

Appendix 9. Oiled Marine Mammal Necropsy Form

Oiled Marine Mammal

Gross Necropsy Report

Form completed by: <u>Cara Field</u>	Date: <u>2/28/11</u>
Enforcement Officer:	
Strand/Capture location:	
Collectors Name: <u>Mandy Tumlin</u>	
Intake date:	Euthanasia
Death date: <u>~2/27/11</u> Time: ?	<input type="checkbox"/> yes
Post mortem date: <u>2/28/11</u> Time:	<input type="checkbox"/> no
Carcass Classification: Frozen: <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	
<u>2-fresh</u> 3-fair (organs intact) 4-poor 5-mummified	
Photographs: <input checked="" type="checkbox"/>	
Radiographs: <input type="checkbox"/>	

Spill Name: <u>BP Deepwater Horizon</u>	
Animal Log # <u>LA455/MCT 20110228-LA001</u>	
Level A Field #	Tag # <u>LA-455</u>
Species: <u>Tursiops truncatus</u>	
Sex: <u>M</u>	Age: <u>approx 3-4 yrs</u>
Weight: <u>120 kg</u> kg (estimate/actual)	
SON: emaciated 1 2 3 4 <u>(5)</u> 6 7 obese	
Measurements:	
SL <u>6⁸</u> cm	AG <u>3³</u> cm
UG cm	XG cm

Clinical signs/diagnosis	
Antibiotics given	
Pertinent lab results	

GROSS NECROPSY ABNORMALITIES: Blubber depths
 dorsal: 1.7 cm vlat: 1.4 cm ventral: 1.8 cm
 External: leeches
 Leeches removed prior to necropsy by LWLF → 1 on dorsal fin, 5 on flukes; 4 on flukes in alcohol, rest frozen (2/2).

Flukes: both tips blunted. Did not see oil. Leeches on fluke still alive/moving.
 Mouth: all teeth present; no lesions. Blowhole: N&F
 Blood- not clotted
 Lungs: mild to moderate lungworm infestation w/ multifocal granuloma (5-10 mm diameter) multiple worms collected. Remaining parenchyma WNL

Lymph nodes: seems to have generalized moderate lymphadenopathy, w/ enlargement of cervical, TB, mesenteric, colonic + inguinal LN; cut sm ok.

Stomach: Few otoliths, no food. Small # green mucoid material 3rd stomach, w/ encysted parasites.
 Intestines: sm # green digesta; No feces.
 Testes small - approx 10 cm length.
 Muscle/blubber: 4x3 cm irregular tan granuloma mid-peduncle @ side between blubber + muscle; approx 7 mm deep w/ sm # caseous material. Histo and froze piece

Remaining tissues WNL: trachea, esoph, heart, kidneys, adrenals, repro, muscle, eyes, brain, spleen, liver, pancreas.

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

MICROBIOLOGY
Lung <input type="checkbox"/>
Liver <input type="checkbox"/>
other <input checked="" type="checkbox"/> granulomatous lesion @ mid-peduncle

SWABS: other
lungworms → alcohol
leeches → alcohol + frozen

HISTOLOGY SAMPLES						
<input checked="" type="checkbox"/> lung	thyroid	ileum	<input checked="" type="checkbox"/> kidney	mammary gland	<input checked="" type="checkbox"/> muscle	
<input checked="" type="checkbox"/> trachea	tonsil	<input checked="" type="checkbox"/> colon	<input checked="" type="checkbox"/> ureter	adrenal (both)	<input checked="" type="checkbox"/> gonad	
<input checked="" type="checkbox"/> heart	tongue	<input checked="" type="checkbox"/> pancreas	<input checked="" type="checkbox"/> urinary bladder	skin	prostate	
<input checked="" type="checkbox"/> aorta	<input checked="" type="checkbox"/> esophagus	<input checked="" type="checkbox"/> spleen	<input checked="" type="checkbox"/> urethra	eye (UR)	uterus	
<input checked="" type="checkbox"/> pulmonary artery	<input checked="" type="checkbox"/> stomach	<input checked="" type="checkbox"/> liver	<input checked="" type="checkbox"/> blubber	fat-site	vagina	
<input checked="" type="checkbox"/> thymus	<input checked="" type="checkbox"/> duodenum	gall bladder	<input checked="" type="checkbox"/> bone marrow	<u>dot sm</u>	cervix	
salivary gland	<input checked="" type="checkbox"/> jejunum	<input checked="" type="checkbox"/> brain	<input checked="" type="checkbox"/> spinal cord	whole repro	<input checked="" type="checkbox"/> penis	
other:						

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

Cause of death (preliminary diagnosis): <u>unl-noun</u>
Examiner: <u>Cara Field, DVM, PhD</u> Examiner's signature: <u>Cara Field</u> Date: <u>2/28/11</u>