

Watershed Equipment Data Collection

Document Number AM2775

Contents

1.	FACILITY BASIC INFORMATION.....	3
2.	MECHANICAL & MOTOR.....	4
2.1	Generator.....	4
2.2	Pump Starter.....	4
2.3	Motor.....	5
2.4	Transfer Pump.....	6
2.5	Sump Pump.....	7
2.6	Dosing Pump.....	7
3.	VALVES.....	9
4.	INSTRUMENTATION & MONITORING.....	11
4.1	Power Monitor.....	11
4.2	Level Analogue.....	11
4.3	Level Switch.....	12
4.4	Pressure Analogue.....	12
4.5	Pressure Switch.....	13
4.6	Level or Pressure Indicator.....	13
4.7	Flow Analogue.....	14
4.8	Flow Switch.....	15
4.9	Analyser.....	15
4.10	CCTV Camera.....	16
5.	ELECTRICAL.....	17
5.1	Switchboard.....	17
5.2	Switchboard Generator Connection.....	17
5.3	Isolators and Circuit Breakers.....	17
5.4	Harmonic Filter.....	18
5.5	Surge Diverters.....	18
5.6	DC Power Supply.....	19
5.7	DC UPS (DC to DC).....	19
5.8	Inverter UPS (AC).....	20
6.	CONTROL, PROTECTION & COMMUNICATIONS.....	21
6.1	Pump Monitoring Relay.....	21
6.2	Relay.....	21
6.3	PLC.....	21
6.4	High Level Pump Controller.....	22
6.5	RTU.....	22
6.6	Operator Interface.....	23
6.7	Radio / Modem.....	24

6.8	Antenna.....	24
6.9	Loop Isolator / Signal Converter	25
7.	STRUCTURES & BUILDINGS	26
7.1	Building	26
7.2	Equipment Pit / Dry Well.....	26
7.3	Detention Tank.....	27
7.4	Pump Wet Well	27
7.5	Access Equipment.....	28
8.	FACILITY ANCILLARY EQUIPMENT	30
8.1	Air Treatment System.....	30
8.2	Fans	30
8.3	Vent Stack.....	31
8.4	Heaters	32
8.5	Back Flow Prevention Device	32
8.6	Hose Reel	32
8.7	Wet Well Mixer	33
8.8	Wet Well Washer.....	34
8.9	Lifting Equipment.....	34
9.	PRESSURE MAINS	36
9.1	Pressure Main	36
9.2	Pressure Main Eduction Point	36
10.	OEM / NON-STANDARD EQUIPMENT	37

1. FACILITY BASIC INFORMATION

Attribute / Data Requirement	As Constructed Information
Facility Type (i.e.: SPS, WPS, WTP)	
Facility Name	
Facility Code (i.e.: SPSXXX)	
Street Number	
Street Name	
Locality (suburb)	
Postcode	
Melways ref	
Municipality	
Address Notes (additional info to locate)	
Facility Structure (kerbside type, building etc.)	
Chemical Hazard onsite	Yes / No
BAL Rating (Bush Fire Attack Level)	
Other Significant Hazards	
Data Collection by	
Facility Constructed by (i.e.: Contractor)	
Date Submitted	

2. MECHANICAL & MOTOR

2.1 Generator

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Type (i.e.: VSD, Soft Starter, Contactors)	
Plant Area Location (e.g.: inlet works)	
Designation (no.1, no. 2)	
Make	
Model	
Serial Number	
Height x Width x Depth (mm)	
Voltage Rating (AC volts)	
Current Rating (Amps)	
kW Rating	
Data output used (Modbus / Ethernet)	
Wired inputs used (input IO)	
Wired outputs used (output IO)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

2.2 Pump Starter

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Type (i.e.: VSD, Soft Starter, Contactors)	
Plant Area Location (e.g.: inlet works)	
Designation (no.1, no. 2)	
Make	
Model	
Serial Number	
Height x Width x Depth (mm)	
Voltage Rating (AC volts)	

Current Rating (Amps)	
kW Rating	
Data output used (Modbus / Ethernet)	
Wired inputs used (input IO)	
Wired outputs used (output IO)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

