. SIEVES DO NOT USE FILTRATION MEDIA (E.G. MECHANICALLY RAKED TRASH SCREEN, AUTOMATIC BACKFLUSH WEDGE WIRE SCREEN, Y-STRAINER). A SCREEN IS A COURSE STRAINER.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		SCREEN TYPE				SCREENTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		CLEANING METHOD				CLEANINGMETHOD
		HYDRAULIC CAPACITY		Cubic metres per hour	m^3/hr	
		MOTOR SIZE		Kilowatt	kW	
		MOTOR CURRENT		Amps	A	
		MOTOR VOLTAGE		Volts	V	
		PHASE		Number	no.	MOTORPHASE
		SCREEN SIZE		millimetres	mm	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
SECURITY SYSTEM -- SECSY	A SECURITY SYSTEM IS AN ELECTRONIC SYSTEM USED TO MONITOR AN ASSET AND RAISE AN ALARM WHEN A PERSON/S ATTEMPT TO ENTER WITHOUT CLEARANCE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		SYSTEM TYPE				SECURITYSYSTEMTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		NO. ACCESS READERS		number	no.	
		NO. CCTV CAMERAS		number	no.	
		NO. INFRARED MOVEMENT SENSORS		number	no.	
		NO. ZONES		number	no.	
		NO. INTERCOMS		number	no.	
		NO. ALARMS		number	no.	
		CENTRAL CONTROL PANEL ASSET ID		number	no.	
		KEY LEVEL		number	no.	
SERVICE CONNECTION PIPE -- SCONN	A SERVICE CONNECTION PIPE IS THE ASSET THAT CONNECTS THE WATER MAINS OR SEWER MAINS TO THE SERVICE POINT. THE WATER SERVICE PIPE DOES NOT INCLUDE THE PIPE CONNECTING THE CUSTOMER'S HOUSE TO THE SERVICE POINT OF THE CUSTOMER'S SUBMETER TO THE MASTER METER. NOTE: THE SERVICE PIPE WILL ALWAYS HAVE AN UPSTREAM NODE AS THE MAINCOCK VALVE ON THE PARENT PIPE SEGMENT , YET ONLY NEED TO RECORD THE PIPE SEGMENT UNLESS THE MAINCOCK VALVE IS A MAINTENANCE MANAGED VALVE WITH AN ASSIGNED ASSET ID. THE DOWNSTREAM NODE IS THE CUSTOMER METER, BEING THE TERMINAL POINT OF GRC OWNERSHIP, WITH THE EXCEPTION BEING FOR STRATA-TITLED DEVELOPMENT WHERE THE SERVICE PIPE FROM THE MASTER METER TO SUBORDINATE METERS IS NOT A GRC ASSET. THE SEWER CONNECTION EXTENDS FROM THE COLLECTION SEWER TO THE HOUSE JUNCTION PIT JUMP UP.	ASSET ID	Conquest Generated	number	no.	
		EXISTING SEWER BRANCH NAME (ALIAS)	Only complete if relevant	text	chr	
		SUBURB	Post Code	number	no.	
		CONNECTION TYPE				CONNECTIONTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		ASSOCIATED PIPE SEGMENT NUMBER		number	no.	
		ASSOCIATED VALVE ASSET 1	Only complete where the Valve has been identified as a MMI.	number	no.	
		ASSOCIATED VALVE ASSET 2	Only complete where the CONNECTION TYPE is 'RIDR' .	number	no.	
		ASSOCIATED SERVICE CONNECTION PIPE	Only complete where the CONNECTION TYPE is 'RIDR' .	number	no.	
		ASSOCIATED METER ASSET	If connection type multi only list the Master Meter ID.	number	no.	
		ASSOCIATED SEWER ASSET	Only complete where CONNECTIONTYPE is "SEW"	number	no.	
		PROPERTY 1 IDENTIFIER	Parcel/Lot number	Text	chr	
		PROPERTY 2 IDENTIFIER	Parcel/Lot number (Leave blank for sewer SCONN)	Text	chr	
		LENGTH		metres	m	
		MATERIAL				CONSTRUCTEDMATERIAL
		NOMINAL DIAMETER		millimetres	mm	NOMDIAMETER
		ISOLATING VALVE				YES/NO
		CONNECTION CHAMBER				YES/NO
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
SOFTWARE -- SOFT	THE SOFTWARE ASSET INCLUDES COMPUTER SOFTWARE FOR OFFICE, PC'S, BUSINESS AND COMMUNICATIONS DRIVERS. THIS ASSET SPECIFICALLY EXCLUDES PLC.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		SOFTWARE TYPE				SOFTWARETYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET				
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		ASSOCIATED ASSET		number	no.	
STANDPIPE -- STNDPIPE	A STANDPIPE IS AN ASSET THAT IS USED TO REFILL WATER TRUCKS AND OTHER VEHICLES (USE THIS PARENT WHEN THE STANDPIPE IS TO BE TREATED AS A SPECIAL TYPE OF BULK FLOW METERING SYSTEM ASSET).	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		STANDPIPE NUMBER		number	no.	
		METER NUMBER/ASSOCIATED METER ASSET	Are meters being treated as single or a class of asset by size and fun	number	no.	
		BACKFLOW PREVENTION				YES/NO
		BACKFLOW PREVENTION ASSET NO.		number	no.	
		OUTLET SIZE		millimetres	mm	
		AUTOMATIC				YES/NO

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
STRUCTURE -- STRU	THIS ASSET TYPE HAS BEEN DEFINED TO REFER TO STRUCTURAL ASSETS THAT ARE NOT BUILDINGS, CHAMBERS, MANHOLES, TANKS, WALKWAYS, ROADS, LADDERS OR FENCES WHICH EACH HAVE THEIR OWN ASSET CATEGORY. EXAMPLES OF STRUCTURES COULD INCLUDE BRIDGES, MONOPOLES, LATTICE TOWERS, GUIDE POLES (THE SEWER NETWORK RECOGNISES PIERS AND CONCRETE STOPS AS STRUCTURES).	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		STRUCTURE TYPE				STRUCTURETYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no.	
		ASSOCIATED ASSET	Either field but not both. If structure is in water network list the pipe segment, other the associated asset.	number	no.	
		ASSOCIATED PIPE SEGMENT NO.				
		CONSTRUCTED MATERIAL				CONSTRUCTEDMATERIAL
		STRUCTURE LINING / PROTECTION				PROTECTIONTYPE
		VERMIN PROTECTION				YES/NO
		SHAPE				SHAPE
		DIMENSION 1 (DIAMETER / LENGTH)		Metres	m	
		DIMENSION 2 (WIDTH)		Metres	m	
		HEIGHT / DEPTH		Metres	m	
		INSTALLATION				INSTALLATION
		ACCESS COVER MATERIAL				ACCESSLIDMATERIAL
		COVER TYPE				COVERTYPE
		ACCESSIBILITY				ACCESSTYPE
SUB-METERS -- SUBM	A SUB-METER IS A CUSTOMER FLOW METER WHICH IS USED TO MEASURE USAGE BY AN INDIVIDUAL CONSUMER THAT IS LOCATED WITHIN A MULTI-RESIDENTIAL OR COMMERCIAL, INDUSTRIAL LAND PARCEL. TYPICAL SITES INCLUDE UNITS, APARTMENT GROUPS, ETC.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		SERVICE CONNECTION PIPE ASSET NO.		number	no.	
		SUB METER TYPE				SUBMETERTYPE
		NUMBER OF SUBORDINATE METERS	IF NOT Master Meter THEN COMPLETE WITH Numeric number	number	no.	
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		ASSOCIATED PIPE ASSET		number	no.	
		PROPERTY IDENTIFIER	Of value if being used to manage meters to individual properties only	number	no.	
		UNIT, TENANT, TITLE IDENTIFIER	only complete for where SUBMETERTYPE is 'subordinate', not 'MASTER'.	number	no.	
		INSTALLATION TYPE				INSTALLATION
		ACCESSIBILITY				ACCESSTYPE
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		MINIMUM COUNTER REGISTRATION			L	
		MAXIMUM COUNTER REGISTRATION			kL	
		CALIBRATION METHOD		Text	chr	
		DATE LAST CALIBRATED		date	date	
		DATE OF LAST MEASUREMENT		date	date	
		READING WHEN INSTALLED		number	no.	
		READING WHEN REMOVED		number	no.	

