

## HACCP Step 1 – Activity Description

<b>Activity Description</b>	
Facility: Ft. Richardson Hatchery - ADF&G SF	Site: Fort Richardson Hatchery
Project Coordinator: John Unterberg	Activity / Management Objective: Load/Release fish at multiple stocking locations.
Site Manager: Andrea Tesch	
Address: Box 5267 Fort Richardson, Alaska 99505	
Phone: 907-428-1347	

<b>Project Description</b> i.e. Who; What; Where; When; How; Why
<p>Who: Ship Creek Complex Driving Staff</p> <p>What: Stock all species; Arctic Grayling, Arctic Char, Rainbow trout, Coho Salmon, King Salmon at various lifestages.</p> <p>Where: Approved FTP stocking sites.</p> <p>When: May thru September.</p> <p>How: By the use of the hatchery stocking truck fleet.</p> <p>Why: Per mandate of the Statewide Stocking Plan.</p>

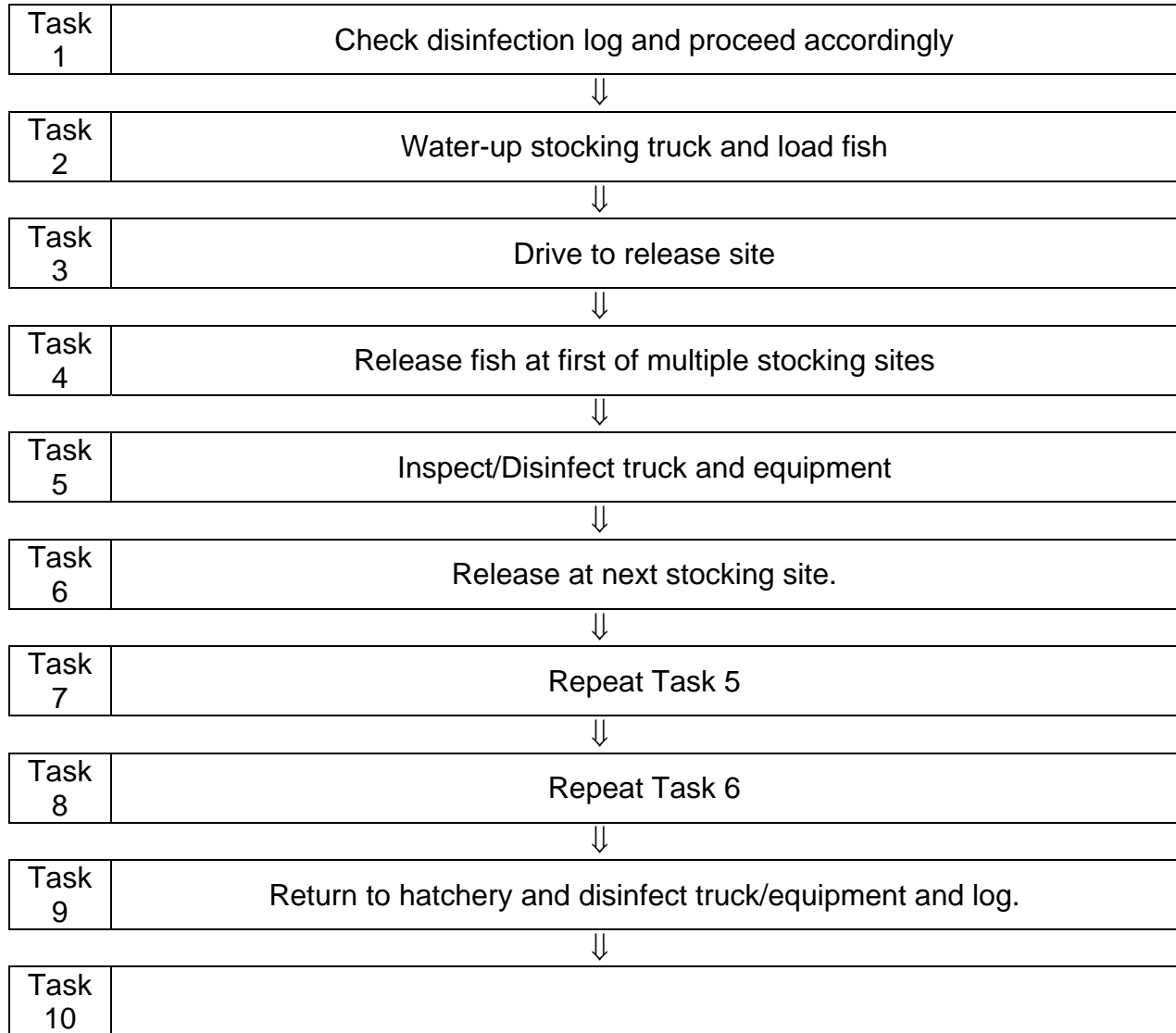
## HACCP Step 2 – Identify Potential Hazards

