



State of Washington  
**DEPARTMENT OF FISH AND WILDLIFE**

Mailing Address: 600 Capitol Way N Olympia, WA 98501-1091 (360) 902-2222, TDD (360) 902-2207  
Main Office Location: Natural Resources Building 1111 Washington Street SE Olympia, WA

Department of Ecology  
Water Quality Program  
JUN 01 2005

May 27, 2005

Kathleen Emmett  
Water Quality Program  
Department of Ecology  
P.O. Box 47600  
Olympia, Washington 98504-7600

NPDES Permit WA0041009  
Antimycin SEPA Review

Dear Ms. Emmett:

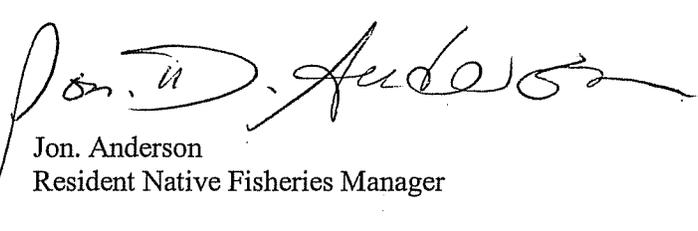
Enclosed is the documentation for the Washington Department of Fish and Wildlife SEPA review process regarding the use of Antimycin as a fish toxicant for certain fish management projects, dated May 23, 2005.

Based upon the affirmative outcome of the SEPA process, WDFW requests that the Department of Ecology modifies NPDES permit WA0041009 to include the use of antimycin in our lake and stream management activities.

We do not have an immediately-pending proposal for the use of antimycin fish toxicant. However, should funding and staff availability present the opportunity, the inclusion of antimycin in our NPDES permit would be advantageous. We understand that any proposals to use antimycin would follow similar public notification processes as is currently through our addenda to the WDFW Lake and Stream Rehabilitation Final Supplemental Impact Statement (FSEIS), 1992-1993 and Lake and Stream Rehabilitation: Rotenone Use and Health Risks FSEIS, 2002.

Please feel free to contact me at 360-902-2711 or email [anderjda@dfw.wa.gov](mailto:anderjda@dfw.wa.gov) if you have any questions.

