



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS
P. O. BOX 60267
NEW ORLEANS, LOUISIANA 70160-0267

April 24, 2008

Operations Division
Technical Support Branch

Dr. Roy Crabtree
Regional Director
National Marine Fisheries Service
Southeast Regional Office
263 13th Avenue
South St. Petersburg, Florida 33701

Dear Dr. Crabtree:

The U.S. Army Corps of Engineers, New Orleans District, is forwarding the Endangered Species Report for hopper dredge channel maintenance of the Calcasieu River, Louisiana, bar channel conducted during Fiscal Year (FY) 2008. This will fulfill requirements of the Incidental Take Statement " for sea turtle takes resulting from Hopper Dredging activities" dated November 19, 2003, and revised on January 9, 2007. Under contract W912P8-05-D-0005, the hopper dredges ATCHAFALAYA and COLUMBIA performed maintenance dredging between November 17, 2007, and March 24, 2008.

This report is intended to assist your office in the continued review of hopper dredge activities in the New Orleans District, to complement FY 1995-2007 reports previously transmitted to your office, and to fulfill the reporting requirement for the New Orleans District's dredging in the Calcasieu bar channel. If you have questions regarding this report, please contact me at (504) 862-2521.

Sincerely,

A handwritten signature in black ink, appearing to read "Edward D. Creef".

Edward D. Creef
Acting Chief, Environmental Function

Enclosure

Project Report
ENDANGERED SPECIES MONITORING
Calcasieu River
Bar Channel
Maintenance Dredging
08-1-Calc

Operations Technical Support Branch
US Army Corps of Engineers
New Orleans District
504-862-2521

INTRODUCTION

This report is submitted in fulfillment of requirements of the Endangered Species Act (ESA) and the Section 7 Consultation - Biological Opinion concerning Dredging of Gulf of Mexico Navigation' Channels and Sand Mining ("Borrow") Areas Using Hopper Dredges by U.S. Army Corps of Engineers Galveston, New Orleans, Mobile, and Jacksonville Districts (Consultation Number F/SER/2000/01287) dated November 19, 2003, and revised on January 9, 2007. The U.S. Army Corps of Engineers, New Orleans District (MVN) submits this report, in compliance with reasonable and prudent measure No. 9 – Reporting, summarizing the results of Fiscal Year (FY) 2008 maintenance dredging of the Calcasieu River, Louisiana, bar channel by hopper dredges.

Working under contract W912P8-05-D-0005, Sunset Marine, LLC and B+B Dredging Company (Joint Venture) performed maintenance dredging in the Calcasieu River bar channel Mile –1.8 to Mile –7.0 reach from November 17, 2007, through March 24, 2008 (Figure 1).

DREDGING

On November 17, 2007, the hopper dredge ATCHAFALAYA began work in the Mile -1.8 to Mile -7.0 bar channel reach. The required depth of dredging was –44 feet Mean Low Gulf (MLG) and the dredging width was 800 feet (full cut). All work was performed in either the agitation mode, or in the dredge and haul mode with disposal into the ocean dredged material disposal site (ODMDS). On December 15, 2007, the ATCHAFALAYA ceased dredging operations to undergo a Coast Guard inspection. As a result of this inspection, the dredge was sent to a drydock to correct deficiencies. The ATCHAFALAYA did not return to the Calcasieu River bar channel.

During this period, the dredge worked a total of 29 days between bar channel Mile -1.8 and Mile -7.0. A total of 51 loads of dredged material were collected. The ATCHAFALAYA excavated a total of 1,830,497 CY of material from this project (1,784,962 cubic yards by the agitation method and 45,535 cubic yards by the dredge and haul method).

On January 18, 2008, the hopper dredge COLUMBIA replaced the ATCHAFALAYA and completed dredging on March 24, 2008. During this period, the dredge worked a total of 66 days between bar channel Mile –1.8 and Mile –7.0. A total of 119 loads of dredged material were collected. The COLUMBIA excavated a total of 4,785,743 CY of material from this project (4,466,524 cubic yards by the agitation method and 319,219 cubic yards by the dredge and haul method).

A total of 170 loads of dredged material were collected and a total of 6,616,240 cubic yards (6,251,486 cubic yards by agitation and 364,754 cubic yards by dredge-and-haul) of material were removed by both hopper dredges during this work.

TURTLE MONITORING PROGRAM

A result of the ESA consultation process was the requirement to document turtle takes by hopper dredges. In order to accomplish this task, before hopper dredging operations commenced, they were equipped such that all inflows and/or overflows would be screened. The configuration and location of the screens depends upon the construction of the dredge. The starting mesh size of this screening is 4-inches by 4-inches. Additionally, around-the-clock monitoring by National Marine Fisheries Service-approved protected species observers was conducted to identify any turtles or turtle parts that were caught on these screens. Draghead deflectors were also deployed to deflect any turtles that may happen to be in, or near, the path of the draghead during excavation. The design of the deflectors is such that a sediment riffle is created ahead of the draghead, cushioning any contact with turtles thereby minimizing injuries.

The NMFS-approved protected species observers (Terrance Todd, Kenneth Coonrod, Bonnie Gauthier, Erica Sissoo, and Tu Tran) were employed by Coastwise Consulting, Inc., under subcontract to Sunset Marine, LLC and B+B Dredging Company for this work. From November 17 to December 12, 2007, two observers were on board the ATCHAFALAYA. Because of the sparseness of materials being impinged on the screens, it was agreed that a single observer would be sufficient to monitor the screens until such time as the amount of material being impinged increased to a level unmanageable by a single observer. From December 13, 2007, to December 16, 2007, a single observer was on board the ATCHAFALAYA. From January 18, 2008, to February 4, 2008, a single observer was on board the COLUMBIA. From February 5, 2008, to February 15, 2008, two observers were on board the COLUMBIA. From February 16, 2008, to March 24, 2008, a single observer was on board the COLUMBIA.

The NMFS-approved protected species observers inspected and cleaned all inflow and overflow screening at the end of each load. Dragheads and deflectors were also inspected immediately after each load, and dredge personnel were informed if repairs were necessary. Data sheets were completed daily, detailing all biological samples and debris found in the screening and dragheads. The NMFS-approved protected species observers also recorded the start, end, and discharge times for each load, the specific location of the dredging area, the type of material being dredged, weather, tide and water temperature data, the condition of the screening, and any other pertinent information.

In 2003, and previous years, the National Marine Fisheries Service determined that listed whales are unlikely to be adversely affected by hopper dredging in the Gulf of Mexico. As a result, endangered species monitors for whales, bridge observers, were not required for this contract. A bridge watch for sea turtles and marine mammals was maintained during all daylight hours, except when the NMFS-approved protected species observers were off the bridge, cleaning and inspecting the screens and dragheads. All sightings of sea turtles and cetaceans were recorded in a bridge watch logbook.

Throughout the maintenance event, dredging operations were conducted following the items listed in reasonable and prudent measures 4 through 8. This included advising the Contractor of

the potential presence of sea turtles in the navigation channel and reporting and operating requirements.

DEFLECTOR & SCREEN CONFIGURATIONS

Sea turtle monitoring activities were conducted aboard the ATCHAFALAYA and COLUMBIA during this Calcasieu bar channel maintenance work. The vessels were required to have rigid draghead deflectors and 100% inflow screening or overflow screening with openings starting at 4" x 4." Both hopper dredges used only inflow screening for this job. An inspection for appropriate sea turtle protection measures (including the "paint test" for the draghead deflector) was performed by MVN project inspector Mayo Broussard on November 17, 2007, for the ATCHAFALAYA, and on January 18-19, 2008, for the COLUMBIA (Attachment 1). Both hopper dredges were found to be in compliance with all required sea turtle protection measures.

The ATCHAFALAYA employed a single draghead throughout its work. No major problems with deflector operating conditions were experienced. Screening used in this work was maintained at 100 percent effectiveness.

The COLUMBIA employed a single draghead throughout its work. No major problems with deflector operating conditions were experienced. On March 1, 2008, the COLUMBIA's draghead struck an unknown hard object which resulted in damage to the deflector's stabilizer and chains. Dredging was halted until repairs were made to the deflector. Screening used in this work was maintained at 100 percent effectiveness.

During this maintenance event there were no documented incidental sea turtle takes or sightings. Throughout the dredging work, both biological and non-biological debris were recovered from the screens. Biological material included wood, grass, crabs (blue, spider, mole, and arrow), fish (redfish, black drum, red drum, croaker, gulf kingfish, hard head catfish, channel catfish, flounders, and ribbon fish), snake eels, bivalves, gastropods, shrimp, polychaetes, barnacles, jellyfish, tubeworms, and bones. An impressive array of non-biological debris consisted of trash, nets, wire, rope, plastic, cloth, line, rocks, rubber, tires, fiberglass, vinyl siding, glass, crab traps, boots, chain, Styrofoam, hard hats, oil filters, metal, and a lawn ornament. Copies of the Endangered Species Observer Program Daily Reports are provided as Attachment 2.

Below mid-depth water temperatures were not measured. Surface water temperatures ranged from a low of 54.9° F (12.7°C) to a high of 70° F (21.1°C).

SEA TURTLE RELOCATION TRAWLING

Sea turtle relocation trawling was not performed for this maintenance work from in the Calcasieu River bar channel.

DISCUSSION

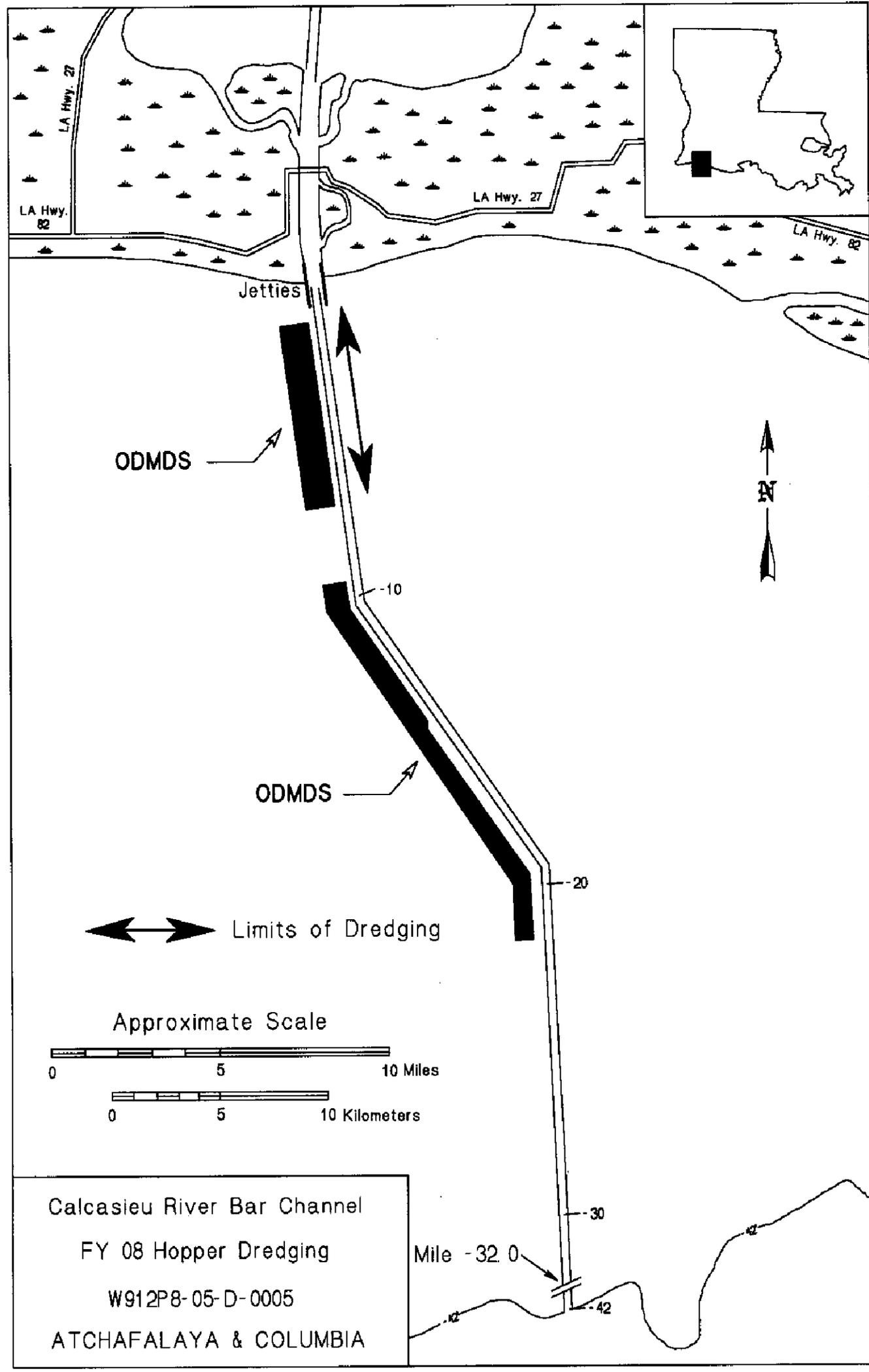
No sea turtles were incidentally taken, relocated, or sighted during this hopper dredging work on the Calcasieu River bar channel. Surface water temperatures during this work were within the range of sea turtle tolerances (with 51.8°F (11°C) being the lower limit threshold). A general seasonal pattern of decreasing water temperatures from November 2007 through February 2008 followed by a pattern of increasing water temperatures from February 2008 through March 2008 was observed. Water temperatures were recorded at their lowest level of 54.9° F (12.7°C) during late January to early February.

