

## Lake Grace Available Sources

### Update for Farmers

23/03/2019 follow site survey conducted during week of the 19<sup>th</sup> of March  
2019

#### Dunn Rock

Location – South Newdegate

2 dams – Taylor road opposite CBH facilities

~40,000 KL capacity (20,000 each)

Dam with Standpipe low levels but dam west of CBH 25% of capacity ~10,250KL available.

Pump repairs – electrics being checked and access to 2<sup>nd</sup> dam below complete..  
While facilities are operating supply is diminishing (2<sup>nd</sup> below).



Option to access Magenta Dam, Pallerup Standpipe, Mt Madden Bore/Dam

### **South East Newdegate (Cuffy's)**

Location- Pingrup Road

2 dams

Current capacity: dry



### **Magenta North**

Location - Ardler Road

2 dams (one silt trap dam)

~15,000 KL capacity

Current capacity 25% capacity = ~3750 KL available



## **South East Newdegate**

Location – Magenta Road

2 dams (one silt trap dam)

15,000 KL capacity

Current capacity 10% 1500 KL available



## **East Newdegate (Machetti' s Tank)**

Location – Haigh Road East Newdegate

Tank off rock catchment

4550 KL capacity

Current capacity 50% 2275KL available

Swipe card controller in place.



### Lake King tank and standpipe

Tank Location – Lake King near museum

Source – old drinking supply dam

Pump in place and tank full. Pressure switch to be installed. Water in main dam is near full and will be used to top up Community Dam.

Status –available.

Swipe card system in place.

Maximum Capacity with adjacent old drinking water supply dam 20,000KL

100% available



Old drinking dam will top up Community dam above

### Kukerin Town dam

Location - 25km from Tarin Rock in town of Kukerin

Large dam – 36,000KL capacity

Not assessed but reliable ~36,000 KL ( **North Lake Grace farmers encouraged to access this supply**).

**Note:** To better prepare for next summer/dry season, the Department of Water and Environmental Regulations are seeking quotes and approval to upgrade 13 mile dam and Tommy's dam.

### **Newdegate town dam**

Location – Newdegate

Water Corporation made available a temporary emergency farm water supply. Located in the town site. New pump currently being sourced.



### **Lake Grace town dam 30,000KL**

Water Corporation are working with Shire to make this available as an emergency farm water supply. Location being renegotiated.

Current capacity 50% 15,00 KL available

### **Pallarup Tanks and Standpipe**

Off Rock catchment

1200KL tank maximum capacity – available at standpipe located off Lake King Ravensthorpe road – standpipe is blue neat information board (signposted).

Current capacity 25% 300KL available.



### **Mount Madden Bore**

The Department of Water and Environmental Regulations has contracted a driller to equip a bore at Mount Madden in Lake Grace near the Mount Madden Dam. The Bore is call MM3 and is suitable for livestock (pictured below).



**BORE DETAILS – 100 MM PN9 PVC CASING- BORE IS 28.3 METRES DEEP – STANDING WATER LEVEL 10.5.**

The Bore is located on Muncaster Road in the Shire of Lake Grace and is available for farmers to access. The Bore is equipped with piping and pump. The flow rate is 1 Litre per second. Farmers will need to **take their own generators to operate** the bore. Details are below. Note MM6 bore is capped and not available as it is too salty (~1454mS/m).

| Name                 | Mt Madden Bore's                  |
|----------------------|-----------------------------------|
| Location no /address | Roe Loc 2740 – Muncaster Road     |
| Associated reserve   | 20110                             |
| Northing             | 6317800N (MM3) & 6317028N (MM6)   |
| Easting              | 765478E (MM3) & 765103E (MM6)     |
| Bore capacity        | (MM3) 80kL/day & (MM6) 83kL/day   |
| Structure type       | Capped bores                      |
| Catchment type       | Rock catchment                    |
| Catchment area (ha)  | 981ha (reserve area)              |
| Standpipe (Y/N)      | No                                |
| Turnaround area      | Yes                               |
| Heavy vehicle access | Yes                               |
| Tank storage         | Yes during and emergency only     |
| Pump                 | No – will be equipped as required |
| Mean annual rainfall | 300 mm                            |
| Water quality        | Livestock                         |

## **Mount Madden Dam**

Location: South of Lake King Muncaster Road

Maximum capacity 16,000 KL

Currently capacity 62% 10,000 KL available Swipe card system in place.



## Sugg Rock

Location – Sugg Road

Maximum capacity 10,000KL

Current capacity 25% 2500 KL available

Swipe card system in place



## Purtna Rock –Tanks

Location – Purtna road

2270 KL capacity

Current capacity 30% 681 KL available

Standpipe facilities





## Dingo Rock

Location: North of Lake Grace town Duckworth Road

Maximum capacity 45,500 KL

Current capacity 10% 4550 KL available



## Varley Dam

Location – Hyden Lake King Road (Varley)

28,000 KL capacity

Current capacity 25% 7000 KL available – catchment CBH hardstand

Standpipe and tank facilities



**Lake Biddy Reserve** 19649 Witham Road aa Dam

~15,00KL maximum capacity

Current capacity 40% 9880 KL available



## **13 Mile Dam**

105 Newdegate Road/14 Mile

~20,000 KL maximum capacity

Current capacity 25% 2500 KL available



Any queries please contact

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