

Oiled Marine Mammal

Gross Necropsy Report

Spill Name:	BP Deepwater Horizon Oil Spill Incident		
Animal Log #:	BP-2010-LA28		
Level A Field #:	MCT-20100524-LA001	Tag #:	BP-2010-LA28
Species:	Tursiops truncatus		
Sex:	Female	Age:	Sub-adult
Weight:	50	kg	<input type="radio"/> estimate/actual <input type="radio"/>
SON:	emaciated 1 2 3 4 5 6 7 obese 4		
Measurements:	Blubber depth 15 mm		
SL	165 cm	AC	ne cm
UG	ne cm	XG	ne cm

Form completed by:	Dave Rotstein	Date:	5/25/2010
Enforcement Officer:			
Strand/Capture location:	Grand Isle, NC		
Collectors Name:	Mandy Tumlin		
Intake date:	24-May-210	Euthanasia:	
Death date:		Time:	
Post mortem date:	5/25/2010	Time:	14:30
Carcass Classification:	Frozen <input type="radio"/> yes <input checked="" type="radio"/> no		
	2- fresh, 3-fair (organs intact), 4-poor, 5- mummified 4		
Photographs:	<input checked="" type="checkbox"/>		
Radiographs:	<input type="checkbox"/>		

Clinical signs/diagnosis:	found dead on beach
Antibiotics given:	NA
Pertinent lab results:	NA

GROSS NECROPSY ABNORMALITIES:

Only partial carcass was measured. Missing flukes, nuchal crest region, entire neck region, dorsal head and thorax. Extensive post-mortem predation of pectoral fins, tailstock, ventrum (anus-genitals), flukes and dorsal fin. Extensive post-mortem sloughing of epithelium. No gastric or intestinal content. Post-mortem fracture of R ear. Blubber depth (mm): 15 dorsal, 9 lateral, 10 ventral.

Other samples collected:
 Hydrocarbon Analysis: stomach contents
 Genetics: skin frozen
 L mandible with teeth
 Morbillivirus: spleen

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

HISTOLOGY SAMPLES						LYMPH NODES:	
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"/>	colonic <input type="checkbox"/>	gastric <input type="checkbox"/>
trachea <input type="checkbox"/>	tonsil <input type="checkbox"/>	colon <input type="checkbox"/>	ureter <input type="checkbox"/>	adrenal <input 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 type="checkbox"/>	inguinal <input type="checkbox"/>	mediastinal <input type="checkbox"/>
aorta <input checked="" type="checkbox"/>	esophagus <input 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 type="checkbox"/>	stomach <input checked="" type="checkbox"/>	liver <input checked="" type="checkbox"/>	blubber <input checked="" type="checkbox"/>	fat-site: <input checked="" type="checkbox"/>	vagina <input type="checkbox"/>	mesenteric <input type="checkbox"/>	tracheobronchial <input type="checkbox"/>
thymus <input type="checkbox"/>	duodenum <input type="checkbox"/>	gall bladder <input type="checkbox"/>	bone marrow <input type="checkbox"/>		cervix <input type="checkbox"/>		
salivary gland <input type="checkbox"/>	jejunum <input checked="" type="checkbox"/>	brain <input type="checkbox"/>	spinal cord <input type="checkbox"/>	whole repro <input checked="" type="checkbox"/>	penis <input type="checkbox"/>		
other: pulmonary LN							

Cause of death (preliminary diagnosis):	Undetermined (open)		
Examiner:	Dave Rotstein	Examiner's signature:	
		Date:	5/25/2010

Appendix 9. Oiled Marine Mammal Necropsy Form

Oiled Marine Mammal

Gross Necropsy Report

Form completed by: <u>D. Rotstein</u>	Date: <u>5/25/10</u>
Enforcement Officer:	
Strand/Capture location: <u>Grand Isle Beach (29° 21' 26" N, 122° 21' 16" W)</u>	
Collectors Name: <u>Mandy Tumbh, Schuler, Danks</u>	
Intake date: <u>5/24/10 Dead</u>	Euthanasia
Death date:	Time: <input type="checkbox"/> yes
Post mortem date: <u>5/25/10</u>	Time: <u>1430</u> <input checked="" type="checkbox"/> no
Carcass Classification: Frozen <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	
2- fresh, 3- fair (organs intact) <u>4-poor</u> , 5- mummified	
Photographs: <input checked="" type="checkbox"/>	
Radiographs: <input type="checkbox"/> NO	

Spill Name: <u>BP Deepwater Horizon Spill Incident</u>	
Animal Log # <u>BP 2010-2A28</u>	
Level A Field # <u>M012010-521-VA-201</u>	Tag # <u>RF</u>
Species: <u>Tursiops truncatus</u>	
Sex: <u>F, immature</u>	Age Class: <u>(SA)</u>
Weight: <u>~50</u> kg (estimate/actual)	
SON: emaciated 1 2 3 <u>4</u> 5 6 7 obese	
Measurements: Blubber depth <u>5.0</u> mm	
SL <u>16.5</u> cm	AG <u>NO</u> cm
UG <u>NO</u> cm	XG <u>NO</u> cm

Clinical signs/diagnosis	<u>Found dead</u>
Antibiotics given	<u>No, applicable</u>
Pertinent lab results	<u>No, applicable</u>

GROSS NECROPSY ABNORMALITIES:

① Only partial carcass measured

② Extensive post-mortem prolapse of pectoral fins, tail stock, ventral (anterior) flukes (observed), fluke notch, dorsal fin.

③ Extensive post-mortem sloughing of epidermis.

④ No gastric or intestinal contents.

⑤ Post-mortem fracture of right ear.

⑥ Blubber Depth: Dorsal 1.5 cm
Lateral 0.9 cm
Ventral 1.0 cm

HYDROCARBON ANALYSIS SAMPLES	MICROBIOLOGY	SWABS: other
bile <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> blood <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> urine <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> liver <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> kidney <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> muscle <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> lung <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> intestine <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	blubber/fat <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> other: <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> stomach <input checked="" type="checkbox"/> loop contents <input checked="" type="checkbox"/>	Lung <input type="checkbox"/> Liver <input type="checkbox"/> <u>NO</u> other <input type="checkbox"/>

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

Cause of death (preliminary diagnosis): <u>Undetermined (9/10)</u>
Examiner: <u>5/25/10</u> Examiner's signature: _____ Date: _____