

Oiled Marine Mammal

Gross Necropsy Report

Form completed by	Dr Connie Chevis	Date	08/05/2010
Enforcement Officer			
Strand/Capture location	1.5 miles from Pass Christian harbor, MS		
Collectors Name	Karen Underkoffler		
Intake date	8/5/2010	Euthanasia	
Death date:		Time	yes
Post mortem date	08/05/2010	Time	no
Carcass Classification:	Frozen	yes	no
	2- fresh, 3- fair (organs intact), 4- poor, 5- mummified 2		
Photographs:	<input checked="" type="checkbox"/>		
Radiographs:	<input type="checkbox"/>		

Spill Name	BP Deepwater Horizon		
Animal Log #	D-0027		
Level A Field #	76IMMSC80510	Tag #	
Species	Tursiops truncatus		
Sex:	Unknown	Age:	Neonate
Weight:	31	kg	<input type="radio"/> estimate/actual <input type="radio"/>
SON:	emaciated 1 2 3 4 5 6 7 obese 4-5		
Measurements:	Blubber depth 2.3 mm		
SL	141	cm	AC <input type="checkbox"/> cm UG <input type="checkbox"/> cm XG <input type="checkbox"/> cm
Clinical signs/diagnosis			
Antibiotics given			
Pertinent lab results			

GROSS NECROPSY ABNORMALITIES:

Collector found dolphin in oiled waters.
 On necropsy, no visible evidence of oil but did have some white dried flaky material on some areas of body.
 Fresh conspecific rake marks on flippers and flukes.
 Blood coming from mouth and blowhole.
 Dark color to submucosa on ventral abdomen.
 Large laceration of right lung with multiple broken ribs on right side. Both lungs had generalized irregular sized granuloma. Left lung had 2 cm granuloma with yellowish green caseous material. Ecchymotic hemorrhage on both lung surfaces. Left cranial lung lobe had 2 greenish red circular lesions- 4 cm X 2 cm, 3 cm X 2 cm. Smaller lesion had two puncture lesions healing. Right lung had mild amount of small linear white parasites. One granuloma contained several parasites.
 Subdural hemorrhage on brain case. Bruising to caudal aspect of cerebrum.
 Tracheal and bronchial mucosa dark red; hemorrhagic.
 Bruising of peritoneal tissues between diaphragm and liver on ventral midline.
 Mucopurulent discharge from left eye.
 Suprascapular ln hemorrhagic and edematous.
 Petechial hemorrhage in blubber.
 Blood tinged liquid with white flecks in esophagus.
 Forestomach had approximately 25 mls of reddish brown fluid. No ulcers or parasites. Pyloric stomach had large amount of brownish tan liquid.

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"/>			Mucopurulent material from left eye		
blood <input checked="" type="checkbox"/>	muscle <input checked="" type="checkbox"/>	other: <input type="checkbox"/>	Liver <input type="checkbox"/>					
urine <input checked="" type="checkbox"/>	lung <input checked="" type="checkbox"/>		other <input checked="" type="checkbox"/>	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 type="checkbox"/>	
trachea <input checked="" 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"/>	sublingual <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"/>	stom <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 type="checkbox"/>	eye (L/R) <input type="checkbox"/>	uterus <input checked="" type="checkbox"/>	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"/>	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 type="checkbox"/>	jejunum <input type="checkbox"/>	brain <input checked="" type="checkbox"/>	spinal cord <input checked="" type="checkbox"/>	whole repro <input type="checkbox"/>	penis <input type="checkbox"/>			
other: ln-suprascapular, pulmonary								

Cause of death (preliminary diagnosis)	Trauma- rupture of right lung, granulomatous pneumonia, hemorrhagic syndrome		
Examiner	Dr. Connie Chevis	Examiner's signature:	<i>[Signature]</i>
		Date	8/5/2010