SEA TURTLE STRANDING AND SALVAGE NETWORK

Throughout this hopper dredging work, coordination was conducted with the Sea Turtle Stranding and Salvage Network. There were no reports of stranded turtles that bore injuries consistent with a potential encounter with a hopper dredge.

SUMMARY

The hopper dredges ATCHAFALAYA and COLUMBIA were employed in this Calcasieu River bar channel maintenance effort between November 17, 2007, and March 24, 2008. Relocation trawling was not required during this maintenance dredging work. There were no recorded sea turtle incidental takes, relocations, or sightings. Water temperatures during this work were within the range of sea turtle tolerances.



Calcasieu River Bar Channel
 FY 08 Hopper Dredging
 W912P8-05-D-0005
 ATCHAFALAYA & COLUMBIA

ATTACHMENT 1

HOPPER DREDGE INSPECTION

USACE SEA TURTLE INSPECTION CHECKLIST FOR HOPPER DREDGES

Contract #: W912P8-05-D-0005, Task Order #4, Calcasieu Bar Channel
Contractor: B + B Dredging Co
Dredge: "Atchafalaya"
Date: Fri., & Sat., 16-17 Nov 2007

	YES	NO	N/A
1. Contract plans and specs and/or all applicable permits reviewed.	X		
2. List of inspection requirements:			
a. Leading edge angle (90 degrees or less).	X		
b. Approach angle or leading edge plowing depth (6 inches or more).	X		
c. Aft rigid attachment of deflector to the drag head (hinged or trunnion).	X		
d. Forward deflector attachment point (adjustable pinned or cable/chain with stop).	X		
e. Opening between drag head and deflector (4"X 4" max).	X		
f. Is screening of dredged material required?	X		
g. Are inflow screens or overflow screens or both required?	X		
h. Are inflow basket screen openings 4"X 4" max and is 100% of the dredged material being screened.	X		
i. Lighting of inflow and overflow screens and proper access for cleaning (must meet EM 385-1-1).	X		
j. Checked structural design of deflector (per approved deflector submittal).	X		
k. Reviewed Dredge operational requirements (starting /stopping dredge pump, draghead plugging, razing draghead, turning the dredge).	X		
l. Dredging data recorded and collected (drag elevation, slurry density & velocity)	X		
m. Is turtle trawling required by specs or permit? If so is it being performed? <u>Not necessary @ this time</u>			
n. Turtle observers requirements (<u>24 hours</u> req.)	X		
3. Reviewed turtle deflector submittals for:			
o. Structural soundness	X		
p. Leading edge angle (90 degrees or less).	X		
q. Approach angles for dredging depths.	X		
r. 4"X 4" opening between deflector and drag head(s).	X		
4. Performed pre-dredging inspections:			
s. Reviewed and inspected all items in paragraph 3a-n.	X		
5. Performed dredging operation inspections:			
t. Reviewed and inspected all items in paragraph 3a-n.	X		
u. Performed paint test to assure deflector is plowing at least 6" into the dredge material. (over penetration will reduce production and increase fuel consumption of the dredge).	X		
v. Dredge ridden though at least one dredging cycle (dredging, to the dump and back to the dredge site).			
w. Drag tender observed to assure proper operation of the dredging equipment in accordance with the plans and specs (starting/stopping dredge pump, lower dragarm angle, swell compensator, slurry specific gravity, plugging of the draghead, ship crabbing).	X		

USACE SEA TURTLE INSPECTION CHECKLIST FOR HOPPER DREDGES

Contract #: W912P8-05-D-0005, Task Order #4, Calcasieu Bar Channel

Contractor: B + B Dredging Co.

Dredge: Atchafalaya

Date: Fri., & Sat., 16-17 Nov 2007

	YES	NO	N/A
x. Lockout-tagout procedure for cleaning the inflow and overflow screens being conducted (must meet EM 385-1-1).	X		
y. Reviewed contract plans, specs and permit requirements with turtle observers and assured inspections of screens and deflectors and reporting of any maintenance required.	X		
z. Reviewed with Dredge Captain about maintaining the screens and deflectors.	X		

COMMENTS:

Contractor conducting proper procedures and Paint Test showed minimum 6" to 8" depth being plowed and leading edge angle 90 degrees or less.

COE Inspector(s): Mayo J. Broussard and Jason Marcotte

Name:  , COE - QAR

Office Symbol: CEMVN-CD-LAO

Date of Inspection: 16-17 Nov 2007

USACE SEA TURTLE INSPECTION CHECKLIST FOR HOPPER DREDGES

Contract #: W912P8-05-D-0005, Task Order #4, Calcasieu Bar Channel
 Contractor: B + B Dredging Co
 Dredge: "Columbia"
 Date: Fri., & Sat., 18-19 Jan 2008

	YES	NO	N/A
Contract plans and specs and/or all applicable permits reviewed.	X		
<u>List of inspection requirements:</u>			
a. Leading edge angle (90 degrees or less).	X		
b. Approach angle or leading edge plowing depth (6 inches or more).	X		
c. Aft rigid attachment of deflector to the drag head (hinged or trunnion).	X		
d. Forward deflector attachment point (adjustable pinned or cable/chain with stop).	X		
e. Opening between drag head and deflector (4"X 4" max).	X		
f. Is screening of dredged material required?	X		
g. Are inflow screens or overflow screens or both required?	X		
h. Are inflow basket screen openings 4"X 4" max and is 100% of the dredged material being screened.	X		
i. Lighting of inflow and overflow screens and proper access for cleaning (must meet EM 385-1-1).	X		
j. Checked structural design of deflector (per approved deflector submittal).	X		
k. Reviewed Dredge operational requirements (starting /stopping dredge pump, draghead plugging, razing draghead, turning the dredge).	X		
l. Dredging data recorded and collected (drag elevation, slurry density & velocity)	X		
m. Is turtle trawling required by specs or permit? If so is it being performed? <u>Not necessary @ this time</u>			
n. Turtle observer requirements (<u>24 hours</u> req.)	X		
<u>3. Reviewed turtle deflector submittals for:</u>			
o. Structural soundness	X		
p. Leading edge angle (90 degrees or less).	X		
q. Approach angles for dredging depths.	X		
r. 4"X 4" opening between deflector and drag head(s).	X		
<u>4. Performed pre-dredging inspections:</u>			
s. Reviewed and inspected all items in paragraph 3a-n.	X		
<u>5. Performed dredging operation inspections:</u>			
t. Reviewed and inspected all items in paragraph 3a-n.	X		
u. Performed paint test to assure deflector is plowing at least 6" into the dredge material. (over penetration will reduce production and increase fuel consumption of the dredge).	X		
v. Dredge ridden through at least one dredging cycle (dredging, to the dump and back to the dredge site).			
w. Drag tender observed to assure proper operation of the dredging equipment in accordance with the plans and specs (starting/stopping dredge pump, lower dragarm angle, swell compensator, slurry specific gravity, plugging of the draghead, ship crabbing).	X		

*Cont'd on Page 2

USACE SEA TURTLE INSPECTION CHECKLIST FOR HOPPER DREDGES

Contract #: W912P8-05-D-0005, Task Order #4, Calcasieu Bar Channel
Contractor: B + B Dredging Co.
Dredge: "Columbia"
Date: Fri., & Sat., 18-19 Jan 2008

	YES	NO	N/A
x. Lockout-tagout procedure for cleaning the inflow and overflow screens being conducted (must meet EM 385-1-1).	X		
y. Reviewed contract plans, specs and permit requirements with turtle observers and assured inspections of screens and deflectors and reporting of any maintenance required.	X		
z. Reviewed with Dredge Captain about maintaining the screens and deflectors.	X		

COMMENTS:

On Fri., 01-18-08, Contractor conducted proper procedures and @ 1457 hrs thru 1520 hrs, Paint Test showed minimum 6" to 8" depth being plowed and leading edge angle 90 degrees or less. T.E.D. and all screens structurally sound and in good condition with proper night time lighting provided and in good working condition. Terrance Todd, Coastwise Consulting is onboard and conducting turtle and marine species monitoring.

Names:

COE Inspector(s): Mayo J. Broussard and James LaFleur

Office Symbol: CEMVN-CD-LAO

Date of Inspection: 18-19 Jan 2008

Photos were taken before and after paint test.

Mayo J. Broussard
COE-QAR

ATTACHMENT 2

Protected Species Observers

Daily Reports

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 17 / 2007

Project Name: Calcasieus Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 001 - 002

Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 63 - 72 °C/°F Wind Direction and Speed SSW to SSE 5 to 10 knots

WATER TEMP: Surface 69 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt

Biotics - Wood, snake eels, small crustaceans and sessile invertebrates

Abiotics - Plastic Bottles, scrap plastic, cloth, rope

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All Day	<i>Tursiops truncatus</i>	>20 / 2-4	In Channel & near jetties, foraging & playing
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Terrance N. Todd / Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 18 / 2007

Project Name: Calcasieus Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 003 - 004

Areas worked (stations, etc): Stations 0⁰⁰ to 280⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 63 - 72 °C / °F Wind Direction and Speed SSE 5 to 10 knots

WATER TEMP: Surface 69 °C / °F Column (mid-depth) — °C / °F Bottom — °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, snake eels, small crustaceans and sessile invertebrates

Abiotics - Plastic Bottles, scrap plastic, cloth, rope, netting.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All Day, Tursiops truncatus, >20 / 2-4, In Channel & near jetties, foraging & playing.

