

**Pump test carried out by Auroville Water Service from**

**Matrimandir Compost Area New well**

Date **03-Nov-2017**

Firstly, we select a suitable pump has been installed to determine the discharge capacity of the well in these new conditions and a pump test carried for 5 hours.

**Pump test :**

1. Total depth of the well: **99 mt**
2. Submersible pump erection depth: **94mt.**
3. Static water level :       **10 Mt.**
6. Pump horsepower : Croudfos 10 HP / 13Stages.
7. Bore well yield : **8750 L/ Hr**
8. Total hrs of pumping; 1 Hrs
9. Status of Water quality: Potable (Ec = 212 Microsimens/ Cm)
10. Diameter of the Bore well: 8"
11. Discharge measuring Barrel : 220.00 Litters.

**Pump test**

<b>Time</b>	<b>Time to fill the barrel (second)</b>	<b>Flow in liters per hour</b>	<b>Remark</b>
9.am	32	24,750	No Air
9.30 am	85	9317	No Air
10.00 am	90	8799	No Air

**Pump test carried out by Auroville Water Service from**

**Matrimandir Compost Area New well**

Date **04-Nov-2017**

Firstly, we select a suitable pump has been installed to determine the discharge capacity of the well in these new conditions and a pump test carried for 5 hours.

**Pump test :**

1. Total depth of the well: **99 mt**
2. Submersible pump erection depth: **94mt.**
3. Static water level :        **10 Mt.**
6. Pump horsepower : Croudfos 5 HP / 8 Stages.
7. Bore well yield : **6,711 L/ Hr**
8. Total hrs of pumping; 7 Hrs
9. Status of Water quality: Potable (Ec = 212 Microsimens/ Cm)
10. Diameter of the Bore well: 8"
11. Discharge measuring Barrel : 220.00 Litters.

**Pump test**

<b>Time</b>	<b>Time to fill the barrel (second)</b>	<b>Flow in liters per hour</b>	<b>Remark</b>
9.am	32	24,750	No Air
9.30 am	113	7008	No Air
10.00 am	115	6886	No Air
10.30 am	115	6886	No Air
11.00 am	116	6827	No Air
11.30 am	116	6827	No Air
12.00 am	116	6827	No Air
12.30 am	117	6769	No Air
1.00 pm	117	6769	No Air

1.30 pm	117	6769	No Air
2.00 pm	118	6711	No Air
2.30 pm	118	6711	No Air
3.00 pm	118	6711	No Air
3.30 pm	118	6711	No Air
4.00 pm	118	6711	No Air

**Pump test carried out by Auroville Water Service from**

**Matrimandir Compost Area New well**

Date **06-Nov-2017**

Firstly, we select a suitable pump has been installed to determine the discharge capacity of the well in these new conditions and a pump test carried for 5 hours.

**Pump test :**

1. Total depth of the well: **99 mt**
2. Submersible pump erection depth: **94mt.**
3. Static water level :        **10 Mt.**
6. Pump horsepower : Croudfos **7.5HP / 10 Stages.**
7. Bore well yield : **7008 L/ Hr**
8. Total hrs of pumping; **8 Hrs**
9. Status of Water quality: Potable ( $E_c = 212$  Microsimens/ Cm)
10. Diameter of the Bore well: **8"**
11. Discharge measuring Barrel : **220.00 Litters.**

**Pump test**

<b>Time</b>	<b>Time to fill the barrel (second)</b>	<b>Flow in liters per hour</b>	<b>Remark</b>
9.am	22	36000	No Air
9.30 am	108	7333	No Air
10.00 am	110	7200	No Air
10.30 am	110	7200	No Air
11.00 am	110	7200	No Air
11.30 am	111	7135	No Air
12.00 am	111	7135	No Air
12.30 am	111	7135	No Air
1.00 pm	112	7071	No Air
1.30 pm	112	7071	No Air

2.00 pm	112	7071	No Air
2.30 pm	112	7071	No Air
3.00 pm	113	7008	No Air
3.30 pm	113	7008	No Air
4.00 pm	113	7008	No Air
4.30 pm	113	7008	No Air
5.00 pm	113	7008	No Air