

## ***Interactive comment on “Application of Machine Learning For Real-time Evaluation of Salinity (or TDS) in Drinking Water Using Photonic Sensor” by Sandip Kumar Roy and Preeta Sharan***

**Anonymous Referee #2**

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The manuscript can be accepted for publication if the followed comments are addressed: 1. The authors should compare the studied system with traditional TDS measurement, and highlight the advantages and disadvantages of the studied system for drinking water monitoring. 2. In the last sentence of the abstract, will the studied tool give a value of measured TDS? Or does it only give an answer of YES or NO if the TDS is below 1000 ppm. Please clarify it. 3. To what range of TDS concentration will the device measure? what is the accuracy? 4. whether the turbidity and organic matters in the drinking water influence the measurement by the studied device?

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Interactive comment on Drink. Water Eng. Sci. Discuss., doi:10.5194/dwes-2016-4, 2016.