Observers Names Terrance N. Todd / Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 19 / 2007

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #: 005 - 007 Areas worked (stations, etc): Stations 0⁰⁰ to 280⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 66 - 75 °C/°F Wind Direction and Speed NNW 5 to 15 knots

WATER TEMP: Surface 69 °C/°F Column (mid-depth) °C/°F Bottom °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, snake eels, small crabs, barnacles, cord grass, dusky flounder, southern flounder.

Abiotics - Plastic Bottles, scrap plastic, cloth, rope, netting.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>>20 / 2-4</u>	<u>In Channel & near jetties, foraging & playing</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Terrance N. Todd / Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 20 / 2007

Project Name: Calcasieus Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 008 - 009 Areas worked (stations, etc): Stations 0¹⁰⁰ to 280⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 66 - 79 °C/°F Wind Direction and Speed ENE to E 5 to 10 knots

WATER TEMP: Surface 70 °C/°F Column (mid-depth) °C/°F Bottom °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Bionics - Wood, snake eels, barnacles, cord grass, polychaetes

Abiotics - Plastic Bottles, scrap plastic, cloth, rope, netting, aluminum, onion bags.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>>20 / 2-4</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd / Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 21 / 2007

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 010 - 011 Areas worked (stations, etc): Stations 0⁰⁰ to 280⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 58 - 78 °C / °F Wind Direction and Speed ENE to NNW 5 to 25 knots

WATER TEMP: Surface 69 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, small crabs.

Abiotics - Plastic Bottles, scrap plastic, cloth, rope, netting.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

Cold front moved through in the evening bringing high winds, rain and lightning.

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>>20 / 2-4</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd / Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 22 / 2007

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 012 - 013 Areas worked (stations, etc): Stations 0⁰⁰ to 280⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 49 - 58 °C / °F Wind Direction and Speed NNW 10 to 22 knots

WATER TEMP: Surface 67 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, 1 blue crab, 2 Channel Catfish, weeds

Abiotics - Plastic Bottles, scrap plastic, cloth, rope, netting, trash bags

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

High pressure system associated with cold front entering area. Temperatures dropping rapidly.

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Turstop truncates</u>	<u>>20 / 2 - 4</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd / Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 23 / 2007

Project Name: Caicasieus Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #s: 014 - 017 Areas worked (stations, etc): Stations 0¹⁰⁰ to 280¹⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 **5 6** 7 8 9 10 11 12

AIR TEMP: 49 - 59 °C **°F** Wind Direction and Speed NNW 15 to 25 knots

WATER TEMP: Surface 67 °C **°F** Column (mid-depth) — °C/F Bottom — °C/F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, 1 blue crab, 6 channel catfish, 9 hardhead catfish, Croaker, ribbon fish, snake eels, Misc Plants and detrital material

Abiotics - Plastic Bottles, scrap plastic, cloth, rope, netting, trash bags

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

High Winds still prevalent with choppy seas.

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>>20 / 2-4</u>	<u>In Channel & near jetties, foraging & playing</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Terrance N. Todd / Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 24 / 2007

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #: 018 - 018 Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 49 - 59 °C °F Wind Direction and Speed NNE 15 to 25 knots

WATER TEMP: Surface 67 °C °F Column (mid-depth) — °C / °F Bottom — °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, 1 blue crab, 6 channel catfish, 9 hardhead catfish, Croaker, ribbon fish, snake eels, Misc Plants and detrital material

Abiotics - Plastic Bottles, scrap plastic, cloth, rope, netting, trash bags

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

Front moved In. High winds and choppy seas. Suspended operations during load 18.

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 2 - 4</u>	<u>In Channel & near jetties, foraging & playing</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Terrance N. Todd / Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 25 / 2007

Project Name: Calcasieus Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 018 - 018 Areas worked (stations, etc): Stations 0⁰⁰ to 280⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 44 - 59 °C / °F Wind Direction and Speed NNE 15 to 25 knots

WATER TEMP: Surface 65 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, snake eels, and detrital material

Abiotics - Plastic Bottles, scrap plastic, cloth, rope, netting, trash bags

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

High winds and choppy seas still present. Continued dredging operations in the evening. Still working on 18th load.

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 2-4</u>	<u>In Channel & near jetties, foraging & playing</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Terrance N. Todd / Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 26 / 2007

Project Name: Calcasieus Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 018 - 019

Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 48 - 61 °C / 60 - 70 °F Wind Direction and Speed NNE 15 to 25 knots

WATER TEMP: Surface 65 °C / 149 °F Column (mid-depth) — °C / — °F Bottom — °C / — °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, crabs, hard heads, and detrital material

Abiotics - Plastic Bottles, scrap plastic, aluminum cans, cloth, rope, netting, trash bags, fishing line, fiber glass, Misc. trash

Skies partly cloudy, high winds presents, seas choppy and rough in morning decreasing in afternoon being slightly choppy during the evening.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>>20 / 2 - 4</u>	<u>In Channel & near jetties, foraging & playing</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Terrance N. Todd / Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 27 / 2007

Project Name: Calcasieus Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 919 - 921 Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 **3 4** 5 6 7 8 9 10 11 12

AIR TEMP: 48 - 61 °C / **°F** Wind Direction and Speed NNE 10 to 20 knots

WATER TEMP: Surface 65 °C / **°F** Column (mid-depth) — °C / F Bottom — °C / F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, crabs, hard heads, gastropods, bivalves, and detrital material

Abiotics - Plastic Bottles, scrap plastic, aluminum cans, cloth, rope, netting, trash bags, fishing line, fiber glass, Misc. trash

Skies partly cloudy to clear, slightly windy, seas with slight chop throughout day. Load numbers changed to match numbering system used by dredge.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 2 - 4</u>	<u>In Channel & near jetties, foraging & playing.</u>

Observers Names Terrance N. Todd / Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT**

DATE: Nov / 28 / 2007

Project Name: Calcasieus Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #: 921 - 923 Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 48 - 64 °C / °F Wind Direction and Speed NNE to ESE 10 to 15 knots

WATER TEMP: Surface 63 °C / °F Column (mid-depth) — °C / °F Bottom — °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

- Materials Dredged - Mud, Silt, some Clay
- Biotics - Wood, cord grass, crabs, hard heads, flounders, gastropods, and detrital material
- Abiotics - Plastic Bottles, scrap plastic, aluminum cans, cloth, rope, netting, trash bags, fishing line, fiber glass, Misc. trash, Shrimp net

Skies clear, light winds, seas with slight chop during day to gentle swell in evening.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 4 - 8</u>	<u>In Channel & near jetties, foraging & playing</u>
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____

Observers Names Terrance N. Todd / Bonnie Guthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 29 / 2007

Project Name: Calcasieus Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 923 - 924

Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 64 - 79 °C / °F Wind Direction and Speed SSE10 to 15 knots

WATER TEMP: Surface 63 °C / °F Column (mid-depth) — °C / °F Bottom — °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, crabs, hard heads, flounders, gastropods, and detrital material

Abiotics - Plastic Bottles, scrap plastic, aluminum cans, cloth, rope, netting, fishing line, Misc. trash,

Skies overcast in morning to partly cloudy. Seas mostly flat. After Load 924, Problems with Drag rm. Down for repairs.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All Day, Tursiops truncatus, >20 / 4-8, In Channel & near jetties, foraging & playing.

Observers Names Terrance N. Todd / Bonnie Guthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Nov / 30 / 2007

Project Name: Calcasieus Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 925 - 925 Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 **2** 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 64 - 79 °C / **°F** Wind Direction and Speed SSE10 to 15 knots

WATER TEMP: Surface 63 °C / **°F** Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Skies overcast in morning to partly cloudy. Seas mostly flat. At dock most of day repair drag arm. Reconmenced dredging operations at ~2100 hrs. Load not completed.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncates</u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>

Observers Names Terrance N. Todd / Bonnie Guthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 01 / 2007

Project Name: Calcasieus Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #s: 925 - 926 Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 64 - 79 °C °F Wind Direction and Speed SSE 5 to 10 knots

WATER TEMP: Surface 63 °C °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, crabs, hard heads, gastropods, bivalves and detritus.

Abiotics - Plastic Bottles, scrap metal, plastic bag, aluminum cans, cloth, rope, netting, fishing line, Misc. trash,

Skies partly cloudy, hazy. Seas mostly flat.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observers Names Terrance N. Todd / Bonnie Guthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 02 / 2007

Project Name: Calcasieus Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #: 927 - 928 Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 **2** 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 55 - 75 °C (°F) Wind Direction and Speed SSE to NW 5 to 25 knots

WATER TEMP: Surface 63 °C (°F) Column (mid-depth) — °C / °F Bottom — °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, crabs, hard heads, gastropods, detritus.

Abiotics - Plastic Bottles, scrap metal, plastic bag, aluminum cans, cloth, rope, netting, fishing line, Misc. trash,

Skies partly cloudy, hazy. Seas mostly flat increasing to slightly choppy to very choppy at midnight. Winds light in morning rapidly increasing and shifting from the north up to 25 knots towards midnight.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Terrance N. Todd / Bonnie Guthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 03 / 2007

Project Name: Calcasieus Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 929 - 930

Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 **4** 5 6 7 8 9 10 11 12

AIR TEMP: 55 - 71 °C / **°F** Wind Direction and Speed NNW 20 to 35 knots

WATER TEMP: Surface 63 °C / **°F** Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, crabs, hard heads, gastropods, detritus, mantis shrimp

Abiotics - Plastic Bottles, scrap metal, plastic bag, aluminum cans, cloth, rope, netting, fishing line, rubber, Crab trap pieces, wire, misc. trash.

Skies partly cloudy. Seas very choppy with high winds prevalent all day with gusts exceeding 30 knots.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>>20 / 1 - 3</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd / Bonnie Guthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 04 / 2007

Project Name: Calcasieus Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #: 931 - 932 Areas worked (stations, etc): Stations 0¹⁰⁰ to 280¹⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 12.7 - 21.7 °C °F Wind Direction and Speed WNW 5 to 20 knots

WATER TEMP: Surface 17.2 °C °F Column (mid-depth) --- °C °F Bottom --- °C °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay
 Biotics - Wood, cord grass, crabs, hard heads, gastropods, detritus.
 Abiotics - Plastic Bottles, scrap metal, plastic bag, aluminum cans, cloth, rope, netting, fishing line, wire, misc. trash.
 Skies partly cloud clearing in afternoon. Calm at night with clear skies, sea with light chop.
 NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 1 - 3</u>	<u>In Channel & near jetties, foraging & playing</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Terrance N. Todd / Bonnie Guthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 05 / 2007

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 931 - 932

Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 12.7 - 19.5 (°C) °F Wind Direction and Speed WSW 5 to 20 knots

WATER TEMP: Surface 16.6 (°C) °F Column (mid-depth) — °C/°F Bottom — °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, 1 blue crab, gastropods, bivalves, mantis shrimp, detritus.

Abiotics - Plastic Bottles, scrap metal, plastic bag, aluminum cans, cloth, rope, netting, fishing line, wire, misc. trash.

Skies clear in morning becoming partly cloudy. Seas calm in morning, winds picking up in afternoon causing light chop. Winds begin gusting in evening up to 20 kts.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All Day	<i>Tursiops truncatus</i>	>20 / 3 - 8	In Channel & near jetties, foraging & playing
		/	
		/	
		/	
		/	
		/	
		/	

Observers Names Terrance N. Todd / Bonnie Guthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 06 / 2007

Project Name: Calcasieus Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #: 936 - 937 Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 **4** 5 6 7 8 9 10 11 12

AIR TEMP: 12.7 - 19.5 °C °F Wind Direction and Speed SW 15 to 20 knots

WATER TEMP: Surface 16.6 °C °F Column (mid-depth) °C °F Bottom °C °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass, gastropods, bivalves, mantis shrimp, detritus, 1 coconut.

