Central Valley Solution Criteria

■ Pollution must be removed from the water for public use.

■ A large volume of water should be cleared in each processing run.

Model Solution Criteria

Processed water should be visibly clear with very little observable pollution.
At least %10 of the water processed in each run should be cleared.



Water Clarity Scale

Processed water should be visibly clear with very little observable pollution.

Clear	Small amount of pollution	Somewhat cloudy	Very cloudy	Can't see through
		· · · · · · · · · · · · · · · · · · ·		
0	1	2	3	4



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Volume of Water Cleared

At least 9/10 of the water processed in each run should be cleared.





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Model Solution Criteria

■ Processed water should be visibly clear with very little observable pollution.

■ At least %10 of the water processed in each run should be cleared.

Clear	Small amount of pollution	Somewhat cloudy	Very cloudy	Can't see through
		· · · · · · · · · · · · · · · · · · ·	•••••	
0	1	2	3	4



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Model Solution Materials Constraints

Material	Limit	Notes
Cheesecloth	160 cm ²	Cheesecloth and coffee filter cannot be used together.
Coffee filter	1	Cheesecloth and coffee filter cannot be used together.
Cotton ball	4	
Craft stick	2	
Сир	2	Pouring cup does not count.
Glue		No limit
Hole punch		No limit
Metric ruler	1	
Net piece	15 cm length	
Rubber band (large)	2	
Rubber band (small)	4	
Rug canvas	1	Cannot be cut
Scissors		No limit
Straw	2	
String	20 cm	
Таре		No limit

Each solution model must be built with at least three different materials.

