

QAR#91

Project: ATCHAFALAYA

INCIDENT REPORT OF SEA TURTLE TAKE BY DREDGING ACTIVITY

Date 04 / 17 / 00 Time(24hr) 1950

Species of Turtle Taken Kemp's Ridley (Lepidochelys kemp)

Dredging Site (channel, port, etc.) ATCHAFALAYA

Location of Take: Latitude 29°41'27N Longitude 93°20'20W

Vessel Name and Company ATCHAFALAYA / B+B Dredging Inc.

Type of Dredging Activity Maintenance

Load # 177 Times: Start 1827 End 1944 Dump 1955

Sampling Method (overflow, inflow, etc.) Inflow

Samples Recovered From Port Aft

Condition of Screening Good

Draghead Deflector? Yes No

Condition of Deflector N/A

Weather Conditions Sunny w/ Haze - Sunset Tide 1.58

Water Temperature: Surface 71° Column 69° C or (circle one)

Condition of Specimen(s) Sampled Dead (fresh) - posterior portion of carapace including flippers (both hind) and tail. Portion of posterior plastron intact with section of meat.

Measurements--

Give estimate of entire carapace dimensions, as well as fragments sampled (in metric when possible, indicate if not):

Head Width

Plastron Length 9cm Width 15.5cm

Carapace S. L. Length S.L. Width

Carapace O.C. Length 22 1/2 cm O.C. Width 50.1 cm

Turtle Tagged? Yes No Tag # Tag Date

Comments Estimated ^{Total} O.C. width/Length 55-60 cm. After positive identification via Andrew Jackson, the animal was weighted to be deposited at dump site.

Photos were taken by both observers.

Observer's Name Chad Leedy / Airibe Jackson

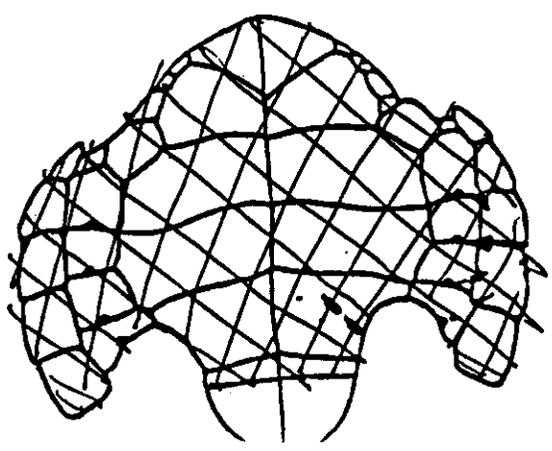
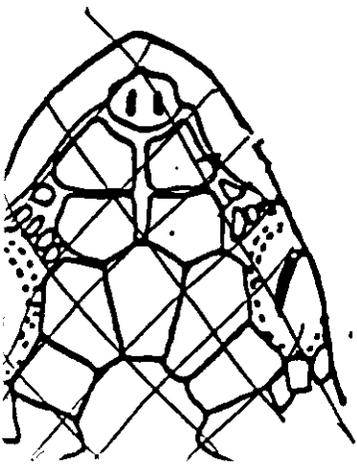
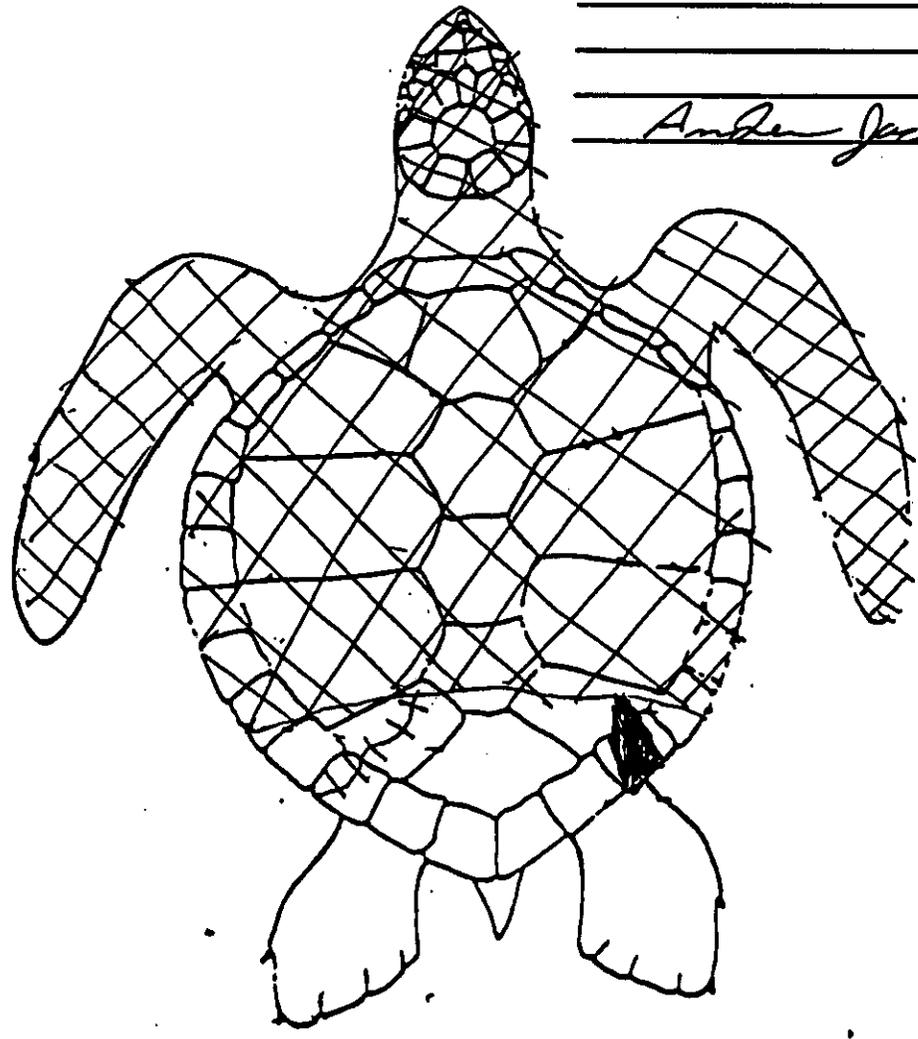
the areas of turtle which are missing. Sketch cracks and lacerations.

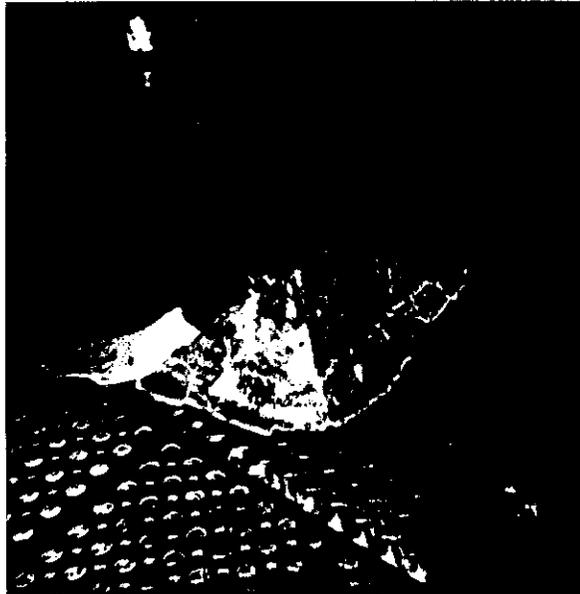
Comments: Posterior portion of carapace
+ plastron w/ both hind flippers.
Measurements of these sections
are:

Plastron Length 9cm Width 15.5cm
Carapace O.C. Length 22.5cm
O.C. Width 50.1cm

Total estimated width 55-60cm
Length 55-60cm

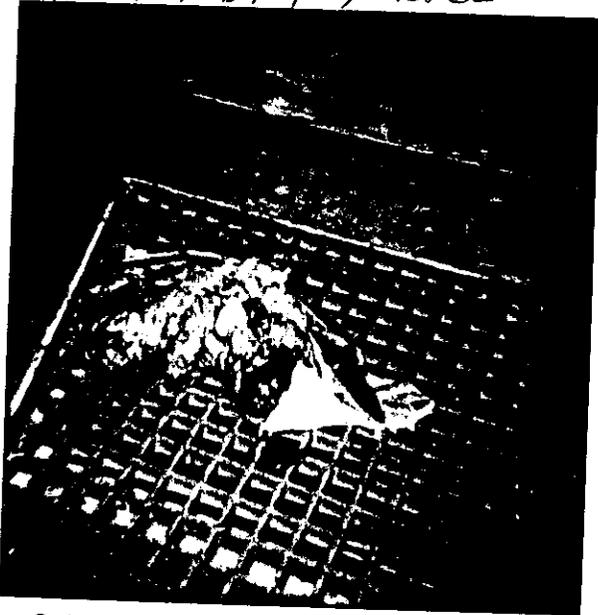
Anden Jackson Cit





KEMP RIDLEY TURTLE
DREDGE ATCHAFAALAYA
4/17/00 2015 CST
CALCASIEU SHIP CHAN STA. 222000 - 392100

KEMP RIDLEY TURTLE



DREDGE ATCHAFAALAYA
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KEMP RIDLEY TURTLE



DREDGE ATCHAFAALAYA
4/17/00 2015 CST
CALCASIEU SHIP CHAN STA 222000 - 392100

INSPECTORS QUALITY ASSURANCE REPORT (QAR)

QCR WILL BE ATTACHED TO OR FILED WITH THE QAR

DAILY LOG OF CONSTRUCTION -- CIVIL

(ER 415-1-302)

REPORT #: **091**

TO: Area Engineer, Lafayette Area Office
 CF: Chief Construction Division Chief Operations Division

DATE: **Monday**
17 April 2000

PROJECT: Calcasieu River & Pass 2000 Maintenance Dredging Bar Channel Hopper
 Dredge Rental #1-00, , Cameron Parish, La.

CONTRACT NUMBER
DACW 29-00-C-0016

CONTRACTOR (OR HIRED LABOR): **B + B DREDGING COMPANY**

WEATHER: **PC-Mild**

DREDGE : "ATCHAFALAYA". PROJECT SUPT: **Tim Ekern**

Seas: **1-2' Variable 5 Mph**

PORTION OF SCHEDULED DAY SUITABLE FOR OPERATIONS

TEMPERATURE

| | | | | |
|-----------------------|-------------------|------------------|----------|-----------|
| STRUCTURAL EXCAVATION | BORROW EXCAVATION | DREDGING 100% | CONCRETE | STRUCTURE |
|-----------------------|-------------------|------------------|----------|-----------|

| | |
|----------------------|----------------------|
| MINIMUM 65 | MAXIMUM 82 |
|----------------------|----------------------|

HAS ANYTHING DEVELOPED ON THE WORK WHICH MIGHT LEAD TO A CHANGE ORDER OR FINDING OF FACT?
 NO YES (Explain)

24 HOUR PRECIPITATION

| | |
|------------------------|----------------------------|
| INCHES 0.00" | ENDING 0000 Hrs. |
|------------------------|----------------------------|

NUMBER OF GOVERNMENT EMPLOYEES

RIVER STAGE

| | | | | | |
|-------------|--------|--------|------------------------|-------|-------------------|
| SUPERVISORY | OFFICE | LAYOUT | INSPECTION 1 | LABOR | TOTAL 1 |
|-------------|--------|--------|------------------------|-------|-------------------|

| | |
|----------------------|-------------------------|
| FEET +2.5' | TIME 0800 hrs |
|----------------------|-------------------------|

NUMBER OF CONTRACTOR'S EMPLOYEES

NUMBER OF SHIFTS

| | | | | | | | | | |
|----------------------------|--------------------------|----------|------------------------|---------------------|-------------------|---------------------|-------------------|------|----|
| SUPERVISORY 3-36 | SKILLED 14-168 | LABORERS | TOTAL 17-204 | FROM 0000 | TO 1200 | FROM 1200 | TO 2400 | FROM | TO |
|----------------------------|--------------------------|----------|------------------------|---------------------|-------------------|---------------------|-------------------|------|----|

Attach list of the following: (a) Major items of equipment either idle or working, and (b) Number and classification of contractor personnel onsite.
 Note: If the contractor's Quality Control Report (QCR) contains the information it need not be repeated.

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY:

a. PRIME: **B + B Dredging Company, Chicago, IL**

b.

c.

d.

Work Performed Today: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

Dredge "ATCHAFALAYA" in Agitation Mode, moved **33,027 cy**, from Sta. **220+00 to 392+00**, eastern 400' of channel, Assignment #4 and dumped **2 Loads (1560 cy)** in Disposal Area #1 on West Side of channel. *See QC Reports of Loads dumped. Dredge presently operating @ 100%. Some debris impact @ this time. Turtle Observers on board for 24-hour monitoring. Turtle Screens being cleaned every watch, (4) plus before each dump (2), Total: (6).

*A Kemps Ridley turtle was picked by draghead and discovered in turtle screen @ 2000 hrs

* No AD check survey taken.

Days of no Work and Reasons for Same:

None

Information on Progress of Work, Causes for Delays and Extent of Delays, Plant, Material, etc.

PERCENT COMPLETE **0.462 %** (Base Hours) Option: 0%* Dredging commenced @ 0651 hrs. on 26 Dec 1999.

AGITATED: Today: **33,027 cy** To Date: **2,711,654 cy**
 DREDGE/HAUL: Today: **1560 cy** LOADS: **2** To Date: **138,060 cy** Loads: **177**

EQUIPMENT: Hopper Dredge "ATCHAFALAYA", 1-Drag Arm, 21.5" Discharge- **1300 cy** Hopper Capacity.

Survey/Crew Boat: "Cane Elizabeth", with DGPS Positioning and Data Processing Equipment. **2-Vehicles** and Field Office.

CQC Inspection Phases Attended and Instructions Given:

Follow-Up: Inspections for Dredging Operations and Safety.

Results of QA Inspections and Tests, Deficiencies, Observed, Actions Taken and Corrective Action of Contractor Include Comment Pertaining to Contractor's CQC Activities.

QA inspections for ongoing work this period for this period shows satisfactory performance. Dredge in Agitation Mode in Assignment #4, with dredged material dumped into Disposal Area #1, on West Side of Channel. Dredge concentrating on C/L to East Toe @ this time. Debris impact minimal @ this time. Material disbursement **Good**; movement in westerly direction. Turtle Observers aboard dredge. Turtle Screens being cleaned/inspected every watch (4), plus before each dump (2) for a Total of 6 inspections per day. QAR was notified, via telephone @ 2015 hrs. that Kemps Ridley turtle had been found during the routine cleaning of the screens @ 2000 hrs., prior to dump of load #177. The remains were inspected and documentation was conducted with photographs. QAR will notify Lafayette Area Office tomorrow.

ENVIRONMENTAL: No Deficiencies noted this date.

Verbal Instructions Given to Contractor (include names, reaction and remarks)

Instructed Cap't Steve Taylor to document all inspections for turtle catch. He remarked he understood and would comply, accordingly.

Controversial Matters in Detail:

None

Information, Instructions or Actions Taken Not Covered in QCR Report or Disagreements:

Andrew Jackson and Chad Leedy, Turtle Observers aboard for 24 hr. monitoring.

Remarks: (Include visitors to project and miscellaneous remarks pertinent to work)

| NAME | DESIGNATION | HOURS AT SITE | DUTIES |
|-------------------|-------------------|---------------|--|
| Mayo J. Broussard | Project Inspector | 10 Hrs | Inspections, Surveys, Reports & Safety |

Safety: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken)

*Contractor conducted Weekly Safety Meeting and Drills. Topic: "Company Alcohol and Drug Policy". Check of personnel showed all wearing life vests, safety steel toed footwear, eye/ear protection where required and proper apparel. Good housekeeping being maintained aboard dredge. No action needed @ this time.

INSPECTOR'S SIGNATURE:

Mayo J. Broussard
Project Inspector

DATE

18 April 2000
Tuesday

SUPERVISOR'S INITIALS

DATE

4/21/00

USED HOPPER DREDGE (Supplement set)

DREDGE: "Atchafalaya", Bid Lot#10

PERIOD: (0000-2400)

Monday, 4/17/00

REPORT#: 91

CONTRACT#: Dacw 29-00-C-0016

1-Day Compilation

CONTRACTOR:

B + B DREDGING CO.

CALCASIEU RIVER and PASS

| EFFECTIVE WORKING TIME | AGITATE | DREDGE HAUL | TODAY | Monthly PREVIOUS | MONTHLY | To Date PREVIOUS | TODATE |
|-------------------------------------|--------------|--------------|--------------|------------------|---------------|------------------|----------------|
| Working 2 Pumps/2 Drags, 100% | | | | | | | |
| 10-c-1 PUMPING | 21:03 | | 21:03 | 323:45 | 344:48 | 1384:00 | 1728:48 |
| 10-c-1 TURNING | 01:12 | | 01:12 | 20:18 | 21:30 | 133:18 | 154:48 |
| 10-c-1 TO DUMP | 00:24 | | 00:24 | 05:08 | 05:32 | 23:39 | 29:11 |
| 10-c-1 DUMPING | 00:06 | | 00:06 | 01:39 | 01:45 | 07:06 | 08:51 |
| 10-c-1 TO CUT | 00:24 | | 00:24 | 05:48 | 06:12 | 24:18 | 30:30 |
| 10-c-2,3 OBSTRUCTION | | | 00:00 | | 00:00 | 39:47 | 39:47 |
| 10-c-4 TRAVEL TIME | | | 00:00 | | 00:00 | | 00:00 |
| 10-c-5 PROD. RATE TEST | | | 00:00 | | 00:00 | | 00:00 |
| 10-c-6 CLEAR TURTLE SCREEN | 00:51 | | 00:51 | 09:25 | 10:16 | | 10:16 |
| SUBTOTAL, 2Pumps/Drags, 100% | 24:00 | 00:00 | 24:00 | 366:03 | 390:03 | 1612:08 | 2002:11 |
| 10-d-1 TRAFFIC (80%) | | | 00:00 | | 00:00 | 00:43 | 00:43 |
| 10-d-3,4 WEATHER | | | 00:00 | 06:24 | 06:24 | 36:58 | 43:22 |
| 10-d-2 TRAVEL | | | 00:00 | | 00:00 | | 00:00 |
| SUBTOTAL, 2Pumps/Drags, 80% | 00:00 | 00:00 | 00:00 | 06:24 | 06:24 | 37:41 | 44:05 |
| Working 1 Pump/1 Drag, 60% | | | | | | | |
| 10-e-1 PUMPING | | | | | | | |
| 10-e-1 TURNING | | | | | | | |
| 10-e-1 TO DUMP | | | | | | | |
| 10-e-1 DUMPING | | | | | | | |
| 10-e-1 TO CUT | | | | | | | |
| 10-e-2,3 OBSTRUCTION | | | | | | | |
| 10-e-4 TRAVEL | | | | | | | |
| 10-e MISCELLANEOUS | | | | | | | |
| SUBTOTAL, 1 Pump/Drag, 60% | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| 10-f-1 TRAFFIC (48%) | | | | | | | |
| 10-f-1 WEATHER (48%) | | | | | | | |
| SUBTOTAL, 1 Pump/Drag, 48% | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 | 00:00 |
| NON-EFFECTIVE TIME (0%) | | | | | | | |
| 10-g-1 LAYOVER | | | 00:00 | | 00:00 | 06:51 | 06:51 |
| 10-g-2 REPAIRS | | | 00:00 | 06:50 | 06:50 | 50:16 | 57:06 |
| 10-g-3 FUEL/SUPPLIES | | | 00:00 | 03:43 | 03:43 | 42:13 | 45:56 |
| SUBTOTAL, (0%) | 00:00 | 00:00 | 00:00 | 10:33 | 10:33 | 99:20 | 109:53 |
| **TOTALS** | 24:00 | 00:00 | 24:00 | 383:00 | 407:00 | 1748:09 | 2156:09 |

| CONTRACT TIME | 100% | 80% | 60% | 48% | 0% | TOTALS |
|---------------|---------|-------|-------|-------|--------|---------|
| TIME TODAY | 24:00 | 00:00 | 00:00 | 00:00 | 00:00 | 24:00 |
| TO THE MONTH | 390:03 | 06:24 | 00:00 | 00:00 | 10:33 | 407:00 |
| TO DATE | 2002:11 | 44:05 | 00:00 | 00:00 | 109:53 | 2156:09 |

| CUBIC YARDS | TODAY | PRIOR | MONTHLY | PRIOR | TODATE | METHOD | Location |
|-----------------------------|------------------|---------------|----------------------|-----------------------|-----------------------|-----------------------------|-------------|
| AGITATION | 33,027 | 507,962 | 540,989 | 2,170,665 | 2,711,654 | AGITATE | Bar Channel |
| DREDGE & HAUL | 1560 | 25,740 | 27,300 | 110,760 | 138,060 | DUMP | Bar Channel |
| OPTION#4: Item #002: | 100% Time | 390:03 | \$500.00 | \$195,025.00 | \$1,385,860.00 | :\$ AVAILABLE (-) | |
| Sea Turtle Observers | 80% Time: | 06:24 | \$400.00 | \$2,560.00 | \$197,585.00 | :EARNINGS = | |
| \$300(Days)= | 60% Time: | 00:00 | \$300.00 | \$0.00 | \$1,188,275.00 | :(/) \$500.00 | |
| 2 | 48% Time: | 00:00 | \$240.00 | \$0.00 | 2376.55 | :Hours(/)- 24 | |
| \$300 | 0% Time: | 10:33 | Earnings= \$ | 197,585.00 | 99.0229167 | Days Left | |
| \$600.00 | | 407:00 | Total ToDate: | \$1,212,584.99 | 0.462 | :% Used | |

4. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Government personnel on construction deficiencies, retesting required, etc., with action to be taken.)

REPORT: 91
DATE: Monday 4/17/00

Mayo Broussard on site and provided with reports.

*Mr. Broussard instructed Cap't Steve Taylor to properly document inspection of turtle catch.

5. REMARKS: (Cover any conflicts in plans, specifications or instructions ; acceptability of incoming materials ; offsite surveillance activities ; progress of work, delays, causes and extent thereof ; days of no work with reasons for same.)

Dredging operations being conducted in satisfactory manner.
Still encountering debris in draghead.
Mayo Broussard informed, via telephone @ 2015 hrs. of turtle catch, found in turtle screens during routine inspection, prior to dump of Load#177.
The instructions he conveyed were conducted and also photos were taken. Will submit this documentation tomorrow for review.

| DREDGE TIME | Today (minutes) | Previous (minutes) | To Date (minutes) | To Date (hours) |
|----------------------|--------------------|-----------------------|----------------------|--------------------|
| Dredge @ 100% | 1440 | 118891 | 120131 | 2002.18 |
| Dredge @ 80% | 0 | 2645 | 2645 | 44.08 |
| Dredge @ 0% | 0 | 6593 | 6593 | 109.88 |
| Total Time: | 1440 | 127929 | 129369 | 2156.16 |
| Sea Turtle Observers | | 1 | 16 | 17 |

6. SAFETY: (Include any infractions of approved safety plan, safety manual or instructions from Government personnel. Specify corrective action taken.)

Conducted Weekly Safety Meeting with Drills, Topic: "Company Alcohol and Drug Policy"
Check of landers for turtle screen inspections shows to be properly mounted and secured.

INSPECTOR

CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above.

CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

| | | | | | | | |
|---|------------|-------------------------------|---|---|----------------------------|-----------------------------------|---------------|
| DAILY REPORT OF OPERATIONS - HOPPER DREDGES | | | | REPORTS CONTROL SYMBOL ENGCV-0-13 REPORT: 91 | | | |
| DISTRICT U.S. ARMY COE, NEW ORLEANS DISTRICT | | | | DREDGE M / V ATCHAFALAYA | | | |
| EXACT LOCATION OF WORK CALCASIE RIVER AND PASS, 2000 MAINTENANCE DREDGING CAMERON PARISH, LOUISIANA ASSIGNMENT #4, EAST SIDE | | | <div style="background-color: black; width: 20px; height: 10px; margin: 0 auto;"></div> MAINTENANCE <div style="border: 1px solid black; width: 20px; height: 10px; margin: 0 auto;"></div> NEW WORK | DATE Monday 4/17/00 | | | |
| | | | NUMBER OF PERSONS IN CREW 14 | | | | |
| AV LENGTH OF CUT | 17000 | FT | CHARACTER OF MATERIAL | | HOPPER CAPACITY | 1300 | CU YDS |
| AV WIDTH OF CUT | 400 | FT | DENSITY OF MATERIAL | 1450 | gms/liter | AV VOL OF BIN WATER | 0 |
| AV DIST TO DUMP | 1 | S MILE | DENSITY OF WATER | 1025 | gms/liter | AV UNFILLED CAPACITY | 0 |
| NAVIGATION AND OTHER DREDGING AIDS: (Describe and include statement on adequacy and recommendations.) | | | | | | | |
| RADAR, DIGITAL GYRO COMPASS INTERFACED WITH DIFFERENTIAL GPS, DISPLAYED WITH HYPACK | | | | | | | |
| WORK PERFORMED | | | | DRAFT FOR LOAD NO | | AVG | |
| DREDGING AND HAULING | | | AGITATING | | LIGHT | | LOADED |
| NO OF LOADS | TOT CU YDS | DISPOSAL AREA | TOT CU YDS | | FORWARD | 6.5 | 9 |
| 2 | 1580 | Near shore | Today: 33,027 | | AFT | 11.5 | 12 |
| | | | Prev: 2,678,627 | | DRAG DEPTH | | |
| | | | To Date: 2,711,654 | | INDICATORS LAST CHECKED ON | | |
| TOTAL | | | 177 | | GAS INJECTORS USED | | |
| | | | 138,060 | | 44 | | |
| DISTRIBUTION OF TIME | | | | | | | |
| | | AGITATING (Minutes) | | DREDGING AND HAULING (Minutes) | | MILES RUN (Stat. Miles) | |
| EFFECTIVE WORKING TIME | | | | | | | |
| PUMPING | | | | 21:03 | | 1263 | |
| TURNING | | | | 1:12 | | 72 | |
| TO DUMP | | | | 0:24 | | 24 | |
| DUMPING | | | | 0:06 | | 6 | |
| TO CUT | | | | 0:24 | | 24 | |
| TOTALS | | | | 23:09 | | 1389 | |
| NON-EFFECTIVE WORKING TIME | | | | | | | |
| TAKING ON FUEL AND SUPPLIES | | | | 0:00 | | | |
| TO AND FROM ANCHORAGE | | | | 0:00 | | | |
| LOSS DUE TO NATURAL ELEMENTS | | | | 0:00 | | | |
| LOSS DUE TO TRAFFIC AND BRIDGES | | | | 0:00 | | | |
| MINOR OPERATING REPAIRS | | | | 0:00 | | | |
| TRANSFERRING BETWEEN WORKS | | | | 0:00 | | | |
| LAY TIME | | | | 0:00 | | | |
| FIRE AND BOAT DRILLS | | | | 0:00 | | | |
| MISCELLANEOUS | | | | 0:51 | | 51 | |
| TOTALS | | | | 0:51 | | 51 | |
| LOST TIME | | | | | | | |
| MAJOR REPAIRS AND ALTERATIONS | | | | 0:00 | | | |
| CESSATION | | | | 0:00 | | | |
| COLLISIONS | | | | 0:00 | | | |
| TOTAL LOST TIME | | | | 0:00 | | 0 | |
| TOTAL TIME IN PERIOD | | 1440 | | | | | |
| AVERAGE SPEED OF DREGE | | | | MINUTES RADAR IN USE | | 0:00 1440 | |
| LOADING | | FEET / MINUTE | | TIDE DATA WAS OBTAINED BY MEANS OF | | | |
| AGITATING | | 200 | | GAGE: +2.5' Hazen electronic tide gauge at Pilot station, tide charts | | | |
| GALS OF FUEL OIL CONSUMED | | 1026 | | WEATHER: Winds: Var 5-10 Kts, Seas 1-2', PC | | | |
| GALS OF WATER CONSUMED | | 500 | | NUMBER OF INSPECTIONS BY SUPERVISORY PERSONNEL | | | |
| REMARKS: | | | | FIELD | | | |
| | | | | 0000-0600 | | Fair westerly set | |
| | | | | 0600-1200 | | Fair westerly set | |
| | | | | 1200-1800 | | Fair westerly set | |
| | | | | 1800-2400 | | Poor westerly set | |
| <p>Dredging operations, Satisfactory performance. Clean draghead & screens 61 min Debris impact minimal @ this time; mainly rope, net, line, plastic. *At 2000 hrs. during turtle screen inspection, prior to Dump Load#177, found Kemps Ridley partial remains. Proper procedures conducted and documented.</p> | | | | | | | |
| SUBMITTED BY: | | | | | | | |
|  | | | | | | | |

(SEE REVERDE SIDE)