

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average .5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.		OMB APPROVED 0579-0036
		Interagency Report Control No. 0180-DOA-AN
		Fiscal year: 2022
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE Annual Report of Research Facility Column E Explanation (TYPE OR PRINT)		
This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.		
1. REGISTRATION NUMBER 54-G-0001	2. Research Facility Headquarters address NCCCWA 11861 Leetown Rd Kearneysville, WV 25430	
3. Number of animals used in the study. 15,247	4. Species (common name) of animals used in the study. rainbow trout	
5. Explain the procedure producing pain and distress. According to study objectives, juvenile fish must be infected with <i>Flavobacterium columnare</i> , the causative agent of columnaris disease.		
6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight. Accomplishment of the research goals requires the disease to progress naturally without interference. The effects of anesthetics, analgesics, and tranquilizers on disease resistance mechanisms are unresolved and may have interfered with the normal course of disease progression and host response, and thus could not be used in these studies for long-term periods.		
7. What, if any, Federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number, and the specific section number (e.g., APHIS, 9 CFR 113, 102): N/A		
Agency		CFR

<p>According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.</p>		<p>OMB APPROVED 0579-0036</p>
		<p>Interagency Report Control No. 0180-DOA-AN</p>
		<p>Fiscal year: 2022</p>
<p align="center">UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE</p> <p align="center">Annual Report of Research Facility Column E Explanation (TYPE OR PRINT)</p>		
<p>This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.</p>		
<p>1. REGISTRATION NUMBER</p> <p align="center">54-G-0001</p>	<p>2. Research Facility Headquarters address NCCCWA 11861 Leetown Rd Kearneysville, WV 25430</p>	
<p>3. Number of animals used in the study.</p> <p align="center">84</p>	<p>4. Species (common name) of animals used in the study. rainbow trout</p>	
<p>5. Explain the procedure producing pain and distress. According to study objectives, fish were exposed to acute hypoxia conditions.</p>		
<p>6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight. Accomplishment of the research goals requires the hypoxic response to occur naturally without interference. Anesthetics, analgesics, and tranquilizers are expected to affect hypoxia resistance and mechanisms of oxygen consumption and likely interfere with the normal course of hypoxia response, and thus could not be used in these studies.</p>		
<p>7. What, if any, Federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number, and the specific section number (e.g., APHIS, 9 CFR 113, 102):</p> <p>N/A</p>		
<p>Agency</p>		<p>CFR</p>

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average .5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.		OMB APPROVED 0579-0036	
		Interagency Report Control No. 0180-DOA-AN	
		Fiscal year:	2022
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE Annual Report of Research Facility Column E Explanation (TYPE OR PRINT)			
This Information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.			
1. REGISTRATION NUMBER 54-G-0001		2. Research Facility Headquarters address NCCCWA 11861 Leetown Rd Kearneysville, WV 25430	
3. Number of animals used in the study. 4,626		4. Species (common name) of animals used in the study. Rainbow trout	
5. Explain the procedure producing pain and distress. According to study objectives, fish must be infected with <i>Flavobacterium psychrophilum</i> , the causative agent of bacterial cold water disease			
6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight. Accomplishment of the research goals requires the disease to progress naturally without interference. The effects of anesthetics, analgesics, and tranquilizers on disease resistance mechanisms are unresolved and may have interfered with the normal course of disease progression and host response, and thus could not be used in these studies for long-term periods.			
7. What, if any, Federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number, and the specific section number (e.g., APHIS, 9 CFR 113, 102): N/A			
Agency		CFR	

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average .5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.		OMB APPROVED 0579-0036
		Interagency Report Control No. 0180-DOA-AN Fiscal year: 2022
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE Annual Report of Research Facility Column E Explanation (TYPE OR PRINT)		
This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.		
1. REGISTRATION NUMBER 54-G-0001	2. Research Facility Headquarters address NCCCWA 11861 Leetown Rd Kearneysville, WV 25430	
3. Number of animals used in the study. 86	4. Species (common name) of animals used in the study. Atlantic salmon	
5. Explain the procedure producing pain and distress. According to study objectives, fish must be infected with <i>Vibrio anguillarum</i> .		
6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight. Accomplishment of the research goals requires the disease to progress naturally without interference. The effects of anesthetics, analgesics, and tranquilizers on disease resistance mechanisms are unresolved and may have interfered with the normal course of disease progression and host response, and thus could not be used in these studies for long-term periods.		
7. What, if any, Federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number, and the specific section number (e.g., APHIS, 9 CFR 113, 102): N/A		
Agency	CFR	

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average .5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.		OMB APPROVED 0579-0036	
		Interagency Report Control No. 0180-DOA-AN	
		Fiscal year:	2022
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE Annual Report of Research Facility Column E Explanation (TYPE OR PRINT)			
This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.			
1. REGISTRATION NUMBER 54-G-0001		2. Research Facility Headquarters address NCCCWA 11861 Leetown Rd Kearneysville, WV 25430	
3. Number of animals used in the study. 5		4. Species (common name) of animals used in the study. rainbow trout	
5. Explain the procedure producing pain and distress. According to study objectives, fish must be infected with <i>Weissella ceti</i> .			
6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight. Accomplishment of the research goals requires the disease to progress naturally without interference. The effects of anesthetics, analgesics, and tranquilizers on disease resistance mechanisms are unresolved and may have interfered with the normal course of disease progression and host response, and thus could not be used in these studies for long-term periods.			
7. What, if any, Federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number, and the specific section number (e.g., APHIS, 9 CFR 113, 102): N/A			
Agency		CFR	

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.		OMB APPROVED 0579-0036
		Interagency Report Control No. 0180-DOA-AN
		Fiscal year: 2022
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE Annual Report of Research Facility Column E Explanation (TYPE OR PRINT)		
This information is required by law (7 U.S.C. 2143 and 9 C.F.R. §2.36). Failure to report according to the regulations can result in an order to cease and desist.		
1. REGISTRATION NUMBER 54-G-0001	2. Research Facility Headquarters address NCCCWA 11861 Leetown Rd Kearneysville, WV 25430	
3. Number of animals used in the study. 408	4. Species (common name) of animals used in the study. rainbow trout	
5. Explain the procedure producing pain and distress. According to study objectives, fish were infected with <i>Yersinia ruckeri</i> , the causative agent of enteric redmouth disease.		
6. Provide the scientific justification for not providing the appropriate anesthetics, analgesics, or tranquilizing drugs during procedures where the animal experienced accompanying pain or distress greater than momentary or slight. Accomplishment of the research goals requires the disease to progress naturally without interference. The effects of anesthetics, analgesics, and tranquilizers on disease resistance mechanisms are unresolved and may have interfered with the normal course of disease progression and host response, and thus could not be used in these studies for long-term periods.		
7. What, if any, Federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number, and the specific section number (e.g., APHIS, 9 CFR 113, 102): N/A		
Agency		CFR