



**BIO-ORGANIC CATALYST**  
THE POWER IN NATURE®

**CASE STUDY**  
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## Springs EcoSystem Plus® Trial

Trial for 2 months Starting on February 23, 2014

Readings from February 1st to April 1st

### Primary Scope of Trial

- Increase DO in Aerator A and B and prove the Efficiency of EcoSystem Plus®

### Secondary Benefits

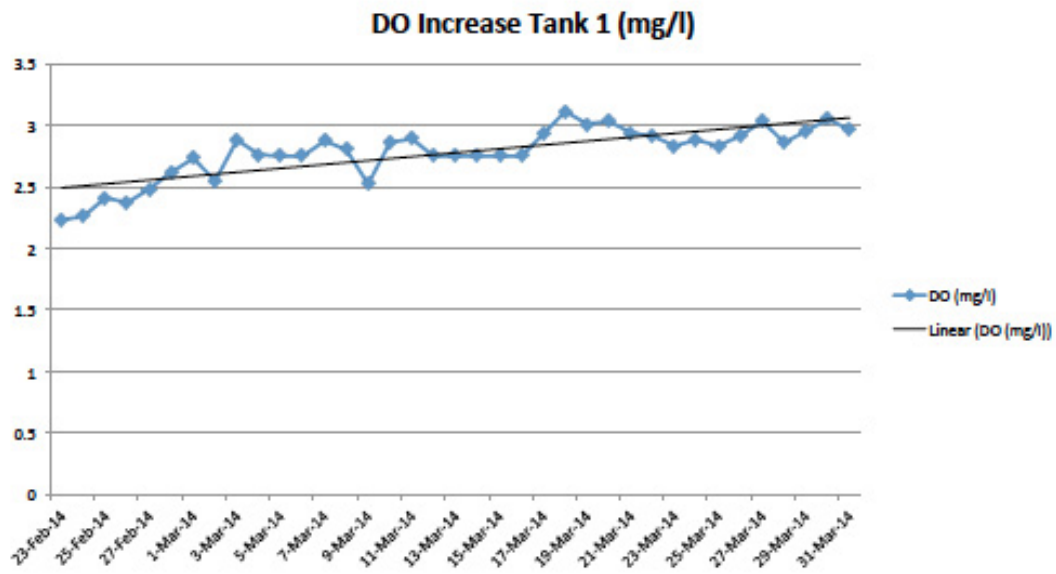
- Reduce TDS
- Reduce TSE BOD & COD
- Reduce TSE  $\text{NH}_3$ ,  $\text{NO}_2$ --N,  $\text{PO}_4$ --P
- Reduce Polymer Usage

### Dosing Schedule

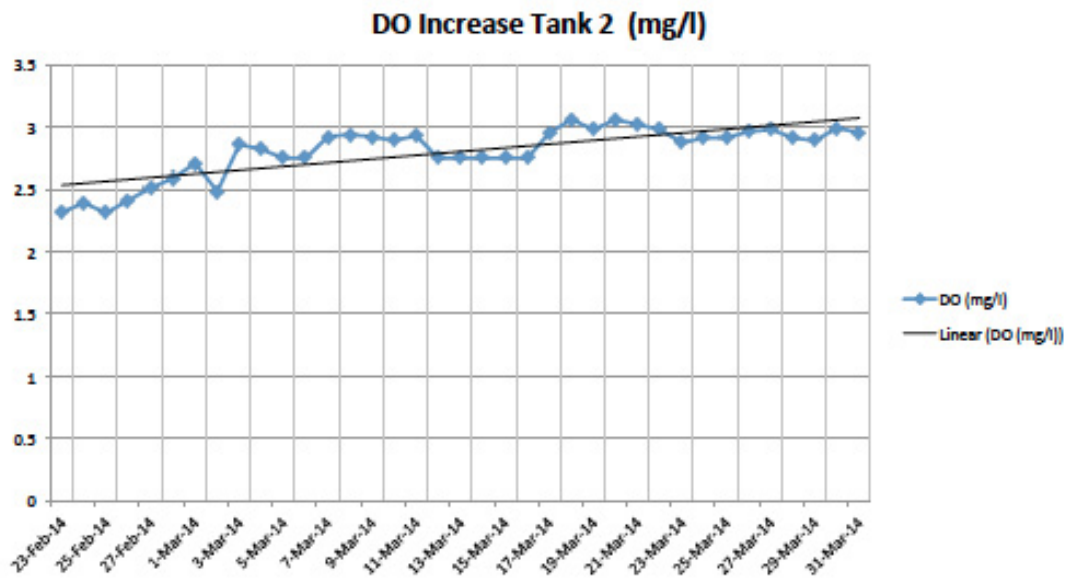
- Plant Capacity 6000m<sup>3</sup>
- Dosing 25 Liters Per Day (1ppm for every 100 BOD)



