

## HACCP Step 1 – Activity Description

<b>Activity Description</b>	
Facility: Canyon Creek Hatchery	Site:
Project Coordinator: Roger Sorensen	Activity/Management Objective:  Control of non-target species that may use various equipment as a pathway to hatchery
Site Manager: Mark McKechnie	
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<b>Project Description</b> i.e. Who; What; Where; When; How; Why
<p><b>Who:</b> Canyon Creek Hatchery, Arizona Game and Fish Department. Specific equipment is construction (rented or owned); distribution equipment (POD and other); Department visitors (Fish Health, Water Quality, Hatchery Program Manager)</p> <p><b>What:</b> All agency personnel and associated equipment may have potential to be a pathway for non-resident (hazardous) biological organisms. This is a plan to control the ingress/egress of these potential problems.</p> <p><b>Where:</b> At originating facility</p> <p><b>When:</b> Before POD equipment leaves the facility and before equipment enters the facility.</p> <p><b>How:</b> Inspect, clean, and potentially disinfect equipment as needed to ensure non target organisms do not enter or leave hatchery property.</p> <p><b>Why:</b> Reduce, eliminate, prevent introduction or export of hazards any time equipment is brought to hatchery from an area of potential hazards.</p>

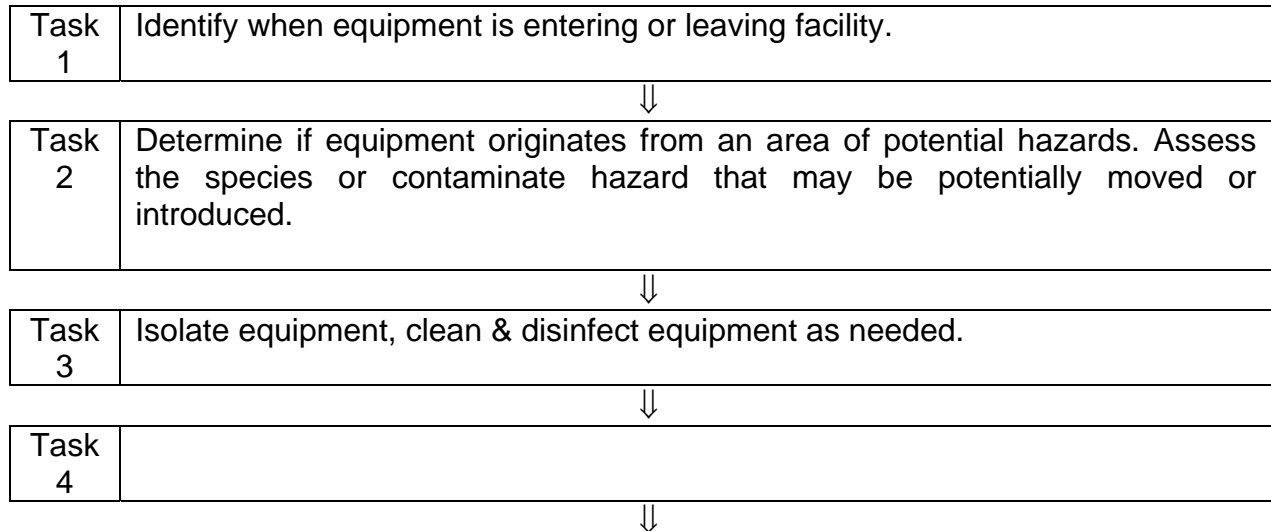
## HACCP Step 2 – Identify Potential Hazards

(to be transferred to column 2 of HACCP Step 4 – Hazard Analysis Worksheet)

<b>Hazards: Species or Contaminants Which May Potentially Be Moved/Introduced</b>
Vertebrates: Small reptiles and amphibians are a possibility all though remote. They are not considered to be a significant threat.
Invertebrates: Miscellaneous invertebrates are possible but not considered to be severe or significant.
Plants: Terrestrial
Other Biologics (e.g. genetics, disease, pathogen, parasite, or non-pathogens):  Certifiable fish pathogens
Others (non-biological contaminants e.g. pesticide residue, oil products, etc. or harborage via packing or construction materials, etc.):  None