Abiotics - Plastic Bottles, scrap metal, plastic bag, aluminum cans, cloth, rope, netting, fishing line, wire, misc. trash.

Skies clear to mostly clear. Seas with slight chop increasing during the day, windy with winds gusting up to 20 kts.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 3 - 8</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd / Bonnie Guthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 07 / 2007

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 938 - 939 Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 **4** 5 6 7 8 9 10 11 12

AIR TEMP: 12.7 - 19.5 °C / °F Wind Direction and Speed SW 5 to 15 knots

WATER TEMP: Surface 16.6 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass.

Abiotics - Plastic Bottles, cloth, rope, netting, fishing line, wire, misc. trash.

Skies mostly clear becoming partly cloudy afternoon. Fog moved into area late night. Seas with slight chop windy in morning weakening to about 5 knots at night. Dredging activity suspended due to fog at 2245.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 3-8</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd / Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 08 / 2007

Project Name: Calcasieus Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #: 940 - 940

Areas worked (stations, etc): Stations 0⁺¹⁰⁰ to 280⁺¹⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 **4** 5 6 7 8 9 10 11 12

AIR TEMP: 12.7 - 19.5 °C / °F Wind Direction and Speed ESE 5 to 15 knots

WATER TEMP: Surface 16.6 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Dense Fog most of the morning to mid-afternoon. Dredging activities resumed at 1706 on load 940 and still underway past midnight (thus no characterization of materials found in screen).

Seas 2 to 4 ft with slight chop becoming a gentle swell at night, wind weak in morning pickup gradual as day passes weakening again late night. Fog began forming again around 2300 hrs.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 1 - 4</u>	<u>In Channel & near jetties, foraging & playing.</u>
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Observers Names Terrance N. Todd / Bonnie Guthrie Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 09 / 2007

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 940 - 941

Areas worked (stations, etc): Stations 0⁰⁰ to 280⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 12.7 - 19.5 °C / °F Wind Direction and Speed ESE 5 to 15 knots

WATER TEMP: Surface 16.6 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, cord grass.

Abiotics - Plastic Bottles, cloth, rope, netting, fishing line, wire, misc. trash.

Dense Fog formed at ~0200 hr suspending dredging activities. Recommended Dredging on load 941 at 1400 hrs and still underway past midnight. Seas 2 to 4 ft with slight chop with winds weak in morning, gradually increasing in strength to a steady 10 to 15 knots in the evening.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>>20 / 1-4</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd / Bonnie Guthrie Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 10 / 2007

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 941 - 943 Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 - 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 15.0 - 21.1 °C / °F Wind Direction and Speed SSE 5 to 15 knots

WATER TEMP: Surface 17.2 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, Cord Grass. (1) Redfish, Gastropods, Bivalves,

Abitotics - Plastic Bottles, cloth, rope, netting, fishing line, wire, misc. trash, rubber

Seas 1 to 3 ft with slight chop with winds steady at 5 to 10 knots during day increasing up to 15 knots in evening.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd / Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 11 / 2007

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 943 - 944 Areas worked (stations, etc): Stations 0⁰⁰ to 280⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 15.0 - 21.1 **°C** °F Wind Direction and Speed ESE 5 to 15 knots

WATER TEMP: Surface 17.2 **°C** °F Column (mid-depth) --- °C °F Bottom --- °C °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, Cord Grass. (1) Blue crab, Polychaetes, Gastropods, Bivalves,

Abiotics - Plastic Bottles, cloth, rope, netting, fishing line, wire, misc. trash, rubber, foam

Seas 2 to 4 feet, with chop in the morning, decreasing to slight chop in the afternoon, winds steady, hazy all day with skies partly cloudy.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Turstop truncates</i></u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>
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Observers Names Terrance N. Todd / Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 12 / 2007

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #: 945 - Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 **3 4** 5 6 7 8 9 10 11 12

AIR TEMP: 16.0 - 21.1 °C °F Wind Direction and Speed SE 5 to 15 knots

WATER TEMP: Surface 17.2 °C °F Column (mid-depth) — °C °F Bottom — °C °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, Cord Grass, Gastropods, Bivalves,

Abiotics - Plastic Bottles, cloth, rope, netting, fishing line, wire, misc. trash, rubber, foam

Seas 2 to 4 feet, winds steady, hazy all day with skies partly cloudy, fog developing in the late afternoon.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Terrance N. Todd / Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 13 / 2007

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #: 946 - 947 Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 **3 4 5** 6 7 8 9 10 11 12

AIR TEMP: 7.0 - 15.0 **C / °F** Wind Direction and Speed NE 10 to 20 knots

WATER TEMP: Surface 16.6 **°C / °F** Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, Cord Grass, Gastropods, Bivalves,

Abiotics - Plastic Bottles, cloth, rope, netting, fishing line, wire, misc. trash, rubber,

Seas 2 to 4 feet, winds steady out of the NE, cloudy all day with cooler air temperatures.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Dec / 14 / 2007

Project Name: Calcasieus Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 948 - 949

Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 7.0 - 15.0 °C / °F Wind Direction and Speed NE 10 to 20 knots

WATER TEMP: Surface 16.6 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, Cord Grass, Bivalves,

Abiotics - Plastic Bottles, cloth, rope, netting, fishing line, wire, misc. trash, rubber,

Seas 2 to 4 feet, winds steady out of the NE, cloudy all day with cooler air temperatures.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT**

DATE: Dec / 15 / 2007

Project Name: Calcasieus Channel USACE District: New Orleans
 Dredge Name: M/V Atchafalaya Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #: 950 - Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 7.0 - 16.0 °C/°F Wind Direction and Speed ENE 15 to 30 knots

WATER TEMP: Surface 16.6 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Wood, Cord Grass, Bivalves,

Abiotics - Plastic Bottles, cloth, rope, netting, fishing line, wire, misc. trash, rubber,

Seas 2 to 4 feet, winds steady out of the ENE switching to the NW, skies clearing with cooler air temperatures.
 Dredging operations suspended for Coast Guard inspection: docked up in Cameron.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Morning</u>	<u>Tursiops truncatus</u>	<u>>5 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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Observers Names Bonnie Gauthier Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

Project Name: Calcasieus Channel

USACE District: New Orleans

Dredge Name: M/V Atchafalaya

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

DATES: Dec / 15 / 2007 -- Dec / 21 / 2007 LOADS #s: 950 --

Areas worked (stations, etc): Stations 0+00 to 280+00

Locations, Lat/Long: N 29 ° 39 . 820 x W 93 ° 19 . 540

Lat/Long: N ° . x W ° .

Were there incidents involving endangered or protected species? YES NO X

Which species? N/A

Comments:

Materials Dredged - Mud, Silt, Clay

Biotics - Wood, cord grass, hard heads, gastropods, bivalves, detritus, mantis shrimp, blue crabs

Abiotics - Plastic Bottles, scrap metal, plastic bags, aluminum cans, cloth, rope, netting, trash bags, netting, fishing line, rubber, Misc trash.

Screening on draghead and inflow in good condition. No overflow screens. Only one load to report on this weekly: the ship went to the dock for annual Coast Guard inspection and have been at the dock all week for work repairs.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Date/Time, Species, # Sightings/# Animals, Location/Comments. Multiple rows for data entry.

Observers' Names Bonnie Gauthier

Observer Firm Coastwise Consulting

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 18 / 2008

Project Name: Calcasieus Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #: 951 - 951 Areas worked (stations, etc): Stations 0⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 44 . 350 x W 93 ° 20 . 450

Beaufort Sea State: 0 1 2 **3 4 5** 6 7 8 9 10 11 12

AIR TEMP: 8.8 - 13.3 °C / °F Wind Direction and Speed NNE 10 to 15 knots

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Columbia to continue job in Calcasieus started by M/V Atchafalaya. Begin dredging operations at 1457. Load not completed as of midnight with minimal trash observed in box during turn.

Seas 1 to 3 ft with slight chop with winds steady at 5 to 10 knots during day increasing up to 15 knots in evening and seas choppy 2-5 ft. Showers and thunderstorm throughout evening starting around 1800. Temperature dropping rapidly.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 1 - 3</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 19 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 951 - 952 Areas worked (stations, etc): Stations 5⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 43 . 260 x W 93 ° 20 . 260

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 5.3 - 11.6 °C / °F Wind Direction and Speed NNE 15 to 25 knots

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay
 Biotics - (1) Redfish, Barnacles, stone crabs, bivalves, gastropods, blue crab, snake eels, bones, grass, wood.
 Abiotics - Rock, plastic, cloth, rubber, metal, fishing line, netting, crab trap, chain, rope, wire, misc trash.
 Cold front moved into area. Temperatures dropping rapidly. Scattered shower throughout morning to overcast skies by noon and skies clearing in the afternoon. Seas 2-4 feet through out day.
 NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 20 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 953 - 954 Areas worked (stations, etc): Stations 5⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 43 . 260 x W 93 ° 20 . 260

Beaufort Sea State: 0 1 2 3 **4** 5 6 7 8 9 10 11 12

AIR TEMP: 5.3 - 11.6 °C / °F Wind Direction and Speed NNE 15 to 25 knots

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Bivalves, gastropods, blue crabs, snake eels, grass, wood.

Abiotics - Rock, plastic, cloth, rubber, metal, fishing line, netting, lead line, rope, wire, misc trash.

Cold front moved into area. Temperatures approaching freezing in morning warming slightly in the afternoon. Clear \ skies with unlimited visibility. Seas 2-4 feet through out day.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 21 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 955 - 955 Areas worked (stations, etc): Stations 5⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 43 . 260 x W 93 ° 20 . 260

Beaufort Sea State: 0 1 2 **3 4 5** 6 7 8 9 10 11 12

AIR TEMP: 1.1 - 10.0 °C / °F Wind Direction and Speed NNE to E to ESE 10 to 20 knots

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay
 Biotics - Bivalves, gastropods, snake eels, grass, wood.
 Abiotics - Rock, plastic, cloth, rubber, metal, fishing line, netting, lead line, rope, wire, crab traps, oil filters, misc trash.
 New front moving into area causing veering and high choppy sea 3 to 6 feet and building. Went to anchor at 0825.
 NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 22 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #s: 956 - 956 Areas worked (stations, etc): Stations 5⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 43 . 260 x W 93 ° 20 . 260

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 10.1 - 13.3 °C / °F Wind Direction and Speed ESE 5-10 knots to light winds

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Bivalves, gastropods, snake eels, grass, wood, blue crabs, arrow crabs, mole crabs.

Abiotics - Rock, plastic, cloth, rubber, metal, fishing line, netting, lead line, rope, wire, crab traps, hard hats, Boots, misc trash.

Recommended dredging operations at 0726. Seas 1-3 feet in morning with slight chop decreasing to a gentle swell to flat seas in the afternoon. Fog persisted all through morning to evening becoming overcast at night.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 1-3</u>	<u>In Channel & near jetties, foraging & playing</u>
		/	
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Observers Names Terrance N. Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 23 / 2008

Project Name: Calcasieus Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #s: 957 - 959 Areas worked (stations, etc): Stations 5⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 41 . 440 x W 93 ° 20 . 050

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 10.1 - 13.3 °C / °F Wind Direction and Speed Variable dir & light winds

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, some Clay

Biotics - Bivalves, gastropods, snake eels, grass, wood, blue crabs, arrow crabs, mole crabs.

