



# Arkansas Department of Agriculture Aquaculture Laboratory

## Final Fish Inspection Testing Report: 25-AQ108

1 Natural Resources Drive, Little Rock, AR 72205 Phone: 501-823-1730

### International Report – Canada, European Countries, United Kingdom

**Sampling Date:** December 2, 2025

**Processing Date:** December 3, 2025

**Verification Date:** December 22, 2025

**Inspection Report Date:** January 2, 2026

**Production Facility Name:** Osage Catfisheries

**Contact:** Steve Kahrs

**Address:** 1170 Nichols Rd., Osage Beach,  
MO 65065

**Phone:** (573) 348-2305

**Sample Collector:** Dr. Travis Inman, DVM, Valeo Veterinary LLC, 4219 Pogue Hollow, Osage Beach,  
MO 65065, 573-200-6370.

**APHIS-AVIC:** Dr. Kevin Petersburg, 1715 Southridge Dr., Jefferson City, MO 65109, 573-658-9850.

**Testing performed:** VHSV, SVCV, IPNV, and IHNV, on FHM and BF-2 cells on all fish species; RSIV on GF cells (*Micropterus* and *Morone* species); KHV using qPCR (goldfish and Koi/Carp); observation for signs of EUS on fish. *Key for all abbreviations on the back.*

Fish species	# of samples	Size (cm)	Results from testing performed
FHM	175	3.5-5.0	Specific pathogens listed were not detected or observed
RE	60	6.1-7.4	Specific pathogens listed were not detected or observed
CCF	60	4.9-11.2	Specific pathogens listed were not detected or observed
BCF	60	15.0-17.9	Specific pathogens listed were not detected or observed
LMB	60	6.5-8.6	Specific pathogens listed were not detected or observed
BC	60	6.3-9.6	Specific pathogens listed were not detected or observed
BG	60	5.0-7.0	Specific pathogens listed were not detected or observed
GRS	60	6.4-10.3	Specific pathogens listed were not detected or observed
BGXGRS	60	4.2-6.3	Specific pathogens listed were not detected or observed

**Comments:** Testing performed according to APHIS-Approved Protocols, WOA regulations, and Bluebook standards. Osage Catfisheries has been fish health tested annually and/or semi-annually for viruses (at least 150 fish per inspection) in 2025, 2024, 2023, 2022, and 2021. The fish appear healthy and in good condition with no evidence of disease.

*Nilima N. Renukdas*

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### International Report – Canada, European Countries, United Kingdom

**Sampling Date:** December 2, 2025

**Processing Date:** December 3, 2025

**Verification Date:** December 22, 2025

**Inspection Report Date:** January 2, 2026

**Production Facility Name:** Bagnell Farms

**Contact:** Steve Kahrs

**Address:** 63 HWY V, Eldon, MO 65026

**Phone:** (573) 348-2305

**Sample Collector:** Dr. Travis Inman, DVM, Valeo Veterinary LLC, 4219 Pogue Hollow, Osage Beach, MO 65065, 573-200-6370.

**APHIS-AVIC:** Dr. Kevin Petersburg, 1715 Southridge Dr., Jefferson City, MO 65109, 573-658-9850.

**Testing performed:** VHSV, SVCV, IPNV, and IHNV, on FHM and BF-2 cells on all fish species; RSIV on GF cells (*Micropterus* and *Morone* species); KHV using qPCR (goldfish and Koi/Carp); observation for signs of EUS on fish. *Key for all abbreviations on the back.*

Fish species	# of samples	Size (cm)	Results from testing performed
CAP	150	4.5-8.2	Specific pathogens listed were not detected or observed

**Comments:** Testing performed according to APHIS-Approved Protocols, WOA regulations, and Bluebook standards. The Bagnell Farm has been fish health tested annually and/or semi-annually for viruses (at least 150 fish per inspection) in 2025, 2024, 2023, 2022, and 2021. The fish appear healthy and in good condition with no evidence of disease.

*Nilima N. Renukdas*

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# Arkansas Department of Agriculture

## Aquaculture Laboratory

### Key to abbreviations – International

#### Viruses

VHSV – Viral Hemorrhagic Septicemia Virus  
 SVCV – Spring Viremia of Carp Virus  
 IHNV – Infectious Hematopoietic Necrosis Virus  
 IPNV – Infectious Pancreatic Necrosis Virus  
 RSIV – Red Sea Bream Iridovirus  
 KHV – Koi Herpes Virus

#### Parasites

EUS – Epizootic Ulcerative Syndrome (*Aphanomyces* 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)  
 GF – Grunt fin cells (used to grow virus – sensitive to RSIV and tested from *Micropterus* spp. and *Morone* spp. for Canada)  
 qPCR – quantitative Polymerase Chain Reaction (specific DNA sequence test for KHV in goldfish and common carp varieties)  
 BHI – Brain heart Infusion agar (used to grow bacteria that cause – BF, ERM, and ESC from various fish species), BHI with blood (used to grow *Streptococcus* spp. from Tilapia 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</i> x <i>Ictalurus furcatus</i>
RE	redeer	<i>Lepomis microlophus</i>	BRB	Brown bullhead	<i>Ameiurus nebulosus</i>
RExBG	hybrid redear	<i>Lepomis microlophus</i> x <i>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</i> x <i>Lepomis cyanellus</i>	WBxSTB	Hybrid striped bass	<i>Morone chrysops</i> x <i>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</i> x <i>Pomoxis annularis</i>	ES	Emerald shiner	<i>Notropis atherinoides</i>
ESM	Eastern Silvery Minnow	<i>Hybognathus regius</i>			

End of the report