

# Fish Inspection Testing Report – LN18-83

## UAPB Fish Health Inspection Laboratory at Lonoke

### Standard Report

**Sampling Date:** October 30, 2018  
**Processing Date:** October 31, 2018  
**Inspection Report Date:** January 1, 2019

**Production Facility Name:** Bagnell Farms  
**Contact:** Steve Kahrs  
**Address:** 63 HWY V, Eldon, MO 65026  
**Phone:** (573) 348-2305

**Sample Collector:** Dr. Jerry Taylor, DVM, P.O. Box 860, Richland, MO 65556, (573) 480-1308

**APHIS-AVIC:** Dr. David Hopson, 1442 Aaron Ct, Jefferson City, MO 65101, (573) 636-3116

**Testing performed:** VHSV, SVCV, IHN, and IPNV on FHM and/or BF-2 cells; BF and ERM on BHI agar; observation for heterosporosis signs. *Key for all abbreviations on back.*

Fish species	# of samples	Size (cm)	Results from testing performed
CAP	150	3-5.5	Specific pathogens listed were not detected or observed

**Comments:** Testing performed according to APHIS-Approved Protocols, OIE regulations, Bluebook standards and Northeast Guidelines. This is the second fish health inspection for the Bagnell Farms, however the carp come from the Osage Catfisheries that has a ten year history free of SVCV, IHN, VHSV, and IPNV. The fish are healthy and in good condition with no evidence of disease.



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**The original version of this Inspection Report contains a WaterMark of our Seal.  
 Hold up to light to verify. The WaterMark is visible from both sides.**

## Key to abbreviations:

### Viruses

VHSV – Viral Hemorrhagic Septicemia Virus  
 SVCV – Spring Viremia of Carp Virus  
 IHNV – Infectious Hematopoietic Necrosis Virus  
 IPNV – Infectious Pancreatic Necrosis Virus  
 CCV – Channel Catfish Virus

### Bacteria

BF – Bacterial Furunculosis (*Aeromonas salmonicida*)  
 ERM – Enteric Redmouth (*Yersinia ruckerii*)  
 ESC – Enteric Septicemia of Catfish (*Edwardsiella ictaluri*)

### Parasites

HS – Heterosporosis (*Heterosporis* spp.)

### Detection tests

FHM – Fathead minnow cells (cell line used to grow viruses - sensitive to VHSV, SVCV and IHNV from various fish species)  
 BF-2 – Bluegill fin -2 cells (used to grow viruses – sensitive to VHSV and IPNV from various fish species)  
 CCO – Channel catfish ovary cells (used to grow virus – sensitive to CCV from Ictalurid species)  
 BHI – Brain heart Infusion agar (used to grow bacteria that cause – BF, ERM and ESC from various fish species)

### Fish species

GS	Golden shiner	<i>Notemigonus crysoleucas</i>	LMB	largemouth bass	<i>Micropterus salmoides</i>
FHM	fathead minnow	<i>Pimephales promelas</i>	SMB	smallmouth bass	<i>Micropterus dolomieu</i>
GF	goldfish	<i>Carassius auratus</i>	YP	yellow perch	<i>Perca flavescens</i>
Koi or CAP	koi/common carp	<i>Cyprinus carpio</i>	WE	Walleye	<i>Sander vitreus</i>
GC	grass carp	<i>Ctenopharyngodon idella</i>	CCF	Channel catfish	<i>Ictalurus punctatus</i>
BG	bluegill	<i>Lepomis macrochirus</i>	CCFxBCF	hybrid catfish	<i>Ictalurus punctatus x Ictalurus furcatus</i>
RE	reдеar	<i>Lepomis microlophus</i>	BRB	Brown bullhead	<i>Ameiurus nebulosus</i>
RExBG	hybrid reдеar	<i>Lepomis microlophus x Lepomis macrochirus</i>	STB	striped bass	<i>Morone saxatilis</i>
GRS	green sunfish	<i>Lepomis cyanellus</i>	WB	white bass	<i>Morone chrysops</i>
BGxGRS	hybrid bluegill	<i>Lepomis macrochirus x Lepomis cyanellus</i>	WBxSTB	Hybrid striped bass	<i>Morone chrysops x Morone saxatilis</i>
PSS	Pumpkin seed sunfish	<i>Lepomis gibbosus</i>	TIL	Tilapia	<i>Oreochromis</i> spp.
BC	black crappie	<i>Pomoxis nigromaculatus</i>	PFE	Paddle fish eggs	<i>Polydon spathula</i>
WC	white crappie	<i>Pomoxis annularis</i>	GAM	Gambusia	<i>Gambusia affinis</i>
BCxWC	hybrid crappie	<i>Pomoxis nigromaculatus x Pomoxis annularis</i>			