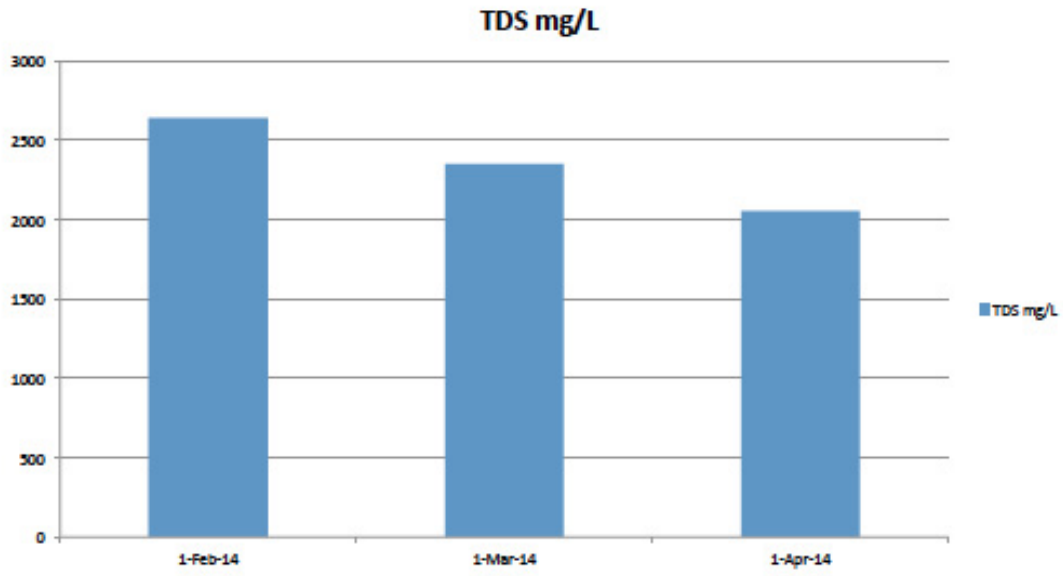
## DO Increase Tank A



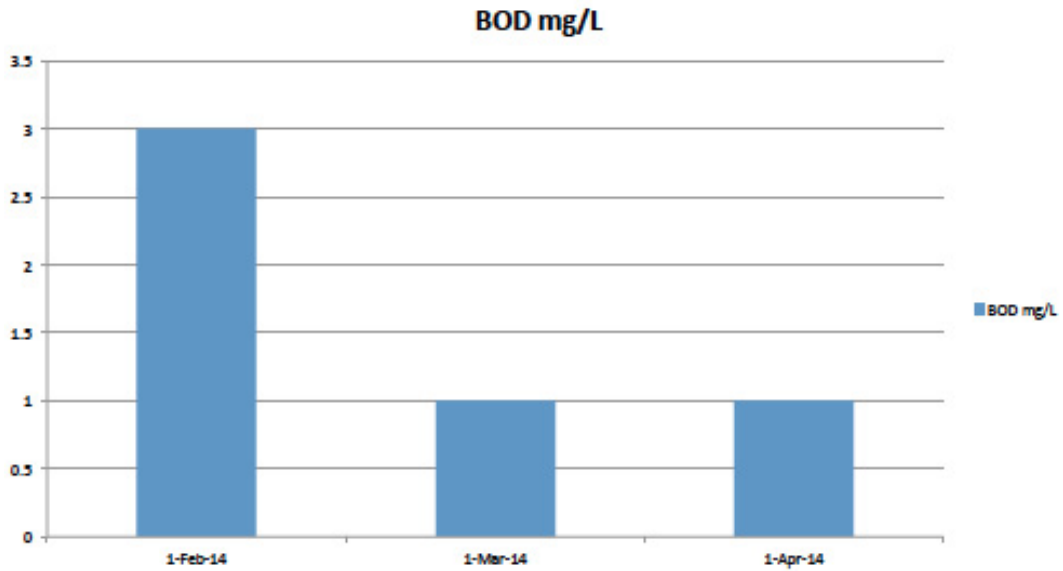
## DO Increase Tank B



