



Water Act 2000 – Form W2F119B

ABN51 242 471 577

Water level station validation

Purpose

This certificate is to be completed by a Certified Meter Installer (CMI) to validate metering equipment attached to storage works associated with taking water under the authority of the *Water Act 2000*.

The CMI must provide the water level station owner a copy of this certificate, the attached checklists and any associated documentation outlined in the checklists within 20 business days after the completing the validation.

Part A Meter owner details

Full name:

If the meter owner is a corporation, please supply the ACN:

Client reference no. (if known):

Attention (Optional) (e.g., Principal, Secretary, Managing Director, etc.)

Street address:

Mailing address: (if same as street address write 'as above')

Contact details

The contact details provided will be used by the department for the purpose of communications under the *Water Act 2000*. The department may be required or authorised by legislation to disclose your information to other third parties.

Full name:

Mobile phone:

Alternative phone:

Email:

Privacy statement: Collection of information on this certificate is authorised by section 112 of the Water Regulation 2016 and will be used by the department for the purpose of processing your validation. The department may be required or authorised by legislation to disclose your information to other third parties. The information may be searchable, disclosed to and used by the public as allowed, authorised or required by legislation.

OFFICE USE
ONLY

File reference:

Date received:

Office
Stamp
Only

Part B Water storage and water level station details			
1. 1st storage details			
Property name / address			
Lot / Plan			
Authorisation number/s			
Works number/s			
Description			
Water source			
<i>Office use only</i>			
Client ID	Water Account ID		
2. Plan diagram of water storage and water level station location (annotated photograph is acceptable)			
Please provide datum locations of the water level station on the diagram.			
3. Water level station details Datum locations must be included on attached diagram.			
Install date			
Water level station description			
Datum height (if known)	EL	m	Location description
Sensor height (RL ₁)	RL	m	Location description
	<input type="checkbox"/> Unable to collect height**		
Bywash/crest height (RL ₂)	RL	m	Location description
Dead storage height (RL ₃)	RL	m	Location description
	<input type="checkbox"/> Unable to collect height**		
Storage operating range	RL ₂ – RL ₃ = m		
	<input type="checkbox"/> Unable to verify operating range**		
Location details	Latitude*:		Longitude*:
	Datum: <input type="checkbox"/> GDA2020 <input type="checkbox"/> GDA94 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:		

* Latitude and longitude can be shown as either:

Decimal degrees showing five decimal places E.g. Latitude -27.47514 Longitude 153.02578

OR

Degrees° Minutes' Seconds" E.g. Latitude 27° 28' 30.504" S Longitude 153° 1' 32.808" E

** Where sensor and/or dead storage height are not able to be collected, evidence (e.g.: date stamped photographs) and a statement that all reasonable efforts to collect height information were taken must be attached to this form.

4. Water level station power source and location			
<input type="checkbox"/> Internal battery only		<input type="checkbox"/> Battery with solar	
<input type="checkbox"/> Mains power		Voltage (v)	
Location details	Latitude*: Longitude*: Datum: <input type="checkbox"/> GDA2020 <input type="checkbox"/> GDA94 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:		
5. Enclosure tamper seal and additional tamper seal details			
Enclosure tamper seal ID		Additional tamper seal ID/s	
Additional tamper seal description/s			
Location details	Latitude*: Longitude*: Datum: <input type="checkbox"/> GDA2020 <input type="checkbox"/> GDA94 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:		
6. Water level sensor details			
Water level sensor type		Model	
Water level sensor serial no.		Range of measurement	m
Location details	Latitude*: Longitude*: Datum: <input type="checkbox"/> GDA2020 <input type="checkbox"/> GDA94 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:		
<input type="checkbox"/> Unable to access water level sensor to collect details**			
7. Data transmitter details			
Complete if water level sensor doesn't communicate directly with data logger			
Data transmitter type		Model	
Data transmitter serial no.			
Data transmitter password		Software revision	
8. Water level data logger details			
Complete section only if data logger installed			
Water level data logger type		Model	
Water level data logger serial no.			
Water level data logger password		Software revision	
Log interval		Is telemetry enabled?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Initial water level reading		Time/date of reading	/ /
9. Component replacement details			
Complete this section only if one or more components of a water level station are being replaced during validation			
Component type		Model	
Serial no.			
Start reading		Time/date of reading	
Final reading (device being replaced)		Serial number (device being replaced)	

* Latitude and longitude can be shown as either:
 Decimal degrees showing five decimal places E.g. Latitude -27.47514 Longitude 153.02578
 OR
 Degrees° Minutes' Seconds" E.g. Latitude 27° 28' 30.504" S Longitude 153° 1' 32.808" E

** Where information about water level sensor not able to be collected due to lack of access, evidence (e.g.: date stamped photographs) and a statement that all reasonable efforts to collect height information were taken must be attached to this form.

