Solution:
- Size: The garbage collecting nets are equal in size to the boat
- Material: Bay Net
- Strength: over 3 tons
- Bottom of net will be able to open and reclose
- Net will be laced with chlorine to further sanitize the area

Additional:
- Partition nets in racing area
- Barge that holds and collects the trash
- Community recycling program to keep the bay clean after the Olympics.

Background:
- Will be used for Summer 2016 Olympic water sports events
- Untreated sewage runs into the bay
- “In 1995 Rio de Janeiro State University identified 800 species in the bay, ten years later there were 400, and now there are just 35”
- **1.7 billion** viruses per liter of water
- **1.7 million** times more contaminants than American standards of hazardous water

Opportunity:
- “Athletes who ingest three teaspoons of water have a 99 percent chance of being infected by viruses”
- Long term solutions for the community
- “60% of Brazilian adults have been exposed to hepatitis A”
- 30% of the population doesn’t have access to clean water

Current:
- Eco Boats:
  - Too small for the amount of time we have remaining
- Mangroves:
  - Large trash items get caught in them hindering their progress
  - Favorable long-term solution

Impact:
- Reduce disease among:
  - **6.45 million** people living in Rio
  - **350,000** foreign tourists
  - **1,400** Olympic athletes competing in water sports
- Cleans up the community and makes the citizens proud to live there
- Raises awareness for the people in Rio that still don’t have access to clean water