

Fish Health Inspection Report

Company: Blackwater Creek Koi Farms
Facility : Eustis Facility
Location: 30540 State Rd 44
 Eustis, FL 32736
 US

Site Manager: Joe Pawlak
Phone: (352) 357-4563
Water Source: Well (Protected)
Water Treatment: None

Current Inspection: 21-Mar-16 **Prior Inspections:** 02-Dec-15
 12-Feb-15
 06-Nov-14
 05-Mar-14

Type of Fish Examined: Farm

Lab Accession: M16032204

Species	Lot ID	Age	Number in Lot	Eggs (E) or Fish (F) Origin	Sample Date(s)	*Pathogens - Methods and Results													
						Virus									Parasite				
						OMV	EHNV	IHNV	IPNV	ISAV	KHV	RSIV	SVCV	VHSV	SAV	AI	GS	CS	MC
<i>Carassius auratus</i> goldfish	M16-171	12 mo	20,000	(E) Blackwater Creek Koi Farms (FL)	21-Mar-16				P24B		P94B		P42B	P42B		D			
									75		75		75	75		75			
									neg		neg		neg	neg		neg			
<i>Cyprinus carpio koi</i> koi	M16-172	12 mo	50,000	(E) Blackwater Creek Koi Farms (FL)	21-Mar-16				P24B		P94B		P42B	P42B		D			
									100		100		100	100		100			
									neg		neg		neg	neg		neg			

Notes: * See other side of sheet for explanations of Pathogens - Methods and Results coding
 All lots were tested according to World Organization for Animal Health (OIE) " Manual of Diagnostic Tests for Aquatic Animals " (2014) and/or equivalent protocols. **COLLECTION AND TESTING WAS CONDUCTED TO MEET CURRENT IMPORT REQUIREMENTS FOR CANADA.**

Samples Collected By: Kathleen Hartman , DVM
Affiliation: USDA, APHIS, VS
Telephone: (813) 477-7019
Client Reference #:
Inspecting Biologist: *William R. Keleher*
 William R. Keleher, Jr., Fish Health Inspector

FOOTNOTES:

PATHOGEN ABBREVIATIONS

OMV	Oncorhynchus Masou virus
EHNV	Epizootic Hematopoietic Necrosis virus
IHNV	Infectious Hematopoietic Necrosis virus
IPNV	Infectious Pancreatic Necrosis virus
ISAV	Infectious Salmon Anemia virus
KHV	Koi Herpes virus
RSIV	Red Sea Bream iridovirus
SVCV	Spring Viremia of Carp virus
VHSV	Viral Hemorrhagic Septicemia virus
SAV	Salmonid Alphavirus
AI	Epizootic ulcerative syndrome
GS	Gyrodactylus salaris
MC	Myxobolus cerebralis

In lots of fish less than one year of age, the age is listed in arabic numerals followed by mo. for month; for fish older than one year, the age is expressed in arabic numerals followed by a plus sign to indicate "older than".

Findings are reported in columns from top to bottom for each lot as follows: number of fish examined; methods used; results. Positive results include the number of positive individuals (or pools).

RESULTS ARE REPORTED AS (-) IF NEGATIVE AND AS # +/- # SAMPLED IF POSITIVE.

FOR BKD, APPROXIMATE LEVELS OF INFECTION ARE ALSO REPORTED (e.g., 10/ 50 fields)

VIRAL PATHOGENS:

First letter = sampling method

A = whole fry homogenates(minus head, tail, yolk sac if present)
B = whole visceral homogenates
C = kidney/spleen
D = ovarian fluids
E = kidney/spleen/heart
F = kidney/spleen/liver
G = kidney/spleen/heart/liver/pyloric caeca/gill
H = kidney/spleen/swim bladder
I = kidney/spleen/heart/liver
J = brain/eye
K = kidney/spleen/pyloric caeca/gill
L = kidney/spleen/heart/swim bladder
M= kidney/spleen/liver/swim bladder
N = kidney/spleen/heart/liver/swim bladder
O = kidney/spleen/heart/pyloric caeca/gill
P = kidney/spleen/heart/liver/gill
Q = kidney/spleen/heart/gill
R = kidney/heart
S = whole animal

Numbers = continuous cell lines used

1 = GF-1 (grunt fin)
2 = CHSE-214 (chinook salmon embryo)
3 = FHM (fathead minnow)
4 = EPC (epithelioma papillosum cyprini)
5 = BF-2 (bluegill fry)
6 = CCO (Channel Catfish ovary)
7 = ASK (atlantic salmon kidney)
8 = SSN-1 (striped snake head)
9 = KF-1 (koi fin)
10 = GF1 (grouper fin)

Pooling of samples

A = individual fish
B = five fish pools
C = sixty fish pools
D = Other _____

Confirmatory diagnosis -

Last letter

H = slide agglutination
I = direct fluorescent antibody test
J = indirect fluorescent antibody test
K = ELISA
L = immunodot
M = fluorescent immunoassay
N = PCR

PARASITIC PATHOGENS

Encoded as follows:

A =digestion method
B = plankton centrifuge method
C = examination of stained smear
D = gross examination
E = PCR
F = microscopic examination