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
SUBSTATION -- SUBS	A POWER SYSTEM UTILISED TO TRANSFORM VOLTAGE FROM LOW TO HIGH OR VICE VERSA.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		INPUT VOLTAGE		Volts	V	
		OUTPUT VOLTAGE		Volts	V	
		EXPOSURE				EXPOSURECLASS
		NO. OF PANELS		Number	no.	
		ENCLOSURE MATERIAL				CONSTRUCTEDMATERIAL
		ENCLOSURE MATERIAL COATING				PROTECTIONTYPE
		FIRE CONTROL / SUPPRESSION TYPE				YES/NO
		SIZE		Kilowatt	kW	
		ACCESSIBILITY				ACCESSTYPE
SWITCHBOARD -- SWBRD	SWITCHBOARD ASSET CAN ALSO BE REFERRED TO AS A MOTOR CONTROL CENTRE (MCC). COMPONENTS OF SWITCHBOARDS ARE RECOGNISED AS SEPARATE ASSETS E.G. CIRCUIT BREAKERS, STARTERS, ELECTRICAL FILTERS, POWER FACTOR CORRECTION UNITS, CONTROLLERS, PLC'S, RADIOS AND LOCAL POWER DISTRIBUTION.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		EXPOSURE				EXPOSURECLASS
		NO. OF PANELS		Number	no.	
		ENCLOSURE MATERIAL				CONSTRUCTEDMATERIAL
		ENCLOSURE MATERIAL COATING				PROTECTIONTYPE
		FIRE CONTROL / SUPPRESSION TYPE				YES/NO
		SIZE		Kilowatt	kW	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
TANK -- TNK	THIS ASSET TYPE REFERS TO ALL TYPES OF NON-PRESSURISED TANKS, INCLUDING HOLDING TANKS, SUMPS, SILOS ETC. RESERVOIRS AND PONDS/LAGOONS ARE CONSIDERED AS A SEPARATE ASSET TYPE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		TANK TYPE				TANKTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET				
		CAPACITY		Metres cubed	m^3	
		INTERNAL MATERIAL				INTERNALMEDIA
		TANK INSTALLATION TYPE				INSTALLATION
		DIMENSION 1 (DIAMETER)		Metres	m	
		DIMENSION 2		Metres	m	
		FLOOR MATERIAL				CONSTRUCTEDMATERIAL
		FLOOR LEVEL (RL)		Metres	m	
		WALL MATERIAL				CONSTRUCTEDMATERIAL
		ROOF SHEETING / LID MATERIAL				CONSTRUCTEDMATERIAL
		ROOF LEVEL (RL)		Metres	m	
		ROOF SUPPORT STRUCTURE				CONSTRUCTEDMATERIAL
		TANK EXTERNAL COATING				PROTECTIONTYPE
		HEIGHT / DEPTH		Metres	m	
		INLET DIMENSION		millimetres	mm	
		INLET MATERIAL				PIPEMATERIAL
		INLET LEVEL (RL)		Metres	m	
		OUTLET DIMENSION		millimetres	mm	
		OUTLET MATERIAL				PIPEMATERIAL
		OUTLET LEVEL (RL)		millimetres	mm	
		OVERFLOW TYPE				OUTLET/INLET/OVERFLOWTYPE
		OVERFLOW DIMENSION		millimetres	mm	
		OVERFLOW MATERIAL				PIPEMATERIAL
		OVERFLOW LEVEL (RL)		Metres	m	
		LID MATERIAL				CONSTRUCTEDMATERIAL
		LID LEVEL (RL)		Metres	m	
		NATURAL SURFACE LEVEL (RL)		Metres	m	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
TELEMETRY -- TELE	TELEMETRY IS THE WIRELESS TRANSMISSION AND RECEPTION OF MEASURED QUANTITIES FOR THE PURPOSE OF REMOTELY MONITORING ENVIRONMENTAL CONDITIONS OR EQUIPMENT PARAMETERS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		TELEMETRY TYPE				TELEMETRYTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		PHONE NUMBER		number	no.	
		RANGE SETTING		number	no.	
		PULSE SETTING		number	no.	
		REPORTS TO (LOCATION/ASSET)		number	no.	
		ACCESSIBILITY				ACCESSTYPE
TRANSFORMER -- TRANS	A TRANSFORMER IS A STATIC ELECTRICAL DEVICE THAT STEPS UP AND DOWN THE VOLTAGE OF A POWER SUPPLY BY TRANSFERRING ENERGY BY INDUCTIVE COUPLING BETWEEN ITS WINDING CIRCUITS.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		TRANSFORMER TYPE				TRANSFORMERTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		KVA RATING		Kilo Volt Amperes	kVA	
		PRIMARY VOLTAGE		Volt	V	
		SECONDARY VOLTAGE		Volt	V	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
UNINTERRUPTIBLE POWER SUPPLY -- UPS	A UPS PROVIDES PROTECTION POWER SUPPLY TO AN ELECTRICAL LOAD UNDER POWER FAILURE/BLACKOUT. A POWER SUPPLY CONTROLS THE OUTPUT VOLTAGE OR CURRENT TO A SPECIFIC VALUE; THE CONTROLLED VALUE IS HELD NEARLY CONSTANT DESPITE VARIATIONS IN EITHER LOAD CURRENT OR THE VOLTAGE SUPPLIED BY THE POWER SUPPLY'S ENERGY SOURCE.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		POWER SUPPLY MAX CURRENT CAPACITY		amps	A	
		INPUT VOLTAGE		Volts	V	
		OUTPUT VOLTAGE		Volts	V	
		BATTERY CAPACITY		Amp hours	Ahr	
		MAXIMUM SUPPLY DURATION		Hours	hr	
UV LAMP CLEANING UNIT -- UVCLR	A UV LAMP CLEANING UNIT IS A DEVICE THAT PERIODICAL AND AUTOMATICALLY CLEANS THE UV LAMPS (ONLY USE IF UNIT IS MAINTAINED SEPARATE TO THE UV DOSING UNIT).	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
UV DOSING UNIT -- UVDOS	A UV DOSING UNIT IS A DEVISE THAT EMITS A MEASURED DOSE OF UV LIGHT ACROSS A STREAM OF WATER DESTROYING MICROORGANISMS THAT EXIST IN WATER. This ASSET is for use at level 4 where there are no lower level maintainable assets.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		ACCESSIBILITY				ACCESSTYPE
		POWER RATING		Kilowatts	kW	
		DOSE INTENSITY		Mega joules/square cm	MJ/cm2	
		MAX THROUGHPUT		Litres/sec	L/s	
UV LAMPS -- UVLMP	A UV LAMP IS THE SYSTEM OF CREATING ENERGY FOR FOCUS INTO THE FLUID FLOW PATH (ONLY USE IF UNIT IS MAINTAINED SEPARATE TO THE UV DOSING UNIT).	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		POWER RATING		Kilowatts	kW	
		DOSE INTENSITY RATINGS		Mega joules/square cm	MJ/cm2	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
VALVE -- VAL	A DEVICE USED FOR CONTROLLING AND ISOLATING THE FLOW OF A LIQUID, GAS OR STEAM BY ISOLATION, REGULATION AND PREVENTION OF A RETURN FLOW. A VALVE CAN BE MANUALLY OPERATED OR ACTUATOR CONTROLLED. SEPARATE ASSET CATEGORIES HAVE BEEN DEFINED FOR AIR VALVES, CONTROL VALVES, NON RETURN VALVES, BACKFLOW PREVENTION VALVES AND PENSTOCKS. ISOLATION, STOP, SCOUR AND BOUNDARY VALVES SHOULD ALL BE RECOGNISED AS VALVE ASSET TYPE. IF A VALVE HAS AN ACTUATOR, THEN BY DEFINITION, THE ACTUATOR AND VALVE MUST BOTH BE RECOGNISED. A SOLENOID AND HYDRAULIC PILOT ARE BOTH TYPES OF ACTUATORS, BUT NEEDN'T BE RECOGNISED SEPARATELY. BY DEFINITION ACTUATOR IS INCLUDED IN THE VALVEACTIVATON ATTRIBUTE AND AN ASSET RECOGNITION RULE THAT IF THE VALVE IS ACTUATED, A SEPARATE ASSET SHOULD BE RECOGNISED TO PICK UP MORE ATTRIBUTES.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		VALVE TYPE				VALVETYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		VALVE FUNCTION				VALVEFUNCTION
		BACKFLOW VALVE TYPE	Only complete for backflow valves.			VALVENONRETURNTYPE
		IF BACKFLOW, DATE CERTIFICATION EXPIRES		date	date	
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MODEL		number	no.	
		SERIAL NUMBER		number	no.	
		BODY MATERIAL				VALVEMATERIAL
		FLOW RESTRICTOR MATERIAL				VALVEMATERIAL
		NOMINAL DIAMETER		millimetres	mm	NOMDIAMETER
		PRESSURE RATING		kilopascals	kPa	
		VALVE COATING				PROTECTIONTYPE
		INSTALLATION CONFIGURATION				INSTALLATION
		ACTUATION				VALVEACTUATION
		CLOCKWISE CLOSING				CLOCKWISECLOSING
		NO. OF TURNS TO CLOSE		number	no.	
		SEAT MATERIAL				CONSTRUCTEDMATERIAL
		STEM MATERIAL				VALVEMATERIAL
		VALVE POSITION STATUS				VALVESTATUS
		RISING STEM				YES/NO
		INSTALLATION				INSTALLATION
		ACCESSIBILITY				ACCESSTYPE
		PILOT SET POINT		NA/ or Setting in kPa		

