

**Appendix 9. Oiled Marine Mammal Necropsy Form**

**Oiled Marine Mammal**

**Gross Necropsy Report**

<b>Spill Name:</b>	
<b>Animal Log #</b> SDD 20110219-LA01	
<b>Level A Field #</b>	<b>Tag #</b> LA-454
<b>Species:</b> Tursiops truncatus	
<b>Sex:</b> M	<b>Age:</b> neonate
<b>Weight:</b> 18-20 kg kg (estimate/actual)	
<b>SON:</b> emaciated 1 2 3 4 5 6 7 obese <i>(Airsac)</i>	
<b>Measurements:</b>	
SL 3'6" cm	AG cm
UG cm	XG cm
Blubber depth <i>11</i> mm	

Form completed by: <i>Cara Field</i> Date: 2/19/11	
Enforcement Officer:	
Strand/Capture location: <i>Grand Terre, LA</i>	
Collectors Name: <i>Suzy Delaune, LDWT</i>	
Intake date: 2-19-11	Euthanasia
Death date: ? approx 2/15/11 +/- Time:	<input type="checkbox"/> yes
Post mortem date: 2-19-11 Time: 6 pm	<input checked="" type="checkbox"/> no
<b>Carcass Classification:</b> Frozen: <input type="checkbox"/> yes <input type="checkbox"/> no	
2- fresh (3-fair (organs intact), 4-poor, 5- mummified)	
Photographs: <input checked="" type="checkbox"/>	
Radiographs: <input type="checkbox"/>	

Clinical signs/diagnosis
Antibiotics given
Pertinent lab results

**GROSS NECROPSY ABNORMALITIES:** 3 feet 6 inches long

**External:** Approx 40-50% of skin covered in oil + sand; sand/oil in mouth and sand impaling external blowhole + air sac.

**Umbilicus:** no cord; approx 5 mm deep opening @ umbilicus, but NOT open to abdomen.

**Skin:** small pieces falling off around eyes.

**Rostrum:** Hairs present bilaterally (5-7 each side);

**Oral:** ~~Teeth~~ not yet erupted.

**M/S:** slightly thin but ok for neonate

**Lungs:** Inflated (float in formalin, + visibly noted). Patchy congestion (bilateral) w/ small # red-tinged fluid.

**Internal:** In general, moderate autolysis, particularly liver + kidneys.

**Stomach:** zip-tied each end + saved whole (→ FROZEN)

**Urachus:** present - unknown if patent (autolyzed); bladder empty.

**Colon:** Moderate # dark brown/black feces

**Brain:** Vessels on surface of @ side seem slightly enlarged vs. left; otherwise murky.

Remaining tissues generally appear normal, but autolysis makes hard to determine.

HYDROCARBON ANALYSIS SAMPLES	MICROBIOLOGY	SWABS: other
bile <input type="checkbox"/> blood <input type="checkbox"/> urine <input type="checkbox"/> liver <input type="checkbox"/> kidney <input checked="" type="checkbox"/> muscle <input checked="" type="checkbox"/> lung <input checked="" type="checkbox"/> intestine <input checked="" type="checkbox"/> blubber/fat <input checked="" type="checkbox"/> other: <i>Feces → 1 chem-frozen</i>	Lung <input type="checkbox"/> Liver <input type="checkbox"/> other <input type="checkbox"/>	

HISTOLOGY SAMPLES	LYMPH NODES:
lung <input checked="" type="checkbox"/> trachea <input checked="" type="checkbox"/> heart <input checked="" type="checkbox"/> aorta <input checked="" type="checkbox"/> pulmonary artery <input checked="" type="checkbox"/> thyroid <input checked="" type="checkbox"/> salivary gland <input checked="" type="checkbox"/> other: <input type="checkbox"/> (thyroid) <input checked="" type="checkbox"/> tonsil <input checked="" type="checkbox"/> tongue <input checked="" type="checkbox"/> esophagus <input checked="" type="checkbox"/> stomach <input checked="" type="checkbox"/> duodenum <input checked="" type="checkbox"/> jejunum <input checked="" type="checkbox"/> mouth <input checked="" type="checkbox"/> colon <input checked="" type="checkbox"/> pancreas <input checked="" type="checkbox"/> spleen <input checked="" type="checkbox"/> liver <input checked="" type="checkbox"/> gall bladder <input checked="" type="checkbox"/> brain <input checked="" type="checkbox"/> kidney <input checked="" type="checkbox"/> ureter <input checked="" type="checkbox"/> urinary bladder <input checked="" type="checkbox"/> uretra <input checked="" type="checkbox"/> blubber <input checked="" type="checkbox"/> bone marrow <input checked="" type="checkbox"/> spinal cord <input checked="" type="checkbox"/> mammary gland <input checked="" type="checkbox"/> adrenal <input checked="" type="checkbox"/> skin <input checked="" type="checkbox"/> eye (R) <input checked="" type="checkbox"/> fat-site: down <input checked="" type="checkbox"/> whole repro <input checked="" type="checkbox"/> muscle <input checked="" type="checkbox"/> gonad <input checked="" type="checkbox"/> prostate <input checked="" type="checkbox"/> uterus <input checked="" type="checkbox"/> vagina <input checked="" type="checkbox"/> cervix <input checked="" type="checkbox"/> penis <input checked="" type="checkbox"/> colonic <input checked="" type="checkbox"/> sublumbar <input checked="" type="checkbox"/> inguinal <input checked="" type="checkbox"/> axillary <input checked="" type="checkbox"/> mesenteric <input checked="" type="checkbox"/> gastric <input checked="" type="checkbox"/> hepatic <input checked="" type="checkbox"/> mediastinal <input checked="" type="checkbox"/> submandibular <input checked="" type="checkbox"/> tracheobronchial <input checked="" type="checkbox"/>	

<b>Cause of death (preliminary diagnosis):</b> <i>open</i>
Examiner: <i>Cara Field</i> Examiner's signature: <i>C. Field</i> Date: 2-19-11