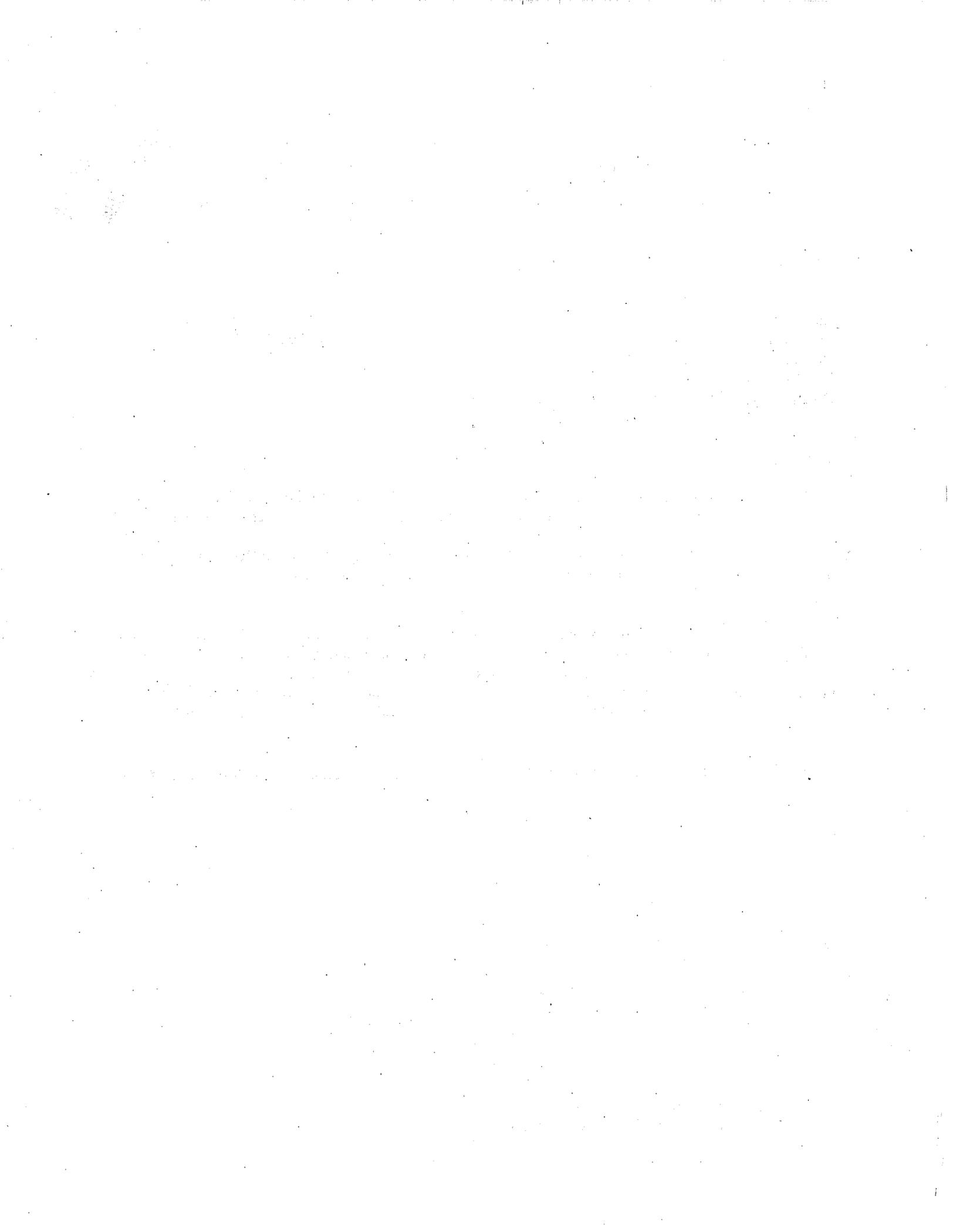
Sincerely,



Jon. Anderson  
Resident Native Fisheries Manager

Enclosure

cc: Jim Uehara, WDFW Fish Program  
Jeff Killelea, WDOE Water Quality Program





WASHINGTON DEPARTMENT  
OF FISH AND WILDLIFE  
FINAL DETERMINATION OF  
NON-SIGNIFICANCE  
May 23, 2005

**State of Washington  
DEPARTMENT OF FISH AND WILDLIFE**

Habitat Program: 600 Capitol Way N, Olympia, Washington 98501-1091 - (360) 902-2534

**DETERMINATION OF SIGNIFICANCE AND  
ADOPTION OF EXISTING ENVIRONMENTAL DOCUMENTS**

Department of Ecology  
Water Quality Program  
JUN 01 2005

**Name of Proposal:** ANTIMYCIN-A AS A PISCICIDE IN WASHINGTON DEPARTMENT OF FISH AND WILDLIFE (WDFW) LAKE AND STREAM REHABILITATION PROGRAM: USE AND HEALTH RISKS

**Description of Proposal:** The Washington Department of Fish and Wildlife (WDFW) proposes to assess the use and risks of the piscicide (pesticide to kill unwanted fish) antimycin-A as an additional tool to eliminate or reduce populations of non-native fish. Antimycin-A would be an additional component of the WDFW's on-going fish management activities as described in the Final Supplemental Environmental Impact Statement on Lake and Stream Rehabilitation. This piscicide, approved by the U.S. Environmental Protection Agency and registered for use in the State of Washington, would be an alternative to rotenone in selected applications of WDFW's Lakes and Streams Rehabilitation program. The department proposes to review this information on potential effects to the environment and human health and request a modification of National Pollutant Discharge Elimination System Permit #WA0041009 based on this review.

**Proponent:** Washington Department of Fish and Wildlife 600 Capitol Way North, Olympia, Washington 98501-1091 **Project Contact:** Jon D. Anderson (360) 902-2711

**Location of Proposal, including street, if any:** Statewide, in lakes and streams where the need has been identified to remove exotic or undesirable fish species for rehabilitating and recovering native fish populations or other native aquatic communities. Washington

**Lead Agency:** Washington Department of Fish and Wildlife

**The adopted document(s) meet our environmental review needs for the current proposal and will accompany the proposal to the decision maker.**

**Adoption of Two (2) Existing Environmental Documents:** Pursuant to WAC 197-11-360 (3) After independent review the lead agency has identified and adopted the following two (2) documents as being appropriate for this proposal.

1. **Title of document being adopted:** WDFW Lake and Stream Rehabilitation Final Supplemental Environmental Impact Statement (FSEIS).

