Great pacific garbage patch

The pacific garbage patch is located north of Hawaii in the Pacific Ocean; however there is more than just one in the world, there are some of the cost of Asian countries and near Europe. The trash and waste from counties nearby is sucked into currents and eventually ends up in a gyre, or a whirl pool like current, and is stuck there. There are multiple patches located around the world; some are over near Japan, others in the Indian Ocean. The South garbage patch is about twice the size of Texas, however these garbage Patches are not large islands of garbage floating around, instead they are just the areas where lots of different clusters of trash (Marine debris, 2007). This prevents satellites and thermal readings from being able to get images of the patch.

A lot of the problems in these patches, for instants this are not just small piles of trash, there huge. The Pacific Patch is twice the size of Texas, literally bigger than the USA main land. However they also have small clusters that have very small water creatures that are too small to notice on the trash.

Management proposal:

* Advertise the dangers of littering at where the trash ends up fines and donations up to $3000 will go to sponsor this
* A patch of trash, primarily plastic, was discovered in the Pacific Ocean in 1997. This plastic comes from….One way to reduce the trash that ends up in this patch is to…
* A public awareness campaign will be launched by Animas High School.
* Propaganda posters will be posted in schools and in public assemble areas
* Recycling programs will be asked to donate money for the cause
* Schools must have Promotions against littering; there must be a speaker with an understanding if the problems.

Cons

* The cost of the propaganda may be to expensive than what it’s worth
* someone that knows what there actually doing and willing to talk in front of kids may be hard to find
* The possibility of not getting enough money may be a concern
* Setting up recycling programs that prevent littering and trash in the ocean.
* All cities near an ocean can’t have any landfills closer than 4 miles to a water sources. (river, lake, ocean)
* Grates must be placed at the river entry to the ocean to prevent trash from the river enter the ocean
* All cities near the ocean must have a plastic recycling program that can be accessed by everyone
* Non-profit Organizations such as the boy scouts are asked to do curtain service projects cleaning trash or helping the recycling companies.

Cons

* Grates put in front of the river entry may be too expensive to get
* Cities may not want to have recycling programs do to the cost
* Nonprofit organizations may not be willing to help
* There may not be enough room to have a four mile radius between the land fill and water sources
* Set rules about fishing in the area of Rivers In the La Plata County area
* Grates will be placed in the entrance of the lakes to prevent trash from leaving the lakes and making its way to the ocean.
* Any fisherman near the Animas river who is caught littering will have his fishing license revoked and be charged $ 200. All money will go to funds towards the clean up.
* Raft guide companies must give a report during the raft season on the pollution in the river

Cons

* Again the grates might still be expensive for the city
* There might be a burden on the rafting companies to do this
* There has to be extra patrols to look for fishermen littering on the river
* All cities near an ocean can’t have any landfills closer than 4 miles to a water sources. (river, lake, ocean)
* Boats fishing near the Patch must pick up trash if sited in an effort to keep it contained in one area.
* All cities near the ocean must have a plastic recycling program that can be accessed by everyone
* Grates must be placed at the river entry to the ocean to prevent trash from the river enter the ocean
* Patrol boats have two monitor the patch at least twice a month to get more information about the movement of the patch
* Schools must have Promotions against littering, there must be a speaker
* Propaganda posters will be posted in schools and in public assemble areas

1. <http://marinedebris.noaa.gov/info/patch.html> (2008)
2. <http://www.telegraph.co.uk/earth/environment/9253665/Great-Pacific-Garbage-Patch-has-increased-100-fold-since-the-1970s.html> (6:55AM BST 09 May 2012)
3. <http://discovermagazine.com/2008/jul/10-the-worlds-largest-dump> (From the [July 2008 issue](http://discovermagazine.com/2008/jul); published online July 10, 2008)
4. <http://education.nationalgeographic.com/education/encyclopedia/great-pacific-garbage-patch/?ar_a=3> (2010)

###### <http://www.forbes.com/sites/amywestervelt/2012/07/17/the-great-pacific-garbage-patch-methods-new-soap-bottle-and-environmental-storytelling/> (7/17/2012)

###### <http://deepseanews.com/2012/08/three-ways-of-looking-at-the-great-pacific-garbage-patch/> (August 20th, 2012)

###### <http://www.nytimes.com/2009/11/10/science/10patch.html> (By LINDSEY HOSHAW Published: November 9, 2009)

###### <http://www.hawaiireporter.com/marine-sciences-student-sails-into-the-garbage-patch/123> (Friday, November 2nd, 2012)