



DEPARTMENT OF ENVIRONMENTAL ENGINEERING

LABORATORY FOR STUDY OF ENVIRONMENTAL ENGINEERING

1. To study the effect of pH on the solubility of a solid substance.
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S. No.	pH	Solubility (g/l)		Remarks
		Before	After	
1	4.0	0.1	0.1	
2	4.5			
3	5.0	0.2	0.2	
4	5.5	0.3	0.3	
5	6.0	0.4	0.4	
6	6.5	0.5	0.5	
7	7.0	0.6	0.6	
8	7.5	0.7	0.7	
9	8.0	0.8	0.8	
10	8.5	0.9	0.9	

TOTAL SOLUBILITY

CONCLUSION: The solubility of a solid substance increases with the increase in pH.



Signature of the student

Signature of the teacher

Date: / /