2.3 Motor

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Coupling (close coupled, rigid drive, flexible drive)	
Designation (no.1, no. 2)	
Make	
Model	
Serial Number	
Starter's Equipment ID	
kW Rating	
Motor Speed (RPM)	
Type (AC, DC)	
Voltage Rating (AC volts)	
Full Load Current Rating (Amps)	
Running Load Current (Amps)	
Motor Protection (RTD, thermistor, moisture ingress etc.)	
Weight (kg)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

2.4 Transfer Pump

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type (submersible, end suction, positive displacement etc.)	
Coupling (integrated with mechanicals, close coupled, flexible drive)	
Designation (no.1, no. 2)	
Make	
Model	
Serial Number	
Weight (kg)	
Outlet Connection Flange Size (mm)	
Motor's Equipment ID (if separate)	
kW Rating	
Motor Speed (RPM)	
Voltage Rating (V)	
Full Load Current Rating (Amps)	
Running Load Current (Amps)	
Motor Protection (RTD, thermistor, moisture ingress etc.)	
Duty Head (m)	
Duty Flow (l/s)	
Shut Head (m at 0 l/s)	
Q max (flow at end of curve)	
Impeller Type	
Impeller Manufacturer Code	
Impeller Diameter (mm)	
Wear Ring Imp Part no	
Wear Ring Bowl Part no	
Oil Type	
Flushing Valve Present	
Pump Reversal Functionality	
Pump Reversal Programmed	
Pump Efficiency Test Result	
Pump Efficiency Test Date	
Other	
Name plate photo (insert below):	Installation photo (insert below):

<i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	<i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>
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2.5 Sump Pump

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant area location (e.g.: valve gallery)	
Type (submersible, end suction, positive displacement etc.)	
Make	
Model	
Serial Number	
kW Rating	
Motor Speed (RPM)	
Voltage Rating (AC volts)	
Full Load Current Rating (Amps)	
Duty Head (m)	
Duty Flow (l/s)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

2.6 Dosing Pump

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Chemical	
UN Number	
Placard Present	
Designation (no.1, no. 2)	
Make	
Model	
Serial Number	
kW Rating	

Motor Speed (RPM)	
Voltage Rating (AC volts)	
Full Load Current Rating (Amps)	
Dosing Rate (l/s)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

3. VALVES

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works, MH number, SPS number)	
Type (Isolation, NRV, PRV, Air etc.)	
Gate Type (ball, flap, knife, penstock resilient seated wedge, metal seated wedge, butterfly)	
Designation (pump 1, pump 2)	
Make	
Model	
Serial Number	
Internal Diameter (mm) / Orifice Size (if air valve) / Gate Size (if penstock)	
Flange to Flange length (mm) (if flanged)	
Flange Standard (egg: AS XXXX)	
Flange Class (egg: PN16, class D)	
Actuated (Y / N)	
If Actuated Valve , provide the following additional information:	
Actuator Type (Pneumatic / Electric)	
Actuator Make	
Actuator Model	
Actuator Serial Number	
Actuator Power Supply (AC / DC and Voltage)	
Configuration File Available (Y/N)	
If Isolation Valve , provide the following additional information:	
Valve Closing Direction	
If Gearbox Fitted , provide the following additional information:	
Gearbox Type	
Gearbox Make	
Gearbox Model	
Gearbox Serial Number	
If Pilot Valve Fitted , provide the following additional information:	
Make	
Model	
Serial Number	

Internal Diameter (mm)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

4. INSTRUMENTATION & MONITORING

4.1 Power Monitor

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type (din mounted, door mounted)	
Make	
Model	
Serial Number	
Signal Type (Modbus, Ethernet, RS-x)	
Voltage Rating & No. Phases	
Current Range	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

4.2 Level Analogue

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type (hydrostatic, radar, ultrasonic)	
Transducer location (e.g.: Tank / Well / MH)	
Transmitter location (adjacent to transducer, switchboard, control room)	
Signal Type (4-20mA, Hart, Modbus)	
Make	
Model	
Serial Number	
Measurement Units	
Calibration Range	
Instrument Span	
Datum Level (meters AHD)	
Other	
Name plate photo (insert below):	Installation photo (insert below):

