

DESIGN CHALLENGE PEER REVIEW FORM

Presenters: _____

Assessed by: _____

Date: _____

EVALUATION SCALE
 1—No evidence available for assessment
 2—Does not meet minimum requirement
 3—Minimum requirement questionable
 4—Satisfies minimum requirement
 5—Exceeds minimum requirement

Criteria	Evaluation					Weight	Points
	(-)			(+)			
The system is safe to handle and operate.	1	2	3	4	5	1 3 5	
The cost of the system is low.	1	2	3	4	5	1 3 5	
The system fits within 1 m ² area.	1	2	3	4	5	1 3 5	
The system is capable of performing several tests without repair.	1	2	3	4	5	1 3 5	
The design was based on appropriate principles of wastewater treatment.	1	2	3	4	5	1 3 5	
New contaminants did not appear to be added to the water during treatment.	1	2	3	4	5	1 3 5	
Treatment reduced the turbidity of the water.	1	2	3	4	5	1 3 5	
Nitrate and/or ammonia-N concentrations were reduced.	1	2	3	4	5	1 3 5	
Phosphate concentrations were reduced.	1	2	3	4	5	1 3 5	
Biological oxygen demand was reduced.	1	2	3	4	5	1 3 5	
Reasonable explanations were provided of the treatment system and its results.	1	2	3	4	5	1 3 5	
The presenters provided clear answers to any questions that were raised.	1	2	3	4	5	1 3 5	
						Total Points:	

In each row, multiply the **Evaluation** score by the **Weight** (assigned by the teacher) to get the **Point** score. Then sum the numbers in column 4 to get the **Total Points**.

Comments:

What was a particular strength of this wastewater treatment design?

What suggestions do you have for improving either this design or the way in which it was presented?