

***APPENDIX III***  
***Outfall Program Protocol***  
***for***  
***Contaminated Outfalls***

**WATERS of Jefferson County**  
**Year Zero**

**Watershed Approach To Environmentally  
Responsible Stewardship**

## **Student Outfall Program**

(Protocol when contaminated outfall is located)

1. Student/Technician samples outfall and determines it is contaminated
  - ⇒ Contaminated if any of the following is present
    - Phenols
    - Detergents
    - Copper
    - Chlorine
2. Technician contacts MSD's Customer Service (587-0603)
3. Technician tells Customer Service Representative that they are with the Student Outfall Program and have located a contaminated outfall
4. Technician gives Customer Service Representative the following information:
  - ⇒ Technician's Name
  - ⇒ Cell phone number
  - ⇒ Contaminant
  - ⇒ Outfall identification number
  - ⇒ Outfall location
5. Customer Service contacts ICAM ERT Representative and passes on pertinent information
6. ERT Representative phones Technician in the field within 20 minutes
7. Students/Technician remain at outfall until contacted by the ERT Representative (wait only one hour)
8. Students/Technician meets ERT Representative at outfall (wait only one hour)
9. The ERT Representative gives the Technician the following information
  - ⇒ ERT Representative's Name
  - ⇒ Cell Phone Number
  - ⇒ Pager Number
10. The Students/Technician continues with walking of stream to identify outfalls
11. ERT Representative tests the contaminated outfall for contaminants
  - ⇒ Fecal Coliform
  - ⇒ Surfactant
  - ⇒ Metals
  - ⇒ Organics
  - ⇒ Indicator Pollutants (LEL, pH, optical brightner, conductivity, temperature, etc.)
12. Within 30 days, the ERT Representative traces outfall to source
  - ⇒ Dye Trace
  - ⇒ Tele-Inspection
  - ⇒ Or Any Other Tracing Techniques
13. ERT Representative makes attempt to make contact with property owner at the time of the identification of an illegal discharge.
  - ⇒ If the ERT Representative can not trace the discharge to the appropriate property owner, then the ERT Representative will schedule the appropriate means by which to identify the source. Once identified, the ERT Representative will again attempt to talk with the responsible property owner.
14. The ERT Representative will contact the Health Department if sewage is being discharged to the stream/swale/etc.
15. The ERT Representative will issue a Correction Notice, if initial contact does not produce an elimination of discharge, to the Property Owner. This Notice may be a Cease and Desist Order if there is an immediate threat to the environment.
16. After 24 hours, the Student retests the contaminated outfall.

17. If the contaminated outfall is:
- ⇒ Still contaminated
    - The Student contacts the responsible ERT Representative and passes on the information
    - The Student follows appropriate Student Outfall Procedures for a contaminated outfall
  - ⇒ Is not contaminated
    - The Student follows appropriate Student Outfall Procedures for an uncontaminated outfall
18. The Student will revisit outfalls on a weekend
19. If an outfall is:
- ⇒ Contaminated
    - For the first time:
      - ◇ The Student follows appropriate procedures
      - ◇ Follows up on contaminated outfall within 24 hours
    - Still Contaminated from the previous sampling:
      - ◇ The Student contacts the responsible ERT Representative and passes on the information
      - ◇ The Student follows appropriate Student Outfall Procedures for a contaminated outfall
  - ⇒ Is not contaminated
    - The Student follows appropriate Student Outfall Procedures for an uncontaminated outfall
20. The Student will revisit the contaminated outfall in the evening hours
21. If an outfall is:
- ⇒ Contaminated
    - For the first time:
      - ◇ The Student follows appropriate procedures
      - ◇ Follows up on contaminated outfall within 24 hours
    - Still Contaminated from previous sampling
      - ◇ The Student contacts the responsible ERT Representative and passes on the information
      - ◇ The Student follows appropriate Student Outfall Procedures for a contaminated outfall
  - ⇒ Is not contaminated
    - The Student follows appropriate Student Outfall Procedures for an uncontaminated outfall
22. The Student will revisit the contaminated outfall during the fall months
23. If an outfall is:
- ⇒ Contaminated:
    - For the first time:
      - ◇ The Student follows appropriate procedures
      - ◇ Follows up on the contaminated outfall within 24 hours
    - Still Contaminated from previous sampling:
      - ◇ The Student contacts the responsible ERT Representative and passes on the information
      - ◇ The Student follows appropriate Student Outfall Procedure for a contaminated outfall
  - ⇒ Is not contaminated
    - The Student follows appropriate Student Outfall Procedures for an uncontaminated outfall