

# Daniel Blacker

Deputy Inspector-General of Water Compliance



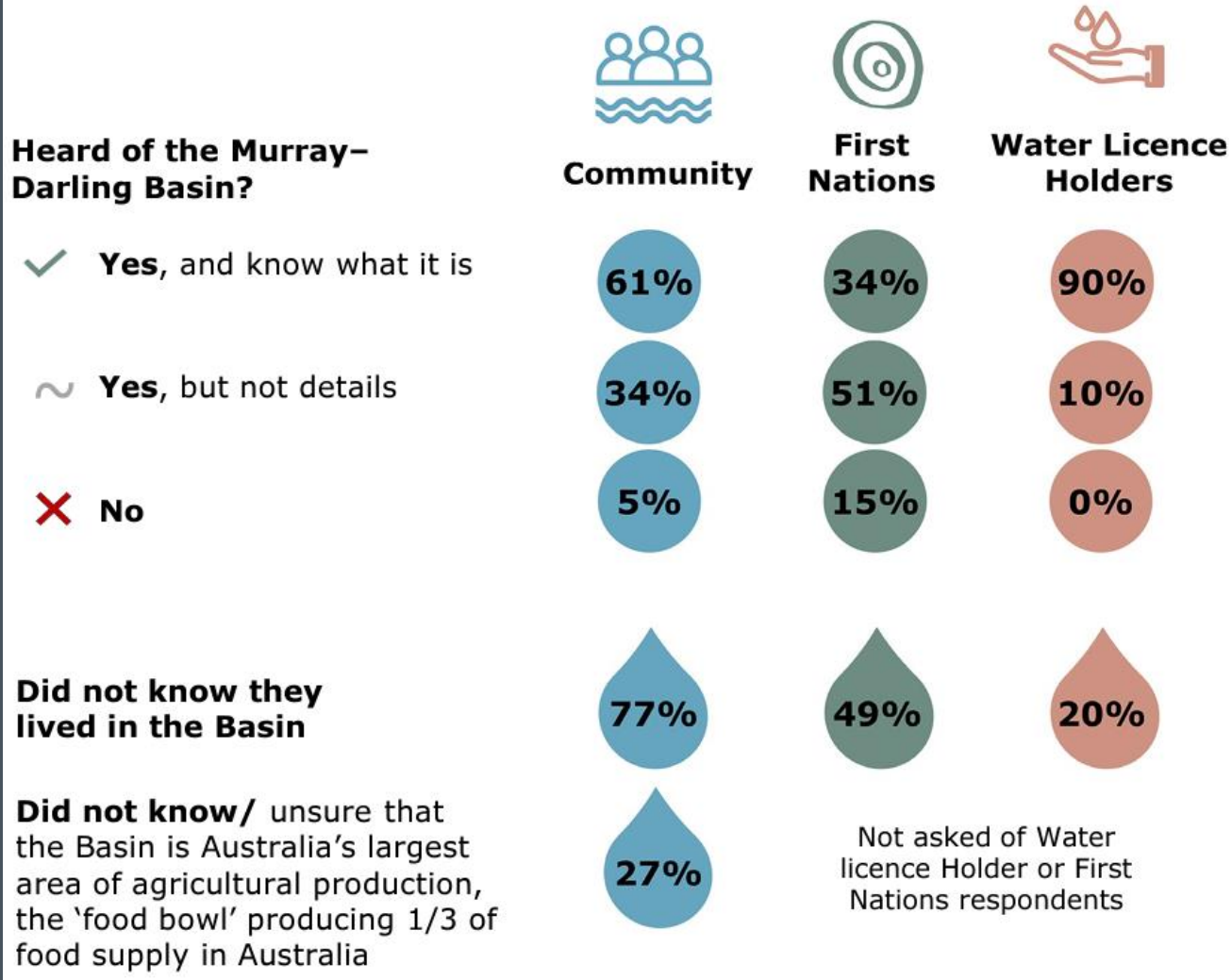
Australian Government



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General of  
Water  
Compliance



# Overall findings about foundational Basin knowledge



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Source: ORIMA Research  
Sample audience size: 1,200



# For further information on the 2022 Annual Community Sentiment Survey:

[www.igwc.gov.au/publications/annual-survey](http://www.igwc.gov.au/publications/annual-survey)



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# Office locations

The Inspector-General of Water Compliance has offices located throughout the Basin.