(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: Wild fish, frogs
Invertebrates: Worms, aquatic insects, snails
Plants: Saprolegnia, Filamentous Algae, Moss Grasses Aquatic plants Weeds Various seeds
Other Biologics (e.g. disease, pathogen, parasite, or non-pathogens): Any of a variety of diseases, pathogens, and parasites which could include the following: Gyrodactylus BKD Furunculosis Pseudomonas
Others (non-biological contaminants e.g. pesticide residue, oil products, etc. or harborage via packing or construction materials, etc.): Petroleum residue from the stocking trucks

### 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 Check disinfection log and proceed accordingly	Vertebrates Wild fish, frogs	yes	Disinfection was necessary	Check log and verify disinfection	yes
	Invertebrates Worms, aquatic insects, snails	yes	“	“	
	Plants Saprolegnia, Filamentous Algae, Moss, Grasses, Aquatic plants, weeds, various seeds	yes	“	“	
	Others Biologics Any of a variety of diseases, pathogens, and parasites	yes	“	“	
	Others Petroleum residue from the stocking trucks	yes	“	“	

Task 2 Water-up stocking truck and load fish	Vertebrates	no	Well water loading Raceways isolated	N/A	no
	Invertebrates	no	“		
	Plants	no	“		
	Others Biologics	no	“		
	Others	no	“		

### 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 Drive to release site	Vertebrates	no	Introduction of unwanted fish into Ship Creek	Clean screen carefully with no leakage. Screening effluent.	no
	Invertebrates	“			“
	Plants	“			“
	Others Biologics	“			“
	Others Petroleum residue from the stocking trucks	yes		Pre-trip inspection	“

Task # 4 Release fish at first of multiple stocking sites	Vertebrates	no			no
	Invertebrates	“			“
	Plants	“			“
	Others Biologics	“			“
	Others	“			“

*For additional pages, select entire page and copy to a new page.*

### 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 # 5 Inspect/Disinfect truck and equipment	Vertebrates	no			yes
	Invertebrates	yes	Greatest potential for contamination		“
	Plants	yes	“		“
	Others Biologics	yes	“		“
	Others	yes	“		“
Task # 9 Return to hatchery and disinfect truck/equipment and log.	Vertebrates	no			yes
	Invertebrates	yes	Greatest potential for contamination		“
	Plants	yes	“		“
	Others Biologics	yes	“		“

For additional pages, select entire page and copy to a new page. **HACCP Step 4 - Hazard Analysis Worksheet**  
(continued)

**HACCP Step 5 – HACCP Plan Form**

## HACCP Plan Form

(all CCP's or "yes's" from column 6 of HACCP Step 4 – Hazard Analysis Worksheet)

Critical Control Point (CCP)	Significant Hazard(s)	Limits for Each Control Measure	Monitoring				Evaluation & Corrective Action(s) (if needed)	Supporting Documentation (if any)
			What	How	Frequency	Who		
Check logs Inspect/Disinfect	Potential Contamination Of Invasive species	Check Inspect	Disinfection	log	Between Sites and hatchery	Driver	Loss of fish stocking privileges	Disinfection log
Facility: Ft. Richardson Hatchery - ADF&G SF					Activity/Management Objective: Load/Release fish at multiple stocking locations.			
Address: Box 5267 Fort Richardson, Alaska 99505								
Signature:  HACCP Plan was followed.					Date:			