Abiotics - Rock, plastic, cloth, rubber, metal, fishing line, netting, lead line, rope, wire, crab traps, fiber glass, Boots, misc trash.

Seas calm with very gentle swell throughout day to totally flat. Fog persisted all through morning lifting slightly at noon before moving back in the evening. Winds calm and light. Digging now on channel edge of the work stations resulting in a greater increase of material accumulating in traps.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u><i>Tursiops truncatus</i></u>	<u>>20 / 8 - 16</u>	<u>In Channel & near jetties, foraging & playing</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Terrance N. Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 24 / 2008

Project Name: Calcasieus Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 960 - 961

Areas worked (stations, etc): Stations 5⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 41 . 440 x W 93 ° 20 . 050

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 3.9 - 10.0 °C / °F Wind Direction and Speed NNE 10 - 25 knots

WATER TEMP: Surface 12.7 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay

Biotics - Bivalves, gastropods, snake eels, grass, wood, blue crabs, arrow crabs, mole crabs, bones, red fish.

Abiotics - Rock, plastic, cloth, rubber, metal, fishing line, netting, lead line, rope, wire, crab traps, fiber glass, Boots, misc trash.

Seas calm with very gentle swell throughout day to totally flat. Scattered showers in morning with strong winds as new front moves into area. Sea choppy 2 - 5 feet to mid afternoon then decrease 2-4

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 8 - 16</u>	<u>In Channel & near jetties, foraging & playing</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>/</u>	<u>_____</u>
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Observers Names Terrance N. Todd

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 25 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 962 - 963

Areas worked (stations, etc): Stations 5⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 980 x W 93 ° 19 . 0640

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 3.9 - 10.0 °C / °F Wind Direction and Speed NNE 10 - 25 knots

WATER TEMP: Surface 12.7 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay

Biotics - Bivalves, gastropods, snake eels, grass, wood, blue crabs, bones, red fish, black drum.

Abiotics - Rock, plastic, cloth, rubber, metal, fishing line, netting, lead line, rope, wire, crab traps, fiber glass, Boots, oil filters, misc trash.

Scattered showers late morning through evening till midnight with strong winds. Seas choppy 2 - 5 feet. Else cold With overcast skies.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 8 - 16</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 26 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 964 - 965

Areas worked (stations, etc): Stations 5⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 39 . 980 x W 93 ° 19 . 0640

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 5.2 - 12.7 °C / °F Wind Direction and Speed NNE 10 - 15 knots

WATER TEMP: Surface 12.7 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay

Biotics - Bivalves, gastropods, snake eels, grass, wood, blue crabs, bones, black drum, mantis shrimp.

Abiotics - Rock, plastic, cloth, rubber, metal, fishing line, netting, lead line, rope, wire, crab traps, fiber glass, tire, rubber tubing, copper, misc trash.

Scattered showers late morning becoming a mist to a haze in afternoon. Seas slightly choppy in morning becoming calm in afternoon. Skies overcast and chilly.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All Day</u>	<u>Tursiops truncatus</u>	<u>>20 / 8-16</u>	<u>In Channel & near jetties, foraging & playing</u>

Observers Names Terrance N. Todd

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 27 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 966 - 967

Areas worked (stations, etc): Stations 5⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29 ° 41 . 880 x W 93 ° 19 . 990

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 5.2 - 12.7 °C / °F Wind Direction and Speed NNE 5 - 10 knots

WATER TEMP: Surface 12.7 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay

Biotics - Bivalves, gastropods, snake eels, grass, wood, blue crabs, bones.

Abiotics - Rock, plastic, cloth, rubber, metal, fishing line, netting, lead line, rope, wire, crab traps, fiber glass, tire, rubber tubing, copper, misc trash.

Seas calms to slightly choppy 1-3 ft. Skies overcast and chilly.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All Day	<i>Tursiops truncatus</i>	>20 / 8 - 16	In Channel & near jetties, foraging & playing
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		/	
		/	
		/	

Observers Names Terrance N. Todd

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 28 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 968 - 969

Areas worked (stations, etc): Stations 5⁺⁰⁰ to 280⁺⁰⁰

Location, Lat/Long: N 29° 41.792 x W 93° 20.046

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 42-60 °C/°F Wind Direction and Speed SE 10 - 15 knots

WATER TEMP: Surface 55 °C/°F Column (mid-depth) --- °C/°F Bottom --- °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay

Biotics - Bivalves, gastropods, grass, wood, black drum, unidentified fish skull

Abiotics - Plastic, cloth, fishing line, net, rope, tire, misc trash.

Seas calm to slightly choppy 1-3 ft. Foggy.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Multiple rows for data entry.

Observers Names Kenneth Coonrod

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 29 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 970 - Areas worked (stations, etc): Stations 5+00 to 100+00

Location, Lat/Long: N 29° 43.232 x W 93° 20.177

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 49 °C / °F Wind Direction and Speed NNW 5 - 10 knots

WATER TEMP: Surface 55 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay

Biotics - Bivalves, grass, wood, black drum, 2 blue crabs,

Abiotics - Plastic, cloth, fishing line, net, rope, tire, metal scraps, aluminum cans, misc trash.

Seas calm to slightly choppy 1-3 ft. Clear.

Tied up for refueling/repairs etc all morning and part of afternoon.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Multiple rows for data entry.

Observers Names Kenneth Coonrod Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 30 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 971 - 972

Areas worked (stations, etc): Stations 5⁺⁰⁰ to 100⁺⁰⁰

Location, Lat/Long: N 29 ° 43 . 401 x W 93 ° 20 . 216

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 43-56 °C / °F Wind Direction and Speed NNW 10 - 15 knots

WATER TEMP: Surface 57 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, clay

Biotics - Bivalves, grass, wood, red drum, 1 blue crab,

Abiotics - Plastic, cloth, fishing line, net, rope, tire, metal scraps, aluminum cans, vinyl siding, fiberglass, misc trash.

Seas choppy 1-3 ft. Clear.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Multiple rows for data entry.

Observers Names Kenneth Coonrod

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Jan / 31 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 973 -

Areas worked (stations, etc): Stations 5+00 to 100+00

Location, Lat/Long: N 29° 43.647 x W 93° 20.2174

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 43-56 °C (°F) Wind Direction and Speed SE 10 - 15 knots

WATER TEMP: Surface 57 °C (°F) Column (mid-depth) --- °C/°F Bottom --- °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, clay

Biotics - Bivalves, grass, wood, black drum, sheepshead, 5 blue crabs

Abiotics - Plastic, cloth, fishing line, net, rope, tire, metal scraps, aluminum cans, vinyl siding, fiberglass, misc trash.

Seas choppy 2-3 ft. Clear.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Multiple rows for data entry.

Observers Names Kenneth Coonrod Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 01 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 974 - 975

Areas worked (stations, etc): Stations 5⁺⁰⁰ to 100⁺⁰⁰

Location, Lat/Long: N 29 ° 44 . 508 x W 93 ° 20 . 470

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 43-58 °C / °F Wind Direction and Speed N 10 - 15 knots

WATER TEMP: Surface 57 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, clay

Biotics - Bivalves, grass, wood, gastropods, 1 blue crab

Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, vinyl siding, fiberglass, misc trash.

Seas choppy 1-2 ft. Clear.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Multiple empty rows for data entry.

Observers Names Kenneth Coonrod Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 02 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 976 - 977

Areas worked (stations, etc): Stations 5⁰⁰ to 100⁰⁰

Location, Lat/Long: N 29° 42.966 x W 93° 20.136

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 54-59 °C (°F) Wind Direction and Speed ESE 5-10 knots

WATER TEMP: Surface 55 °C (°F) Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, clay

Biotics - Bivalves, grass, wood, gastropods, 4 blue crabs

Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, vinyl siding, fiberglass, misc trash.

Seas choppy 1-4 ft. Clear.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Multiple rows for data entry.

Observers Names Kenneth Coonrod

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 03 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 978 - 979

Areas worked (stations, etc): Stations 5⁺⁰⁰ to 100¹⁰⁰

Location, Lat/Long: N 29 ° 44 . 420 x W 93 ° 20 . 496

Beaufort Sea State: 0 1 2 **3** **4** 5 6 7 8 9 10 11 12

AIR TEMP: 52-56 °C (**°F**) Wind Direction and Speed N 5-15 knots

WATER TEMP: Surface 56 °C (**°F**) Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, clay

Biotics - Bivalves, grass, wood, gastropods, 6 blue crabs

Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, vinyl siding, fiberglass, misc trash.

Seas choppy 2-4 ft. Clear.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>1000</u>	<u>T. truncatus</u>	<u>2 / 4</u>	<u>Inside the jetties while meeting crew boat</u>
<u>1000</u>	<u>White Pelicans</u>	<u>3 / 21</u>	<u>" "</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Kenneth Coonrod

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 04 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912PR-05-D-0005

Maintenance / New Work

Load #s: 980 - 981

Areas worked (stations, etc): Stations 5⁰⁰ to 100⁰⁰

Location, Lat/Long: N 29 ° 43 . 524 x W 93 ° 20 . 318

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 55-64 °C / **3** °F Wind Direction and Speed NNW 5-15 knots

WATER TEMP: Surface 56 °C / **3** °F Column (mid-depth) -- °C / °F Bottom -- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

- Materials Dredged - Mud, Silt, clay
- Biotics - Bivalves, grass, wood, gastropods, 9 blue crabs, 1 shrimp, black drum
- Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, vinyl siding, fiberglass, misc trash.
- Seas choppy 1-3 ft. Clear.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>

Observers Names Kenneth Conrad Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 05 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #: 982 - 983 Areas worked (stations, etc): Stations 5⁰⁰ to 100⁰⁰

Location, Lat/Long: N 29 ° 43 . 308 x W 93 ° 20 . 208

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 58-59 °C / **°F** Wind Direction and Speed NNE 10-20 knots

WATER TEMP: Surface 55 °C / **°F** Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, clay

Biotics - Bivalves, grass, wood, gastropods, 3 blue crabs, gulf kingfish

Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, vinyl siding, fiberglass, misc trash.

Seas choppy 2-4 ft. Fog.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>4 / 4-8</u>	<u>In the channel and dig site and dump site</u>
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____
_____	_____	_____ / _____	_____

Observers Names Kenneth Coonrod/Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 06 / 2008

Project Name: Calcasien Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 984 - 985 Areas worked (stations, etc): Stations 5⁹⁶ to 100⁴²

Location, Lat/Long: N 29° 42' 53.0" x W 93° 20' 15.0"

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 14.4-20 °C °F Wind Direction and Speed NNE 10-20 knots

WATER TEMP: Surface 12.7 °C °F Column (mid-depth) -- °C °F Bottom -- °C °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, clay
 Biotics - Bivalves, grass, wood, gastropods, blue crabs, black drum, bones, polychaetes, mantis shrimp
 Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, vinyl siding, fiberglass, misc trash
 Seas choppy 2-4 ft decreasing 1-3 ft in afternoon. Skies partly cloudy in morning to clear skies in afternoon as front moved into area. Fog finally cleared.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>T. truncatus</i>	>20 / 4-12	In the channel and dig site and dump site
		/	
		/	
		/	
		/	
		/	

Observers Names Kenneth Coonrod/Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 07 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 986 - 987

Areas worked (stations, etc): Stations 5⁰⁰ to 100⁰⁰

Location, Lat/Long: N 29° 43' .310 x W 93° 20' .300

Beaufort Sea State: 0 1 **2** **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 10.5-16.2 °C / °F Wind Direction and Speed NNE 5-20 knots

WATER TEMP: Surface 12.7 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay, Clay, and more Clay.