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
VENT / VENTILATOR -- VENT	AN ASSET THAT ALLOWS POTENTIALLY DANGEROUS GASES TO BE VENTED TO THE ATMOSPHERE E.G. FROM A SEWER NETWORK. VENTS INCLUDE VERTICAL RISERS AND NON-MOTORISED VENTILATION EQUIPMENT. MECHANICAL FANS AND ODOUR CONTROL ASSETS WILL BE RECOGNISED AS A SEPARATE ASSET.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		VENT TYPE				VENTTYPE
		IF ODOUR CONTROLLED, TYPE OTHERWISE NA				ODOURCONTROLTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		DATE OF MANUFACTURE		date	date	
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		number	no.	
		SERIAL NUMBER		number	no.	
		DUTY		Cubic Metres per Minute	m3/min	
		HEIGHT		metres	m	
		MECHANICAL VENTILATION				YES/NO
		- MOTOR SIZE		kilowatt	kW	
		- MOTOR MANUFACTURER		Text	chr	
		- MOTOR MODEL		number	no.	
		- MOTOR SERIAL NUMBER		number	no.	
		ACCESSIBILITY				ACCESSTYPE
WALKWAY -- WALK	PURPOSE BUILT ABOVE GROUND AND MAINTAINED WALKWAYS THAT ARE MAINTAINED SEPARATED TO AN ASSOCIATED ASSET.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		WALKWAY TYPE				WALKWAYTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		number	no.	
		SERIAL NUMBER		number	no.	
		WALKWAY MATERIAL				CONSTRUCTEDMATERIAL
		WALKWAY SUPPORT METHOD				MOUNTING STYLE
		LOAD LIMITS				
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		OWNER/CUSTODIAN				
		CERTIFICATION EXPIRY DATE		date	date	
		LAST INSPECTED		date	date	
		ACCESSIBILITY				ACCESSTYPE

GRC Asset Type	Asset Type Description	Asset Type Attributes	Attribute	Defined Units of Measurement (If Applicable)	SI Unit	Domain List Name
WEIR -- WEIR	PURPOSE DESIGNED AND MAINTAINED ASSET FOR REGULATING FLUID FLOW WITHIN BUT MAINTAINED SEPARATE TO AN ASSOCIATED ASSET.	ASSET ID	Conquest Generated	number	no.	
		ASSET TAG NUMBER a)	P&ID Tag for New Assets , previous or existing asset number or leave blank	number	no.	
		ASSET TAG NUMBER b)	P&ID Sheet no	number	no.	
		WEIR TYPE				WEIRTYPE
		REFERENCE DRAWING	Plan that shows either GA of the asset and/or is specific detail plan			
		INSTALLATION DATE		date	date	
		DESIGN LIFE		year	no.	
		CONSTRUCTION COST		$	$	
		REPLACEMENT VALUE		$	$	
		CRITICALITY		number	no.	
		CONDITION		number	no.	
		MAINTENANCE (TYPE / STRATEGY)	Type/Strategy Key			MAINTENANCEKEY
		GPS LOCATION	GPS and GIS Spatial Position	UTM coords	no	
		ASSOCIATED ASSET		number	no.	
		MANUFACTURER		Text	chr	
		MODEL		Text	chr	
		SERIAL NUMBER		number	no.	
		WEIR MATERIAL				CONSTRUCTEDMATERIAL
		WEIR SUPPORT METHOD				MOUNTINGSTYLE
		FLOW LIMITS		Flow Range Limits	m3/Hr	
		ASSOCIATED ASSET	NA/ Asset ID where item firmed affixed to ASSET	number	no.	
		LAST CALIBRATED/CHECKED		date	date	
		ACCESSIBILITY				ACCESSTYPE

