



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Biological Resources Division
Upper Midwest Environmental Sciences Center
2630 Fanta Reed Road
La Crosse, Wisconsin 54603

MEMORANDUM

Date: April 10, 2012

To: The Study Record, Study Number AEH-09-MAS-02, Upper Midwest Environmental Sciences Center (UMESC)

From: Study Director, UMESC, La Crosse WI

Subject: Authorization to destroy all water samples reserved at UMESC Study Number AEH-09-MAS-02, **“Field effectiveness of Aquaflor® (florfenicol) and Terramycin 200 For Fish® (oxytetracycline dihydrate) to control mortality in coolwater and warmwater finfish due to Motile Aeromonad infections”**

Following completion of microbiological sample processing, 60 presumptive *Aeromonas* species were frozen for identification in AEH-11-MAS-01. Approximately 15 samples of each distinct colony morphology were identified and frozen for retention and further identification. All remaining samples were from the initial sample collection or subculturing for pure cultures. Plates and colonies have become expired and little to no use for the plates remains. Any identification or culturing processes will be done through the frozen samples.

I authorize the destruction of all microbiological samples reserved at UMESC (see Water sample destruction inventory, pages 2-4 of 4) from Study Number AEH-09-MAS-02 with the following provision: that 60 samples are retained for future testing AEH-11-MAS-01.

I concur with the destruction of these samples.

Maren T. Tuttle-Lau Date
Principal Investigator
USGS-UMESC
2630 Fanta Reed Road
La Crosse, WI 54603

I authorize the destruction of these samples.

Mark P. Gaikowski Date
Study Director
USGS-UMESC
2630 Fanta Reed Road
La Crosse, WI 54603

WAE Samples Destroyed

Date Collected	Sample Number	Verified	Date/Initials
15-Jul-11	T11001		
15-Jul-11	T11002		
15-Jul-11	T12001		
15-Jul-11	T12002		
15-Jul-11	T13001		
15-Jul-11	T13002		
15-Jul-11	T14001		
15-Jul-11	T14002		
15-Jul-11	T15001		
15-Jul-11	T15002		
15-Jul-11	T16001		
15-Jul-11	T16002		
15-Jul-11	T17001		
15-Jul-11	T17002		
15-Jul-11	T18002		
15-Jul-11	T19001		
15-Jul-11	T19002		
15-Jul-11	T20002		
16-Jul-11	T11-01		
16-Jul-11	T11-01		
16-Jul-11	T11-02		
16-Jul-11	T11-02A		
16-Jul-11	T11-02B		
16-Jul-11	T12-01		
16-Jul-11	T12-01A		
16-Jul-11	T12-01B		
16-Jul-11	T12-02		
16-Jul-11	T12-02A		
16-Jul-11	T12-02B		
16-Jul-11	T13-01		
16-Jul-11	T13-01		
16-Jul-11	T13-02		
16-Jul-11	T13-02		
16-Jul-11	T14-01		
16-Jul-11	T14-01A		
16-Jul-11	T14-01B		
16-Jul-11	T14-02		
16-Jul-11	T14-02		
16-Jul-11	T15-01		

Date Collected	Sample Number	Verified	Date/Initials
16-Jul-11	T15-01A		
16-Jul-11	T15-01B		
16-Jul-11	T15-02		
16-Jul-11	T15-02		
16-Jul-11	T16-01		
16-Jul-11	T16-01		
16-Jul-11	T16-02		
16-Jul-11	T17-01		
16-Jul-11	T17-01		
16-Jul-11	T17-02		
16-Jul-11	T17-02		
16-Jul-11	T18-01		
16-Jul-11	T18-01A		
16-Jul-11	T18-01B		
16-Jul-11	T18-02		
16-Jul-11	T18-02A		
16-Jul-11	T18-02B		
17-Jul-11	T20-01		
17-Jul-11	T20-01		
17-Jul-11	T20-02		
17-Jul-11	T20-02		
18-Jul-11	T16-02		
18-Jul-11	T18001		
18-Jul-11	T19-01		
18-Jul-11	T19-01A		
18-Jul-11	T19-01B		
18-Jul-11	T19-02		
18-Jul-11	T19-02		
18-Jul-11	T20001		
21-Jul-11	T1-01		
21-Jul-11	T1-02		
21-Jul-11	T1-03		
21-Jul-11	T1-04		
21-Jul-11	T1-05		
21-Jul-11	T1-06		
21-Jul-11	T1-07		
21-Jul-11	T1-08		
21-Jul-11	T1-09		
21-Jul-11	T1-10		
21-Jul-11	T11-03		