Bioties - Bivalves, grass, wood, gastropods, blue crabs, black drum, bones, tube worms.

Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, vinyl siding, fiberglass, misc Trash.

Seas slightly choppy 1-3 ft all day. Skies clear all day. Sunny, unlimited visibility.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals		Location/Comments
		>20	/ 4-12	
All day	<i>T. truncatus</i>	>20	/ 4-12	In the channel and dig site and dump site

Observers Names Kenneth Coonrod/Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb 7 08 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 988 - 989

Areas worked (stations, etc): Stations 5⁰⁰ to 100⁰⁰

Location, Lat/Long: N 29 ° 43 . 570 x W 93 ° 20 . 350

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 12.2-20.0 °C / °F Wind Direction and Speed E 10-20 knots

WATER TEMP: Surface 12.7 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Bivalves, grass, wood, gastropods, blue crabs, black drum, bones, tube worms,

Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, vinyl siding, fiberglass, oil filters, rubber, netting, crab traps, misc. Trash.

Seas slightly choppy 2-3 ft all day. Skies clear all day. Sunny, unlimited visibility.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, T. truncatus, >20 / 4-12, In the channel and dig site and dump site.

Observers Names Kenneth Coonrod/Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 09 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 990 - 991 Areas worked (stations, etc): Stations 5⁰⁰ to 100⁰⁰

Location, Lat/Long: N 29 ° 42 . 780 x W 93 ° 20 . 140

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 12.2-22.2 °C / °F Wind Direction and Speed ENE 10-15 knots

WATER TEMP: Surface 12.7 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Bivalves, grass, wood, gastropods, blue crabs, bones, tube worms.

Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, vinyl siding, fiberglass, glass, rubber, netting, misc. Trash.

Seas slightly choppy 1-3 ft all day. Skies clear to partly cloudy all day. Sunny, unlimited visibility.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>T. truncatus</i>	>20 / 4-12	In the channel and dig site and dump site
		/	
		/	
		/	
		/	
		/	

Observers Names Kenneth Coonrod/Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 10 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 992 - 993

Areas worked (stations, etc): Stations 5⁰⁰ to 100⁰⁰

Location, Lat/Long: N 29 ° 44 . 340 x W 93 ° 20 . 420

Beaufort Sea State: 0 1 **2** 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 12.2-24.4 °C / °F Wind Direction and Speed ESE 10-15 knots

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Bivalves, grass, wood, gastropods, blue crabs, bones, tube worms, black drum, shrimp (red hoppers).

Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, vinyl siding, fiberglass, glass, rubber, netting, Bucky the Lawn Ornament, .bmisc, Trash.

Seas slightly choppy 1-3 ft all day. Skies clear to partly cloudy all day. Sunny, unlimited visibility.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Kenneth Coonrod/Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb 7 11 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 994 - 995

Areas worked (stations, etc): Stations 5⁰⁰ to 100⁰⁰ and 280⁰⁰ to 400⁰⁰

Location, Lat/Long: N 29° 42' . 873 x W 93° 20' . 149

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 13.3-26.2 °C / °F Wind Direction and Speed ESE 10-15 knots

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Bivalves, grass, wood, gastropods, blue crabs, bones, tube worms, polychaetes.

Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, vinyl siding, fiberglass, glass, rubber, netting, misc. Trash.

Seas slightly choppy 1-3 ft all day. Skies clear to partly cloudy all day. Sunny, unlimited visibility.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Kenneth Coonrod/Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 12 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans

Dredge Name: M/V Columbia Dredge Firm: B + B

Contract #: W912P8-03-D-0005 Maintenance / New Work

Load #: 996 - 997 Areas worked (stations, etc): Stations 280⁰⁰ to 400⁰⁰

Location, Lat/Long: N 29 ° 42 . 873 x W 93 ° 20 . 149

Beaufort Sea State: 0 1 **2** 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 13.3-23.3 °C °F Wind Direction and Speed ESE to N 10-35 knots

WATER TEMP: Surface 13.3 °C °F Column (mid-depth) --- °C °F Bottom --- °C °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Bivalves, grass, wood, gastropods, bones, tube worms, polychaetes.

Abiotics - Plastic, cloth, fishing line, net, rope, tire, wire, metal scraps, aluminum cans, rubber, netting, misc.Trash.

Seas Calm 1-2 ft in morning with partly cloudy skies. Winds shifted to north in afternoon as showers and thunderstorms move rapidly into the area bringing high winds, some hail and lightning. Evening storms dissipated with occasional showers. High winds still present, temperature started to drop rapidly.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u><i>T. truncatus</i></u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>
		/	
		/	
		/	
		/	
		/	

Observers Names Kenneth Conrad/Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 13 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 998 - 999

Areas worked (stations, etc): Stations 280⁽⁸⁰⁾ to 400⁽⁶⁰⁾

Location, Lat/Long: N 29 ° 38 . 054 x W 93 ° 19 . 327

Beaufort Sea State: 0 1 2 3 **4** 5 6 7 8 9 10 11 12

AIR TEMP: 3.8-18.8 °C / **F** Wind Direction and Speed N 15-30 knots

WATER TEMP: Surface 13.3-13.8 °C / **F** Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Bivalves, grass, wood, gastropods, bones, shrimp.

Abioties - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, aluminum cans, rubber, netting, misc. Trash.

Seas 3-4 and choppy. Clear skies and sunny with constant wind and gusts.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time *</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u><i>T. truncatus</i></u>	<u>≥20 / 4-12</u>	<u>In the channel and dig site and dump site</u>

Observers Names Kenneth Coonrod/Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 14 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 1000 - 1001

Areas worked (stations, etc): Stations 280¹⁵⁰ to 400³⁰⁰

Location, Lat/Long: N 29° 39' 748 x W 93° 19' 737

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 15-18.8 °C / °F Wind Direction and Speed ESE 10-15 knots

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES --- NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.
 Biotics - Bivalves, grass, wood, gastropods.
 Abiotics - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, aluminum cans, rubber, netting, misc. Trash.
 Seas 2-4 and choppy. Clear skies and sunny with slight breeze.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>T. truncatus</i>	>20 / 4-12	In the channel and dig site and dump site

Observers Names Kenneth Coonrod/Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 15 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #s: 1002 - 1003 Areas worked (stations, etc): Stations 280th to 400th

Location, Lat/Long: N 29 ° 39 . 748 x W 93 ° 19 . 737

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 15-18.8 °C / °F Wind Direction and Speed ESE 10-15 knots

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) — °C / °F Bottom — °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Bivalves, grass, wood, gastropods, mantis shrimp.

Abiotics - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, aluminum cans, rubber, netting, misc. Trash.

Seas 2-4 and choppy. Overcast skies in evening with scattered showers and lightning.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>T. francatus</i>	>20 / 4-12	In the channel and dig site and dump site

Observers Names Kenneth Coonrod/Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb 26, 2008

Project Name: Culecien Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912PS 08 120007 Maintenance: N New Work: Y

Load #s: 1001 - 1004 Areas worked (stations, etc): Station 180 - 190

Location, Lat/Long: N 29° 07' W 90° 58' W 90° 58' W 90° 58'

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 15.0 °C (59.0) °F Wind Direction and Speed: ENE @ 8 mph (13 kts)

WATER TEMP: Surface 17.5 °C (63.5) Column (mid-depth) 17.5 °C (63.5) Bottom 17.5 °C (63.5)

Condition of deflector: Good (100%) Condition of screening: Good (100%)

Were there incidents involving endangered or protected species? YES N NO Y

Which species? (complete incident forms) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged: Med. Silt, Cl.

Reefs: Hydrus, grass, wood, protozoa, nematodes, mollusks, barnacles, sea urchins, sponges, and various other invertebrates.

Other: Plastic, cloth, fabric, metal, paper, metal, rocks, wood, metal, wood, aluminum, etc. - other material.

On 2/26/08 choppy in morning with partly cloudy skies. In afternoon, contrast between area with a strong westerly wind bringing high seas. Dredging operations suspended due to choppy seas and moderate weather expected throughout the evening. At 10:00 hrs. during load 1005, 13 muskrat, one muskrat pup and one muskrat pup were observed and returned to the river by hand personnel through the night.

SOUSIDENTES INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings	# Animals	Location/Comments
06:00-07:00	<i>Castor canadensis</i>	20	122	In the channel and in stream and loops etc.
07:00-08:00				
08:00-09:00				
09:00-10:00				
10:00-11:00				
11:00-12:00				
12:00-13:00				
13:00-14:00				
14:00-15:00				
15:00-16:00				
16:00-17:00				
17:00-18:00				
18:00-19:00				
19:00-20:00				
20:00-21:00				
21:00-22:00				
22:00-23:00				
23:00-24:00				

Observers Names: Gregory Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 17 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 1005 - 1006

Areas worked (stations, etc): Stations 280⁺⁰⁰ to 400⁺⁰⁰

Location, Lat/Long: N 29 ° 38 . 650 x W 93 ° 19 . 475

Beaufort Sea State: 0 1 2 3 **4** **5** 6 7 8 9 10 11 12

AIR TEMP: 15-19.2 °C / °F Wind Direction and Speed SE to 15-25 knots

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) — °C / °F Bottom — °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics – Bivalves, grass, wood, gastropods, mantis shrimp, tube worms and various other polychaetes.

Abiotics – Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, aluminum cans, rubber, netting, misc.Trash.

Seas 3-4 ft and choppy in morning with clear skies. Visibility unlimited all day. Afternoon to evening Wind picked up and sea began to become more choppy with seas 4-6 ft. Dredging operations resumed in the morning with the dumping of load 1005 at 0708.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
<u> </u>	<u> </u>	<u>/</u>	<u> </u>
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<u> </u>	<u> </u>	<u>/</u>	<u> </u>

Observers Names Terrance Todd

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 18 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 1007 - 1008

Areas worked (stations, etc): Stations 280⁺⁰⁰ to 400⁺⁰⁰

Location, Lat/Long: N 29 ° 38 . 650 x W 93 ° 19 . 475

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 10-15.5 °C / °F Wind Direction and Speed NNW to 15-25 knots

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics – Bivalves, grass, wood, gastropods, mantis shrimp, tube worms and various other polychaetes, jelly fish, black drum, bones.

Abiotics – Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, aluminum cans, rubber, netting, misc. Trash.

Clear skies and sunny with sea 2-5 feet all day. Breezy as mild cold front moved into area.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>
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Observers Names Terrance Todd

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 19 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #: 1009 - 1010

Areas worked (stations, etc): Stations 280⁽⁶⁰⁾ to 400⁽⁶³⁾

Location, Lat/Long: N 29° 38' 630" x W 93° 19' 475"

Beaufort Sea State: 0 1 2 3 **4** 5 6 7 8 9 10 11 12

AIR TEMP: 12.9-15.5 °C / °F Wind Direction and Speed ENE to 10-20 knots

WATER TEMP: Surface 13.3 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Lots of Clay.

Biotics - Bivalves, grass, wood, gastropods, mantis shrimp, tube worms and various other polychaetes, jelly fish, Mole crabs, bones.

Abiotics - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, aluminum cans, rubber, netting, misc. Trash.