**Agency that prepared document being adopted:** Washington Department of Fish and Wildlife

**Date adopted document was prepared:** January 2002



**Description of document (or portion) being adopted:** Summary introduction, proposed action, description of procedures and a detailed assessment of impacts.

2. **Title of document being adopted:** South Fork Flathead Watershed Westslope Cutthroat Trout Conservation Program. Environmental Impact Statement (EIS).

**Agency that prepared document being adopted:** Bonnyville Power Administration

**Date adopted document was prepared:** June 2004

**Description of document (or portion) being adopted:** Chapter Three: Affected Environment and Environmental Consequences and Appendix D: Technical Appendix on Use of Piscicides

**EIS Required.** The lead agency has determined that this proposal may have a significant adverse impact on the environment. To meet the requirements of RCW 43.21C.030(2)(c), the lead agency is adopting the documents described above. Under WAC 197-11-360, there will be no scoping process for this EIS. An environmental checklist and non project review form and other materials indicating the likely environmental impacts are attached or can be reviewed at our offices.

**If the document being adopted has been challenged (197-11-630), please describe:** N/A

**Both documents are available to be read at:**

Washington Department of Fish and Wildlife - Natural Resources Building,  
1111 Washington Street SE, Olympia, WA, Monday - Friday 8:00 am - 5:00 pm. - Sixth floor: Fish Program- Jon Anderson (360) 902-2711

**The following electronic versions are available:**

South Fork Flathead Watershed Westslope Cutthroat Trout Conservation Program. Environmental Impact Statement (EIS): Chapter 3, and Appendix D: <http://wdfw.wa.gov/hab/sepa/sepa.htm> and the EIS in its entirety: <http://www.eh.doe.gov/nepa/docs/deis/eis0353/tocindex.html>

WDFW Lake and Stream Rehabilitation Final Supplemental Environmental Impact Statement (FSEIS): <http://wdfw.wa.gov/hab/sepa/sepa.htm>

**Name of agency adopting the document:** Washington Department of Fish and Wildlife

**Contact person if other than responsible official:** Jon Anderson **Phone:** (360) 902-2711

**Agencies, affected tribes and members of the public are invited to comment on this proposal.**

**Public Meeting:** The WDFW will hold two public meetings to answer questions and gather public input on this proposal.

Spokane: **May 3, 2005- 7:00PM-8:00PM**

**Washington Department of Fish and Wildlife-Region 1  
8702 North Division Street  
Spokane, Washington 99218-1199**

Olympia: **May 4, 2005-7:00PM-8:00PM**

**Natural Resource Building, Room 172,  
1111 Washington Street SE, Olympia, WA 98501**

*[The text in this image is extremely faint and illegible. It appears to be a multi-paragraph document, possibly a letter or a report, but the specific content cannot be discerned.]*

This DS/Adoption is issued under WAC 197-11-360; the lead agency will not act on this proposal for 30 days from the date of issue below. Written comments should be received at the address listed below no later than **May 20, 2005**

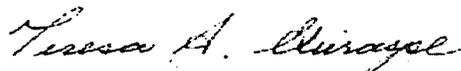
**Responsible Official:** Teresa A. Eturaspe

**Position/Title:** SEPA/NEPA Coordinator, Regulatory Services Section, Habitat Program

**Address:** 600 Capitol Way North, Olympia, WA 98501

**Please contact:** Teresa A. Eturaspe **Phone:** (360) 902-2575 **Fax:** (360) 902-2946 or **e-mail:** habitatSEPA@dfw.wa.gov if you have questions or comments about this determination.