Date Collected	Sample Number	Verified	Date/Initials
21-Jul-11	T11-04		
21-Jul-11	T1-11		
21-Jul-11	T1-12		
21-Jul-11	T1-13		
21-Jul-11	T1-14		
21-Jul-11	T1-15		
21-Jul-11	T12-03		
21-Jul-11	T12-04		
21-Jul-11	T13-03		
21-Jul-11	T13-04		
21-Jul-11	T14-03		
21-Jul-11	T14-04		
21-Jul-11	T15-03		
21-Jul-11	T15-04		
21-Jul-11	T16-03		
21-Jul-11	T16-04		
21-Jul-11	T17-03		
21-Jul-11	T17-04		
21-Jul-11	T18-03		
21-Jul-11	T18-04		
21-Jul-11	T19-03		
21-Jul-11	T9-01		
21-Jul-11	T9-02		
21-Jul-11	T9-03		
21-Jul-11	T9-04		
21-Jul-11	T9-05		
21-Jul-11	T9-06		
21-Jul-11	T9-07		
21-Jul-11	T9-08		
21-Jul-11	T9-09		
21-Jul-11	T9-10		
21-Jul-11	T9-11		
21-Jul-11	T9-12		
21-Jul-11	T9-13		
21-Jul-11	T9-14		
21-Jul-11	T9-15		
22-Jul-11	T19-04		
22-Jul-11	T20-03		
22-Jul-11	T20-04		
24-Jul-11	T10-01		
24-Jul-11	T10-02		

Date Collected	Sample Number	Verified	Date/Initials
24-Jul-11	T2-01		
24-Jul-11	T2-02		
24-Jul-11	T3-01		
24-Jul-11	T3-02		
24-Jul-11	T8-01		
24-Jul-11	T8-02		
24-Jul-11	T9-01		
24-Jul-11	T9-02		
25-Jul-11	T1-01		
25-Jul-11	T1-02		
25-Jul-11	T11-05		
25-Jul-11	T11-06		
25-Jul-11	T12-05		
25-Jul-11	T12-06		
25-Jul-11	T13-05		
25-Jul-11	T13-06		
25-Jul-11	T14-05		
25-Jul-11	T14-06		
25-Jul-11	T15-05		
25-Jul-11	T15-06		
25-Jul-11	T16-05		
25-Jul-11	T16-06		
25-Jul-11	T17-05		
25-Jul-11	T17-06		
25-Jul-11	T18-05		
25-Jul-11	T18-06		
25-Jul-11	T19-05		
25-Jul-11	T19-06		
25-Jul-11	T20-05		
25-Jul-11	T20-06		
28-Jul-11	A7-04		
28-Jul-11	B4-09		
28-Jul-11	FW-01		
28-Jul-11	FW-03		
28-Jul-11	FW-04		
28-Jul-11	FW-05		
28-Jul-11	FW-06		
28-Jul-11	FW-07		
28-Jul-11	FW-08		
28-Jul-11	FW-09		

Date Collected	Sample Number	Verified	Date/Initials
28-Jul-11	FW-10		
28-Jul-11	FW-11		
28-Jul-11	FW-13		
28-Jul-11	FW-14		
28-Jul-11	FW-15		
28-Jul-11	FW-16		
28-Jul-11	FW-17		
28-Jul-11	FW-19		
28-Jul-11	FW-20		
28-Jul-11	FW-21		
28-Jul-11	FW-24		
28-Jul-11	FW-25		
28-Jul-11	FW-26		
28-Jul-11	FW-27		
28-Jul-11	FW-28		
28-Jul-11	FW-29		
28-Jul-11	FW-30		
28-Jul-11	OW-02		
28-Jul-11	OW-03		
28-Jul-11	OW-04		
28-Jul-11	OW-05		
28-Jul-11	OW-06		
28-Jul-11	OW-07		
28-Jul-11	OW-08		
28-Jul-11	OW-09		
28-Jul-11	OW-10		
28-Jul-11	OW-12		
28-Jul-11	OW-13		
28-Jul-11	OW-14		
28-Jul-11	OW-15		
28-Jul-11	OW-17		
28-Jul-11	OW-18		
28-Jul-11	OW-19		
28-Jul-11	OW-20		
28-Jul-11	OW-21		
28-Jul-11	OW-22		
28-Jul-11	OW-23		
28-Jul-11	OW-24		
28-Jul-11	OW-25		
28-Jul-11	OW-26		

Date Collected	Sample Number	Verified	Date/Initials
28-Jul-11	OW-27		
28-Jul-11	OW-29		
1-Aug-11	T10-03		
1-Aug-11	T10-04		
1-Aug-11	T1-03		
1-Aug-11	T1-04		
1-Aug-11	T2-03		
1-Aug-11	T2-04		
1-Aug-11	T3-03		
1-Aug-11	T3-04		
1-Aug-11	T8-03		
1-Aug-11	T8-04		
1-Aug-11	T9-03		
1-Aug-11	T9-04		
2-Aug-11	T11-07		
2-Aug-11	T11-08		
2-Aug-11	T12-07		
2-Aug-11	T12-08		
2-Aug-11	T13-07		
2-Aug-11	T13-08		
2-Aug-11	T14-07		
2-Aug-11	T14-08		
2-Aug-11	T15-07		
2-Aug-11	T15-08		
2-Aug-11	T16-07		
2-Aug-11	T16-08		
2-Aug-11	T17-07		
2-Aug-11	T17-08		
2-Aug-11	T18-07		
2-Aug-11	T18-08		
2-Aug-11	T19-07		
2-Aug-11	T19-08		
2-Aug-11	T20-07		
2-Aug-11	T20-08		

I certify that all water samples verified in this inventory were present on the on the date specified.

Jane E. Rivera Date
Interim Quality Assurance Officer
USGS-UMESC

I certify that all water samples verified in this inventory were destroyed on the following date.

Susan M. Schleis Date
General Biologist
USGS-UMESC

Reviewed by:

Mark P. Gaikowski Date
Study Director
USGS-UMESC