

Oiled Marine Mammal

Gross Necropsy Report

Form completed by: **Dr Connie Chevis** Date: **9/20/2010**

Enforcement Officer: _____

Strand/Capture location: **Dauphin Island, Mobile, AL**

Collectors Name: **Shannon Finerty**

Intake date: **9/19/2010** Euthanasia

Death date: _____ Time: _____ yes

Post mortem date: **9/20/2010** Time: _____ no

Carcass Classification: Frozen yes no

2- fresh 3- fair (organs intact) 4- poor 5- mummified **3**

Photographs:

Radiographs:

Spill Name: **BP Deepwater Horizon**

Animal Log #: **D-0030**

Level A Field #: **791VMS091910** Tag #: _____

Species: **Tursiops truncatus**

Sex: **Unknown** Age: **Young adult**

Weight: **147** kg estimate/actual

SON: emaciated 1 2 3 4 5 6 7 obese **3-4**

Measurements: Blubber depth **2.0** mm

SL **208** cm AG _____ cm UG _____ cm XC _____ cm

Clinical signs/diagnosis: _____

Antibiotics given: _____

Pertinent lab results: _____

GROSS NECROPSY ABNORMALITIES:

Two rope marks on right lateral side and one across right ventral dorsal fin. Rope mark around base of peduncle-pulled to dock and for placement in truck by peduncle.

Subdural hemorrhage along central sulcus. Cerebral blood vessels engorged.

Calcified circular encapsulated 0.6 cm mass in right cerebrum adjacent to central sulcus.

Multiple conspecific rake mark scars.

Both lungs had few parasites and several small granulomas.

Partially digested fish in caudal thoracic esophagus. No ulcers seen. Cranial esophagus had fish head skeleton.

Forestomach full of partially digested fish and shrimp. No parasites seen. After removing contents there was thick greyish black, gritty material coating stomach lining.

Main stomach had one fish eye and no parasites.

Pyloric stomach had large amount of thick gritty grayish material with black specks, shrimp exoskeleton and fish scales.

Pyloric sphincter had dark green/black coloration in submucosa.

Large intestine had clay like feces.

Tracheal mucosa was dark red and submucosa had 1 mm layer of hemorrhaging.

Some hemorrhaging along the neck caudal to the left ear.

Bruising and hemorrhaging on lower jaw. No external lesions seen.

Blubber had red discoloration along left side of body. Blubber oozed dark red blood. Sub blubber/fascial blood vessels were very prominent and had dark red blood.

HYDROCARBON ANALYSIS SAMPLES			MICROBIOLOGY		SWABS: other	
bile <input checked="" type="checkbox"/>	kidney <input checked="" type="checkbox"/>	blubber/fat <input checked="" type="checkbox"/>	Lung <input type="checkbox"/>		Cerebrospinal fluid <input type="checkbox"/>	
blood <input checked="" type="checkbox"/>	muscle <input checked="" type="checkbox"/>	other <input checked="" type="checkbox"/>	Liver <input type="checkbox"/>		skin <input type="checkbox"/>	
urine <input type="checkbox"/>	lung <input checked="" type="checkbox"/>		other <input checked="" type="checkbox"/>	Stomach fluid		
liver <input checked="" type="checkbox"/>	intestine <input checked="" type="checkbox"/>					

HISTOLOGY SAMPLES						LYMPH NODES:	
lung <input checked="" type="checkbox"/>	thyroid <input checked="" type="checkbox"/>	ileum <input checked="" type="checkbox"/>	kidney <input checked="" type="checkbox"/>	mammary gland <input type="checkbox"/>	muscle <input checked="" type="checkbox"/>	colonic <input checked="" type="checkbox"/>	gastric <input checked="" type="checkbox"/>
trachea <input checked="" type="checkbox"/>	tonsil <input checked="" type="checkbox"/>	colon <input checked="" type="checkbox"/>	ureter <input checked="" type="checkbox"/>	adrenal <input checked="" type="checkbox"/>	gonad <input checked="" type="checkbox"/>	sublumbar <input type="checkbox"/>	hepatic <input type="checkbox"/>
heart <input checked="" type="checkbox"/>	tongue <input checked="" type="checkbox"/>	pancreas <input checked="" type="checkbox"/>	urinary bladder <input checked="" type="checkbox"/>	skin <input checked="" type="checkbox"/>	prostate <input type="checkbox"/>	inguinal <input type="checkbox"/>	mediastinal <input type="checkbox"/>
aorta <input checked="" type="checkbox"/>	esophagus <input checked="" type="checkbox"/>	spleen <input checked="" type="checkbox"/>	urethra <input checked="" type="checkbox"/>	eye (L/R) <input type="checkbox"/>	uterus <input type="checkbox"/>	axillary <input type="checkbox"/>	submandibular <input checked="" type="checkbox"/>
pulmonary artery <input checked="" type="checkbox"/>	stomach <input checked="" type="checkbox"/>	liver <input checked="" type="checkbox"/>	blubber <input checked="" type="checkbox"/>	fat-site: _____	vagina <input type="checkbox"/>	mesenteric <input checked="" type="checkbox"/>	tracheobronchial <input type="checkbox"/>
thymus <input checked="" type="checkbox"/>	duodenum <input checked="" type="checkbox"/>	gall bladder <input type="checkbox"/>	bone marrow <input checked="" type="checkbox"/>		cervix <input type="checkbox"/>		
salivary gland <input checked="" type="checkbox"/>	jejunum <input checked="" type="checkbox"/>	brain <input checked="" type="checkbox"/>	spinal cord <input checked="" type="checkbox"/>	whole repro <input type="checkbox"/>	penis <input checked="" type="checkbox"/>		

other: **Stomach contents, subcapular & pulm LN, etc**

Cause of death (preliminary diagnosis): Brain hemorrhage, hemorrhagic syndrome. Acute death- stomach full of food. Possible trauma to head and neck

Examiner: **Dr. Connie Chevis** Examiner's signature: *Conn* Date: **9/20/10**