**DATE OF ISSUE:** April 20, 2005 **SIGNATURE:**



SEPA Log Number 05-034.dsadopt

**Distribution of Environmental Document:**

Department of Ecology, Environmental Review Section, Olympia  
Department of Natural Resources, SEPA Center, Olympia  
Washington Parks and Recreation Commission, Olympia  
Washington Department of Transportation, Olympia  
U.S. Army Corps of Engineers, Seattle  
U.S. Fish and Wildlife Service, Western Washington Office, Lacey  
U.S. Fish and Wildlife Service, Upper Columbia River Basin Field Office, Spokane  
U.S. Environmental Protection Agency, Seattle  
U. S. Forest Service, Region 6, Portland  
U.S. National Parks Service, Seattle  
NOAA - Fisheries, Seattle  
Adams County Planning Department, Othello  
Asotin County Planning Commission, Asotin  
Benton County Planning and Building Department, Prosser  
Chelan County Planning Department, Wenatchee  
Clallam County Department of Community Development, Port Angeles  
Clark County Planning Division, Vancouver  
Columbia County Planning Department, Dayton  
Cowlitz County Department of Building and Planning, Kelso  
Douglas County Regional Planning Commission, East Wenatchee  
Ferry County Planning Department, Republic  
Franklin County Planning Department, Pasco  
Garfield County Board of County Commissioners, Pomeroy  
Grant County Planning Department, Ephrata  
Grays Harbor Planning and Building Department, Montesano  
Island County Planning Department, Coupeville  
Jefferson County Planning and Building Department, Port Townsend  
King County Department of Development and Environmental Services, Renton  
Kitsap County Department of Community Development, Port Orchard  
Kittitas County Planning Department, Ellensburg  
Klickitat County Planning Department, Goldendale  
Lewis County Planning Department, Chehalis  
Lincoln County Planning Department, Davenport  
Mason County Planning Department, Shelton

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

## **Distribution of Environmental Document (Continued):**

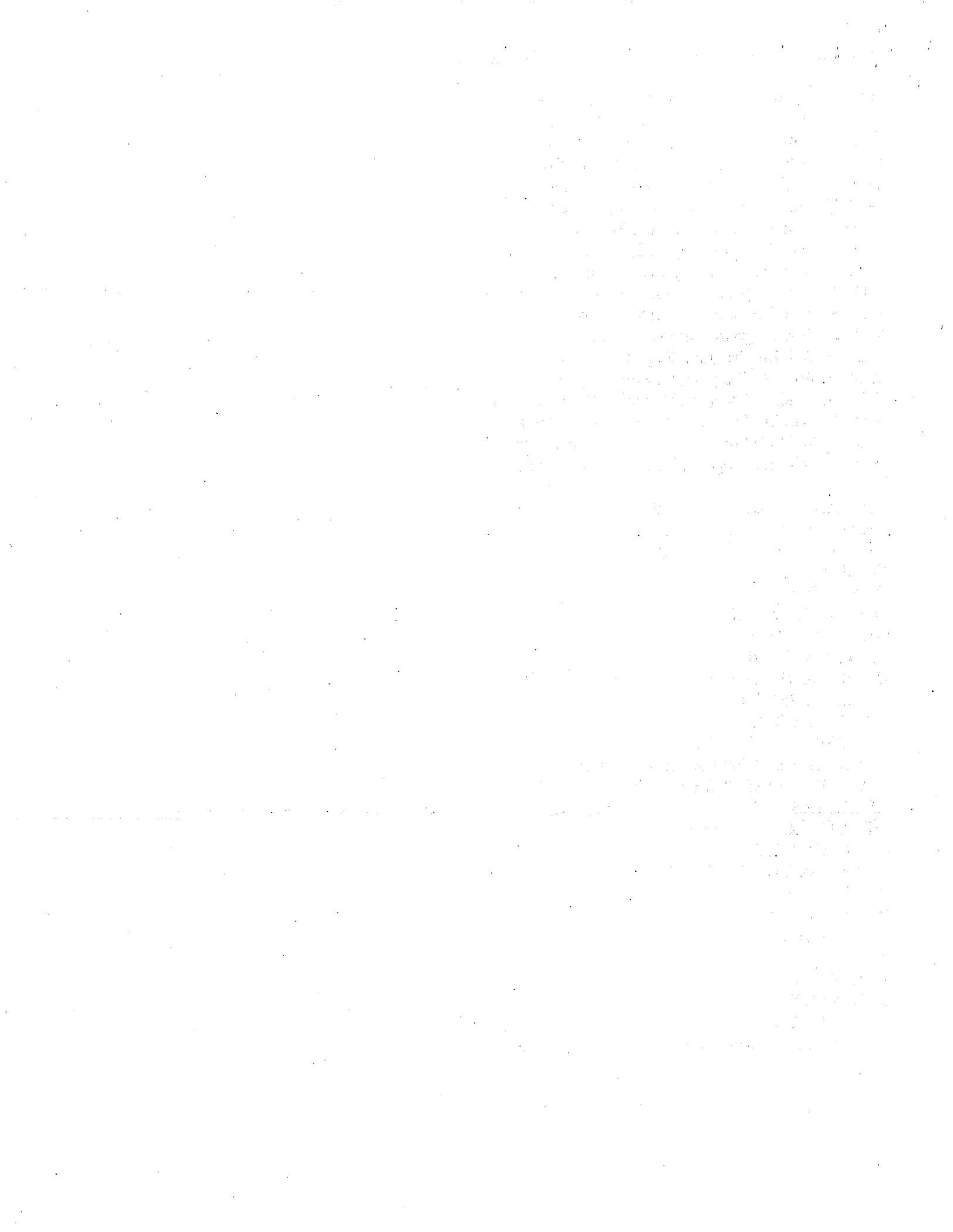
