

## High School Discussion Tool

### Hydrologist

Name: \_\_\_\_\_

### CAREER AWARENESS:

**Before viewing the video:** In the middle column, write what you already know about each question.

**After viewing the video:** In the last column, write additional information that you learned from the video.

	What I already know	What I learned from the video
1. What is the difference between hydrology and hydrogeology?		
2. Why should we study interaction between surface and ground water?		
3. What is meant by "field work?"		
4. What would a hydrologist be analyzing water for?		
5. Why would a client want their water well analyzed?		
6. What is meant by "remediate" water?		
7. Is the only career path for a hydrologist working for the government?		
8. How could you use fine arts in this career?		

## CAREER EXPLORATION

Explore this career more deeply by finding the answers to these questions:

	Information that I found
1. What type of education would you need after high school if you wanted to become a Hydrologist? Technical school? College? Graduate school? etc.	
2. What is the demand for this type of job (in Ohio? in the United States? Internationally?)	
3. How much does this career pay?	
4. What schools or colleges in Ohio offer programs or courses in this area?	
5. What skills would you need for this career?	
6. What level of fine arts knowledge would be necessary or helpful in this career? Why?	

## CAREER PLANNING

*Research the courses you would need in order to prepare for a career as a Hydrologist.*

	Information that I found
1. Visit the website of an Ohio (or other) college or school that offers a degree in this field.	Name of college/website:
2. What are the types of courses that are required for a degree in this field?	
3. Are there required courses for this degree that surprised you? Which ones?	
4. What scholarship, intern or research opportunities are available that would help prepare you for this career?	
5. During your research, what similar careers did you see that might be of interest to you?	
6. What courses are offered at our high school that would help prepare you for a career in hydrology?  How do the courses that you select early in life open or close job opportunities for you in the future?	