ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre' Island

Project: _____

DAILY REPORT

Date Oct / 21 / 2001 Load Numbers 1-3

Area(s) Worked bouey # 2

Weather Conditions (incl. sea conditions) P Cloudy, sparse rain, wind 8-14 kts East

Range of Water Temp., Surface Lost Thermometer Below Mid-Depth Lost Thermometer

Condition and Effectiveness of Screening Screening good, except Port Aft Inflow which does not stay closed. Drag head tender notified. Starboard fore Inflow lid damaged but box still affective SIDE SPILLBOXES HAVE NO SCREENING

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: Mud + Clay. Also lots of Garbage like tires, ropes, + plastics.

Biological take very minimal: Welks and other various bivalves + univalves

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observer(s) on duty J.S. and N.Z.

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre' Island

Project: Port O'Connor

DAILY REPORT

Date Oct / 22 / 2001 Load Numbers 4-18

Area(s) Worked ~~[illegible]~~ Bouy 1-4

Weather Conditions (incl. sea conditions) Wind: South, 5-12 Kts Seas 3-6' Partial Cloudy

Range of Water Temp., Surface Lost Thermometer Below Mid-Depth —

Condition and Effectiveness of Screening Some clogging occurring. Port Aft inflow wan't stay all the way closed. All outflows have no screening SIDE SPILL BOXES

Are there incidents involving endangered or protected species? YES **NO**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: Mud & Clay

Biological Bycatch: 1 Catfish, Welks, Oystershells and other bivalves & univalves

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	2	Bouy # 3 12:03
St. me. Cannonball Jelly Fish	1000's	uncountable - they're everywhere

Observer(s) on duty J.S. & N.Z.

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre Island

Project: Port O'Connor

DAILY REPORT

Date Oct / 23 / 01 Load Numbers 19-32

Area(s) Worked buoy 1-4

Weather Conditions (incl. sea conditions) P Cloudy to Clear, Wind S-SW 4-22 kts Seas 3-

Range of Water Temp., Surface lost Thermometer Below Mid-Depth —

Condition and Effectiveness of Screening Some Clogging still occurring. Port Aft Inflow still not staying completely shut.

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: Clay & Mud - lots of trash

Biological Bycatch: 2 fish (1 mullet, 1 unknown)
Shells found: Oysters, Turbin, Tellin, Cockles, Welks, other various clams & univalves.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	3	all singles of STBD & Port sides

Observer(s) on duty Jason Scott Nikki Zavinsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre Island

Project: Port O'Connor

DAILY REPORT

Date Oct / 24 / 2001 Load Numbers 33-47

Area(s) Worked

Weather Conditions (incl. sea conditions) Windy, some rain, 6-22 kts NW

Range of Water Temp., Surface no Thermometer Below Mid-Depth

Condition and Effectiveness of Screening Port Aft Inflow still not staying closed

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: Clay, Mud

Biological Bycatch: very minimal
1 Sand shark
1 Sting Ray
1 Eel (released alive)

Shells: Welks, Oysters, periwhinkle, various other bivalves & univalves.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	8	all small groups (1 to 3) throughout day)
Sm (cannonball jellies)	1000's	

Observer(s) on duty Jason Scott, Nikki Zavinsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre Island

Project: Port O'Connor

DAILY REPORT

Date Oct / 25 / 01 Load Numbers 48-62

Area(s) Worked Bouys 1-4 Red side

Weather Conditions (incl. sea conditions) Wind: NE 13-32 kts, Clear (some rain), Seas 3-8'

Range of Water Temp., Surface — Below Mid-Depth —

Condition and Effectiveness of Screening Screening is effective. Some Clogging occurring due to Clay globs.

Are there incidents involving endangered or protected species? YES (NO)

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: Clay + Mud

Biological By-catch: 1 Fish (seen swimming in hopper)
1 Cannon ball Jelly fish

Shells: Welk, Oysters, moonsnail, mirex, drills, and other bivalves + univalves.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	6-9	near bouys 1-4
Cannonball Jelly fish	1000's	everywhere

Observer(s) on duty Nikki Zavinsky AND Jason Scott

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre Island

Project: P. O'C

DAILY REPORT

Date Oct / 26 / 01 Load Numbers 63 - 76

Area(s) Worked Bouys 1-4 and Jetti's

Weather Conditions (incl. sea conditions) Wind: NE 18-28 kts Clear to overcast Seas 3-

Range of Water Temp., Surface — Below Mid-Depth —

Condition and Effectiveness of Screening Screening is effective. The boxes clogged quickly and constantly while in the jettis Due to excess shell material. Each box was left slightly open to fix problem and still screen inflow

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: Clay + Mud

Biological By-catch: Very Minimal
1 Fish (12") in hopper swimming around
Shells: Welks, Moonsnails Olives, Oyster Drills, Oysters, cockles, Tellins, Arks, and other various bivalves.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	7-9	In Jetti's
Cannonball	50	off STBD side.

