

VII

LIST OF FIGURES

<u>SR.NO:</u>	<u>T I T L E</u>	<u>PAGE NO:</u>
1.	Complete or total bacterial oxidation of organic matter (modified after Porges 1960)	... 41
2.	Bacterial oxidation of organic matter using <u>Chlorella vulgaris</u> :	... 44
3.	Bio-oxidation of organic matter in high-rate aerobic oxidation pond using (a) <u>Chlorella vulgaris</u> and (b) <u>Euglena gracilis</u> .	... 42
4.	Bacterial oxidation of organic matter using <u>Euglena gracilis</u> :	... 44
5.	Algal photosynthesis and Algal-bacterial symbiosis using <u>Euglena gracilis</u> .	... 48
6.	Biochemistry of algal-bacterial symbiosis in high-rate aerobic pond system (Modified Oswald and Gotaas 1958)	... 67
7.	Algal photosynthesis and algal-bacterial symbiosis using <u>Chlorella vulgaris</u>	... 45
8.	Biochemistry of Algal-bacterial symbiosis in high-rate aerobic pond system (modified after Stumm 1968).	... 58
9.	High-rate aerobic pond (Model)	... 72
10.	Total and free sugar available and used up by using <u>Microcystis aeruginosa</u> .	... 48
11.	Amino-nitrogen and volatile acids available and used up by using <u>Microcystis aeruginosa</u> .	... 48
12.	Protein available and used up by using <u>Microcystis aeruginosa</u> .	... 48
13.	High-rate aerobic pond for algal production	... 87
14.	complete bacterial oxidation in high-rate aerobic oxidation pond	... 47

\$\$\$\$\$\$