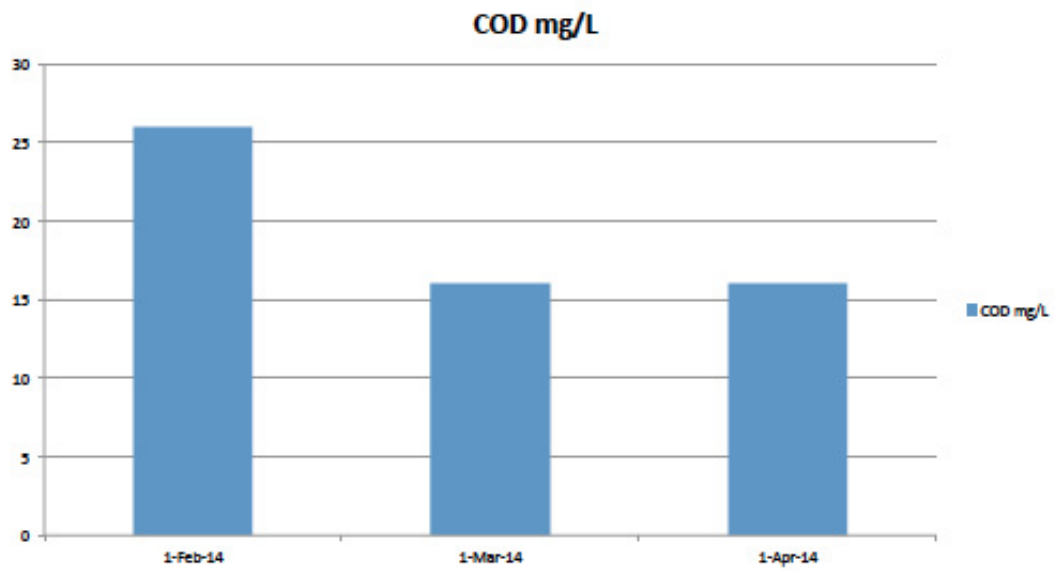
## TDS Reduction



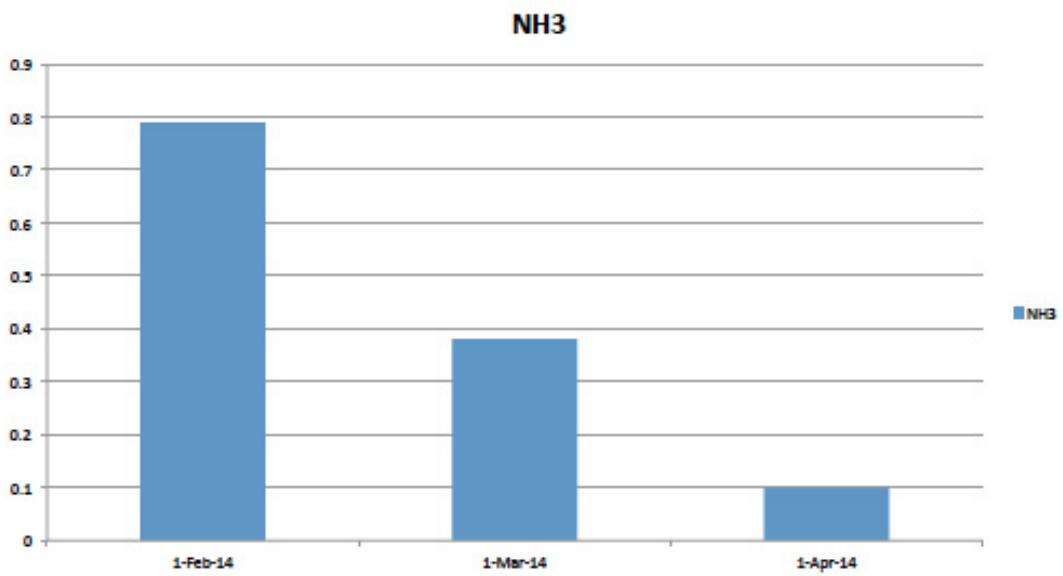
## BOD Reduction



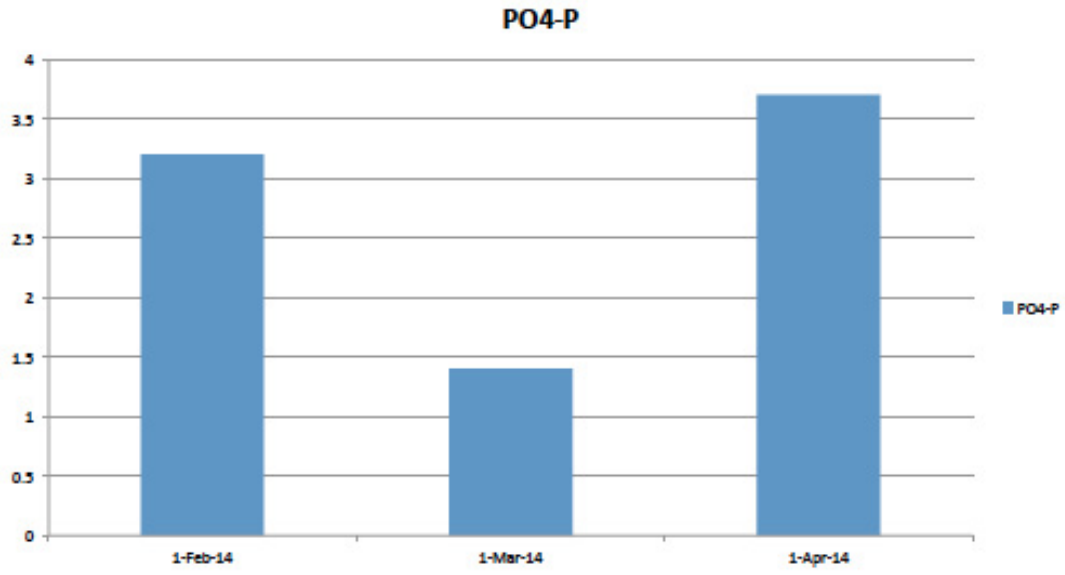