<i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	<i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>
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4.3 Level Switch

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Location (egg: Tank / Well / MH)	
Type (float, vibrating folk, probe)	
Process Fitting & Size (BSP, NPT, Flange)	
Make	
Model	
Serial Number	
Approx. mounting RL (meters AHD)	
Make / Break on Rise	
Make / Break on Fall	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

4.4 Pressure Analogue

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Transducer location (e.g.: pipe / vessel)	
Transmitter location (adjacent to transducer, switchboard, control room)	
Signal Type (4-20mA, Hart, Modbus)	
Make	
Model	
Serial Number	
Measurement Units	
Calibration Range	

Instrument Span	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

4.5 Pressure Switch

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Location (e.g.: pipe / vessel)	
Make	
Model	
Serial Number	
Set point (value & unit)	
Dead band	
Make / Break on Rise	
Make / Break on Fall	
Range	
Measurement Units	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

4.6 Level or Pressure Indicator

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Indicator location (e.g.: pipe / vessel)	
Type (level / pressure)	
Make	
Model	
Serial Number	

Process Fitting & Size (BSP, NPT, Flange)	
Mounting (pipe, wall, cabinet face)	
Measurement Units	
Operating Range	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

4.7 Flow Analogue

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type (mechanical, ultrasonic, magflow)	
Diameter (mm)	
Transducer location (e.g.: pipe, pump outlet, inlet)	
Transmitter location (adjacent to transducer, switchboard, control room)	
Signal Type (4-20mA, Hart, Modbus, Pulse)	
Voltage Rating (DC volts)	
Make	
Model	
Serial Number	
Pipe size (DN)	
Measurement Units	
Calibration Range	
Instrument Span	
Calibration report provided (Y / N)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

4.8 Flow Switch

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Location incl. plant area: (submersed, building, external)	
Type (probe, paddle)	
Make	
Model	
Serial Number	
Set point (value & unit)	
Dead band	
Make / Break on Rise	
Make / Break on Fall	
Range	
Measurement Units	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

4.9 Analyser

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Instrument Type (EC, pH, Turbidity, Chlorine residual, Rain gauge)	
Plant Area Location (e.g.: inlet works)	
Transducer Location (e.g.: pipe / vessel)	
Transmitter location (adjacent to transducer, switchboard, control room)	
Signal Type (4-20mA, Hart, Modbus)	
Make	
Model	
Serial Number	
Measurement Units	
Calibration Range	
Instrument Span	

Other	
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4.10 CCTV Camera

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Make	
Model	
Serial Number	
IP Address	
SD Card	
PTZ	
PoE Make	
PoE Size (Watts)	
PoE Serial Number	
PoE Date Installed	
Lightning Protection	
Camera Function	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

5. ELECTRICAL

5.1 Switchboard

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Ventilation-Cooling (natural, forced, AC)	
Construction Material	
Mounting (floor, wall, exterior slab)	
Form (1, 2a, 2b, 3a, 3b etc.)	
Construction method (prefab, custom)	
Power Distribution Company	
National Meter ID (NMI)	
CT size	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

5.2 Switchboard Generator Connection

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Permanent generator connected (Y/N)	
Temporary generator connection (Y/N)	
Generator capacity required (full load kVA)	
Generator Plug fitted (Y/N)	
Plug Phase Rotation direction	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

5.3 Isolators and Circuit Breakers

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Circuits isolated (main supply, appliance name- e.g.: motor, blower, mixer)	
Supply Voltage & No. Phases	
Type (isolator / circuit breaker)	
Make	
Model	
Serial Number	
Current Rating (Amps)	
Current Setting (Amps)	
Fault rating (kA)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

5.4 Harmonic Filter

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type	
Make	
Model	
Serial Number	
Current Rating (Amps)	
Voltage Rating (Volts)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

5.5 Surge Diverters

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type (Diverter, filter, arrestor, protector)	
Circuits protected (PLC card, RTU)	
Mounting (DIN, wall, rack)	
Make	
Model	
Serial Number	
No. diverters	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