Clear skies and sunny in morning turning mostly cloudy to overcast in afternoon. Sea 2-4 feet all day.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Terrance Todd

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 20 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #: 1011 - 1012

Areas worked (stations, etc): Stations 380th to 400th

Location, Lat/Long: N 29 ° 38 . 650 x W 93 ° 19 . 475

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 10.0-22.2 °C / °F Wind Direction and Speed SE to 10-20 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) -- °C / °F Bottom -- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Lots of Clay.

Biotics - Bivalves, grass, wood, gastropods, tube worms and various other polychaetes, jelly fish, bones.

Abiotics - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, copper, rubber, netting, misc.Trash.

Mostly cloudy throughout day. Sea 2-4 feet all day. In evening overcast skies with scattered showers and thunderstorms. Lunar eclipse.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>T. truncatus</i>	>20 / 4-12	In the channel and dig site and dump site

Observers Names Terrance Todd

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 21 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 1013 - 1014

Areas worked (stations, etc): Stations 280⁺⁰⁰ to 400⁺⁰⁰

Location, Lat/Long: N 29 ° 38 . 000 x W 93 ° 19 . 360

Beaufort Sea State: 0 1 2 3 **4** 5 6 7 8 9 10 11 12

AIR TEMP: 12.2.0-22.2 °C / °F Wind Direction and Speed SE to 10-20 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Lots of Clay.

Biotics – Bivalves, grass, wood, gastropods, tube worms and various other polychaetes, jelly fish, croaker bones.

Abiotics – Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, copper, rubber, netting, misc.Trash.

Thick fog in morning causing reduced visibility. Mostly cloudy and very humid throughout afternoon. Sea 2-4 feet all day. In evening overcast skies.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Terrance Todd

Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT**

DATE: Feb / 22 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 1015 - 1016 Areas worked (stations, etc): Stations 400⁺⁰⁰ to 545⁺⁰⁰

Location, Lat/Long: N 29 ° 36 . 000 x W 93 ° 18 . 000

Beaufort Sea State: 0 1 2 **3** 4 5 6 7 8 9 10 11 12

AIR TEMP: 10.0-20.4 °C/°F Wind Direction and Speed N to 5-15 knots

WATER TEMP: Surface 14.4 °C/°F Column (mid-depth) °C/°F Bottom °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Lots of Clay.

Biotics - Bivalves, grass, wood, gastropods, spider crabs.

Abiotics - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, copper, rubber, netting, misc. Trash.

Thick fog in morning causing reduced visibility. Dredging halted early morning due to fog til midmorning. Mostly cloudy and very humid throughout afternoon. Skies mostly cloudy in evening. Seas 2-3 ft all day.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>

Observers Names Terrance Todd

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 23 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 1017 - 1017 Areas worked (stations, etc): Stations 400+00 to 545+00

Location, Lat/Long: N 29° 36.000 x W 93° 18.000

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 12.2-22.8 °C °F Wind Direction and Speed N to ENE 5-15 knots

WATER TEMP: Surface 14.4 °C °F Column (mid-depth) °C °F Bottom °C °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Lots of Clay.
Biotics - Bivalves, grass, wood, gastropods, spider crabs.
Abiotics - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, copper, rubber, netting, misc.Trash.
Partly cloudy in morning. Clear skies in the afternoon and evening. Seas 1-3 feet all day. Went to dock for fuel and water late morning. Returned to site late afternoon to early evening and began load 1018.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, T. truncatus, >20 / 4-12, In the channel and dig site and dump site.

Observers Names Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 24 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 1018 - 1019

Areas worked (stations, etc): Stations 400¹⁰⁰ to 545¹⁰⁰

Location, Lat/Long: N 29 ° 36 . 120 x W 93 ° 17 . 950

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 12.2-22.8 °C °F Wind Direction and Speed ENE 5-10 knots

WATER TEMP: Surface 14.4 °C °F Column (mid-depth) °C °F Bottom °C °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Bivalves, grass, wood, gastropods, barnacles.

Abiotics - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, copper, rubber, netting, misc.Trash.

Partly cloudy in morning. Clear skies in the afternoon and evening. Seas 1-3 feet all day/

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Table with 4 columns: Time, Species, # Sightings/# Animals, Location/Comments. Row 1: All day, T. truncatus, >20 / 4-12, In the channel and dig site and dump site.

Observers Names Terrance Todd

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 25 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M.V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance New Work

Load #s: 1020 - 1020

Areas worked (stations, etc): Stations 400⁰⁰ to 545⁰⁰

Location, Lat/Long: N 29 ° 36 . 120 x W 93 ° 17 . 950

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 14.4-23.6 °C / °F Wind Direction and Speed Variable light winds

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) NA

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.
 Biotics - Bivalves, grass, wood, gastropods, barnacles, tube worms.
 Abiotics - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, copper, rubber, netting, misc. Trash.
 Foggy early morning to mid-afternoon becoming overcast skies in evening. Light wind with seas 1-2 ft and gentle chop. During load 1021, at 1449, down for fog and minor repairs. Resumed dredging around 1600 hrs.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>T. triticatus</i>	>20 / 4-12	to the channel and dig site and dump site

Observers Names Terrance Todd

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 26 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B - B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #s: 1021 - 1022 Areas worked (stations, etc): Stations 400^(m) to 545^(m)

Location, Lat/Long: N 29 ° 38 . 030 x W 93 ° 19 . 380

Beaufort Sea State: 0 1 2 3 **4 5** 6 7 8 9 10 11 12

AIR TEMP: 10.0-15.6 °C / °F Wind Direction and Speed ENE 15 - 30 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.
 Biotics - Bivalves, grass, wood, gastropods, barnacles, tube worms
 Abiotics - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, rubber, netting, misc. Trash.
 Cold front moving into area bringing strong winds and choppy seas 3 -6 ft. Clear to scattered clouds all day.
 NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Terrance Todd Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT**

DATE: Feb 27 2008

Project Name: Calcasieu Channel
 Dredge Name: M/V Columbia
 Contract #: W913P8-05-D-0005

USACE District: New Orleans
 Dredge Firm: B + B
 Maintenance X / New Work

Load #s: 1023 - 1024 Areas worked (stations, etc): Stations 5 (210) 100 (215) 545

Location, Lat/Long: N 29° 38' 03.0" W 93° 19' 38.0"

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 12.3-15.6 °C / °F Wind Direction and Speed: ENE 15-20 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.
 Biotics - Bivalves, grass, wood, gastropods, barnacles, tube worms, redfish.
 Abiotics - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, rubber, netting, misc. trash.
 Very nice day with unlimited visibility. Clear to scattered clouds all day. Seas 2-3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings	# Animals	Location/Comments
<u>All day</u>	<u><i>T. truncatus</i></u>	<u>20</u>	<u>3-12</u>	<u>In the channel and dig site and dump site</u>

Observers Names: Terrance Todd Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 28 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 1025 - 1026

Areas worked (stations, etc): Stations 5⁰⁰ - 210⁰⁰, 400⁰⁰ to 545⁰⁰

Location, Lat/Long: N 29° 38' .030 x W 93° 19' .380

Beaufort Sea State: 0 1 2 **3 4** 5 6 7 8 9 10 11 12

AIR TEMP: 12.3-15.6 °C / °F Wind Direction and Speed ENE 15 - 20 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Bivalves, grass, wood, gastropods, barnacles, tube worms, redfish.

Abiotics - Plastic, cloth, fishing line, net, rope, tire, rocks, wire, metal scraps, rubber, netting, misc. Trash.

Very nice day with unlimited visibility. Clear to scattered clouds all day. Seas 2-3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>

Observers Names Terrance Todd & Erica Sisson

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: Feb / 29 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 1027 - 1028

Areas worked (stations, etc): Stations 5⁰⁰ - 210⁰⁰, 400⁰⁰ to 545⁰⁰

Location, Lat/Long: N 29 ° 36 . 747 x W 93 ° 18 . 643

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 15.0-18.0 °C / °F Wind Direction and Speed S to E @ 5 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Bivalves, grass, wood

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc.trash.

Cloudy day with seas 2-3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>

Observers Names Erica Sisson

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 01 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 1029 - 1030

Areas worked (stations, etc): Stations 300⁰⁰ - 400⁰⁰

Location, Lat/Long: N 29° 38.442 x W 93° 19.396

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 15.6-18.3 °C / °F Wind Direction and Speed E to SSE @ 5 - 10 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Grass, bivalves, 2 blue crabs, wood, tubeworms, & mantis shrimp

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc.trash.

Overcast conditions with seas 2-3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	T. truncatus	>20 / 4-12	In the channel and dig site and dump site
		/	
		/	
		/	
		/	
		/	

Observers Names Erica Sisson

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 02 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 1021 - 1033

Areas worked (stations, etc): Stations 300⁰⁰ - 400⁰⁰

Location, Lat/Long: N 29 ° 38 . 442 x W 93 ° 19 . 396

Beaufort Sea State: 0 56 - 63 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 13.3-17.2 °C / °F Wind Direction and Speed SE @ 15 - 20 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Grass, bivalves, 1 blue crab, wood, tubeworms, & black drum

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc.trash.

Overcast conditions with seas 3-5 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>>20 / 4-12</u>	<u>In the channel and dig site and dump site</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Erica Sisson

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 03 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: N/A - N/A

Areas worked (stations, etc): N/A

Location, Lat/Long: N ° ' " x W ° ' "

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 13.3-17.2 °C / °F Wind Direction and Speed SE - NW @ 20 - 25 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Anchored all day due to weather
 Overcast conditions, raining off and on all day, with seas 5 - 6 ft.
 NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>

Observers Names Erica Sisson

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 04 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: N/A - N/A Areas worked (stations, etc): 5⁰⁰ to 205⁰⁰

Location, Lat/Long: N 29 ° 43 . 610 x W 93 ° 20 . 234

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 15.6-18.3 °C / °F Wind Direction and Speed WNW @ 5 - 30 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Anchored all morning due to weather. Started digging at 1408.

Gusty morning, settling down in the early afternoon, with seas 3 - 6 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>10 / 2 - 4</u>	<u>In the channel and dig site and dump site</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Erica Sisson

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 05 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans

Dredge Name: M/V Columbia Dredge Firm: B + B

Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #: 1034 - 1035 Areas worked (stations, etc): 5⁰⁰ to 205⁰⁰

Location, Lat/Long: N 29 ° 43 . 610 x W 93 ° 20 . 234

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 10.0-18.3 °C / °F Wind Direction and Speed W - S @ 5 - 15 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES --- NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Grass, bivalves, 2 blue crab, wood, & tubeworms

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc. trash.

Clear day with seas 2 - 3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>T. truncatus</i>	10 / 2-4	In the channel and dig site and dump site
		/	
		/	
		/	
		/	
		/	

Observers Names Erica Sisson Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 06 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #: 1036 - 1037 Areas worked (stations, etc): Sta 1025¹⁰⁰

Location, Lat/Long: N 29 ° 42 . 779 x W 93 ° 20 . 204

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 16.6-20.5 °C / °F Wind Direction and Speed SE @ 15 - 20 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES --- NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Grass, bivalves, 3 blue crabs, wood, & tubeworms

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc. trash.

