



# Arkansas Department of Agriculture Aquaculture Laboratory

## Final Fish Inspection Testing Report: 25-AQ110

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

### Standard Report

**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 Inc.  
"Golf Course Smallmouth Bass  
Nursery Units"

**Contact:** Pete and Steve Kahrs

**Address:** 1170 Nichols Road, 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 on all fish species:** VHSV, SVCV, IHN, and IPNV on FHM and BF-2 cells; BF and ERM on BHI agar; observation for signs of HS.

**Other testing performed depending on fish species:** LMBV on FHM cells (centrarchids), CCV on CCO cells (ictalurids), ESC on BHI agar (ictalurids), STC on BHI-blood agar (tilapia species); *Key for all abbreviations on the back.*

Fish species	# of samples	Size (cm)	Results from testing performed
SMB	60	6.5-8.5	Specific pathogens listed were not detected or observed

**Comments:** Testing performed according to SOPs and Bluebook standards. This is the sixth semi-annual inspection of SMB on this farm. The fish appear healthy and in good condition with no evidence of disease.

*Nilima N. Renukdas*

Nilima N. Renukdas, Ph.D., AFS/FHS Fish Health Inspector  
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1 Natural Resources Drive, Little Rock, AR 72205 Phone: 501-823-1730

**California, Maryland, Michigan, New Jersey, and Vermont**

**Sampling Date:** December 2, 2025

**Processing Date:** December 3, 2025

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

**Production Facility Name:** Osage Catfisheries Inc.

"Golf Course Smallmouth  
Bass Nursery Units"

**Contact:** Pete and Steve Kahrs

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MO 65065

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

**Testing performed on all fish species:** VHSV, SVCV, IHN, and IPNV on FHM and BF-2 cells, and any other virus, including GSV and FHMNV, causing CPE on cell lines will be identified and reported; BF and ERM on BHI agar; observation for signs of HS.

**Other testing performed depending on fish species:** LMBV on FHM cells (centrarchids), CCV on CCO cells (ictalurids), KHV using qPCR (Koi/Carp); ESC on BHI agar (ictalurids), STC on BHI-blood agar (tilapia species); AT by examination of the intestinal tract (cyprinids). *Key for all abbreviations on the back.*

Fish species	# of samples	Size (cm)	Results from testing performed
SMB	60	6.5-8.5	Specific pathogens listed were not detected or observed

**Comments:** Testing performed according to SOPs and Bluebook standards. CPE was not observed in any cell line used to test for viruses. This is the sixth semi-annual inspection of SMB on this farm. The fish appear healthy and in good condition with no evidence of disease.

*Nilima N. Renukdas*

Nilima N. Renukdas, Ph.D., AFS/FHS Fish Health Inspector  
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## 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  
 LMBV – Largemouth bass virus

### Bacteria

BF – Bacterial Furunculosis (*Aeromonas salmonicida*)  
 ERM – Enteric Redmouth (*Yersinia ruckeri*)  
 ESC – Enteric Septicemia of Catfish (*Edwardsiella ictaluri*)  
 STC – Streptococcus spp.

### 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). BHI with blood (used to grow STC 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 x Ictalurus furcatus</i>
RE	redear	<i>Lepomis microlophus</i>	BRB	Brown bullhead	<i>Ameiurus nebulosus</i>
RExBG	hybrid redear	<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>	ES	Emerald shiner	<i>Notropis atherinoides</i>
ESM	Eastern Silvery Minnow	<i>Hybognathus regius</i>			

End of the report