

Fish Inspection Testing Report – LN20-82

UAPB Fish Health Inspection Laboratory at Lonoke

Standard Report

Sampling Date: November 03, 2020

Processing Date: November 04, 2020

Inspection Report Date: January 1, 2021

Production Facility Name: Osage Catfisheries, Inc.

Contact: Steve Kahrs

Address: 1170 Nichols Road, Osage Beach, MO
65065

Phone: (573) 348-1895

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

APHIS-AVIC: Dr. Terri Gosch, 1715 Southridge Dr., Jefferson City, MO 65109, 573-658-9850

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

Fish species	# of samples	Size (cm)	Results from testing performed
BG	60	2.4-4.4	Specific pathogens listed were not detected or observed
RE	60	5.0-7.0	Specific pathogens listed were not detected or observed
CCF	60	4.5-6.0	Specific pathogens listed were not detected or observed
BCF	60	24.0-34.5	Specific pathogens listed were not detected or observed
LMB	60	5.3-7.4	Specific pathogens listed were not detected or observed
BC	60	5.5-7.0	Specific pathogens listed were not detected or observed
FHM	60	2.0-3.0	Specific pathogens listed were not detected or observed
GRS	60	7.0-10.0	Specific pathogens listed were not detected or observed
BGXGRS	60	3.0-4.5	Specific pathogens listed were not detected or observed

Comments: Testing performed according to APHIS-Approved Protocols, OIE regulations, Bluebook standards and Northeast Guidelines. 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.



Nilima N. Renukdas

Nilima N. Renukdas, PhD. AFS/FHS Fish Health Inspector
Phone: 501-676-3124; Email: renukdasn@UAPB.edu

**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 ruckeri*)
 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</i> x <i>Ictalurus furcatus</i>
RE	reдеar	<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>	BCF	Blue catfish	<i>Ictalurus furcatus</i>