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
APPLICATIONMETHOD	FACTORY CONDITION APPLICATION	FACT
	MANUAL HAND APPLICATION	HAND
	SPRAY APPLICATION	SPRY
ACCESSCOVERTYPE	CLASS A	CL A
	CLASS B	CL B
	CLASS D	CL D
	NON TRAFFICABLE	NOTRAF
	NOT APPLICABLE	NA
ACCESSLIDMATERIAL	ALUMINIUM GRATE	ALMGRT
	ALUMINIUM PLATE	ALMPLT
	ASBESTOS CEMENT	AC
	CAST IRON	CI
	CONCRETE	CONC
	DUCTILE IRON	DI
	FIBRE REINFORCED PLASTIC	FRP
	FIBRE REINFORCED PLASTIC GRATE	FRPGRT
	FIBREGLASS	FGL
	MILD STEEL GRATE	MSGRT
	MILD STEEL PLATE	MSPLT
	OTHER	OTH
	PLASTIC	PLAS
	STAINLESS STEEL GRATE	SSGRT
	STAINLESS STEEL PLATE	SSPLT
	TIMBER	TIMB
	UNKNOWN	UKN
ACCESSTYPE	ABOVE GROUND PEDESTAL	ABVGRD
	BELOW GROUND CONFINED SPACE ENTRY	BGCONF
	CONFINED SPACE ENTRY-GROUND LEVEL	CONF
	ELEVATED CONFINED SPACE ENTRY	ELECONF
	GRC-APPROVAL REQUIRED	GRCAPP
	OTHER	OTH
	PRIVATE LAND	PRIV
	STANDARD OPERATING PROCEDURE TO FOLLOW	SOPA
	UNRESTRICTED	OPEN
ACTUATORTYPE	CLOSED GEARBOX (LOCAL)	LCLGBOX
	CLOSED GEARBOX (REMOTE)	REMGBOX
	ELECTRIC (LOCAL)	LCLELC
	ELECTRIC (REMOTE)	REMELC
	HYDRAULIC (LOCAL)	LCLHYD
	HYDRAULIC(REMOTE)	REMHYD
	LOCAL OR REMOTE	LCL
	MANUAL OPERATION	MAN
	OPEN GEARS (LOCAL)	LCLGEAR
	OPEN GEARS(REMOTE)	REMGEAR
	PNEUMATIC (LOCAL)	LCLPNU
	PNEUMATIC (REMOTE)	REMPNU
	SOLENOID (LOCAL)	LCLSOLN
	SOLENOID (REMOTE)	REMSOLN

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
AERATORTYPE	SUBMERGED- DIFFUSED AIR	SUBDIF
	SURFACE AERATOR WITH HORIZONTAL AXIS	SURHOR
	SURFACE AERATOR WITH VERTICAL AXIS	SURVET
AIRCONDITIONERTYPE	CENTRAL DUCTED	DUCT
	MULTI SPLIT SYSTEM	MSPLT
	OTHER	OTH
	PORTABLE	PORT
	SPLIT SYSTEM	SPLT
	THROUGH WINDOW / WALL	PENT
ANTENNATYPE	LOG PERIODIC	
	PARABOLIC	
	YAGI	
	OTHER	
APPLIANCETYPE	DRYER	
	FRIDGE	
	MICROWAVE	
	WASHING MACHINE	
	OTHER	
AUDIOVISUALTYPE	DATA PROJECTOR	
	ELECTRONIC WHITEBOARD	
	OVERHEAD PROJECTOR	
	WHITE BOARD	
	OTHER	
AUGERTYPE	AIR DRIVEN	AIRD
	HYDRAULICALLY DRIVEN	HYDD
	MANUAL OPERATION	MAN
	POWER DRIVEN	POWD
SAMPLERTYPE	EVENT	EVT
	PERIODIC	PERD
	PROGRAMMABLE	PROG
BATTERYCHARGERTYPE	FAST	FAST
	INDUCTIVE	INDU
	INTELLIGENT	INTL
	OTHER	OTH
	PULSE	PULZ
	SIMPLE	SIMP
	SOLAR	SUN
	TIMER-BASED	TIMR
	TRICKLE	TRIC
	USB-BASED	USB
BATTERYTYPE	FAST	FAST
	INDUCTIVE	INDU
	LEAD ACID	ACID
	LITHIUM ION	LITH
	NICKEL CADMIUM	NICD
	NICKEL IRON	NIFE
	OTHER	OTH
BEDDINGSUPPORTTYPE	ABOVE GROUND PEDESTAL	ABVGRD
	BURIED ENGINEERED DESIGN	BURSPEC
	BURIED TYPE2	BUR2
	BURIED TYPE1	BUR1
	PIPE BRIDGE	PBRID
BINHOPPERTYPE	MULTI HOPPER- AUTOMATICALLY EMPTIED	MHOPA
	MULTI-BIN, MANUALLY EMPTIED	MBINMA
	SINGLE BIN, MANUALLY EMPTIED	SBINMA
	SINGLE HOPPER- AUTOMATICALLY EMPTIED	SHOPA

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
BLOWERTYPE	AXIAL	AXL
	CENTRIFUGAL	CENTR
	POSITIVE DISPLACEMENT	POSTD
BORETYPE	ABANDONED\NO Longer in Use	ABN
	DECOMMISSIONED AND REMOVED	DECOM
	INJECTION/DISPOSAL	INJ
	MONITORING	MON
	PRODUCTION	PROD
	UNKNOWN	UKN
BUILDFUNCT	ADMINISTRATION	ADMIN
	CONTROL ROOM	CONTRM
	LABORATORY	LAB
	OPERATIONS	OPER
	OTHER	OTH
	PUMP STATION	PSTN
	STORES	STOR
CABLECOREMATERIAL	ALUMINIUM	ALM
	COPPER	CU
	GLASS FIBRE OPTIC	OPTIC
	OTHER	OTHER
CABLESEATHMATERIAL	AERIAL (SELF SUPPORTING)	SELF
	BARE	BARE
	DIRECT BURIAL	BUR
	LSZH (LOW SMOKE ZERO HALOGEN)	LSZH
	OFNP (OPTICAL FIBRE NONCONDUCTIVE PLENUM)	OFNP
	OFNR (OPTICAL FIBRE NONCONDUCTIVE RISER)	OFNR
	OTHER	OTH
	PLENUM	PLEN
	PVC	PVC
CABLEUSE	COMMUNICATION	COMMS
	INSTRUMENT SIGNAL	SIGN
	POWER	POWR
	OTHER	OTH
CAPTYPE	NONE	NONE
	LOCKED	LOCK
	SCREW	SCRW
CASINGTYPE	ABS	ABS
	FIBREGLASS	FGL
	MILD STEEL	MS
	NONE	NONE
	PVC	PVC
	STAINLESS STEEL	SS
CATHODICTYPE	IMPRESSED CURRENT	INCUR
	IMPRESSED CURRENT REMOTELY MONITORED	INCURM
	SACRIFICIAL ANODES	SACR
CENTIFUGETYPE	HYDRAULIC	HYD
	MANUAL	MAN
	MECHANICAL	MECH
CHAINFLIGHTTYPE	OTHER	OTH
	SCRAPPER	SCAPR
	SKIMMER	SKIM
	SWEEP	SWEEP

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
CLEANINGMETHOD	AIR BACKFLUSH	AIRBCK
	AUTOMATIC STEP SCREEN	STSCR
	MANUAL RAKE	RAKE
	MANUAL WASH	WASH
	OTHER	OTH
	WATER BACKFLUSH	WATBCK
CLOCKWISECLOSING	NO	NO
	NOT APPLICABLE	NA
	UNKNOWN	UKN
	YES	YES
COMPRESSORTYPE	AXIAL	AXL
	CENTRIFUGAL	CENTR
	OTHER	OTH
	RECIPROCATING	RECP
	ROTARY LOBE	RLOB
	ROTARY SCREW	RSCRW
	ROTARY VANE	RVANE
COMMSTYPE	CARD ACTIVATED	CARD
	DNP3	DNP
	ETHERNET	ETHN
	IEC 6087-5	IEC
	MODBUS	MOD
	RS 232, RS 485, RS 442	RS
	THIRD PARTY	3PT
	VOICE AND VISUAL	VOICV
	VOICE ONLY	VOIC
CONNECTION TYPE	COMMERCIAL SUPPLY	COMC
	COMMUNITY SUPPLY/RIDER MAIN	RIDR
	MULTI TENNANT	MULTI
	RESIDENTIAL SUPPLY	RES
	SEWERAGE	SEW
CONSTRUCTEDMATERIAL	ALUMINIUM	AL
	ASBESTOS CEMENT	AC
	BRICK	BRCK
	CAST IRON	CI
	CONCRETE	CON
	CONCRETE BLOCKS	CONB
	CONCRETE LINED DUCTILE IRON	DICL
	CONCRETE LINED STEEL	MSCL
	DUCTILE IRON	DI
	FIBRE REINFORCED PLASTIC	FRP
	FIBREGLASS	FG
	GALVANISED STEEL	GS
	PLASTIC LINED EARTH EMBANKMENT	PLEE
	MILD STEEL	MS
	POLYETHYLENE	PE
	POLYPROPYLENE	PP
	POLYVINYL CHLORIDE	PVC
	ROCK	ROCK
	RUBBER	RUB
	SPIRAL WELDED STEEL	SWS
	STAINLESS STEEL	SS
	TIMBER	TIMB
	UNKNOWN	UNKN
	OTHER	OTH

