

Oiled Marine Mammal

Gross Necropsy Report

Spill Name: BP Deepwater Horizon / MC252	
Animal Log #: BP-2010-LA294	
Level A Field #	AMS20100803LA001
Tag #	
Species	Tursiops truncatus
Sex	Male
Age	Adult
Weight	ne kg (estimate/actual)
SON	emaciated 1 2 3 4 5 6 7 obese 2
Measurements	Blubber depth 8.0 mm
SL	276 cm
AG	143 cm
UG	82 cm
XG	15 cm

Form completed by	Field & Piscitelli	Date	8/4/2010
Enforcement Officer			
Strand/Capture location	Ruthersford Beach, LA		
Collectors Name	Amanda Shahan, LDWF		
Intake date	8/3/2010	Euthanasia	
Death date		Time	yes
Post mortem date	8/4/2010	Time	13:45
			no
Carcass Classification:	Frozen	yes	no
	2- fresh, 3-fair (organs intact), 4-poor, 5- mummified 3		
Photographs	✓		
Radiographs			

Clinical signs/diagnosis	FDOB
Antibiotics given	na
Pertinent lab results	na

GROSS NECROPSY ABNORMALITIES:

Old, coastal, thin male with majority of teeth missing or worn down / broken. Stomachs were empty. Both lungs contained a moderate load of lung worm, both active and absorbing.

No evidence of human interaction. Some healed scarring and well-healed tooth rakes across both body walls. Light load of Xenobalanus on fluke blades. Overall body condition was thin, outline of ribs were visible. Semi-spinalis muscle soft, tacky, and pale (similar to neonatal muscle); cervical rete vasculature in region appears collapsed (reduced circulation?). Small amount of interventricular fat and interrenicular fat of heart and kidneys, respectively.

Lungs: L lung pale pink on pleural surface. Taut and lumpy to the touch. Upon cut, parenchyma tissue was mottled dark red to pale pink throughout. Multiple nodules ranging in size from 5x5mm to 2x2mm and filled with yellow-green, thick puss - old lung worm walled off. Light load of live nematodes throughout airways. Mucosa lining of trachea, bronchi, and bronchioles NVL. Floats in formalin. R lung similar to L lung.

Pyloric Stomach: Approximately 40mL of liquid green contents. No ulcers present. Moderate load of Phyoeter present. Mucosal lining NVL.

L Pre-scapular LN enlarged, discolored with brown streaks throughout cut surface.

L pulmonary marginal LN enlarged. On cut surface, at mid-nodule there was a multi-focal to coalescing, dark red to black region, approximately 8x8mm in size.

R pulmonary LN active, severe congestion / hemorrhage throughout (samples for histo not in cassettes).

Mature male. L & R testes flaccid. Epididymis vessels were hardened and thickened. Upon cut of testes, clear seminal fluid poured out. Penis NVL.

Head: Overall NVL. Tooth count: 19 (upper L), 13 (upper R), 5 (lower L), 3 (lower R) - majority of teeth either worn down/broken or missing altogether.

Bony tentorium was heavily ossified separating all three regions of the brain: L & R cerebrums and cerebellum. Upon removal of brain, multiple white plaques within brain case, approximately 1x2cm in size.

HYDROCARBON ANALYSIS SAMPLES	MICROBIOLOGY	SWABS: other
bile <input checked="" type="checkbox"/> kidney <input checked="" type="checkbox"/> blubber/fat <input checked="" type="checkbox"/>	Lung <input checked="" type="checkbox"/> R	epithelial swab, lung LN swab
blood <input checked="" type="checkbox"/> muscle <input checked="" type="checkbox"/> other: <input checked="" type="checkbox"/>	Liver <input type="checkbox"/> G	lung worms, x1, skin for penetration, urine, stomach contents
urine <input checked="" type="checkbox"/> lung <input checked="" type="checkbox"/>	other <input checked="" type="checkbox"/> pre-scap LN	L eye aqueous humor, thoracic fluid, abdominal 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 type="checkbox"/> tonsil <input type="checkbox"/> colon <input checked="" type="checkbox"/> ureter <input 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 type="checkbox"/> pancreas <input checked="" type="checkbox"/> urinary bladder <input checked="" type="checkbox"/> skin <input checked="" type="checkbox"/> prostate <input checked="" type="checkbox"/>	inguinal <input type="checkbox"/> mediastinal <input checked="" type="checkbox"/>
aorta <input checked="" type="checkbox"/> esophagus <input checked="" type="checkbox"/> spleen <input checked="" type="checkbox"/> urethra <input type="checkbox"/> eye (L/R) R	axillary <input type="checkbox"/> submandibular <input 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: <input type="checkbox"/>	mesenteric <input checked="" type="checkbox"/> tracheobronchial <input checked="" type="checkbox"/>
thymus <input type="checkbox"/> duodenum <input checked="" type="checkbox"/> gall bladder <input type="checkbox"/> bone marrow <input type="checkbox"/>	
salivary gland <input type="checkbox"/> jejunum <input checked="" type="checkbox"/> brain <input checked="" type="checkbox"/> spinal cord <input checked="" type="checkbox"/> whole repro <input type="checkbox"/>	
other: pre-scapular LN	

Cause of death (preliminary diagnosis):	Indeterminate. Pending histopath results. Probable eye related.	
Examiner:	Cara Field, DVM	Examiner's signature: <i>Cara Field, DVM</i> Date: 8/4/2010