Clear morning & afternoon, rain in the evening with seas 2 - 3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>10 / 2 - 4</u>	<u>In the channel and dig site and dump site</u>

Observers Names Erica Sisson Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT**

DATE: March / 07 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance / New Work

Load #s: 1038 - 1039 Areas worked (stations, etc): 5⁰⁰ to 205⁰⁰

Location, Lat/Long: N 29 ° 42 . 779 x W 93 ° 20 . 204

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 7.7-11.1 °C / °F Wind Direction and Speed NW @ 25 - 40 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Grass, bivalves, 3 blue crabs, wood, black drum, & tubeworms

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc trash.

Raining in the early morning, skies clearing in the afternoon, strong winds in the evening with seas 4 - 5 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>10 / 2-4</u>	<u>In the channel and dig site and dump site</u>
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		/	
		/	
		/	

Observers Names Erica Sisson Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 08 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #s: 1040 - 1041

Areas worked (stations, etc): 5⁰⁰ to 205⁰⁰

Location, Lat/Long: N 29 ° 42 . 779 x W 93 ° 20 . 204

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 7.2-21.1 °C / °F Wind Direction and Speed N - S @ 0 - 15 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Grass, bivalves, 5 blue crabs, wood, & tubeworms

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc. trash.

Clear skies with seas 1 - 2 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>T. truncatus</i>	10 / 2 - 4	In the channel and dig site and dump site

Observers Names Erica Sisson

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 09 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 1042 - 1043

Areas worked (stations, etc): 5⁰⁰ to 205⁰⁰

Location, Lat/Long: N 29 ° 43 . 947 x W 93 ° 20 . 391

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 11.7-18.3 °C / °F Wind Direction and Speed SE @ 15 - 20 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES --- NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Grass, bivalves, 7 blue crabs, wood, & tubeworms

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc. trash.

Clear skies with seas 2 - 3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>T. truncatus</i>	10 / 2-4	In the channel and dig site and dump site

Observers Names Erica Sisson

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 10 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance / New Work

Load #: 1044 - 1045

Areas worked (stations, etc): 5⁰⁰ to 205⁰⁰

Location, Lat/Long: N 29 ° 43 . 947 x W 93 ° 20 . 391

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 14.4-16.6 °C / °F Wind Direction and Speed SE @ 10 - 15 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Grass, bivalves, 5 blue crabs, wood, & tubeworms

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc. trash.

Clear skies with seas 2 - 3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>10 / 2-4</u>	<u>In the channel and dig site and dump site</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers Names Erica Sisson

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 11 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 1046 - 1047

Areas worked (stations, etc): 5⁰⁰ to 205⁰⁰

Location, Lat/Long: N 29 ° 44 . 287 x W 93 ° 20 . 459

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 14.4-15.5 °C / °F Wind Direction and Speed N @ 5 - 10 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES --- NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Grass, bivalves, 5 blue crabs, wood, & tubeworms

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc.trash.

Clear skies with seas 2 - 3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>10 / 2-4</u>	<u>In the channel and dig site and dump site</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Erica Sisson

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 12 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 1048 - 1049

Areas worked (stations, etc): 5⁰⁰ to 205⁰⁰, 10⁰⁰ to 150⁰⁰

Location, Lat/Long: N 29 ° 44 . 287 x W 93 ° 20 . 459

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 11.7-22.2 °C/°F Wind Direction and Speed NW - WSW @ 5 - 15 knots

WATER TEMP: Surface 14.4 °C/°F Column (mid-depth) — °C/°F Bottom — °C/°F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES — NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Grass, bivalves, 3 blue crabs, wood, & tubeworms

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc. trash.

Clear skies with seas 1 - 3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>T. truncatus</i>	10 / 2-4	In the channel and dig site and dump site

Observers Names Erica Sisson

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 15 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B Dredging
 Contract #: W012P8-06-D-0005 Maintenance / New Work

Load #: 1054 1055 Areas worked (stations, etc): 5 + 00 - 205 + 00

Location, Lat/Long: N 29 ° 44 ' 287 " x W 93 ° 20 ' 459 "

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: _____ °C / °F Wind Direction and Speed _____

WATER TEMP: Surface _____ °C / °F Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: Good (100%) Condition of screening: Good (100%)

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) _____

Comments (type of material, biological specimens, unusual circumstances, etc):

No incidents involving endangered or protected species

Dredged material: Mud, Clay

Biota: Blue crab, drum, grass

Abiota: Plastic, rope, netting, fishing line

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>

Observers Names To Tran Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 16 / 2008

Project Name: Calcasieu Channel
 Dredge Name: M/V Columbia
 Contract #: W912P8-05-D-0005

USACE District: New Orleans
 Dredge Firm: B + B
 Maintenance / New Work

Load #s: 1056 - 1057 Areas worked (stations, etc): 5⁽⁰³⁾ to 205⁽⁰³⁾ 10⁽⁰⁶⁾ to 150⁽⁰⁵⁾

Location, Lat/Long: N 29 ° 44 . 287 x W 93 ° 20 . 459

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 11.7-22.2 °C / °F Wind Direction and Speed NW - WSW @ 5 - 15 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES --- NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics -- Grass, bivalves, 3 blue crabs, wood, & tubeworms

Abiotics -- Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc. trash.

Clear skies with seas 1 - 3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>
<u>All day</u>	<u>T. truncatus</u>	<u>10 / 2-4</u>	<u>In the channel and dig site and dump site</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers Names Tu Tran

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 17 / 2008

Project Name: Calcasieu Channel USACE District: New Orleans
 Dredge Name: M/V Columbia Dredge Firm: B + B
 Contract #: W912P8-05-D-0005 Maintenance X / New Work

Load #s: 1058 - 1059 Areas worked (stations, etc): S¹⁰⁵ to 205¹⁰³, 10¹⁰¹ to 150¹⁰⁶

Location, Lat/Long: N 29 ° 44 . 287 x W 93 ° 20 . 459

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 11.7-22.2 °C / °F Wind Direction and Speed NW - WSW @ 5 - 15 knots

WATER TEMP: Surface 14.4 °C / °F Column (mid-depth) --- °C / °F Bottom --- °C / °F

Condition of deflector: Good 100% Condition of screening: Good 100%

Were there incidents involving endangered or protected species? YES --- NO X

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Materials Dredged - Mud, Silt, Clay.

Biotics - Grass, bivalves, 3 blue crabs, wood, & tubeworms

Abiotics - Plastic, cloth, fishing line, net, rope, rocks, wire, metal scraps, rubber, netting, misc. trash.

Clear skies with seas 1 - 3 ft.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
All day	<i>T. truncatus</i>	10 / 2-4	In the channel and dig site and dump site

Observers Names Tu Tran Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 18 / 2008

Project Name: Calcasieu Channel
 Dredge Name: M/V Columbia
 Contract #: W912P8-05-D-0005

USACE District: New Orleans
 Dredge Firm: B + B Dredging
 Maintenance / New Work

Load #s: 1050 Areas worked (stations, etc): 5+00 - 200+00

Location, Lat/Long: N ° x W "

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 57.9 - 67.8 °C / °F Wind Direction and Speed SSW @ 35 - 45 Kts

WATER TEMP: Surface 59 °C / °F Column (mid-depth) ----- °C / °F Bottom ----- °C / °F

Condition of deflector: Good (100%) Condition of screening: Good (100%)

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s)) -----

Comments (type of material, biological specimens, unusual circumstances, etc):

No incidents involving endangered or protected species
 Dredged material: Clay, mud
 Biota: blue crab, drum, grass
 Abiots: Trash, plastic, netting, fishing line

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>

Observers Names Tu Tran Observer Firm: Coastwise Consulting, Inc.

**ENDANGERED SPECIES OBSERVER PROGRAM
DAILY REPORT**

DATE: March / 20 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B Dredging

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 1081 - 1082 Areas worked (stations, etc): 15 + 00 - 70 + 00

Location, Lat/Long: N ° ' " x W ° ' "

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 57.9 - 67.8 °C / °F Wind Direction and Speed SSW @ 15 - 36 Kts

WATER TEMP: Surface 59 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good (100%) Condition of screening: Good (100%)

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s))

Comments (type of material, biological specimens, unusual circumstances, etc):

No incidents involving endangered or protected species

Dredged material: Clay, mud

Biota: blue crab, drum, grass

Abiota: Trash, plastic, netting, fishing line

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>

Observers Names Tu Tran Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 21 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B Dredging

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 1063 - 1064 Areas worked (stations, etc): 15 + 00 - 70 + 00

Location, Lat/Long: N ° ' x W ° ' "

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 52.9 - 67.8 °C / °F Wind Direction and Speed NNW @ 10 - 15 Kts

WATER TEMP: Surface 59 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good (100%) Condition of screening: Good (100%)

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s))

Comments (type of material, biological specimens, unusual circumstances, etc):

No incidents involving endangered or protected species
Dredged material: Clay, mud
Biota: blue crab, drum, grass
Abiota: Trash, plastic, netting, fishing line

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments

Observers Names Tu Tran

Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 22 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B Dredging

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #s: 1065 - 1066 Areas worked (stations, etc): 15 + 00 - 70 + 00

Location, Lat/Long: N ° ' " x W ° ' "

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 62.9 - 67.8 °C / °F Wind Direction and Speed NNW @ 10 - 25 Kts

WATER TEMP: Surface 59 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good (100%) Condition of screening: Good (100%)

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s))

Comments (type of material, biological specimens, unusual circumstances, etc):

No incidents involving endangered or protected species

Dredged material: Clay, mud

Biota: blue crab, drum, grass

Abiota: Trash, plastic, netting, fishing line

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>

Observers Names Tu Tran Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 23 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B Dredging

Contract #: W912P8-05-D-0005

Maintenance X / New Work

Load #: 1066 - 1068 Areas worked (stations, etc): 15 + 00 - 70 + 00

Location, Lat/Long: N ° ' x W ° '

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 52.9 - 67.8 °C / °F Wind Direction and Speed NNW @ 10 - 25 Kts

WATER TEMP: Surface 59 °C / °F Column (mid-depth) °C / °F Bottom °C / °F

Condition of deflector: Good (100%) Condition of screening: Good (100%)

Were there incidents involving endangered or protected species? YES NO

Which species? (complete incident form(s))

Comments (type of material, biological specimens, unusual circumstances, etc):

No incidents involving endangered or protected species

Dredged material: Clay, mud

Biota: blue crab, drum, grass

Abiota: Trash, plastic, netting, fishing line

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>

Observers Names Tu Tran Observer Firm: Coastwise Consulting, Inc.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

DATE: March / 24 / 2008

Project Name: Calcasieu Channel

USACE District: New Orleans

Dredge Name: M/V Columbia

Dredge Firm: B + B Dredging

Contract #: W912P8-0-D-0005

Maintenance / New Work

Load #: 1069 - _____ Areas worked (stations, etc): 15 + 00 - 70 + 00

Location, Lat/Long: N _____ ° _____ x W _____ ° _____

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 54.7 - 68.2 °C / °F Wind Direction and Speed ENE @ 5 - 15 kts

WATER TEMP: Surface 60.1 °C / °F Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of deflector: Good (100%) Condition of screening: Good (100%)

Were there incidents involving endangered or protected species? YES _____ NO x

Which species? (complete incident form(s)) n/a

Comments (type of material, biological specimens, unusual circumstances, etc):

No incidents involving endangered or protected species

Dredged material: mud, clay

Biota: grass, blue crab

Abiota: trash, plastic, fishing line

BRIDGE WATCH SUMMARY

<u>Time</u>	<u>Species</u>	<u># Sightings/# Animals</u>	<u>Location/Comments</u>

Observers Names Tu Tran Observer Firm: Coastwise Consulting, Inc.