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
CONSTRUCTIONTYPE	PLASTIC LINED EARTH EMBANKMENT	
	POST TENSIONED TILT SLAB	
	CAST IN SITU	
	PRECAST	
	WELDED STEEL	
	BOLTED STEEL PANELS	
	POST TENSIONED TIMBER	
	OTHER	
CONTROLLERTYPE	MULTITRODE CONTROLLER	MULCONT
	PROGRAMMABLE LOGIC CONTROLLER (PLC)	PLC
CONTROLPANELFUNCTION	CONTROL PANEL	CONPA
	DISPLAY PANEL	DISPA
	MIMIC PANEL FIELD DEVICE	MIMIC
	OTHER PANEL	OTH
CONVEYORTYPE	BELT	BELT
	PARENT ASSET SYSTEM	PARENT
	PLATFORM	PLAT
	SCREW	SCRW
COUPLEMETHOD	HORIZONTAL	HORZ
	VERTICAL	VERT
COVERTYPE	CLASS A	CL A
	CLASS B	CL B
	CLASS D	CL D
	NON TRAFFICABLE	NOTRAF
CRANETYPE	CHAIN OVERHEAD	CHOVH
	DAVIT	DAV
	LIFTING JIB	JIB
	MANUAL, CHAIN-OPERATED, GANTRY	MANGANT
	MANUAL, CHAIN-OPERATED, MONORAIL	MANRAIL
	MOTORISED OVERHEAD	MOTROVH
	OTHER	OTH
DATUM	ASSUMED HEIGHT DATUM	ASS
	AUSTRALIAN HEIGHT DATUM	AHD
	NONE	NIL
	OTHER	NAME
DRAINAGETYPE	ROAD EDGE V-DRAIN	VDRN
	SUBSOIL DRAINAGE TO STORMWATER	SUBSTM
	SUBSOIL DRAINAGE TO V-DRAINS	SUBV
DRYERTYPE	MULTISTAGE	MULTI
	SINGLE STAGE WITH INTEGRAL RECEIVER VESSEL	SING
ENVELOPER TYPE	CONCRETE ENCASED	CONC
	DICL	DICL
	MSCL	MSCL
	STEEL RAIL	SLT
EMS TYPE	INSITU CAST	INSIT
	OTHER	OTH
	PRECAST	PRE

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
ENERGYTYPE	ONSITE GENERATED POWER	SITEPWR
	OTHER	OTH
	POWER/BATTERY/UPS BACKUP	BATT
	RETICULATED MAINS POWER	RETPOWR
EXPOSURE CLASS	EXTERNAL	EXT
	INTERNAL	INT
FANTYPE	AXIAL	AXL
	CENTRIFUGAL	CENTR
	OTHER	OTH
FEEDERTYPE	OTHER	OTH
	ROTARY	ROT
	SCREW	SCRW
FENCETYPE	BLOCK	BLOC
	NETTING WITH SECURITY	SEC
	OTHER	OTH
	POST AND WIRE	POST
	STEEL RAIL	STLRAL
	TIMBER	TIMB
FIREALARMTYPE	CENTRAL CONTROL UNIT	CENUNT
	HEAT SENSOR	HTSEN
	SMOKE SENSOR	SMSEN
FIRETYPE	BLANKET	BLNK
	DOUSE SPRINKLER/FLOOD	SPRINK
	FIRE EXTINGUISHER-DRY POWDER	DEXTN
	FIRE EXTINGUISHER-FLUID	FEXTN
	HOSE REEL	HREEL
	OTHER	OTH
FILTERTYPE	CARTRIDGE (CARBON)	ACARB
	MEMBRANE	MEMB
	OTHER	OTH
	REPLACEABLE MEDIA	RMEDA
FIXTURETYPE	KITCHEN	KITCH
	LABORATORY	LAB
	OTHER	OTH
	SANITARY	SANT
FITTINGTYPE	BEND	BND
	BLANK FLANGE ACCESS	BLKFL
	END CAP	ECAP
	OTHER	OTH
	PIGGING STATION	PIGST
	REDUCER	REDU
	TEE	TEE
	WYE	WYE
FUELTYPE	DIESEL	DIES
	GAS	LPG
	PETROL	PETR
GENERATORTYPE	DISPATCHED WHEN NEEDED	DISPAT
	MOBILE	MOBL
	ON-SITE	FIXD
	PARENT ASSET SYSTEM	PARENT
GRITCHAMBERTPYE	AERATED CHAMBER	AERCHAM
	HORIZONTAL	HORZ
	PARENT ASSET SYSTEM	PARENT
	VORTEX	VORT

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
GROUTINGTYPE	CEMENT GROUTED FROM SCREENS	SCRGRO
	NONE	NONE
	PRESSURE GROUTED	PREGRO
	SURFACE CASING GROUTED TO REGULATED REQUIREMENTS	SURGRO
HEATEXCHANGERTYPE	ADIABATIC WHEEL	
	DYNAMIC SCRAPED SURFACE	
	FLUID HEAT	
	PHASE-CHANGE	
	PLATE FIN	
	PLATE	
	SHELL AND TUBE	
	WASTE HEAT RECOVERY UNITS	
	OTHER	
HYDRANTTYPE	DUAL FIRE PLUG	DUAL
	OFFTAKE	OFF
	SINGLE FIRE PLUG	SING
	SPRING	SPRG
	UNDERGROUND	UNDG
HVACTYPE	AIR CONDITIONING	ACC
	HEATING	HEAT
	VENTILATION	VENT
IMPELLERTYPE	ARCHIMEDEAN SCREW	ARCSCRW
	DOUBLE ENCLOSED	DBLENL
	NOT APPLICABLE	NA
	OPEN	OPEN
	OTHER	OTH
	SEMI-OPEN	SOPEN
	SINGLE ENCLOSED	SINGENL
	VORTEX	VORT
INJECTORTYPE	BAYONET INSERTION	BAYN
	NIPPLE	NIPL
INSTALLATION	BURIED UNDERGROUND	UGRND
	COVER AT GROUND LEVEL (+/- 1 m)	SHAL
	ELEVATED	ELEV
	FIXED TO STRUCTURE	FIX
	FLOOR AT GROUND LEVEL (+/- 1 m)	FLOOR
	OTHER	OTH
	PARTIAL IN GROUND	PART
	PORTABLE	MOBL
INSTRUMENTTYPE	ANALYSER	ANAL
	ANALYSER / INDICATOR	ANAIND
	ANALYSER / INDICATOR / TRANSMITTER	ANAINDTRAN
	ANALYSER / TRANSMITTER	ANATRAN
	CONTROLLER	CONTR
	CONTROLLER / LIMITER	CONTRLIM
	ELEMENT (SENSOR)	SENS
	INDICATOR	INDC
	INDICATOR / TRANSMITTER	INDTRAN
	LIMITER	LIM
	OTHER	OTHER
	SWITCH	SWT
	TRANSMITTER	TRAN