5.6 DC Power Supply

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Supplied circuits (PLC, RTU, instruments)	
Make	
Model	
Serial Number	
Power Rating (W)	
Voltage Range (DC volts)	
Voltage output setting (DC volts)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

5.7 DC UPS (DC to DC)

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	

Plant Area Location (e.g.: inlet works)	
Make	
Model	
Serial Number	
Power Rating (W)	
Voltage Range (DC volts)	
Voltage output setting (DC volts)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

5.8 Inverter UPS (AC)

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Supplied circuits (Computers, Network Switches, servers)	
Make	
Model	
Serial Number	
Power Rating (kVA)	
Battery capacity (Amp Hours)	
Voltage output and no. phases (AC volts)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

6. CONTROL, PROTECTION & COMMUNICATIONS

6.1 Pump Monitoring Relay

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Purpose	
Make	
Model	
Serial Number	
Voltage Rating (AC volts)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

6.2 Relay

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type (phase failure, safety)	
Make	
Model	
Serial Number	
Voltage Rating (AC volts)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

6.3 PLC

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	

Plant Area Location (e.g.: inlet works)	
Make	
CPU Module Model	
CPU Serial Number	
CPU Rack Position	
CPU Signal Type (Modbus, Ethernet, RS-x)	
Power Supply Module Model	
Power Supply Serial Number	
Power Supply Voltage (DC volts)	
Power Supply Rack Position	
<i>(repeat the above 4 rows as required for each power supply)</i>	
Type of card (Ana In, Ana Out, Dig In, Dig Out)	
Card model	
Card rack and slot	
<i>(repeat the above 3 rows as required for each card)</i>	
Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. See the photo instructions at the front of this document for how to do that. Delete this instruction)</i>	

6.4 High Level Pump Controller

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type	
Make	
Model	
Serial Number	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

6.5 RTU

Attribute / Data Requirement	As Constructed Information
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Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Application Type (local control, comms)	
Make	
CPU Module Model	
CPU Serial Number	
CPU Rack Position	
Communications Module Model	
Communications Serial Number	
Communications Rack Position	
<i>(repeat the above 3 rows as required for each comms card)</i>	
Power Supply Module Model	
Power Supply Serial Number	
Power Supply Voltage (DC volts)	
Power Supply Rack Position	
<i>(repeat the above 4 rows as required for each power supply)</i>	
Type of card (Ana In, Ana Out, Dig In, Dig Out)	
Card model	
Card rack and slot	
<i>(repeat the above 3 rows as required for each card)</i>	
Other	
Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. See the photo instructions at the front of this document for how to do that. Delete this instruction)</i>	

6.6 Operator Interface

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type (PC, HMI)	
Make	
Model	
Serial Number	
Voltage Rating (DC volts)	
Other	
Name plate photo (insert below):	Installation photo (insert below):

<i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	<i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>
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6.7 Radio / Modem

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type (modem, radio)	
Make	
Model	
Serial Number	
IMEI Number	
Voltage (DC volts)	
Interface (Serial, Ethernet)	
If radio	
Frequency (MHz)	
Band width (kHz)	
Data Rate (kbps)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

6.8 Antenna

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type	
Make	
Model	
Frequency (MHz)	
Lightning Arrestor Y/N	
Other	
Name plate photo (insert below):	Installation photo (insert below):

<i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	<i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>
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6.9 Loop Isolator / Signal Converter

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Make	
Model	
Serial Number	
Supply Voltage	
Input signal	
Output signal	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

7. STRUCTURES & BUILDINGS

7.1 Building

Attribute / Data Requirement	As Constructed Information
Plant Area Location (e.g.: inlet works)	
Structure Description	
Wall Description (brick, timber clad)	
Roof Description (tiles, Colorbond)	
Window Description	
Door Description	
Ceiling Description	
Lighting Description	
Ventilation Description	
Spouting Description	
Drainage Description	
Fire Hazard Rating (BAL)	
Fire Rating Comments	
Skylight on-site (Y / N)	
Security Features (deadbolts, CCTV)	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