Okanogan County Planning Department, Okanogan  
Pacific County Planning Department, South Bend  
Pend Oreille County Planning Department, Newport  
Pierce County Department of Planning and Natural Resource Management, Tacoma  
San Juan County Planning Department, Friday Harbor  
Skagit County Planning Department, Mount Vernon  
Skamania County Planning Department, Stevenson  
Snohomish County Department of Planning and Community Development, Everett  
Spokane County Planning Department, Spokane  
Stevens County Planning and Community Development, Colville  
Thurston County Planning Department, Olympia  
Wahkiakum County Planning Department, Cathlamet  
Walla Walla Regional Planning Department, Walla Walla  
Whatcom County Planning and Development Services, Bellingham  
Whitman County Planning Office, Colfax  
Yakima County Planning Department, Yakima  
Northwest Indian Fisheries Commission, Olympia  
Columbia River Inter-Tribal Fisheries Commission, Portland  
Point No Point Treaty Council, Kingston  
Upper Columbia United Tribes, Wellpoint  
Skagit System Cooperative, La Conner  
Chehalis Tribe, Oakville  
Colville Confederated Tribes, Nespelem  
Cowlitz Indian Nation, Longview  
Hoh Tribal Fisheries, Forks  
Jamestown Klallam Indian Tribes, Sequim  
Kalispell Tribe, Usk  
Lower Elwha Klallam Tribe, Port Angeles  
Lummi Indian Natural Resources, Bellingham  
Makah Tribal Council, Neah Bay  
Muckleshoot Tribal Fisheries, Auburn  
Nisqually Tribe, Olympia  
Nooksack Tribe, Deming  
Port Gamble Klallam Tribe, Kingston  
Puyallup Tribe of Indians, Tacoma  
Quileute Tribe, La Push  
Quinault Indian Nation, Taholah  
Sauk-Suiattle Indian Tribe, Darrington  
Shoalwater Bay Tribe, Tokeland  
Skokomish Tribe, Shelton  
Snoqualmie Tribe, Carnation  
Spokane Tribe, Wellpoint  
Squaxin Island Tribe, Shelton  
Stillaguamish Tribe, Arlington  
Suquamish Tribe, Suquamish  
Swinomish Tribe, La Conner  
Tulalip Tribes, Marysville  
Confederated Tribes of the Umatilla Indian Reservation, Pendelton  
Upper Skagit Tribe, Sedro Wooley  
Yakima Indian Nation, Toppenish



