# **FFL Principle 9- Protect the Waterfront** UF CPETUF CPETUF CPET

# **Waterfront Health Check Case Study**

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Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*SC.912.L.17.20: Predict the impact of individuals on environmental systems and examine how human lifestyles affect sustainability.*

**Case Study Development Task**

**Title:** Lifestyles That Heal the Water

**Goal:** Investigate a real-world example of how individuals or communities reduced water pollution through behavioral or landscaping changes.

**Student Directions:**

1. Choose a location in Florida near a lake, river, or coastal area.
2. Identify the environmental issue (e.g., algal blooms, fertilizer runoff, erosion).
3. Describe the actions taken (e.g., rain gardens, fertilizer bans, native buffers).
4. Explain the environmental results (e.g., clearer water, return of aquatic life).
5. Reflect on how this could apply locally.
6. Fill out the following chart and prepare a 2-3 minute video or narrated slideshow with the information.

| ***Chosen Location*** |  |
| --- | --- |
| ***Environmental Issue*** |  |
| ***Actions Taken*** |  |
| ***Environmental Results*** |  |
| ***Reflection & Local Applications*** |  |