



Inspection Report

Sea World of Florida
7007 Sea World Drive
Orlando, FL 32821

Customer ID: **3108**
Certificate: **58-C-0077**
Site: 002
SEA WORLD OF FLORIDA

Type: RE-LICENSE INSPECTION
Date: 05-DEC-2022

3.106(a)

Water quality.

A review of water quality records since late August 2020 until present day identified numerous total chlorine readings where the levels in several pool systems actively containing animals were above 1.0PPM. The highest readings were documented at Discovery Cove in DC-1, DC-2, DC-3 and DC Support. At the time of the inspection, the facility was taking water samples every three hours. The 8am and 1pm samples were being collected by animal trainers at various inconsistent locations along the pool sides. The samples taken throughout the rest of the day were being collected by life support staff at consistent locations and depths opposite the inflow valves. Furthermore, the facility's acceptable total chlorine parameters were set between 0.8PPM and 1.2PPM with 1.0PPM being the optimal level. DC-Support pool had 107 readings and DC-1 pool had 554 readings that were above 1.0PPM over the two-year period.

At the time of inspection, there was at least one animal receiving treatment for varying states of eye conditions. Roxy, a 24yr old female Bottlenose dolphin, was under active treatment for an ocular condition. Furthermore, Calli a 24yr old female Bottlenose dolphin received treatment in October 2022 after trainers noted her left eye was squinting. Her veterinary journal indicates that she was seen squinting on October 12th, 2022. The chlorine readings for her pool (Key West) three days prior to the observation were as follows; October 9th 8am: 1.1PPM & 1pm: 1.2PPM; October 10th 8am: 1.2PPM & 1pm: 0.9PPM; October 11th 8am: 1.1PPM & 1pm: 0.8PPM.

Prepared By: E GONZALEZ

USDA, APHIS, Animal Care

Date:
03-MAR-2023

Title: VETERINARY MEDICAL
OFFICER

Received by Title: Facility Representative

Date:
03-MAR-2023



Inspection Report

Industry standards set the maximum level of total chlorine at 1.0PPM. Total chlorine is a measurement of both free chlorine and chloramines. Chloramines are much more irritating to an animal's skin, eyes and lungs than free chlorine. Increasing chlorine to levels above industry standards in pools that actively contain animals in order to maintain coliform levels below 1000 MPN per 100ml of water is not an acceptable method of disinfection. Total chlorine levels above 1.0PPM over extended periods of time can cause marine mammals skin, respiratory, and eye issues. Constant management and maintaining chlorine levels below 1.0PPM is necessary to maintain the health and welfare of the marine mammals. The facility shall ensure that the primary enclosure shall not contain water which would be detrimental to the health of the marine mammal contained therein.

Correct prior to scheduling your next relicense inspection.

This is a 1st Re-License Inspection for a Class "C" license. The inspection and exit briefing were conducted with the applicant.

All items must be in compliance within 2 more inspection(s) or by February 5, 2023, or the applicant will forfeit the license fee and must wait 6 months to reapply. Please contact your inspector to schedule your next Re-License Inspection.

Regulated activity can continue under your existing USDA license until it expires.

Additional Inspectors:

Charles Palmer, VETERINARY MEDICAL OFFICER

Prepared By: E GONZALEZ

USDA, APHIS, Animal Care

Title: VETERINARY MEDICAL
OFFICER

Date:
03-MAR-2023

Received by Title: Facility Representative

Date:
03-MAR-2023



Species Inspected

Cust No	Cert No	Site	Site Name	Inspection
3108	58-C-0077	002	SEA WORLD OF FLORIDA	05-DEC-2022

Count	Scientific Name	Common Name
000005	<i>Orcinus orca</i>	KILLER WHALE
000002	<i>Potos flavus</i>	KINKAJOU
000005	<i>Callithrix geoffroyi</i>	WHITE-FRONTED MARMOSET
000003	<i>Cephalorhynchus commersonii</i>	COMMERSON'S DOLPHIN
000068	<i>Tursiops truncatus</i>	BOTTLENOSE DOLPHIN
000026	<i>Trichechus manatus</i>	CARIBBEAN MANATEE
000028	<i>Aonyx cinereus</i>	ORIENTAL SMALL-CLAWED OTTER
000002	<i>Delphinapterus leucas</i>	BELUGA WHALE
000001	<i>Choloepus didactylus</i>	LINNAEUS'S TWO-TOED SLOTH
000002	<i>Tolypeutes matacus</i>	SOUTHERN THREE-BANDED ARMADILLO
000094	<i>Zalophus californianus</i>	CALIFORNIA SEA LION
000005	<i>Odobenus rosmarus</i>	WALRUS
000041	<i>Phoca vitulina</i>	HARBOR SEAL
000004	<i>Tamandua tetradactyla</i>	SOUTHERN TAMANDUA
000001	<i>Choloepus hoffmanni</i>	HOFFMANN'S TWO-TOED SLOTH
000287	Total	