In addition to an office in Canberra, there are 5 regional offices in the Basin:

- Goondiwindi
- Dubbo
- Albury
- Mildura, and
- Loxton.



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# Murray-Darling Basin – Metering and Measurement Report Card

01 Jul 2021 – 30 Jun 2022. Data as at 30 June 2022. Progress from 2020 – 21 metering report card indicated in brackets

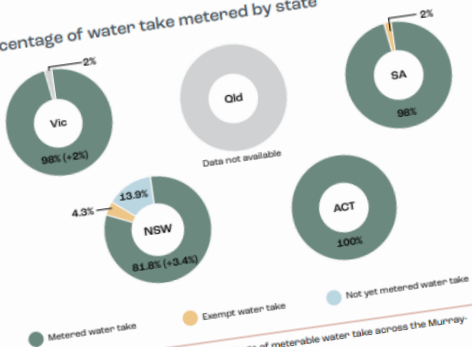
## Pattern approved meters

|                | Pump size (mm) |      |
|----------------|----------------|------|
|                | Min            | Max  |
| ABB            | 40             | 200  |
| ABB            | 40             | 1200 |
| AQUAMONIX      | 50             | 1500 |
| ARAD           | 80             | 200  |
| ARIAD          | 40             | 300  |
| ARIAD          | 50             | 300  |
| BERMAD         | 50             | 300  |
| ELSTER         | 50             | 200  |
| ENDRESS+HAUSER | 25             | 800  |

|         | Pump size (mm) |      |
|---------|----------------|------|
|         | Min            | Max  |
| EUROMAG | 40             | 1000 |
| KROHNE  | 25             | 600  |
| KROHNE  | 25             | 1800 |
| RUBICON | 600            | 600  |
| SIEMENS | 25             | 1200 |
| SIEMENS | 25             | 2000 |
| SENSUS  | 40             | 400  |
| ZENNER  | 50             | 300  |

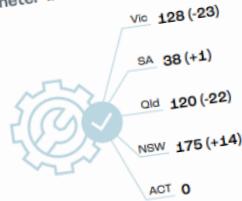
This measure is reported by the National Measurement Institute as at 30 June 2022. The objective of the measure is to signal the market availability of pattern approved meters and models by manufacturer and pump size.  
Data owner/sources: National Measurement Institute

## Percentage of water take metered by state



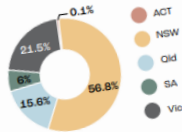
This measure is reported to highlight the percentage of meterable water take across the Murray-Darling Basin by each State that is metered.  
Refer to individual State Report Cards for detailed explanation.  
Data owner/sources: State regulators

## Count of qualified meter installers



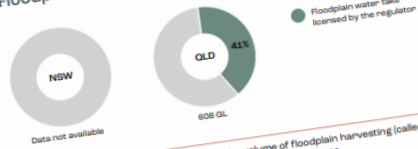
This measure is reported in order to highlight the availability of active certified meter installers (CAIRs) that are qualified to install, certify and validate compliant meter installations, as at 30 June 2022.  
Data owner/source: Irrigation Australia

## 2021-22 Water take by Basin State



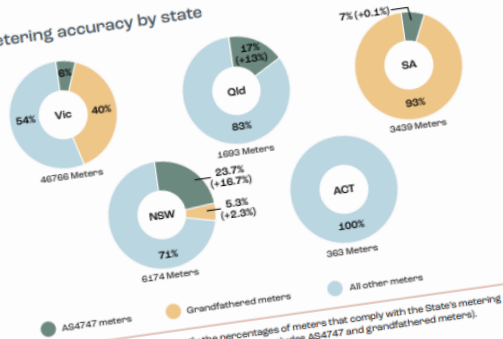
This measure represents the percent of annual actual take of Basin States for the 2021-22 water year as reported by Basin States under section 71 of the Water Act (2007). The objective of this measure is to give context to the scale of metering returns in each Basin State. Please note that this measure includes take that is not considered meterable.  
Data owner/sources: State regulators

