

Explore More: Water Quality

What could be done to prevent rising pollution problems from agricultural and personal uses of water?

View your quest.

You are a concerned citizen living in an agricultural town along a mid-sized river used for recreational purposes. You have noticed that the agricultural and personal uses of water have begun to pollute your area streams. Make a proposal to your city council outlining your area's pollution problems. Create a community-wide plan for your city to implement that would address stakeholders' needs while solving these problems.

Find the problem.

- What are the current problems?
Who does it involve?
Where is the problem?
- What is happening?
How is it affecting people, places, processes?
- What stands in the way?
(individuals, groups, laws, conditions, situations, resources,...)

Explore possible solutions.

- What are some possible ways to overcome these problems? Are these possible solutions realistic? Reasonable? Workable? Feasible?
- What seems to be the most appropriate strategy or alternative for solving the problem?
- How would this solution solve the problems? What are the specific details? Is each step logical? Does each step lead to solving the problem?
- What are the likely consequences of putting this solution into place?

Recommend a solution.

- What is the best solution to the problem? What solution would I recommend? How would I defend my solution with reasoning and facts?
- What if none of the solutions work? Have I exhausted my possible solutions, and am I still unsatisfied? How can I rephrase, revise, reshape, or reframe my problem?
- Should I repeat this process with my newly reframed problem?

Get started.

Think about who the stakeholders are and why they have these ideas. Look for accurate, unbiased information. Think about the important facts and how you will use the information. Begin your quest with these clips...then explore more!

- Larry Ginter: *Local Control*
- Lynette Seigley: *Don't Judge a Book by Its Cover*
- Bill Stowe: *What Comes In*
- Bill Stowe: *What Goes Out*
- L.D. McMullen: *Silver Bullet*
- Wayne Petersen: *Native Ecosystem*
- Joe Bolkcom: *Buffer Strip Programs*
- Robin Pruisner: *Regulation's Effects*
- L.D. McMullen: *Regulation*
- Bill Stowe: *Treatment By-Products*
- Allen Burt: *Farmer's Legacy*

Organize your thoughts.

Use the graphic organizer on the next page to help you solve your DVDquest. Record your thoughts. Keep track of your evidence. The problem is "messy" but your solution to the DVDquest will be worthwhile.

Explore more.

Be sure to search other places on the DVD to find information about the problems, issues, and consequences of water quality and to gather support for your community action proposal for the city council.



DVDquest: Solving a Problem

 Graphic Organizer

NAME _____

DATE _____

DIRECTIONS: Use the space below to record information and thoughts about your DVDquest. Keep in mind that the ideas you record may not make sense at first and may lead you down paths that you will later discard. The problem is "messy" but your solution to the DVDquest will be worthwhile.

My DVDquest:

My Goal(s):

Obstacles, barriers, limitations:

Reasons why these are obstacles, barriers:

These are three possible solutions to the problem:

1.

2.

3.

Testing the solutions:

Solution #1:

How would it work? What will it do?

Solution #2:

How would it work? What will it do?

Solution #3:

How would it work? What will it do?

My Results:

This is the best solution, and this is why.