7.2 Equipment Pit / Dry Well

Attribute / Data Requirement	As Constructed Information
Plant Area Location (e.g.: inlet works)	
Contained Equipment (NRV, PRV, flow meter, isolation valves, pumps)	
Construction Method (cast in situ / precast)	
Construction Material (conc. / FRP)	
Diameter or Length x Width (m)	
Depth (m)	
Cover Type (Gatic, Aluminum, FRP, Turret Top)	
Cover Weight (largest if multiple)	

Cover Configuration (e.g.: 1 x 2, 2 x 3)	
Opening Dimensions, D or W x L (mm)	
Fall arrest system (grate, railings, davit, turret top)	
<i>(repeat the above 5 rows for additional covers & add designation for each)</i>	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

7.3 Detention Tank

Attribute / Data Requirement	As Constructed Information
Plant Area Location (e.g.: inlet works)	
Type	
Diameter or Height x Width (m)	
Length (m)	
Depth (m) - average	
Construction Method (cast in situ / precast)	
Construction Material (conc. / FRP)	
Cover Location	
Cover Type (Gatic, Aluminum, Turret)	
Cover Configuration (e.g.: 1, 1 x 2)	
Opening Dimensions, D or W x L (mm)	
Cover Opening Dimension(s) (mm)	
<i>(repeat the above 5 rows for additional covers & add designation)</i>	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

7.4 Pump Wet Well

Attribute / Data Requirement	As Constructed Information
Plant Area Location (e.g.: inlet works)	
Construction Method (caisson, cast in situ, prefabricated)	

Construction Material (conc / FRP)	
Diameter or Length x Width (m)	
Depth (m)	
Well Washer Present (Y / N)	
Mixer Present (Y / N)	
Minimum duration to spill (hrs. at PDWF)	
Split Well Design (Y / N)	
ERS connected (Y/N)	
Discharge Point of ERS (if exists)	
Cover Type (Gatic, Aluminum, FRP, Turret Top)	
Cover Weight (largest if multiple)	
Cover Configuration (e.g.: 1 x 2, 2 x 2)	
Opening Dimensions, D or W x L (mm)	
<i>(repeat the above 5 rows for additional covers & add designation)</i>	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

7.5 Access Equipment

Attribute / Data Requirement	As Constructed Information
Plant Area Location (e.g.: inlet works)	
Structure Where Equipment Located (wet well, valve pit, dry well)	
Ladder / Step Irons Present (Y / N)	
Ladder / Step Iron Material (SS, FRP, plastic encapsulated)	
Ladder Extensions Present (Y / N)	
Fall Arrest Grates fitted (Y / N)	
Fall Arrest Attachments fitted (Y / N)	
Fall Arrest Davit Base fitted (Y / N)	
Fall Arrest Barriers fitted (Y / N)	
Fall Arrest Notes	
Fall Arrest Davit Base Make	
Fall Arrest Davit Base Model	
Stairway Present (Y / N)	

Stairway Material	
Landing Present (Y / N)	
Landing Material	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

8. FACILITY ANCILLARY EQUIPMENT

8.1 Air Treatment System

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Odour Control Type	
Chemical / Media Type	
Carbon Type (if carbon)	
Bio filter Type (if bio or bio trickling filter)	
Media Supplier Details	
Quantity of Media Order	
Media Make	
Media Model	
Specific Surface Area (m ² / m ³)	
Diameter (mm) of Vessel (if round)	
Length (mm)	
Width (mm)	
Height (mm)	
Air Flow Rate (m ³ /min)	
Dosage Rate (l/s) (if dosing)	
Prefilter details incl. sizing	
Other	
Name plate photo (insert below): <i>(Provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

8.2 Fans

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Plant Area Location (e.g.: inlet works)	
Type (exhaust, process air, ventilation)	
Make	
Model	
Serial Number	

kW Rating	
Voltage Rating (DC / AC volts)	
Full Load Current Rating (Amps)	
Impeller Diameter (mm)	
Flow Capacity (m ³ /hr.)	
Rotation Speed (RPM)	
Control (thermostat, PLC)	
Other	
<i>If Process Air</i> , provide the following additional information	
Starter Type	
Starter Make	
Starter Model	
Coil Voltage (AC volts)	
Thermal Overload Make	
Thermal Overload Model	
O/L Current Range (Amps)	
O/L Current Setting (Amps)	
Other	
Name plate photo (insert below): <i>(provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

