

**REPORT**

Name of the client : Public health division, Public water department, Pandy.  
Site : Poraiyur site, Valluvanpet Borewell  
Plant capacity : Iron removal filter - 330 lpm & size: 1.4 m D x 1.8 m Ht  
Contact Personnel : J.E/A.E - PWD  
Contact person's Phone no. :  
ASEWater Engineer : Mr. M. Rajesh  
Contact person in ASE for Operation : Mr. Padmanaaban - 9940444800

Nature of job : Erection and commissioning  
Erection completed on : 14.02.14  
Trial run : 17.02.14  
Commissioning : 19.02.14  
Remarks : After trial run, the plant was operated for <sup>12</sup> hrs  
Two samples of inlet and outlet water were jointly taken along with PWD officials  
One set of sample is given to PWD officials for their checking and another set has been taken for our testing purpose. The detailed lab analysis report will be submitted within few days.

Observations : Feed inlet pressure --- 0.1 ---bar  
Feed outlet pressure --- 0.0 ---bar  
Backwash inlet pressure --- 0.1 ---bar  
Backwash outlet pressure --- 0.0 ---bar  
Treated water physical condition was clear and turbidless.

Suggestions : The operating conditions were explained to the concerned Persons in PWD office and asked them to operate as per O&M manual.

- List of items handed over:
1. The balance pipes an fittings
  2. 3 sets of hard copy of O&M manual
  3. 1 set of soft copy of O&M manual

Signature

ASEWater

*M. Rajesh*

Actual flow Rate

The Treated water Tank inner Dimension is 3.64 m x 6.64 m dia Dim. are measured by inch tape. Then height marked at 10 cm, IPR outlet water Reached at the 10cm at 7 minutes therefore the Actual volume of the measured Dimension is  $3.64 \times 6.64 \times 0.1$  m = 2.42 m<sup>3</sup> at 7 min Reading of  $\Rightarrow 2.42 / 7 \Rightarrow 0.346$  m<sup>3</sup>  
Actual flow rate  $\Rightarrow 0.346$  of the IPR  $\Rightarrow 346$  LPM

*M. Rajesh*