## COD Reduction



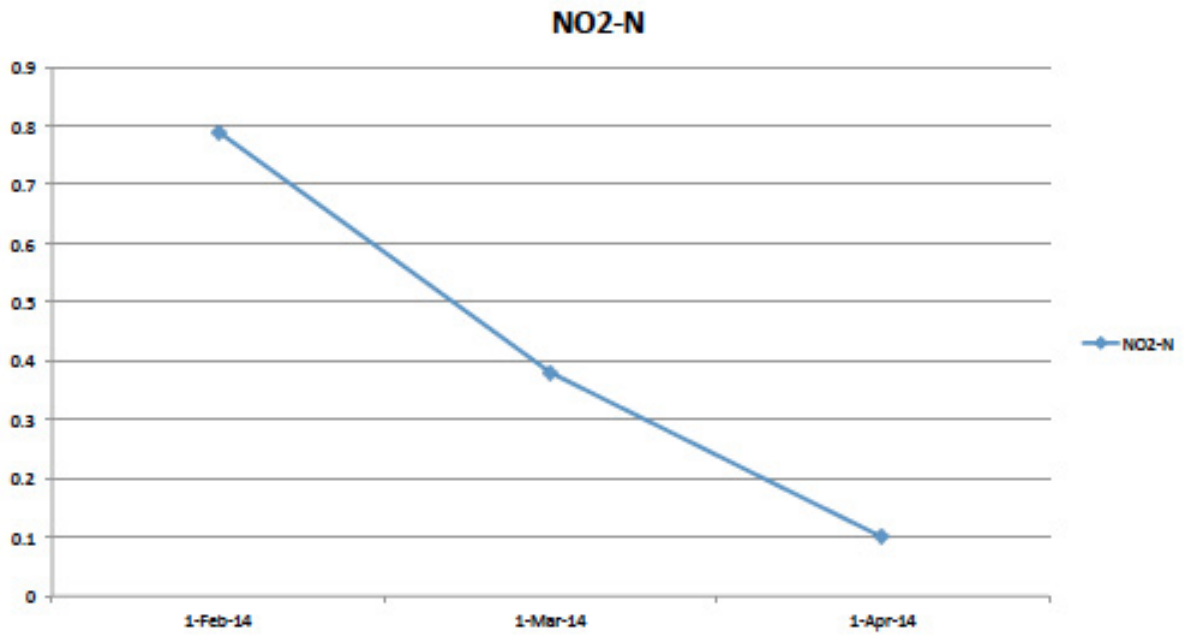
## NH<sub>3</sub> Reduction



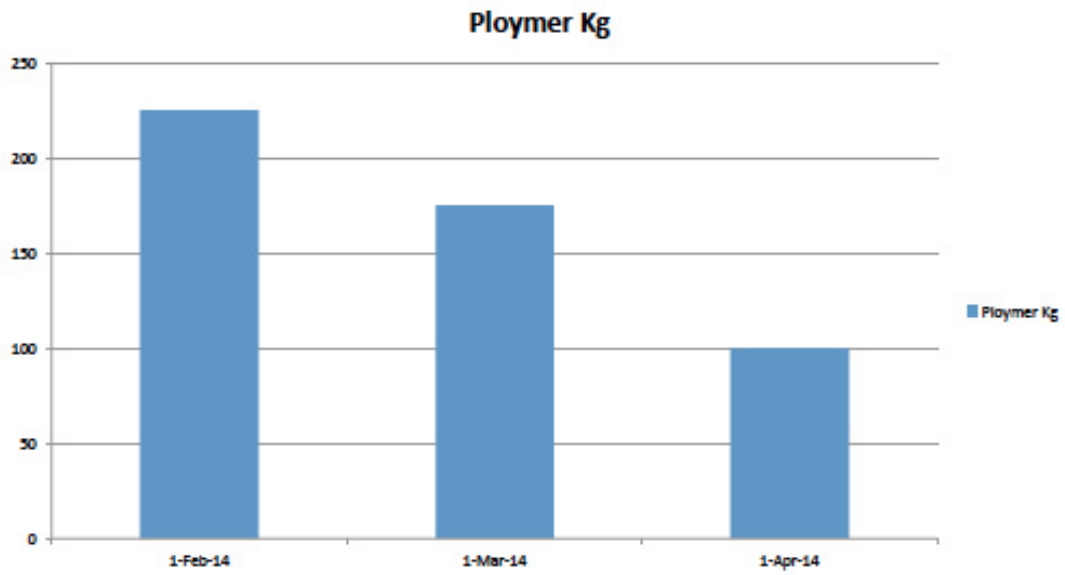
## PO<sub>4</sub>--P Change



## NO<sub>2</sub>--N Reduction



## Polymore Reduction



## End of Trial Colour Change in Tank

