

TOWN OF CLAREMONT - BORE AND PUMP TEST

Site Name	First Avenue Park	Date	16/08/2022
Venue	First Avenue, Claremont	Bore number	1
Tested by	Steve Usca	Location	Behind cabinet
Method	50 E/M Flowmeter	Test Facility	1 1/2" T

Pump make	Grundfos	Bore total depth metres	NA
Model	SP 8A – 15	Static water level metres	19.76
Number of stages	15	Casing material and type	PVC
Motor make	Franklin	Casing diameter mm	155
Motor size kW	2.2	Screen length metres	6
Voltage	415	Screen internal diameter mm	155
Number of phases	3	Sand produced	No
Full load current amps	6.5	Insulation resistance MΩ	>100M
Starter type	DOL	Windings resistance ohms	8.7,8.7,8.7
Controller type	Hunter XC 8ST	Hourmeter reading	NA
Column type and diameter	Poly 1 1/2"	Bore installed	2007
Column length metres	28	Pump replaced	NA
High pressure setting kPa	600	Water Sample Taken:	Yes
Low pressure setting kPa	200	Water Ph	7.6
Low level setting metres	28	Salinity	500 ppm
		Irrigation run pressure	Station 6 - 400

TIME	GAUGE READINGS		FLOWMETER		FLOW <i>Litres per second</i>	PROBE READINGS <i>From top of casing metres</i>	COMMENTS
	<i>PRESSURE kPa</i>	<i>CURRENT DRAW amps</i>	<i>VOLUME</i>	<i>SEC</i>			
	0	6.0			3.24	19.82	
	100	6.0			3.0	19.88	
	200	6.1			2.7	19.83	
	300	6.2			2.45	19.82	
	400	6.2			2.07	19.82	
	500	6.2			1.28	19.82	
	600	s/off			-		High Pressure

The results are similar to last year.
Low pressure not reading on PLC below set point.