### HACCP Step 3 – Flow Diagram

Flow Diagram Outlining Sequential Tasks to Complete Activity/Project  
Described in HACCP Step 1 – Activity Description  
(to be transferred to column 1 of the HACCP Step 4 – Hazard Analysis Worksheet)



### HACCP Step 4 – Hazard Analysis Worksheet

1 Tasks (from HACCP Step 3 - Flow Diagram)	2 Potential hazards identified in HACCP Step 2	3 Are any potential hazards significant? (yes/no)	4 Justify evaluation for column 3	5 What control measures can be applied to prevent undesirable results?	6 Is this task a critical control point? (yes/no)
Task 1 Identify when equipment is entering or leaving facility.	Vertebrates Small reptiles and amphibians	No	They are not considered to be a significant threat.	All equipment entering the property are restricted to entry parking	No
	Invertebrates: Miscellaneous invertebrates	No	They are not considered to be a significant threat.	All equipment entering the property are restricted to entry parking until operator has discussed potential for being a pathway has been discussed and determined	No
	Plants Any aquatic and/or terrestrial plants	No	They are not considered to be a significant threat.	All equipment entering the property are restricted to entry parking until operator has discussed potential for being a pathway has been discussed and determined	No
	Other Biologics Certifiable fish pathogens	No	The is an absence of restricted fish pathogens in Arizona	NA	No
	Others None	NA	NA	NA	NA
Task 2 Determine if equipment originates from an area of	Vertebrates Small reptiles and amphibians	Yes	Pathway exists for non target species although remote.	Communication with operator to determine potential for equipment being a pathway; visual inspection.	No

potential hazards. Assess the species or contaminate hazard that may be potentially moved or introduced.	Invertebrates: Miscellaneous invertebrates	Yes	Pathway exists for non target species although remote.	Communication with operator to determine potential for equipment being a pathway; visual inspection.	No
	Plants Any aquatic and/or terrestrial plants	NA	Pathway exists for non target species although remote.	Communication with operator to determine potential for equipment being a pathway; visual inspection.	No
	Other Biologics Certifiable fish pathogens	Yes	Pathway exists for non target species although remote.	Communication with operator to determine potential for equipment being a pathway; visual inspection.	No
	Others None	NA	NA	NA	NA

### HACCP Step 4 – Hazard Analysis Worksheet (continued)

1 Tasks (from HACCP Step 3 - Flow Diagram)	2 Potential hazards identified in HACCP Step 2	3 Are any potential hazards significant? (yes/no)	4 Justify evaluation for column 3	5 What control measures can be applied to prevent undesirable results?	6 Is this task a critical control point? (yes/no)
Task # 3 Isolate equipment, clean & disinfect equipment as needed.	Vertebrates Small reptiles and amphibians	No	This biological group does not impact production at facility and would not leave the station with fish distribution because of HACCP Plan for distribution	Equipment is cleaned prior to leaving the hatchery facility and all imported equipment is inspected at property entry prior to being allowed into complex.	Yes
	Invertebrates: Miscellaneous invertebrates	No	This biological group does not impact production at facility and would not leave the station with fish distribution because of HACCP Plan for distribution	Equipment is cleaned prior to leaving the hatchery facility and all imported equipment is inspected at property entry prior to being allowed into complex.	Yes
	Plants Any aquatic and/or terrestrial plants	No	This biological group does not impact production at facility and would not leave the station with fish distribution because of HACCP Plan for distribution		Yes
	Other Biologics Certifiable fish pathogens	Possible			Yes
	Others None	NA	NA	NA	NA

Task #	Vertebrates				
	Invertebrates				
	Plants				
	Other Biologics				
	Others				

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