**Distribution of Environmental Document (Continued):**

WDFW, Habitat Program, Region 1, Spokane  
WDFW, Habitat Program, Region 2, Ephrata  
WDFW, Habitat Program, Region 3, Yakima  
WDFW, Habitat Program, Region 4, Mill Creek  
WDFW, Habitat Program, Region 5, Vancouver  
WDFW, Habitat Program, Region 6, Montesano  
WDFW, Fish Program, Region 1, Spokane  
WDFW, Fish Program, Region 2, Ephrata  
WDFW, Fish Program, Region 3, Yakima  
WDFW, Fish Program, Region 4, Mill Creek  
WDFW, Fish Program, Region 5, Vancouver  
WDFW, Fish Program, Region 6, Montesano  
WDFW, Wildlife Program, Region 1, Spokane  
WDFW, Wildlife Program, Region 2, Ephrata  
WDFW, Wildlife Program, Region 3, Yakima  
WDFW, Wildlife Program, Region 4, Mill Creek  
WDFW, Wildlife Program, Region 5, Vancouver  
WDFW, Wildlife Program, Region 6, Montesano

SPOKANE WALLEYE CLUB  
RICHLAND ROD AND GUNCLUB  
INLAND EMPIRE BASS CLUB  
FISHING GUIDE  
RON SAWYER  
WALLEYE UNLIMITED  
AUBURN MARINA  
JIM LEDBETTER  
BASS TOURNAMENTS  
MARDON RESORT  
TRAIL BLAZERS  
WESTERN BASS CLUB  
COLUMBIA BASIN WALLEYE CLUB  
WA STATE BASS FEDERATION  
HI LAKERS  
MID-COL. R. WALLEYE CLUB  
CAST FOR KIDS  
CLARK-SKAMANIA FLYFISHERS  
BLUE LAKE RESORT  
WA FLY FISHING CLUB  
ED MANARY  
IEFFC  
TOM SHUHDA  
SPOKANE FLYFISHERS  
PECK RITTER  
PEND ORIELLE CONSERVATION DISTRICT



DEPARTMENT OF PUBLIC SERVICES  
100 W. BROADWAY, SUITE 31  
MONTESANO, WASHINGTON 98563-3614  
PHONE (360) 249-4222  
FAX (360) 249-3203



2/10/05  
RECEIVED  
MAY 18 2005  
F. PAUL EASTER  
DIRECTOR

# GRAYS HARBOR COUNTY

## STATE OF WASHINGTON

May 16, 2005

### Public Services

Kevin Varness, Asst. Director  
Phone: 360-249-4222  
Fax: 360-249-3203

### Public Works

Russ Esses, Co. Engineer  
Phone: 360-249-4222  
Fax: 360-249-2153

### Planning & Building

Brian Shea, Director  
Phone: 360-249-5579  
Fax: 360-249-3203

### Environmental Health

Douglas George, Director  
Phone: 360-249-4413  
Fax: 360-249-3203

### Utilities & Development

Kevin Varness, Director  
Phone: 360-249-4222  
Fax: 360-249-3203

### Facility Services

Dennis Selberg, Director  
Phone: 360-249-4222  
Fax: 360-249-2753

### Emergency & Risk Management

Anne Sullivan, Manager  
Phone: 360-249-4222  
Fax: 360-249-3805

Grays Harbor Co. Web Page  
co.grays-harbor.wa.us

Teresa A. Eturaspe  
Department of Fish and Wildlife  
State of Washington  
600 Capital Way North  
Olympia, Washington 98501-1091

RE: *Determination of Significance*

Ms. Eturaspe:

Thank you for the opportunity to comment on the Washington State Department of Fish and Wildlife's State Environmental Policy Act (SEPA) Determination of Significance (DS) and Adoption of Existing Environmental Documents for the proposed use of the pesticide *antimycin-A* as an additional fish management tool to eliminate or reduce populations of non-native fish in the State of Washington.

Grays Harbor County concurs that the proposal represents a probable significant adverse impact to the natural environment, and thereby merits the adoption and use of the Department's document entitled WDFW Lake and Stream Rehabilitation Final Supplemental Environmental Impact Statement in determining the proposal's potential effect to both the environment and human health. The pesticide *antimycin-A* is proposed as an alternative to the pesticide *rotenone*, which County records indicate was used in Lake Aberdeen and Failor Lake in Grays Harbor County during the 1950's.

We request that we be notified of any proposed change to the National Pollutant Discharge Elimination System (NPDES) permit that would allow for the application of *antimycin-A* within Grays Harbor County, as well being involved in the pre-treatment planning process for any body of water in Grays Harbor County proposed for treatment with this pesticide.

Please contact us at (360) 249-5579 should you have any questions concerning this comment.

Thank you again.

Sincerely,

Brian Shea  
Planning and Building Division Director

Cc: file

Handwritten text at the top of the page, possibly a header or title, which is mostly illegible due to fading and bleed-through.

Second section of handwritten text, appearing as several lines of a letter or document. The content is mostly illegible.

Third section of handwritten text, continuing the document's content. The text is very faint and difficult to decipher.

Fourth section of handwritten text, located in the lower half of the page. The handwriting is consistent with the rest of the document.

Final section of handwritten text at the bottom of the page, possibly a signature or closing. The text is mostly illegible.

