



Parkville Water and Sewer Upgrades - Tag and Loop Conventions

Tag and loop conventions shall be implemented as outlined in the following tables. Consisting of 3 or 4 identifiers separated by underscores:

1. Prefix
2. Site Identifier
3. Tag Number
4. Suffix (if applicable)

Prefix	_	Site Identifier	_	Tag Number	_	Suffix (If applicable)
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Category	Description	Prefix
Device Type	Flow	FT
	Pressure	PT
	Temperature	TT
	Level	LT
	Chlorine	CIT
	Conductivity	CdT
	Voltage	VT
	Flow Control Valve	FCV
	Pressure Control Valve	PCV
	Temperature Control Valve	TCV
	Level Control Valve	LCV
	Hand Control Valve	HCV
	Level Switch (Low)	LSL
	Level Switch (High)	LSH
	Valve Closed Limit	ZSC
	Valve Open Limit	ZSO
	Communication Status	CS
	Power Status	PS
	Generator Status	GS
	Misc. Discrete Input	XI
	Drive/VFD	DR
	Shutoff Valve	SV
	Battery	BAT
	Door Switch	DS
	Pushbutton	PB

Category	Description	Identifier
Area Code	Arrowsmith Dam	10
	Springwood Pump Station	20
	Springwood Booster Station	21
	Springwood Reservoir	22
	Springwood Well 1	30
	Springwood Well 3	31
	Springwood Well 5	32
	Springwood Well 6	33
	Springwood Well 7	34
	Springwood Well 8	35
	Springwood Well 10	36
	Springwood Well 11	37
	Railway Well 1	41
	Railway Well 2	42
	Railway Well 3	43
	Railway Well 4	44
	Railway Well 5	45
	Railway Well 6	46
	Railway Well 7	47
	Railway Well 8	48
	Top Bridge	50
	Craig Bay	60
	Martindale	70

Category	Description	Identifier
Tag Number	Motors	100–199
	On/Off Valves	200–299
	Device Status	300–399
	Analog Loops	500–599

Category	Description	Suffix
Discrete Suffixes	Start Command	ST
	Stop Command	SP
	Run Status	RN
	Fault (Generic)	FLT#
	Status (Generic)	STS#
	Open Command	OP
	Close Command	CL
	Alarm	ALM
Analog Suffixes	Alarm High	ALMHi
	Alarm Low	ALMLo
	Raw Value	RAW
	Scaled Value	SCLD
	Totalized Value	TTL

Examples:

Arrowsmith Main Flow Raw – FT_10_500_RAW
Arrowsmith Main Pressure Scaled – PT_10_501_SCLD
Arrowsmith Bypass Valve Raw– HCV_10_502_RAW
Arrowsmith Valve Chamber Float – LSH_10_300
Arrowsmith Intruder Alarm – XI_10_900_ALM
Springwood Well 8 Pump Start Command – DR_35_500_ST
Springwood Well 8 Pump Stop Command – DR_35_500_SP