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
INTERNALMEDIA	AIR	AIR
	ALUMINIUM SULPHATE	ALS
	CLEAN WATER	WAT
	EFFLUENT	EFF
	FLUORIDE	FLUOR
	LIME	LIME
	NONE	NONE
	OTHER	OTH
	POLYMER	POLY
	POTASSIUM PERMANGANATE	KM
	RAW SEWAGE	SEWR
	RAW SLUDGE	SLDG
	RAW WATER	RWAT
	SODIUM ALUMINATE	NAAL
	SODIUM HYPOCHLORITE	NACL
	STORMWATER	STRM
	UNKNOWN	UKN
IRRIGATIONTYPE	NONE	NONE
	POTABLE MANUAL	PMAN
	RECLAIMED MANUAL	RMAN
	POTABLE AUTOMATED	PAUTO
	RECLAIMED AUTOMATED	RAUTO
	OUTSOURCED	OUTS
JUNCTIONBOXTYPE	COMMUNICATIONS	
	ELECTRICAL	
	HYDRAULIC	
	INSTRUMENTATION	
	PNEUMATIC	
	OTHER	
KEYLEVEL	DIGITAL	DIG
	LEVEL X	LX
	MASTER	MASTER
	NONE	NONE
LABORATORYEQUIPMENTTYPE	CHLORINE ANALYSER	
	MEASURING SCALE	
	MICROSCOPE	
	PH METER	
	SPECTROPHOTOMETER	
	OTHER	
LADDERTYPE	>45 DEGREE WITH HANDRAIL	G45H
	>45 DEGREE WITH HANDRAIL AND FALL PROTECTION	G45HF
	INCLINED <45 DEGREE WITH HANDRAIL	L45H
	INCLINED <45 DEGREE WITH HANDRAIL AND FALL PROTECTION	L45HF
	NON-FIXED	PORT
	OTHER	OTH
LANDSCAPETYPE	FLOWER GARDEN	FLWR
	HEDGE	HEDG
	LAWN	LWN
	OTHER	OTH
	TREES	TRE
LIGHTTYPE	EMERGENCY	EM
	EXTERNAL	EXT
	INTERNAL	INT
	OTHER	OTH
	REGULATORY TYPE	REG

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
LINERTYPE	CLAY	CLAY
	HDPE FULLY LINED	HDPE
	HYPALON	HYPA
	PLASTIC	PLAS
	PVC	PVC
MAINTENANCEKEY	GRC CYCLIC/PREVENTATIVE PROGRAM	CYCPM
	EXTERNAL PROVIDER CYCLIC/PREVENTATIVE PROGRAM	EXT
	NOT MAINTAINED	NIL
	REPAIR ON FAILURE	ROF
	RUN TO FAIL and RENEW	RTF
MANHOLEDROPTYPE	EXTERNAL DROP	EXTD
	INTERNAL DROP	IND
	STRAIGHT THROUGH	THRU
MANHOLETYPE	OTHER INFRASTRUCTURE ACCESS	INFR
	STORMWATER	STRM
	WASTEWATER	WWAT
MEASUREMENTMETHOD	CONDUCTIVE	COND
	DIAPHRAGM (MECHANICAL)	MECH
	DOPPLER	DOPP
	ELECTROMAGNETIC	ELMAG
	GALVANIC CELL	GLVCELL
	HYDRAULIC	HYDRA
	HYDROSTATIC	HYDRO
	INFRA RED	INFRED
	LIGHT INTENSITY	LGHTIN
	LUMINESCENT	LUM
	OPTICAL	OPT
	PNEUMATIC	PNEU
	PRESSURE GAUGE	PRSGA
	RADAR (MICROWAVE)	RADAR
	RADIO FREQUENCY (RF)	RF
	ROTAMETER	ROTA
	SITE GLASS	GLASS
	THERMAL MASS	THMASS
	ULTRASONIC	ULSON
	VIBRATING FORKS	VIBF
	OTHER	OTH

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
MEASUREMENTTYPE	AMMONIA	AMM
	CONDUCTIVITY	COND
	CURRENT	CURR
	DENSITY	DENS
	DIFFERENTIAL PRESSURE	DIFPRES
	DISSOLVED OXYGEN	DO
	ELECTRICITY	ELEC
	FLOW	FLOW
	FREE CHLORINE	FCHLO
	FREQUENCY	FREQ
	HUMIDITY	HUMD
	HYDROGEN SULPHIDE	H2S
	LEVEL	LVL
	MOISTURE	MOIST
	MONOCHLORAMINE	NH2CL
	MOTION	MOT
	NITRATE	NO3
	NITRITE	NO2
	OXIDATION REDUCTION POTENTIAL	ORP
	PH	PH
	PHOSPHOROUS	PHOS
	POWER	POWER
	PRESSURE	PRES
	RADIATION	RAD
	SILT DENSITY INDEX	SDI
	SPECIFIC GRAVITY	SG
	SPEED	SPEED
	SUSPENDED SOLIDS	SS
	TEMPERATURE	TEMP
	TORQUE	TORQ
	TOTAL CHLORINE	TC
	TOTAL ORGANIC CARBON	TOC
	TURBIDITY	TURB
	UV INTENSITY	UVIN
	UV IRRADIANCE	UVIRR
	UV WAVELENGTH	UVWAVE
	VACUUM	VAC
	VIBRATION	VIB
	VISCOSITY	VIS
	VOLTS	VOLT
	VOLUME	VOL
	WEIGHT	WGHT
	OTHER	OTH
MEDIATYPE	SAND/GRAVEL	SAND
	RESIN	RESIN
	NANO MEMBRANE	MEMB

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
METERTYPE	COMBINATION	COMB
	ELECTROMAGNETIC	ELECT
	FLUME	FLUME
	HELICAL VANE	HELVAN
	MULTI JET	MJET
	OTHER	OTH
	SINGLE JET	SJET
	ULTRASONIC	ULTR
	VOLUMETRIC	VOL
METERUSETYPE	BULK	BLK
	FIRE	FIRE
	INDUSTRIAL/COMMERCIAL	IND
	LEAK MANAGEMENT	LEAK
	OTHER	OTH
	PROCESS	PROS
	REPLACED/REMOVED	REM
	RESIDENTIAL	RES
	SOURCE	SOUR
	SUBMETER	SUBM
SUBMETERTYPE	MASTER	MAST
	SUBORDINATE	SUBR
MIXERTYPE	AGITATOR	AGT
	PADDLE	PADL
	PROPELLER	PROP
	PARENT ASSET SYSTEM	PARENT
	STATIC	STAT
MOTORPHASE	1	1
	3	3
MOTORPOLES	2	2
	4	4
	6	6
	8	8
MOTORSTARTMETHOD	AUTO-TRANSFORMER	AUTO
	DIRECT ON LINE	DOL
	INTELLIGENT	INTL
	SOFT STARTER	SFTST
	VARIABLE SPEED	VAR
MOTORTYPE	AC	AC
	BRUSHED DC SERVO	DCSERV
	BRUSHLESS AC SERVO	ACSERV
	BRUSHLESS DC	DC-BSH
	DC	DC
	LINEAR	LIN
	SERVO	SERV
MOUNTINGSTYLE	BOLT-ON	BOLT
	DIN RAIL MOUNTED	DIN
	DRAWOUT MOUNT	DRAW
	FIXED MOUNT	FIX
	OTHER	OTH
	PLUG-IN	PLUG

