

SERIO-0364

11/9/10 JW/DMA

6

Oiled Marine Mammal Gross Necropsy Report

Form completed by:	Field & Piscitelli	Date:	6/10/2010
Enforcement Officer:			
Strand/Capture location:	Grand Isle, LA		
Collectors Name:	Mandy Tuman		
Intake date:	6/6/2010	Euthanasia:	
Death date:		Time:	
Post mortem date:	6/10/2010	Time:	11:32
Carcass Classification:	Frozen <input type="radio"/> yes <input checked="" type="radio"/> no		
	2- fresh, 3-fair (organs intact), 4-poor, 5-mummified <input type="checkbox"/> 4		
Photographs:	<input checked="" type="checkbox"/>		
Radiographs:	<input type="checkbox"/>		

Spill Name:	BP Deepwater Horizon		
Animal Log #:	MCT-20100606-LA002		
Level A Field #:	MCT-20100606-LA002	Tag #:	LA102
Species:	Tursiops truncatus		
Sex:	Female	Age:	neonate
Weight:	NE	kg	<input type="radio"/> estimate/actual <input type="radio"/>
SON:	emaciated 1 2 3 4 5 6 7 obese <input type="checkbox"/> 4		
Measurements:	Blubber depth 8.0 mm		
SL:	151 cm	AG:	NE cm
UG:	NE cm	XG:	NE cm
Clinical signs/diagnosis:			
Antibiotics given:	NA		
Pertinent lab results:			

GROSS NECROPSY ABNORMALITIES:

Teeth count: UR=20 / 10 of which erupted; LR = 18; UL = 21 / 9 of which erupted; LL = 18; no teeth on either L or R mandibles erupted. No evidence of oil in or around the blowhole. Epidermis sloughing off, bloated, intestines protruding from umbilicus. Blubber thickness at mid-thorax (mm): 8 dorsal, 8 lateral, 12 ventral. Medium length tongue papillae present. Approx. 10mL of serosanguinous fluid present in pericardial cavity. Approximately 20mL of serosanguinous fluid in R pleural cavity and ~30mL (collected) in L pleural cavity. Both R and L ventricles contained blood clots. Both lungs were inflated and spongy with a texture that appears and feels "normal". Upon cut, R lung had a moderate load of dead nematodes (collected in ETOH) throughout the parenchyma tissue, especially along the dorsal aspect. L lung was congested with lung worm present throughout dorsal parenchyma tissue. Thymus was extensive and large. Goosebeak NVL. Esophagus NVL. Esophageal epithelium was sloughing off. Larynx contained a few mLs of serosanguinous fluid. Moderate load of lung worm was present in R primary bronchus. Heart: Both L & R ventricle & atria contained blood clots, valves and myocardium NVL. Aorta and pulmonary artery NVL. Spleen NVL, soft and friable. Liver and kidneys NVL. L glenohumeral joint NVL. Urinary bladder empty. Stomach NVL, empty, epithelium sloughing. Small Intestine contained a scant amount of yellow fluid. Colon empty. Subcutaneous tissue of nuchal dent region appeared hemorrhagic ("grape-jelly" tissue) - sampled for histo.

HYDROCARBON ANALYSIS SAMPLES

bile	<input type="checkbox"/>	kidney	<input checked="" type="checkbox"/>	blubber/fat	<input checked="" type="checkbox"/>
blood	<input type="checkbox"/>	muscle	<input checked="" type="checkbox"/>	other:	<input type="checkbox"/>
urine	<input type="checkbox"/>	lung	<input checked="" type="checkbox"/>		
liver	<input checked="" type="checkbox"/>	intestine	<input checked="" type="checkbox"/>		

MICROBIOLOGY

Lung	<input type="checkbox"/>
Liver	<input type="checkbox"/>
other	<input type="checkbox"/>

SWABS: other

<input type="checkbox"/>	teeth collected, feces in glass tube
<input type="checkbox"/>	pleural fluid swab, R lung w/oon ETOH
<input type="checkbox"/>	green for membranes, pleural fluid in glass tube

HISTOLOGY SAMPLES

lung	<input checked="" type="checkbox"/>	thyroid	<input type="checkbox"/>	ileum	<input type="checkbox"/>	kidney	<input checked="" type="checkbox"/>	mammary gland	<input type="checkbox"/>	muscle	<input checked="" type="checkbox"/>
trachea	<input type="checkbox"/>	tonsil	<input type="checkbox"/>	colon	<input checked="" type="checkbox"/>	ureter	<input checked="" type="checkbox"/>	adrenal	<input checked="" type="checkbox"/>	gonad	<input checked="" 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 type="checkbox"/>	prostate	<input type="checkbox"/>
aorta	<input checked="" type="checkbox"/>	esophagus	<input checked="" type="checkbox"/>	spleen	<input checked="" type="checkbox"/>	urethra	<input type="checkbox"/>	eyes (L/R)	<input type="checkbox"/>	uterus	<input checked="" type="checkbox"/>
pulmonary artery	<input checked="" type="checkbox"/>	stomach	<input checked="" type="checkbox"/>	liver	<input checked="" type="checkbox"/>	blubber	<input type="checkbox"/>	fat site:	<input type="checkbox"/>	vagina	<input type="checkbox"/>
thymus	<input checked="" type="checkbox"/>	duodenum	<input type="checkbox"/>	gall bladder	<input type="checkbox"/>	bone marrow	<input checked="" type="checkbox"/>			cervix	<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"/>	penis	<input type="checkbox"/>

LYMPH NODES:

colonic	<input type="checkbox"/>	gastric	<input type="checkbox"/>
sublumbar	<input type="checkbox"/>	hepatic	<input type="checkbox"/>
inguinal	<input type="checkbox"/>	mediastinal	<input type="checkbox"/>
axillary	<input type="checkbox"/>	submandibular	<input type="checkbox"/>
mesenteric	<input checked="" type="checkbox"/>	tracheobronchial	<input checked="" type="checkbox"/>

Cause of death (preliminary diagnosis): Probable Respiratory Disease

Examiner: Cara Field, DVM

Examiner's signature: *Cara Field* Date: 6/10/2010