

## ADVICE TO LICENSED DRILLERS

1. Carefully check each completed Drillers Well Completion Report to ensure that all relevant sections of the report have been filled out.
2. If any information is not available the reasons must be set out on the back of the form or on an attached statement.
3. All measurements of depth must be from the natural ground level and be as accurate as circumstances permit.
4. If a well drilled under permit is not satisfactory and is abandoned under the conditions of the Permit or under the authority of an Authorised Officer and a replacement well is then drilled, a letter 'A' must be inserted against the heading 'Site' in the report for the first hole and 'B' against that heading in the report for the second. If more than two holes are drilled before a satisfactory well is completed the reports for the succeeding holes must be labelled 'C', 'D' etc.
5. Advice on problems encountered during drilling can be sought from an authorised Drilling Inspector, Department for Environment and Water (DEW).
6. The driller is not required to supply a water sample from a contaminated site investigation well.
7. As soon as any water is cut a sample must be taken unless the drilling method used does not permit the taking of such sample. A sample must also be taken at the completion of the well.
8. **Bottles** and standard labels for water samples are available free of charge from DEW.
9. Samples may be delivered to DEW offices but any freight charges incurred are the responsibility of the licensed driller.
10. Bottles must be clearly labelled showing Permit Number and the depth from which the sample was taken. e.g. Permit Number 30 - 33m.
11. Where more than one drillhole was constructed (see Item 4 above) the label on the water sample must include the site e.g. Permit Number Site 'B' 30 - 33m.
12. Water sample containers must be clearly labelled with the same information as for strata samples, together with the depth of the well when the water sample was taken.

## APPROXIMATE METRIC CONVERSION FIGURES

1 inch = 25 mm  
1 foot = 0.3 metres  
1 grain per gallon = 14.3 mg/L (milligrams per litre)  
1mg/L is equivalent to 1 ppm (part per million)  
1 gallon = 4.5 litres  
1000 gallons/hour = 1.25 L/sec (litres per second)  
1 L/sec = 800 gallons per hour

## SURVEY INFORMATION

When supplying bore coordinates, typically recorded using GPS, the following information should be supplied

- Date of survey and by whom
- Coordinates in either:
  - Eastings and Northings and Zone eg. 275110.41 east, 6245172.32 north, zone 54
  - Latitude, Longitude in degrees, minutes, decimal seconds eg. Lat 33° 54' 35.562", Long 138° 34' 3.362"
  - Latitude, longitude in decimal degrees format eg. Lat 33.9098784, Long 138.5676006
- Datum: AGD66, AGD84, GDA94 or WGS84
- Method of surveying
  - GPSAP (GPS Average Position)                      GPSSN (GPS Standalone Navigational)
  - GPSUN (GPS Type Unknown)                      GPSDIF (Differential GPS)
- Estimated positional error, typically in metres.

PERMIT HOLDER .....

Postal Address.....

.....Post Code.....

3. WELL NAME.....

#### 4. LAND IDENTIFICATION

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- Pastoral Lease or Hundred: .....

Land Parcel ID or Title .....

Name of Property.....

Date work Commenced..... Date work Completed.....

Work carried out:    New Well ☐                      Deepen ☐                      Enlarge ☐                      Rehabilitate ☐                      Backfill ☐

Is this a Replacement well? YES/NO	Unit No:
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Is this an Existing well? YES/NO	Unit No:
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Was well Decommissioned? YES/NO if so please state reason and method of backfill.....

Maximum Depth Drilled.....(m)      Final Depth.....(m)      Final Standing Water Level.....(m)      Final Yield.....(L/sec)

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, 11, 12 and 13 as necessary

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## 6.2 Water Cut Details (measurements from natural surface to nearest 0.1 m)

**7. CASING** (Specify Casing Type: Surface, Intermediate or Production)

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## 7.2 Type

### 7.3 Casing Cemented

## 8. CONSTRUCTION AT PRODUCTION LEVEL

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## 8.2 Screen or Casing (\*If variable aperture screen used give limits)

- [illegible]

☐ Other, give details: .....

## 8.4 Gravel Packing

### 13. FORMATION LOG

9. IF NOT A DRILLED WELL			
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### **9. IF NOT A DRILLED WELL**

<b>10. DEVELOPMENT</b> (State methods and time taken)			

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<b>11. PUMPING TEST</b> (measurements from natural surface to nearest 0.1m)			
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12. SAMPLES			
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## 12. SAMPLES

The Landscape South Australia Act 2019 and Regulations require that strata and water samples must be obtained. If any samples have not been obtained please state reasons: (ie: contaminated site)

As the person responsible I advise that the work has been completed as described above.

Signature of Licensed Driller ..... Date    /    /

**Driller to submit a labelled water sample within 30 days of completion to:**

**Department for Environment and Water**  
**Water Resource Monitoring Unit, 24-26 Tikalara Street REGENCY PARK SA 5010**

**Label must include the permit number and date that work was completed.**

Reports should either be attached to the water sample and mailed as above, or can be scanned and emailed to [groundwater@sa.gov.au](mailto:groundwater@sa.gov.au). If GPS coordinates are not included above, a well location map must accompany this report.

UNIT NUMBER