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
NOMDIAMETER	15	15
	20	20
	25	25
	32	32
	40	40
	50	50
	75	75
	80	80
	100	100
	125	125
	150	150
	200	200
	225	225
	250	250
	300	300
	350	350
	375	375
	400	400
	450	450
	500	500
	600	600
	700	700
	750	750
	800	800
	900	900
	1000	1000
	1050	1050
	1200	1200
	1350	1350
	1500	1500
NODETYPE	FITTING	FITT
	GIS/GPS POSITION	GGPS
	JUNCTION	JUNC
	VALVE PIT	PIT
	VALVE	VAL
ODOURCONTROLTYPE	ACTIVATED CARBON SYSTEM	ACARB
	BIOFILTER BED	BIOLF
	BIOSCRUBBER	BIOSRB
	CHEMICAL SCRUBBER	CHMSRB
	FLUIDISED BED SCRUBBER	FLUSRB
	PACKED TOWER	TOWR
	PLATE OR TRAY TOWER	PTOWR
	SPRAY TOWER	SPTOWR
	VENTURI SCRUBBER	VENSRB
OUTLET/INLET/OVERFLOWTYPE	FLOOR	FLR
	FLOOR WITH VORTEX PLATE	FLRVOR
	SIDE	SIDE
	SUMP	SUMP
	TOP ENTRY CASCADE	TOPCAS
	TOP ENTRY CONDUCTOR	TOPCON
OUTPUTCONTROLTYPE	ACTUATED MANUALLY	ACTU
	DIGITAL/SENSOR CONTROL	AUTO
	MANUAL CONTROL VALVE/LEVER	MAN

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
OWNERTYPE	PROPERTY	
	WORKS OPERATION	
	WORKS CONSTRUCTION	
	WATER AND SEWERAGE	
	SPORT AND RECREATION	
	SUSTAINABILITY AND WASTE SERVICES	
	ENVIRONMENTAL HEALTH AND COMPLIANCE	
	PARKS AND CONSERVATION	
	AIRPORT	
	OTHER	
PENSTOCKTYPE	BY-PASS	
	EQUALIZER	
	INLET	
	OUTLET	
	REGULATING	
	WASHOUT	
	OTHER	
PIPEJOINTTYPE	BUTT JOINT WELDED	BUTW
	ELECTROFUSION WELDED	EFUS
	FLANGED	FLG
	RUBBER RING JOINTED (RRJ)	RRJ
	SPHERICAL SOCKET JOINTED (SSJ)	SSJ
	WELD COLLAR JOINTED	COL
	WELDED SSJ	WLD
PIPEMATERIAL	ALKATHENE	ALK
	ASBESTOS CEMENT (AC)	AC
	BRASS	BRS
	CAST IRON (CI)	CI
	CONCRETE (CONC)	CONC
	CONCRETE LINED CAST IRON (CICL)	CICL
	CONCRETE LINED DUCTILE IRON (DICL)	DICL
	CONCRETE LINED MILD STEEL (MSCL)	MSCL
	DRAIN COIL	DRN
	DUCTILE IRON (DI)	DI
	FIBRE REINFORCED CONCRETE (FRC)	FRC
	FIBRE REINFORCED PLASTIC (FRP)	FRP
	FIBREGLASS	FGL
	GALVANISED IRON	GAV
	GLASS REINFORCED PLASTIC (GRP)	GRP
	M-POLYVINYL CHLORIDE (mPVC)	MPVC
	MILD STEEL (MS)	MS
	O-POLYVINYL CHLORIDE (oPVC)	OPVC
	OTHER	OTH
	POLYETHYLENE HD (HDPE)	HDPE
	POLYETHYLENE MD (MDPE)	MDPE
	POLYPROPYLENE	PLYP
	POLYVINYL CHLORIDE (PVC)	PVC
	SPIRAL WELDED STEEL	WSTL
	STAINLESS STEEL (SS)	SS
	STEEL	STL
	UNKNOWN	UKN
	U-POLYVINYL CHLORIDE (uPVC)	UPVC
	VITRIFIED CLAY (VC)	VC

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
PIPETYPE	BULK RECYCLED WATER	BLKREC
	BULK WATER	BLK
	BY-PASS	BYPA
	COMPRESSED AIR	CAIR
	DISTRIBUTION RECYCLED WATER	DISREC
	DISTRIBUTION WATER	DISWAT
	EDUCTOR	EDUCT
	HOUSE DRAIN	HDRN
	OVERFLOW	OVR
	PRESSURE MANIFOLD	PMANI
	PROCESS FLOW	PROWAT
	SCOUR	SCOUR
	SERVICE CONNECTION	SCONN
	TRUNK RECYCLED WATER	TREC
	TRUNK WATER	TWAT
	UNDERDRAIN	DRAIN
	VACUUM MANIFOLD	VMANI
PIPEPRESSURECLASS	AS4087 PN 16	16
	AS4087 PN20	20
	AS4087 PN25	25
	AS4087 PN35	35
	OTHER (STATE MAP RATING)	N
	UNKNOWN	UKN
PONDTYPE	EARTHERN EMBANKMENT , NO LINER	EMBK
	EARTHERN EMBANKMENT WITH CAY LINER	EMBKCL
	GEOFABRIC LINED	FABR
	HDPE FULLY LINED	HDPE
	OTHER	OTH
PLCTYPE	MANUAL DOWNLOAD	MAN
	OTHER	OTH
	RTU/TELEMETRY LINKED	TELE
PRESSTYPE	BELT	BLT
	HYDRAULIC	HYD
	PARENT ASSET SYSTEM	PARENT
	VACUUM	VAC
PROTECTIONTYPE	CATHODIC PROTECTION	CATHP
	EPOXY	EXPX
	FUSION BONDED EPOXY	FEXPX
	GALVANISED	GALV
	NONE	NONE
	OTHER	OTH
	PAINTED	PNT
	TAPE WRAP	TAPW
	UNKNOWN	UKN
PUMPTYPE	CENTRIFUGAL	CENTR
	DIAPHRAGM	DIAP
	DRY MOUNT	DRYMT
	PACKAGE SYSTEM	PACK
	PISTON	PIST
	POSITIVE DISPLACEMENT/PERISTALTIC	PDA
	PROGRESSIVE CAVITY	PROCAV
	PROPELLER	PROP
	SCREW	SCRW
	SELF PRIMING	SPRIM
	SUBMERSIBLE	SUB
RADIOTYPE	ANALOG AM	AM
	DIGITAL UHF	UHF
	OTHER	OTH