Observer(s) on duty Nikki Zavinsky And Jason Scott

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre Island

Project: P. O'C.

DAILY REPORT

Date October / 27 / 2001 Load Numbers 76-86

Area(s) Worked Bouys 1-4 and Jetti's

Weather Conditions (incl. sea conditions) Wind: NE 8-28 Kts

Range of Water Temp., Surface – Below Mid-Depth –

Condition and Effectiveness of Screening Some clogging still occurring, other wise screening still affective.

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: (Clay Mud Bouys 1-4) and (sand + Shells Jetti's)

Biological By-catch: Very Minimal
1 Cannonball Jellyfish
Shells: Welks, Moonsnails, Oyster Drills, Olives, Oysters, Cockles, Tellins, Ark and other various Bivalves

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	5	Jetti's (1) and bouys 1-4 (4)

Observer(s) on duty Nikki Zavinsky AND Jason Scott

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre Island

Project: Port O'Connor

WEEKLY SUMMARY

Dates Oct / 21 / 2001 (Sunday) - Oct / 27 / 2001 (Saturday) Load Numbers 1 - 86

Range of Water Temp., Surface No Thermometer (Lost 1st Day) Below Mid-Depth —

Areas Worked (lat/longs, stations) Bouys 1-4 and between the Jettis

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

Material @ Bouys 1-4 - Mud and Clay with lots of trash
@ between the Jettis - Sand and shells and shell fragments

Biological By-catch: (Very minimal) 4-5 Fish, 1 stingray, 1 eel, 1 sand shark, and 4-5 Cannonball Jellyfish.

Shells: Welks, moonsnails, Drills, Olives, Oysters, Cockles, Tellins, Arks, and other various bi and uni valves.

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
10 / 21	—	—	
10 / 22	Tt (2)	Cannonballs 1000's	
10 / 23	Tt (3)	—	
10 / 24	Tt (8)	Cannon balls (1000's)	
10 / 25	Tt (6-9)	Cannonball Jellys (1000's)	
10 / 26	Tt (7-9)	Cannonballs (50)	
10 / 27	Tt (5)		

Observers on duty Jason Scott AND Nikki Zavinsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre Island

Project: Port O'Connor / Matagorda

DAILY REPORT

Date Oct / 28 / 01 Load Numbers 87-95

Area(s) Worked Buoys 1-4

Weather Conditions (incl. sea conditions) Clear, Wind 8-23 kts SE to NW seas.

Range of Water Temp., Surface – Below Mid-Depth –

Condition and Effectiveness of Screening Some clogging still occurring so inflow boxes ofter have to be opened slightly during dredging

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material: Clay + Mud

Biological By-catch: Very minimal
2 Cat fish
Shells: Welks, Moonsnails, Oysters, oyster drill, olives, cockles, Arks, and other various bivalves + univalves.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	5	(Buoys 1-4)

Observer(s) on duty Nikkie Zavinsky AND Jason Scott

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre Island

Project: Port O'Connor – Matagorda

DAILY REPORT

Date Oct / 29 / 2001 Load Numbers 96-105

Area(s) Worked Bouys 1-4, Jetti's

Weather Conditions (incl. sea conditions) Clear E wind 0-18 kts

Range of Water Temp., Surface – Below Mid-Depth –

Condition and Effectiveness of Screening Some ~~#~~ Clogging still occurring. Traps on inflow left cracked open to allow flow

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material Buoys 1-4 – Mud & Clay
Jetti – Sand, Shell, Shell fragments

By-catch: Very Minimal
1 sting Ray
Shells: Welks, moonsnails, Olives, Drills, jingle, Oyster, Tellins, cockles, scallops, Arks

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	8-15	Mostly b/w the jetti's
Cannonball Jellies	100's	all over

Observer(s) on duty Jason Scott AND Nickie Zavinsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Padre Island

Project: Port O'Connor - Matagorda

WEEKLY SUMMARY

Dates Oct / 28 / 01 - Oct / 29 / 01 Load Numbers 87-105

Range of Water Temp., Surface - Below Mid-Depth -

Areas Worked (lat/longs, stations) Buoys 1-4, b/w Jettys

Are there incidents involving endangered or protected species? **YES** **NO**

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

End of operation 20:00

By-Catch: Very Minimal
1 Sting Ray
2 Catfish

Shells: Welks, moonsnails, Olives, Drills, Oysters, Cockles
Arks, Tellins

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
10 / 28	Tt (5)	Buoys 1-4
10 / 29	Tt (8-15) mostly in Jetty's	Cannonballs (100's)
/		
/		
/		
/		
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Observers on duty Jason Scott AND Nickie Zavinsky