STATE OF WASHINGTON  
FISH PROGRAM  
FISH MANAGEMENT DIVISION  
NATIVE RESIDENT SPECIES MANAGEMENT

RECEIVED

MAY 18 2005

HABITAT PROGRAM

DATE: 17 May 2005

TO: Teresa Eturaspe, WDFW SEPA Coordinator

FROM: Jon. Anderson

SUBJECT: Comment from Mr. Nick Romeo, Aquabiotics Corporation, relative to WDFW  
Environmental Checklist on Antimycin-A: Safety Procedures

I received a voice-mail from Mr. Nick Romeo during the week of May 9-13th, where he provided comment on the antimycin environmental checklist.

"On page 10 'Safety Procedures', your statement is that the label for antimycin requires the employees wear a purifying respirator and Tyvek coveralls.

"The label just calls for eye protection, like goggles, and rubber gloves.

"The label does not call for Tyvek coveralls, and certainly does not call for a respirator.

"That is the main difference between antimycin and rotenone. The applicators do not have to wear respirators.

"I wanted to bring this to your attention. As far as I know, nowhere in the label does it call for a respirator. I am certainly familiar with the label.

"A respirator could certainly be called for by State regulations, but not by the EPA label."

Mr. Romeo is correct. I assumed similar restrictions on antimycin use, based upon an outdated label for an older formulation of antimycin. Subsequent to my having developed the safety information, I received the current EPA Label for the Fintrol<sup>®</sup> formulation of antimycin that WDFW would be using. I neglected to update the information relative to the current label into the safety procedures portion of the checklist. The final adoption of the environmental checklist and the development of subsequent WDFW safety procedures for antimycin should reflect the current label restrictions.

cc: Jim Uehara, Fish Program  
Bob Gibbons, Fish Program  
Scott Loerts, Safety Program



**FAX**

*Washington Department of Ecology  
4601 North Monroe Street, Suite 202  
Spokane, Washington 99205-1295  
Phone: (509) 329-3400 Fax: (509) 329-3529*

---

**TO** Ms. Teresa Eturaspe  
SEPA/NEPA Coordinator  
Olympia WA

**DATE** 5/19/2005

**PHONE** (360) 902-2575

**FAX** (360) 902-2946

**EMAIL** [habitatSEPA@dfw.wa.gov](mailto:habitatSEPA@dfw.wa.gov)

**FROM** Arthur Buchan, M.S.  
SEPA Coordinator  
Phone: (509) 329-3550  
Email: [abuc461@ecy.wa.gov](mailto:abuc461@ecy.wa.gov)

**Pages (Including Cover):** 2

---

**MESSAGE** See Attached Information





STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

4601 N. Monroe Street • Spokane, Washington 99205-1295 • (509) 329-3400

May 19, 2005

Ms. Teresa A. Eturaspe  
SEPA/NEPA Coordinator  
Regulatory Services Section  
Department of Fish and Wildlife  
600 Capitol Way North  
Olympia, WA 98501

Ms. Eturaspe,

Thank you for the opportunity to comment on the Determination of Non Significance and Adoption of Existing Environmental Documents Antimycin-A, as a piscicide in Washington Department of Fish and Wildlife Lake and Stream Rehabilitation Program: Use and Health Risks (Proponent – Washington Fish and Wildlife). The Department of Ecology has reviewed the documents and has the following comments;

Water Quality Program

A water quality standards modification may be required from the Department of Ecology for this project (WAC 173-201A-110).

Any work in or adjacent to waterways that will adversely affect water quality must receive specific prior authorization from the Department of Ecology pursuant to WAC 173-201A-110. A short-term water quality standards modification may be issued if the proponent agrees to a number of specific construction practices and techniques designed to minimize water quality impacts. The construction schedule will be tied to the schedule on the Hydraulic Project Approval (HPA).

Office of Regulatory Assistance

If the applicant would like assistance getting through the regulatory permitting process, we suggest they contact Doug Jayne at The Office of Regulatory Assistance (ORA). Doug can be reached in Spokane at (509) 329-3460, email: [djay461@ecy.wa.gov](mailto:djay461@ecy.wa.gov). ORA staff serves as a primary resource for agency contacts, applications, and key information concerning local, state, and federal environmental permits and regulatory requirements.

Sincerely,

A handwritten signature in black ink, appearing to read "Arthur Buchan".

Arthur Buchan, M.S.  
SEPA Coordinator  
Department of Ecology  
Eastern Regional Office  
4601 N. Monroe Street  
Spokane, WA 99205-1295  
Phone: (509)329-3550  
Email: [abuc461@ecy.wa.gov](mailto:abuc461@ecy.wa.gov)

2005-3031