Part C Additional details	
1	Additional details
2	Additional details
3	Additional details
4	Additional details
5	Additional details
6	Additional details
7	Additional details
8	Additional details
9	Additional details
10	Additional details
11	Additional details
12	Additional details
13	Additional details
14	Additional details
15	Additional details
16	Additional details
17	Additional details
18	Additional details
19	Additional details
20	Additional details
21	Additional details
22	Additional details
23	Additional details
24	Additional details
25	Additional details
26	Additional details
27	Additional details
28	Additional details
29	Additional details
30	Additional details
31	Additional details
32	Additional details
33	Additional details
34	Additional details
35	Additional details
36	Additional details
37	Additional details
38	Additional details
39	Additional details
40	Additional details
41	Additional details
42	Additional details
43	Additional details
44	Additional details
45	Additional details
46	Additional details
47	Additional details
48	Additional details
49	Additional details
50	Additional details
51	Additional details
52	Additional details
53	Additional details
54	Additional details
55	Additional details
56	Additional details
57	Additional details
58	Additional details
59	Additional details
60	Additional details
61	Additional details
62	Additional details
63	Additional details
64	Additional details
65	Additional details
66	Additional details
67	Additional details
68	Additional details
69	Additional details
70	Additional details
71	Additional details
72	Additional details
73	Additional details
74	Additional details
75	Additional details
76	Additional details
77	Additional details
78	Additional details
79	Additional details
80	Additional details
81	Additional details
82	Additional details
83	Additional details
84	Additional details
85	Additional details
86	Additional details
87	Additional details
88	Additional details
89	Additional details
90	Additional details
91	Additional details
92	Additional details
93	Additional details
94	Additional details
95	Additional details
96	Additional details
97	Additional details
98	Additional details
99	Additional details
100	Additional details

1. Additional water level station details

Details of additional water level stations must be attached to this form. Copy, complete and attach sheets for additional water level stations (Appendix 1) as required. Strike out rows below that do not apply.

Authorisation number				
Water level station 1	Works number		Lot / Plan	
Water level station 2	Works number		Lot / Plan	
Water level station 3	Works number		Lot / Plan	
Water level station 4	Works number		Lot / Plan	
Water level station 5	Works number		Lot / Plan	
Water level station 6	Works number		Lot / Plan	
Water level station 7	Works number		Lot / Plan	
Water level station 8	Works number		Lot / Plan	
Water level station 9	Works number		Lot / Plan	
Water level station 10	Works number		Lot / Plan	

2. Water level data logger communication

Complete this section if more than one storage is serviced by a data logger.

Water level data logger serial no.		Storage/s serviced	
Description of communication			
Water level data logger serial no.		Storage/s serviced	
Description of communication			

Include diagram if needed:

Part D Validation declaration

The CMI must complete and sign the declaration below.

I declare that:

- The water level station(s) installation meets the specifications prescribed in the Queensland interim standard for water level stations.
- The water level station(s) will operate within the required parameters of the Queensland interim standard and the manufacturers specifications operate correctly (to the best of my knowledge).
- The water level station(s) has been tamper sealed to prevent any unauthorised access or modification.
- All information contained in this certificate is accurate and complete.
- I have provided the meter owner with all documentation required to submit the validation certificate.

Name:	CMI no.
Business name:	Phone:
Email:	Date: / /
Signature:	

Checklist 1 Validation		
The CMI must complete the following validation checklist for each water level station.		
No.	Description	
1	Does the water level station comply with the QLD interim metering standard?	<input type="checkbox"/> Yes <input type="checkbox"/> No
2	Has the installer provided adequate photographs of the installation as described in checklist 2?	<input type="checkbox"/> Yes <input type="checkbox"/> No
3	Are you satisfied the water level station will work correctly when started?	<input type="checkbox"/> Yes <input type="checkbox"/> No
4	If there is any cabling, has this been securely housed within conduit?	<input type="checkbox"/> Yes <input type="checkbox"/> No
5	Is there any evidence of tampering with the water level station?	<input type="checkbox"/> Yes <input type="checkbox"/> No
6	If the answer to Q5 is yes, report this to the chief executive immediately before dismantling the meter for inspection.	<input type="checkbox"/> Completed
7	If battery powered, does the battery have an install and replacement date?	<input type="checkbox"/> Yes <input type="checkbox"/> No
8	Have you installed tamper proof seals to the meter installation so componentry can't be accessed, modified or removed without damaging the tamper proof seals?	<input type="checkbox"/> Yes <input type="checkbox"/> No
9	Has the water level data logger been set up correctly?	<input type="checkbox"/> Yes <input type="checkbox"/> No
10	Have you saved the configuration file and reset the password for the water level station and logger (if applicable)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
11	Has the 'read only' password been provided to the department?	Yes No
12	If information required in Part B, sections 3 and 6, could not be collected, has the required evidence and a statement that all reasonable efforts to collect the information were taken, been attached?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Checklist 2 Supporting documentation		
The following documents are to be provided to the meter owner (where applicable).		
Photos of the water level station installation (for each water level station). This includes photos of: <ul style="list-style-type: none"> Serial numbers Tamper seals The water level station site, showing whole installation. 		<input type="checkbox"/>
Copy of manufacturer's installation manual for each component.		<input type="checkbox"/>
Copy of a manufacturers test certificate/s (if applicable).		<input type="checkbox"/>
Copy of certificate of accuracy for water level sensor.		<input type="checkbox"/>
Checklist 3 Site safety		
Clean up site, remove debris and weeds.		<input type="checkbox"/>
At the time of inspection was the site safe for employees, contractors or visitors to inspect or perform work in and around the meter installation.		<input type="checkbox"/>