## Floodplain water take



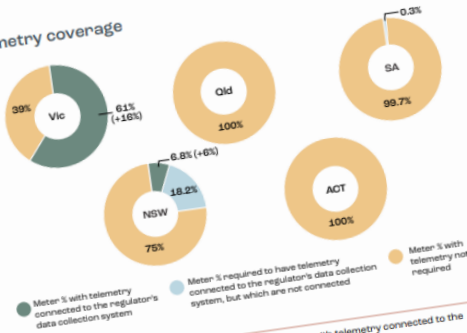
This measure is reported to understand the volume of floodplain harvesting (called overland flow in Qld) take and how progressed states are in licensing that volume.  
In the Old portion of the Murray-Darling Basin, high risk overland flow take is subject to water licensing. The total volume of overland flow taken in Qld is 608 GL, 41% of which is licensed by the regulator (Lower Balonne High priority overland flow take). Due to a licensing process underway in the Border Rivers and Moorie WRP area, the total licensable volume for overland flow is changing and will not be available until the process has been completed. Qld is also developing an approach for measuring and accounting for the take of overland flow water.  
Full implementation of the NSW Floodplain Harvesting Policy including licensing and commencement of measurement was due in June 2021, however delays in implementing the legislative reform have meant that licensing and measurement of floodplain harvesting had not taken place in NSW as of 30 June 2022.  
Data owner/sources: State regulators

## Metering accuracy by state



This measure is reported to identify the percentages of meters that comply with the State's metering policy and are therefore deemed accurate (which includes AS4747 and grandfathered meters).  
Refer to individual State Report Cards for detailed explanation.  
Data owner/sources: State regulators

## Telemetry coverage



This measure is reported to identify the percentage of meters with telemetry connected to the regulator's data system across the Murray-Darling Basin.  
Refer to individual State Report Cards for detailed explanation.  
Data owner/sources: State regulators

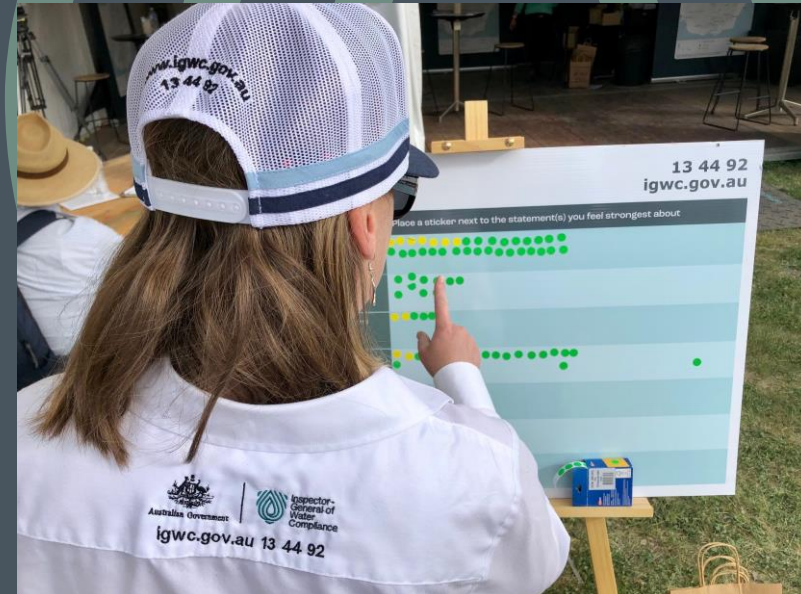


Water's Edge host | Annabelle Hudson





Our field officers completed 760 engagements (in person and virtually) across the Murray-Darling Basin last year...



Henty Machinery Field Days 2023



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