

Return Flight: Restoring the Bald Eagle to the Channel Islands
Biomagnification and Population Restoration
Guided Viewing Worksheet

1: *Why* is the Bald Eagle so important to the Channel Islands ecosystem?

2: *What caused* a drastic decline in Bald Eagle population?

3: **Explain** the use of AND the problem with the use of DDT its affect on birds.

4: *How* did DDT reach the Channel Islands?

5: *What* does DDT break down into in the natural environment? *When* was DDT banned in the U.S.?

6: Chemical magnify up the food chain- **EXPLAIN** how DDT in the marine environment will affect the Eagles.

7: **Explain** the process that biologists took to try to rehabilitate the Bald Eagle population in the Channel Islands.

8: Why did **Natural Resource Managers** choose Santa Cruz Islands as the island to restore?

9: *How and why* is GPS data used to monitor the Eagles?

Summarize what you have learned about Biomagnification:

DDT Conflict Video Worksheet

1: *When* was the American Eagle placed on the Endangered Species List?

2: Who wrote the book, "*Silent Spring*"? What was the topic of the book? *What were the consequences of the book?*

3: *How often* are children killed by Malaria in the African continent?

4: What is the **controversy** with the use of DDT?

Assignment: Write a persuasive essay either **FOR** or **AGAINST** the use of DDT.
(*see handout for persuasive essay format*)