Appendix 1 – Additional water level station details

Attachment _____ Water storage and water level station details			
1. _____ storage details			
Property name / address			
Lot / Plan			
Authorisation number/s			
Works number/s			
Description			
Water source			
<i>Office use only</i>			
Client ID	Water Account ID		
2. Plan diagram of water storage and water level station location (annotated photograph is acceptable)			
Please provide datum locations of the water level station on the diagram.			
3. Water level station details Datum locations must be included on attached diagram.			
Install date			
Water level station description			
Datum height (if known)	EL	m	Location description
Sensor height (RL ₁)	RL	m	Location description
	<input type="checkbox"/> Unable to collect height**		
Bywash/crest height (RL ₂)	RL	m	Location description
Dead storage height (RL ₃)	RL	m	Location description
	<input type="checkbox"/> Unable to collect height**		
Storage operating range	RL ₂ – RL ₃ = m		
	<input type="checkbox"/> Unable to verify operating range**		
Location details	Latitude*:		Longitude*:
	Datum: <input type="checkbox"/> GDA2020 <input type="checkbox"/> GDA94 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:		

* Latitude and longitude can be shown as either:

Decimal degrees showing five decimal places E.g. Latitude -27.47514 Longitude 153.02578

OR

Degrees° Minutes' Seconds" E.g. Latitude 27° 28' 30.504" S Longitude 153° 1' 32.808" E

**Where sensor and/or dead storage height are not able to be collected, evidence (e.g.: date stamped photographs) and a statement that all reasonable efforts to collect height information were taken must be attached to this form.

4. Water level station power source and location			
<input type="checkbox"/> Internal battery only		<input type="checkbox"/> Battery with solar	
<input type="checkbox"/> Mains power		Voltage (v)	
Location details	Latitude*: Longitude*: Datum: <input type="checkbox"/> GDA2020 <input type="checkbox"/> GDA94 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:		
5. Enclosure tamper seal and additional tamper seal details			
Enclosure tamper seal ID		Additional tamper seal ID/s	
Additional tamper seal description/s			
Location details	Latitude*: Longitude*: Datum: <input type="checkbox"/> GDA2020 <input type="checkbox"/> GDA94 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:		
6. Water level sensor details			
Water level sensor type		Model	
Water level sensor serial no.		Range of measurement	m
Location details	Latitude*: Longitude*: Datum: <input type="checkbox"/> GDA2020 <input type="checkbox"/> GDA94 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:		
<input type="checkbox"/> Unable to access water level sensor to collect details**			
7. Data transmitter details			
Complete if water level sensor doesn't communicate directly with data logger			
Data transmitter type		Model	
Data transmitter serial no.			
Data transmitter password		Software revision	
8. Water level data logger details			
Complete section only if data logger installed			
Water level data logger type		Model	
Water level data logger serial no.			
Water level data logger password		Software revision	
Log interval		Is telemetry enabled?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Initial water level reading		Time/date of reading	/ /
9. Component replacement details			
Complete this section only if one or more components of a water level station are being replaced during validation			
Component type		Model	
Serial no.			
Start reading		Time/date of reading	
Final reading (device being replaced)		Serial number (device being replaced)	

* Latitude and longitude can be shown as either:
 Decimal degrees showing five decimal places E.g. Latitude -27.47514 Longitude 153.02578
 OR
 Degrees° Minutes' Seconds" E.g. Latitude 27° 28' 30.504" S Longitude 153° 1' 32.808" E

** Where information about water level sensor not able to be collected due to lack of access, evidence (e.g.: date stamped photographs) and a statement that all reasonable efforts to collect height information were taken must be attached to this form.