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
ROADSURFACE	ASPHALT	ASP
	BITUMASTIC CHIPSEAL	BIT
	BLOCK PAVERS	PAV
	CONCRETE	CONC
	GRAVEL	GVL
	NONE	NONE
SAFETYEQUIPMENTTYPE	EYE WASH	EYE
	EYE WASH/SHOWER COMBINATION	ESCOM
	FALL PROTECTION MECHANISM	FALL
	GAS DETECTOR	GAS
	GRATING	GRT
	HAND RAIL	HRAIL
	HARNESS	HARN
	LIGHTING	LIGT
	SAFETY CHAIN	CHN
	Self Contained Breathing Apparatus Hooker System	HOOK
	Self Contained Breathing Apparatus MASK	SCBA
	SHOWER	SHW
SCALETYPE	DIGITAL DIFFERENCE	DIG
	SPRING	SPR
SCREENS	BAR	BAR
	DRUM	DRM
	INCLINED DISC	IDSC
	MESH	MSH
	STEP	STP
	WIRE-WOUND, STEEL CAGE WELDED	WIRE
SEWERTYPE	COMBINED RISING SEWER	CRSEW
	LOW PRESSURE SEWER	LPSEW
	PROCESS FLOW	PROWAT
	SCOUR	SCOUR
	SERVICE CONNECTION	SCONN
	SEWER GRAVITY	GSEW
	SEWER RISING	RSEW
	TRUNK RECYCLED WATER	TREC
SHAPETYPE	ARCH	ARC
	CIRCULAR	CIR
	IRREGULAR	IRR
	RECTANGULAR	RECT
	SQUARE	SQR
	TRAPEZOIDAL	TRAZ
	UNKNOWN	UKN
	VARIABLE	VAR
SOILTYPE	LOAMY/SAND	LOAM
	CLAYEY SAND	CLSAND
	CLAY	CLAY
	REACTIVE CLAYS	REACLAY

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
SOFTWARETYPE	COMMUNICATIONS DRIVERS	COMM
	OFFICE / PC / BUSINESS	LCL
	PLC	PLC
	SCADA (HMI)	SCDA
STRUCTURETYPE	AQUEDUCT	AQUA
	BASIN	BASN
	BRIDGE	BRID
	CABLEWAY	CABWAY
	CHAMBER	CHAM
	CLARIFIER	CLAR
	COLUMNS	CLMS
	CONCRETE STOP	CONSTOP
	DAM	DAM
	DRY WELL	DWEL
	FOUNDATION	FTDN
	FLOW CONTROL	FSPLT
	HEADWALL	HDWL
	OTHER	OTH
	EROSION PROTECTION (RIP RAP)	ERPR
	PIERS	PIER
	PIT	PIT
	PLATFORM	PLAT
	POLE	POLE
	ROOF	ROOF
	SHELL	SHEL
	SILO	SILO
	SUBMARINE CROSSING	SUBM
	SURCHARGE	SURC
	THICKENER	THCK
	TOWER	TOWR
	TROUGH	TROU
	TUNNEL	TUNL
	UNDER BORE DIRECTIONALLY DRILLED	UNDBR
	WEIR	WEIR
	WET WELL	WWEL
SUBGRADETPYE	CBR 2	CB2
	CBR 3	CB2
	CBR5	CB5
	NONE	NONE
SURROUNDTYPE	DESIGNED FILTER PACK	FILT
	GRAVEL/SANDS DEVELOPED INSITU	ISIT
	INTRODUCED GRAVEL	GRVL
	NONE	NONE

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
SECRUITYSYSTEMTYPE	ALARM ONLY	ALM
	ALARM AND CAMERA	ALMCAM
	BACK TO CENTRAL BASE	BKBAS
	OTHER	OTH
TANKTYPE	BIN	BIN
	CONTACT CHAMBER	CLCH
	FUEL TANK BUNDED	FTBUN
	FUEL TANK UNBUNDED	FT
	HOLDING	HOLD
	HOPPER	HOPP
	OTHER	OTH
	PRESSURE CELL	PCEL
	SUMP	SMP
	SURGE	SURG
TELEMETRYTYPE	CITEC	CIT
	CLEARSCADA	CLR
	MIRRI	MIRR
TRANSFORMERTYPE	AIR CORE	AIR
	IRON CORE	IRON
	OIL CORE	OIL
	OTHER	OTH
TRAVELMECHANISM	FIXED	FIX
	MANUALLY PROGRESSED AT GROUNDLEVEL	MANN
	MOTORISED AT GROUNDLEVEL	MOTR
	RAIL/CHAIN	RAIL
TRIPUNITTYPE	ELECTRONIC UNIT	
	MAGNETIC CIRCUIT BREAKERS	
	MAGNETIC-HYDRAULIC CIRCUIT BREAKERS	
	THERMAL OVERCURRENT CIRCUIT BREAKER	
	THERMAL MAGNETIC CIRCUIT BREAKER	
	OTHER	
VALVEACTUATION	ACTUATOR	ACUT
	BARE SHAFT	BSHFT
	HYDRAULIC PILOT	HYD
	MANUAL	MAN
	OTHER	OTH
	SOLENOID	SOLN

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
VALVEFUNCTION	AIR RELEASE	AIRR
	ALTITUDE CONTROL	ALT
	BACKFLOW PREVENTION	BKFLO
	BOUNDARY	BOUN
	BYPASS	BYPA
	CHECK	CHK
	COMBINATION AIR / VACUUM RELEASE	COMR
	FLOW CONTROL	FCONT
	ISOLATION	ISO
	PRESSURE REDUCTION	PR
	PRESSURE RELIEF	PRV
	PRESSURE SUSTAINING	PSV
	SCOUR	SCOUR
	VACUUM RELEASE	VACR
VALVEMATERIAL	ALLOY	ALLY
	BRASS	BRS
	CAST IRON	CI
	OTHER	OTH
	STAINLESS STEEL	SS
	STEEL	STL
	U- POLYVINYL CHLORIDE	UPVC
	UNKNOWN	UKN
VALVENONRETURNTYPE	BALL CHECK	BALL
	BALL-AND-CONE CHECK	BALLCON
	DIAPHRAGM CHECK	DIAF
	DOUBLE BALL CHECK	2BALL
	DOUBLE CHECK	2CHK
	DUCKBILL	DUCK
	LIFT CHECK	LFTCHK
	OTHER	OTH
	REGISTERED AIR GAP	AIRGAP
	RPZ (REDUCED PRESSURE ZONE)	RPZ
	STOP CHECK	STCHK
	SWING CHECK (DOUBLE GATE)	2SWGCHK
	SWING CHECK (SINGLE GATE)	SWGCHK
	TESTABLE DOUBLE CHECK	TSTCHK
	UNKNOWN	UKN
	WAFER CHECK	WAFCHK

DOMAIN LIST NAME	DOMAIN VALUES	DOMAIN ABBREVIATION
VALVESTATUS	MODULATING	MODU
	NORMALLY CLOSED	CLOS
	NORMALLY OPEN	OPEN
	OPERATOR SET	SET
VALVETYPE	ACTUATED VALVE	ACUT
	AIR RELEASE	AV
	BACKFLOW PREVENTION	BV
	BALL	BALL
	BUTTERFLY	BUTFY
	CHOKE	CHOK
	DIAPHRAGM	DIA
	GATE	GV
	GLOBE	GLOB
	KNIFE GATE	KNIF
	NEEDLE	NEED
	NON RETURN	NRV
	OTHER	OTH
	PINCH	PINC
	PISTON	PIST
	PLUG	PLUG
	SELF REGULATED	REG
	SLEEVE	SLEV
	SLUICE	SLUC
	STOP BOARDS	SBRD
	UNKNOWN	UKN
VENTTYPE	ODOUR	ODOUR
	OH&S FORCED AIR	OHS
	OTHER	OTH
VOLTAGE	12 VOLT DC	12DC
	24 VOLT DC	24DC
	HV	HV
	LV 240	LV240
	LV 415	LV415
	OTHER DC	OTHDC
WALKWAYTYPE	ELEVATED	ELV
	OTHER	OTH
	SUSPENDED	SUSP
WEIRTYPE	BROAD CREST	BCRST
	V-NOTCH	VNOT
YES/NO	NO	NO
	YES	YES