8.3 Vent Stack

Attribute / Data Requirement	As Constructed Information
Plant Area Location (e.g.: inlet works)	
Make	
Stack Material (e.g.: FRP, SS)	
Outside Diameter (mm)	
Stack Wall thickness (mm)	
Height (m)	
Flow Capacity (m ³ /hr.)	
Exit Velocity (m/s)	
Other	
Name plate photo (insert below): <i>(provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating</i>

	<i>environment and its location relative to other notable items. Delete this instruction)</i>
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8.4 Heaters

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Location incl. plant area (e.g.: inlet works)	
Make	
Model	
Serial Number	
kW Rating	
Voltage Rating (AC volts)	
Full Load Current Rating (Amps)	
Other	
Name plate photo (insert below): <i>(provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

8.5 Back Flow Prevention Device

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Location incl. ding plant area (e.g.: inlet works)	
Type (RPZD, single check)	
Make	
Model	
Size (mm)	
Other	
Name plate photo (insert below): <i>(provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

8.6 Hose Reel

Attribute / Data Requirement	As Constructed Information
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Equipment ID (Ref: AM2714, App B)	
Location incl. ding plant area (e.g.: inlet works)	
Make	
Model	
Hose Diameter (mm)	
Hose Length (m)	
Other	
Name plate photo (insert below): <i>(provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

8.7 Wet Well Mixer

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Location incl. plant area (e.g.: inlet works)	
Make	
Model	
Serial Number	
Power Rating (kW)	
Voltage Rating (AC volts)	
Full Load Current (Amps)	
Running Load Current (Amps)	
Impellor Size (mm)	
Rotation Speed (RPM)	
Weight (kg)	
Starter Type	
Starter Make	
Starter Model	
Coil Voltage Rating (AC volts)	
Thermal Overload Make	
Thermal Overload Model	
Current Range (Amps)	
Current Setting (Amps)	
Other	
Name plate photo (insert below):	Installation photo (insert below):

<i>(provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	<i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>
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8.8 Wet Well Washer

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Location incl. plant area (e.g.: inlet works)	
Make	
Model	
Serial Number	
Solenoid Present (Y / N)	
Number of Sprinkler Valves	
Voltage Rating (AC volts)	
Power Rating (kW)	
Other	
Name plate photo (insert below): <i>(provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(Provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

8.9 Lifting Equipment

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Location incl. plant area (e.g.: inlet works)	
Crane Type (jib, gantry)	
Drive Type (mechanical, electrical)	
Rated Capacity (kg)	
Hoist/Chain Block Make	
Hoist/Chain Block Model	
Hoist/Chain Block Serial No	
Hoist Block Capacity (kg)	
Trolley Make	
Trolley Model	
Trolley Serial No	

Trolley Capacity (kg)	
Other	
Name plate photo (insert below): <i>(provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

9. PRESSURE MAINS

9.1 Pressure Main

Attribute / Data Requirement	As Constructed Information
Pressure Main Description	
Pressure Main Pipe Material	
Pressure Main Diameter (DN)	
Pressure Main Volume (kl/100m)	
Pressure Main Volume (kl total)	
Pressure Main Pipe Length (m)	
Pressure Main Discharge Point	
Education / Scour Present (Y / N)	
Air Valves Present (Y / N)	
Discharge Location	
Other	

9.2 Pressure Main Eduction Point

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Location incl. plant area (e.g.: inlet works)	
Connection Type (i.e.: camlock)	
Other	
Name plate photo (insert below): <i>(provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>

10. OEM / NON-STANDARD EQUIPMENT

Attribute / Data Requirement	As Constructed Information
Equipment ID (Ref: AM2714, App B)	
Location incl. plant area (e.g.: inlet works)	
Make	
Model	
Serial Number	
Other	
Name plate photo (insert below): <i>(provide a photo of the equipment's name plate, see photo instructions at the front of this document for how to do that. Delete this instruction)</i>	Installation photo (insert below): <i>(provide photo(s) of the equipment in its installed location. As much as practical, indicate the equipment's size, operating environment and its location relative to other notable items. Delete this instruction)</i>