

Materials List for:

Comparison of Scale in a Photosynthetic Reactor System for Algal Remediation of Wastewater

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Materials

Name	Company	Catalog Number	Comments
Aquarium Tank			Any 100+ L aquarium tank with optically clear glass can be used
RW 3.5	MicroBio Engineering		Raceway Pond
Eurostar 100 digital	IKA	4238101	Overhead mixers
Leachate	Sandtown Landfill		
Sampling Bottles	Nalgene		Plastic or glass, lab grade, 125-200 mL
Transfer Pumps			Garden type pump with drinking water quality hoses will be suitable
AmVer Salicylate Test 'N Tube	Hach	2606945	High Range Ammonia Tests
NitraVer X Nitrogen - Nitrate Reagent Set	Hach	2605345	High Range Nitrate Tests
NitriVer 2 Nitrite Reagent Powder Pillows	Hach	2107569	High Range Nitrite Tests
Hach DR2400 Spectrophotometer	Hach		The DR2400 was discontinued, but any DR series Hach spectrophotometer can be used in this application.
EMD Microbiological Analysis Membrane Filters	Millipore	HAWG047S6	0.45 µm filters