

## ANIMAL HUSBANDRY PROCEDURES

### MEDICINE/CHEMICALS IN ANIMAL DRINKING WATER OR CHOW

STANDARD OPERATING PROCEDURES: CHANGING ANIMAL DRINKING WATER OR CHOW & HANDLING ANIMAL CAGES IN CASE OF SPILL OR FLOODS		
<b>1</b>	<b>Chemical hazards and Process</b>	<p><i>Hazardous chemicals or medicines/drugs need special handling, as required by federal and Washington state laws. These chemicals in water or chow can be an exposure risk when administering to animals.</i></p> <ul style="list-style-type: none"> <li>• Review the <a href="#">EH&amp;S Chemical Approvals spreadsheet on SharePoint</a>.                             <ul style="list-style-type: none"> <li>&gt; <b>Any chemical needing an Appendix A will be confirmed by EH&amp;S on the spreadsheet.</b> Appendix A is only for agents with concentrations in water or chow that requires additional PPE, handling, and disposal. Ask your supervisor for questions.</li> </ul> </li> <li>• <b>Note all chemicals in SSR Form and on cages with the Medicine/Chemical cage cards.</b></li> </ul>
<b>2</b>	<b>Personal protective equipment (PPE)</b>	<ul style="list-style-type: none"> <li>• Wear all PPE below when handling treated drinking water bottles or feed containers, changing treated water or chow, and cleaning treated water or chow spills:                             <ul style="list-style-type: none"> <li>&gt; Standard animal facility personal protective equipment</li> <li>&gt; Nitrile gloves</li> </ul> </li> <li>• Always perform any work under laminar air flow, including administering water and food.</li> </ul>
<b>3</b>	<b>Handling &amp; storage</b>	<p><b>Researcher/Veterinary Services will:</b></p> <ol style="list-style-type: none"> <li>a. Submit a <i>Special Service Request Form</i> to DCM Facility Supervisory Staff before adding an agent to drinking water or chow.</li> <li>b. Provide an Appendix A when applicable (hazardous chem in water or chow)</li> <li>c. Place <i>Medicine/Chemical</i> cage card on cage</li> <li>d. Attach sticker with chem/antibiotic name to water bottle.</li> <li>e. <b>Researcher will provide extra treated water or chow to be available in the housing room in case research/vet staff cannot be reached and food and water is low: treated water or chow will be kept in labeled containers in the animal room.</b></li> </ol> <p><b>At cage change or end of study, DCM Animal Husbandry staff will:</b></p>

		<ul style="list-style-type: none"> <li>Hold unused chemical or antibiotics in water or chow, for the lab to dispose of: 1. <u>when these are listed as hazardous chemical(s) and have an Appendix A.</u> OR 2. <u>if these are antibiotics in water.</u></li> </ul>
4	<b>Spill/Accident</b>	<ul style="list-style-type: none"> <li><b>Flooded cage:</b> Move animals to dry cage, turn in sick animal report.</li> <li><b>Spilled water (inside or outside of cage):</b> Wipe up water with paper towels or other absorbent material and clean spill area with Clidox.</li> <li><b>Spilled chow:</b> No special care is needed; thoroughly wipe up treated feed and dispose in regular trash.</li> </ul> <p><b>For any of the scenarios above, if there is an Appendix A for the agent,</b> contact research or veterinary staff as applicable to dispose of materials.</p>
5	<b>Waste disposal</b>	<ul style="list-style-type: none"> <li>Lab/Veterinary staff are responsible for disposal of unused/extra hazardous chemical <u>per Appendix A with treated water or chow, and for all antibiotic treated water.</u></li> <li>No special disposal procedures are needed with the bedding <u>unless there is an Appendix A.</u></li> <li>EH&amp;S will pick up chemical waste solution carboys from the facility. For questions, contact EH&amp;S: 206.616.5835 or <a href="mailto:chmwaste@uw.edu">chmwaste@uw.edu</a></li> </ul>
6	<b>Exposure emergency:</b> See <a href="#">POSTER</a> , Steps in next column.	<p><b><u>Eye, nose, mouth exposure to treated water:</u></b></p> <ol style="list-style-type: none"> <li><b>Flush mucous membranes immediately at nearest eyewash station for 15 minutes.</b></li> <li>Notify your supervisor.</li> <li>Seek care. Contact the UW Employee Health Center at 206.685.1026, extension 0. After hours, go to the closest emergency room (UWMC or Harborview).</li> <li>Report Incident on UW Online Accident Reporting System (<a href="#">OARS online website</a>).</li> </ol>
<p>Questions? Contact EH&amp;S Research &amp; Occupational Safety: 206.221.7770</p>		