

Lab Job Number :  
 Customer : PT. Biosolutions Indonesia  
 Project Name : Name of Project/Location  
 Customer Ref :

Re : Lab Test Summary with Benchmark, Feb 2013

Laboratory Sample I.D :					Benchmarks	Benchmarks	
Customer Sample I.D :					After 10" Twin Filter UV unit	KepMenKes 492 Drinking Water Limits	USA - EPA
Date Sampled :							
Sample Matrix :					Drinking Water		
No.	Test Description	Unit	Technique	Results	Depkes Parameters: April 19, 2010	EPA Parameters: In Force Dec 2011	
<b>Physical</b>							
1	Colour	skala TCU	APHA 2120 C-2005	1	15	15	
2	Odor	-	SNI 06-6860-2002	Odorless	Normal	Threshold Number: 3	
3	Taste	-	SNI 06-6859-2002	Tasteless	Normal		
4	Turbidity	skala NTU	APHA 2130 C-2005	0.93	5	<5	
5	Total Dissolved Solids, TDS	mg/L	IK 61 (Conductivity/TDS Meter)	146.6	500	500	
<b>Chemical</b>							
6	Organic matter by KMnO <sub>4</sub>	mg/L	IK 22 (Titrimetric)	0.92	10		
7	pH	-	SNI 06-6989.11-2004	6.7	6.5-8.5	6.5 - 8.5	
8	Total Hardness	mg/L	SNI 06-6989.12-2004	126.80	500	500	
9	Iron, Fe	mg/L	SNI 6989.4.2009	<0.155	0,3	0,3	
10	Manganese, Mn	mg/L	SNI 6989.5.2009	<0.048	0,4	0,05	
11	Sulphate, SO <sub>4</sub> <sup>2-</sup>	mg/L	SNI 6989.20.2009	42	250	250	
12	Nitrite by NO <sub>2</sub> <sup>-</sup>	mg/L	SNI 06-6989.9-2004	0.006	3	1	
13	Chloride, Cl <sup>-</sup>	mg/L	SNI 6989.19.2009	13.01	250	250	
14	Aluminium, Al	mg/L	IK 42 (Spectrophotometric)	<0.062	0,2	0,2	
15	Ammonium, NH <sub>3</sub> <sup>+</sup>	mg/L	IK 37 (Spectrophotometric)	<0.17	1,5	Advisory only	
16	Fluoride, F <sup>-</sup>	mg/L	IK 40 (spectrophotometric)	<0.16	1,5	4	
17	Nitrate by NO <sub>3</sub> <sup>-</sup>	mg/L	APHA 4500-NO <sub>3</sub> <sup>-</sup> B-2005	19.920	50	10	
18	Zinc, Zn	mg/L	SNI 06-6989.7-2004	<0.080	3	5	
19	Cyanide, CN	mg/L	IK 39 (spectrophotometric)	<0.028	0,07	0,2	
20	Free Chlorine, Cl <sub>2</sub>	mg/L	IK 43 (spectrophotometric)	-	0.2-1.0		

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					Bacteriological Section		
<b>Microbiology Tests</b>							
1	E. Coli	MPN/100ml	Incubation	0	0	0	
2	Total Coliform	MPN/100ml	Incubation	0	0	0	