Verification Checklist for Triploid Grass Carp Inspections

(amended 8-2010)

Date: _____ Time: _____

Inspection Number: _____ Facility: _____

This checklist is used by both producers and inspectors upon arrival and during the inspection as a Quality Assurance/Quality Control document to verify inspection procedures are followed according to the standards. The Producer will present this checklist to the Inspector upon arrival at the farm site. The Producer and or Inspector will initial each check list requirement upon completion as indicated below. Deviations should be recorded below each requirement as needed. Any failures indicated below will terminate the inspection process. Unless circumstances can be resolved immediately on site the inspection will be re-scheduled for another date and time. The Inspector will then depart the farm site. A letter of warning/concern will be issued by the inspector or supervisor via US Postal Service within 3 business days. *Producer Initials= P____, Inspector Initials=I_____ after each check criteria below.*

1. Prior to scheduling an inspection the producer must individually test the group of grass carp for ploidy, remove all non triploid fish and segregate the triploid grass carp within isolated labeled containment units.
   Date(s) of pre-screening of fish_____ P___

2. The Producer should contact the USFWS Inspector to schedule an inspection 48 hours prior to inspection. Inspectors may schedule inspections with less notice at their discretion.
   Time Scheduled: _____ P____ I____

3. Producers should have a minimum of 1500 fish ready to ship to schedule an inspection. An inspection request of smaller groups of fish is permitted at the discretion of the inspector.

   Reported Number of Fish to inspect: _____ Actual Number of Fish to inspect: _____
   P____I____

4. The Producer will provide the Inspector upon arrival the location and number of isolated alleged 100% individually producer tested triploids using the table below. **Max. Lot Size for One Inspection: 6000 Fish**

Tank Number (ID)	Number of screened Triploids	Number of fish selected by Inspector
	Total all tanks:	**Total : 120**

5. Inspector visually checks number of fish in vats/tanks. Water in vats/tanks must be provisioned with water clear enough for the inspector to observe quantity/quality of fish. If water clarity is marginal due to unique event, indicate how fish were observed: _____
   □**PASS** □**FAIL** **Type Failure:** □**C** P____ I____

6. Untested grass carp and diploid grass carp used for controls and/or for sale are isolated in separate, labeled containment units (vat/tank) on the producers site at least six (6) feet away from the alleged 100% individually producer tested triploid grass carp group(s) being isolated for subsequent certification by inspectors.
   □**PASS** □**FAIL** **Type Failure:** □**C** P____ I____

7. Alleged 100% individually producer tested triploids must be isolated 100 feet from production ponds holding grass carp and tanks are labeled.
   □**PASS** □**FAIL** **Type Failure:** □**C** P____ I____

8. Fish for inspection have visible prick mark indicating recent blood testing.
   P___ I ___
   □**PASS** □**FAIL** **Type Failure:** □**C**

9. Inspector supervises and directs the selection of the random 120 fish sample used in the inspection process.
   □**PASS** □**FAIL** **Type Failure:** □**D** P___ I ____

10. A minimum of two diploid grass carp control fish from the producer's site (and preferably taken from the lot of fish being certified) are collected under the supervision of the inspector to be used to calibrate the producer's particle sizing equipment for each and every inspection. As an option, 2.8 micron polystyrene beads may be used as a standard to calibrate when diploids are unavailable at the time of the inspection.
    P___ I ___

11. Inspector supervises analysis of control samples to confirm working status of particle sizer.
    Inspection start time: _____ □AM □PM P___ I ___

First diploid control readings: (1) _____ (2) _____ (3) _____	P____ I____
Second diploid control readings: (1) _____ (2) _____ (3) _____	P____ I____
2.8 μm^3 Polystyrene bead reading (1) _____ (optional)	P____ I____
2.0 μm^3 control bead reading (1) _____ (2) 5.0 μm^3 _____ (optional)	P____ I____
The producer's particle sizer is in good working order for the inspection: □**PASS** □**FAIL** Type **Failure: B**	
If Fail, Explain: _____	P____ I____

12. Inspector supervises the 120 fish sample testing and channelizes every tenth sample, recording the modal peak reading (μm^3):

    1_____ 2_____ 3_____ 4_____ 5_____ 6_____ 7_____ 8_____ 9_____ 10_____ 11_____ 12_____

    Inspection testing end time: _____ □AM □PM **Inspection Status:** □**PASS** □**FAIL**
    If status Fail, Indicate Type Failure: □**A** □**B** P___ I ___
    Modal peak reading for suspect sample_____
    Remarks: _____

    Number Certificates Issued under this Inspection: _____

Tank Number	Destination Customer Name State	Number of Fish	Date of Departure	Certificate Number	Date of expiration
	Total Fish Shipped:				

If addition space is needed use continuation sheet attached.

Inspector's Signature_____ Producer's Signature_____
Time of Inspector departure from farm site: _____ □AM □PM

Inspection Certificates Continued: Inspection Number_____

Tank Number	Destination Customer Name State	Number of Fish	Date of Departure	Certificate Number	Date of expiration

Total Fish Shipped: