APPENDIX F

SITE LOGBOOKS

9522769

"Rite in the Rain"®

ALL-WEATHER

JOURNAL

No. 391

DELTA SHIPYARD

PITS

RE ASSESSMENT

TO-0005.12-04-01

W/O #20406.012.005.0725.01

13000108

TO-0005-12-04-01

- START-3 HAS BEEN TASKED TO CONDUCT REMOVAL ASSESSMENT SAMPLING ACTIVITIES AT THE DELTA SHIPYARDS SITE IN HOUMA, TERREBONNE PARISH, LA (210 DEAN COURT, HOUMA, LA).
- SAMPLES TO INCLUDE SURFACE & SUBSURFACE ~~SOIL~~ SOIL SAMPLES, WATER SAMPLES, SEDIMENT SAMPLES & WASTE/SOIL SAMPLES.
- SEE QASP FOR SAMPLE LOCATION MAP & SAMPLING PROTOCOL.
- START TO PROVIDE FIELD LOE SUPPORT FOR HRS ASSESSMENT ACTIVITIES AS WELL, WHICH WILL BE CONDUCTED AT THE SAME TIME UNDER TDD TO-0019-11-10-01

TO-0005-12-04-01 8/5/12

1500 START: JEFF WRIGHT, ERIC BAY & ROBERT SHERMAN AT BATON ROUGE OFFICE TO LOAD EQUIPMENT.

1510 STARTS E. BAY & R. SHERMAN ENROUTE TO BR WAREHOUSE TO PICK UP ADDITIONAL SUPPLIES

1525 START LARRY HOWARD AT OFFICE, PACKING SAMPLE JARS INTO EMPTY COOLERS.

1610 R. SHERMAN & E. BAY BACK AT OFFICE, BEGIN LOADING REMAINING SUPPLIES.

1700 STARTS JEFF WRIGHT, R. SHERMAN, L. HOWARD & E. BAY DEPART BATON ROUGE OFFICE FOR HOUMA, LA. WILL SPEND THE N-GHT AFTER REVIEWING PLAN FOR SAMPLING ACTIVITIES.

1905 ARRIVE AT COMFORT INN & SUITES IN HOUMA, LA.

1945 STARTS J. WRIGHT, E. BAY R. SHERMAN & L. HOWARD MEET TO REVIEW HASP & TOMORROWS ACTIVITIES.

13000109

8/5/12 TO-0005-12-04-01

2030 START MARK BALHOFF IS FLYING INTO NEW ORLEANS & WILL MEET WITH MICHELLE BROWN AND THEN DRIVE TO HOUMA, LA.

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0705 STARTS JEFF WRIGHT, ROBERT SHERMAN, MARK BALHOFF, ERIC RAY & LARRY HOWARD DEPART HOTEL FOR DELTA SHIPYARD SITE.

0730 NEWPARK SUBCONTRACTORS & EDI CLAY COURVILLE ARRIVE ON SITE. NEWPARK WILL PROVIDE ROAD MATS FOR GEOPROBE ACCESS. EDI WILL PROVIDE GEOPROBE. START MICHELLE BROWN ALSO ON SITE.

0740 R. SHERMAN & M. BROWN ARE MARKING DITCH SAMPLE LOCATIONS.

0750 START WRIGHT PROVIDES SITE OVERVIEW WALK WITH NEWPARK & EDI PERSONNEL

0810 START WRIGHT & NEWPARK CREWS PROVIDE DAILY SAFETY MEETING. WEATHER - SUNNY HUMID & HOT HIGH IN LOW 90'S 40% CHANCE OF THUNDERSTORMS SCOPE OF WORK - NEWPARK TO LAY OUT MAT ROAD ACROSS DRAINAGE DITCH; EDI TO

8/6/12 TO-0005-12-04-01

0810 cont. use Swamp Master Geoprobe to collect subsurface soil samples. Start to process samples for shipment.

Physical Hazards - Heat Stress, Heavy Equipment, Pinch Points, Uneven Terrain.

Chemical Hazards - PAHs / Napthalenes, Lead, Chromium & Xylene.

Attendees	Signature
Jeff Wright	[signature]
Robert Sherman	[signature]
Larry Howard	[signature]
Eric Bay	[signature]
Mark Balhoff	[signature]
Michelle Brown	[signature]

0900 EDI setting up Geoprobe on DSE-04.

1025 Poor recovery on DSE-07 will use core catcher

1100 EDI collecting additional volume for DSE 04

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1155 Starts processing samples for DSE-7

1220 Break for lunch.

1305 Delivery samples DSE-04 & 7 to Mark Balhoff to complete CLP paperwork.

1330 Starts Brown & Sherman & EPA Brenda Cook processing sample DSE-10. Sample DSE-10 33-34 (~~Trip~~ Rinsate has also been collected.

14.5 EDI has moved to Pit 2 (DSE-02) to assess Geoprobes ability to collect sample

1500 Geoprobe was able to collect sample from middle of Pit 2 however it became stuck and had difficulty getting out. It is apparent that Geoprobe will not be able to access middle of pits. 11+C - Start E. Bay is at Motel assisting with sample management

13000111

8/6/12 TO-0005-12-04-01

1615 EDI continues to collect subsurface samples from Pit 2. Going to 12' bgs. Grey clay at 11-12',

1645 Sample cores (within tubes) appear to have oily contamination through = 8-10' bgs.

1730 Note - Michelle Brown is at motel to assist with sample management & packing. Sample DSE-02-~~24~~-413, DSE-02-48-413, DSE-02-72-413, DSE-02-96-413, DSE-02-120-413, DSE-02-144-413 were collected at 1640 (24+48), 1710 (72+96) & 1725 (120+144)

1800 Start wright at motel, sample management continues.

1845 J. Wright & L. Howard to Fed Ex with VOA samples other sample not ready.

1900 Arrive at Fed Ex. Drop off VOA samples. Fed Ex changed airbill due to "2 of 2".

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1935 Back at motel. Have meeting with sample management team to discuss improved communication & packing status to effectively process samples.

13000112

8/7/12 TO-0005-12-04-01

0640 STARTS J. WRIGHT, R. SHERMAN ARRIVE AT DELTA, SHIPYARD SITE. BEG. PREPARE SAMPLE PROCESS AREA.

0655 ETA BRENDA COOK & STATT M. BROWN ARRIVE ON SITE.

0705 START: L. HOWARD & E. BAY ON SITE. M. BALLIOFF REMAINS AT MOTEL TO PROCESS SAMPLES.

0730 J. WRIGHT CONDUCTS DAILY SAFETY MEETING. WEATHER MOSTLY SUNNY HUMID ~75°F HIGH IN LOW 90'S. PHYSICAL HAZARDS - HEAT STRESS, SLIP TRIP FALL, UNEVEN TERRAIN CHEMICAL HAZARDS. PAHs / NAPHTHALENE, LEAD, CHROMIUM & XYLENE

ATTENDEES	SIGNATURE
JEFF WRIGHT	
ROBERT SHERMAN	
LARRY HOWARD	
ERIC BAY	
Michelle Brown	
ERIK HADWIN	

TO-0005-12-04-01 8/7/12

0735 START ERIK HADWIN ARRIVES AT SITE, PROCEEDS TO COMFORT INN TO DROP OFF PRINTER PAPER

0740 EDT PREPARE EQUIPMENT FOR TODAY'S WORK.

0815 SET UP AT DSE-13

0845 STARTS R. SHERMAN + M. BROWN PROCESSING SAMPLES DSE-13-12-515, DSE-13-24-515 + DSE-13-48-515. SAMPLES LOCATED WEST OF PIT 3.

0900 PROCESS SAMPLES DSE-13-72-515 + DSE-13-96-515

0930 DELIVER DSE-13 SAMPLES TO MARK BALLIOFF (SAMPLE MANAGEMENT)

1000 START PROCESS/COLLECTING SAMPLE DSE-16

1030 STARTS WRIGHT PROVIDES DSE-16 SAMPLES (DSE-16-12-515, DSE-16-24-515, DSE-16-48-515) + DSE-72-515 + DSE-16-96-515) TO SAMPLE MANAGEMENT TEAM (M. BALLIOFF + E. BAY)

1045 STARTS ROBERT SHERMAN + ERIC HADWIN PROCESS SAMPLES DSE-06 SAMPLES

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1130 START PROCESSING SAMPLE DSE-08. EDI BREAKS FOR LUNCH.

1215 START WRIGHT PROVIDES SAMPLES DSE-16 + DSE-06 TO SAMPLE MANAGEMENT TEAM

1220 START WRIGHT COLLECTS RINSATE SAMPLE (FOR SOIL AFTER DSE-08)

1300 STARTS ON LUNCH BREAK.

1320 EDI TO RESUME GEOPROBE WORK IN PIT 1

1350 DENVER SAMPLES DSE-08 TO SAMPLE MANAGEMENT TEAM NO ADDITIONAL CLP SAMPLES WILL BE COLLECTED TODAY. NOTE: MICHELLE BROWN HAS BEEN ASSISTING WITH SAMPLE MANAGEMENT SINCE ≈ 1000

1400 EDI CONTINUES GEOPROBE SAMPLE COLLECTION TO DEPTH OF 12': WILL COLLECT FOUR SAMPLES (0'-12') FROM PIT 1. ONE FROM EACH CORNER.

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1530 EDI COMPLETES SUBSURFACE SAMPLE COLLECTION FROM PIT 1

1600 START E. HOWARD + L. HOWARD CUTTING OPEN CORES TO LOG.

1648 EDI OFFSITE FOR THE DAY.

1715 BACK AT HOTEL TO ASSIST WITH SAMPLE SHIPMENT PREP. SAMPLES + COC'S LISTED IN SAMPLE COLLECTION LOG.

8/8/12 TO-0005-12-04-01

0630 STARTS JEFF WRIGHT, ERIK HADWIN LARRY HOWARD, MARK BALDOFF & ERIC BAY MEETING AT MOTEL FOR MORNING SAFETY MEETING

WEATHER MOSTLY SUNNY HIGH ON LOW 90'S. 40% CHANCE OF THUNDERSTORMS. PHYSICAL HAZARDS - UNEVEN TERRAIN, SLIP/TRIP/FALL, HEAT STRESS

CHEMICAL HAZARDS PAHs/NAPHTHALENE LEAD, CHROMIUM & XYLENE

SCOPE OF WORK. WATER & SEDIMENT SAMPLING, SOIL & WASTE SAMPLING SAMPLE PROCESS & SAMPLE MANAGEMENT.

ATTENDEES	SIGNATURE
JEFF WRIGHT	[signature]
ERIK HADWIN	[signature]
LARRY HOWARD.	[signature]
ERIC BAY	[signature]
MARK BALDOFF	
Michelle Brown	[signature]
	[signature]

TO-0005-12-04-01 8/8/12

0645 STARTS WRIGHT & HADWIN AT DELTA-SHIPYARD SITE, BEGIN PREPING SAMPLE PROCESS AREA. START MICHELLE BROWN & EPA BRENDA COOK ALSO ONSITE.

0710 START MEETS WITH BOAT OPS CONTRACTOR (CHARLIE PHARR, JR) QUALITY MARINE, WHO WILL PROVIDE BOAT ACCESS TO WATER SAMPLE LOCATIONS.

0740 CONDUCT BOAT OPS MEETING. OBEY ALL BOAT CAPTAIN INSTRUCTION. WEAR LIFE JACKET. START SAMPLE TEAM WILL BE MICHELLE BROWN, LARRY HOWARD & EPA BRENDA COOK.

0745 STARTS E. BAY HAS BROUGHT WATER/SEDIMENT SAMPLING CONTAINERS.

0800 EDI (GEOPROBE CONTRACTOR) CLAY COURVILLE IS SET UP AT DSE-20 (SE OF PIT 3) TO COLLECT SUBSURFACE SAMPLE

0845 STARTS HADWIN PROCESSING SAMPLES FOR DSE-20 LOCATIONS

13000115

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0930 START WITNESS DELIVERS DSE-20 SAMPLES TO MOTEL ~~FOR~~ FOR SAMPLE MANAGEMENT PROCESSING. NOTE: START SARAH HITCHCOCK IS AT MOTEL TO HELP WITH SAMPLE SHIPMENT PREP.

0955 START WITNESS BACK AT SITE START E-HADWIN PROCESS/COLLECTING DSE-05 SAMPLES. EDI PREPARING EQUIPMENT TO ENTER AND SAMPLE PIT #3 AREA (DSE-03).

1030 EDI CONTINUE REPORTS THAT THEY ARE HAVING DIFFICULTY WITH SAMPLE RECOVERY AT STATION B (NE CORNER). ABLE TO GET CORE OF 2' TO 4' BUT AREA BETWEEN 4 TO 8 FEET IS VERY LOOSE & UNABLE TO RETAIN IN TUBE. WILL MOVE TO SOUTHEAST CORNER (STATION A).

1100 START HADWIN PROCESSING: 4'-6' (DSE-05-J2-515) & 6'-8' (DSE-05-96-515) SAMPLE SECTIONS.

1130 EDI CONTINUE STATES THAT SIMILAR RECOVERY PROBLEMS

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1130 CONT. AT STATION A OF PIT 3. SOME RECOVERY IN 0-4' SECTION, BUT LITTLE TO NO RECOVERY BELOW. THEY ARE ENCOUNTERING WOOD PEBBLES AT ABOUT 6' BGS. THE 0'-4' SECTION IS OILY IN APPEARANCE WITH A PETROLEUM ODOR. HS READING ABOVE BACKGROUND OF MULTI RAE.

1145 EDI MOVING GEOPROBE TO NW STATION C.

1200 START WITNESS DELIVERY SAMPLES DSE-05 TO MOTEL FOR PROCESSING

1230 WATER SAMPLE TEAM BACK AT MOTEL WITH WATER & SEDIMENT SAMPLES. COLLECTED SAMPLES FROM THE 6 MOST DOWNSTREAM LOCATIONS. WILL ATTEMPT TO COLLECT ADDITIONAL SAMPLES. START WITNESS INFORMED M. BROWN THAT THE AMOUNT OF SAMPLES CURRENTLY WITH SAMPLE MANAGEMENT TEAM WOULD BE ALL THAT COULD BE PROCESSED TODAY

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1230 cont - and shipped out today. M. Brown said she understood but EPA Cook wants to continue collection; even if all samples can not go out.

1235 Start Wright & Hadwin break for lunch.

1300 Starts Wright & Hadwin back to site. EDI continue saying that similar recovery results occurred at Stations C & D. He said that there may be a round roadway around the perimeter (inside) at a depth of 6 or 7 feet BGS. The pit area is too wet & sandy for geoprobe to access areas of the pit closer to the middle. Start Wright has requested that a 12' BGS core be collected just outside the SE corner (near DSE-20) to provide clay sample for logging.

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1330 EDI decon-ing swamp master. Will return equipment to Baton Rouge. EDI will bring smaller unit to complete geoprobe activities at DSE-11 & DSE-14. Will also collect approximately 4 cores along area between pits & company canal to log & identify ~~starting~~ size.

1400 Start Wright order 4 oz, 1-L poly, 8 oz & 40 ml vial along with 17 coolers & 200 zip-lock bags from Danny Newman. Have not received sample containers (except 4 oz). Call D. Newman for status.

1405 Start Wright called R. Sweeney to request he find lab in Baton Rouge to could provide 40 ml vial (w HCl) & 1-L poly (w HNO_3)

1415 Start sample management coordinator Mark Bancroft has asked for additional help preparing samples for shipment.

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1430 STARTS WRIGHT & HADWIN AT MOTEL TO ASSIST WITH SAMPLE SHIPMENT PREP.

1800 SAMPLE SHIPMENT PREP COMPLETED

1815 STARTS BAY & HOWARD TO FEDEX WITH ALL SAMPLES (21 COOLERS).

1830 START WRIGHT TO OFFICE DEPOT & WALMART FOR SAMPLES (2x4 LABELS), COOLERS & ZIPLOCK BAGS, WATER & GATORADE.

1930 MEET WITH E. BAY, & L. HOWARD TO PURCHASE COOLERS. BUY 27 COOLERS.

NOTE - E. HADWIN COMPLETED PROCESS SAMPLE DSE-05 SAMPLES (0'-2' & 2'-4'). SAMPLES WILL BE PLACE IN COOLER W/ICE & LOCK UP SECURE WITH SHIPMENT TOMORROW.

2010 BACK AT MOTEL TO OFF LOAD COOLERS.

2030 NOTE: HEWPARK REMOVED MAT ROAD PIECES & CONSOLIDATED ON SITE.

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0700 STARTS JEFF WRIGHT, ERIC HADWIN, ERIC BAY, LARRY HOWARD & MARK BANNOFF TO REVIEW TODAY'S WORK ACTIVITIES: SCOPE OF WORK - COMPLETE GEOPROBE CORING ACTIVITIES, COLLECT CORES FOR BORE LOGGING, COLLECT WATER & SEDIMENT SAMPLES. SAMPLE MANAGEMENT TEAM WILL BE MARK BANNOFF, ERIC BAY & SORELL HITCHCOCK, WATER/SEDIMENT SAMPLING TEAM WILL BE LARRY HOWARD, MICHELLE BROWN & EPA BRENDA COCK. SAMPLE PREPARED & COLLECTION TEAM IS ERIC HADWIN & JEFF WRIGHT. PHYSICAL HAZARDS SLIP/TRIP/FALL, BOAT OPS, HEAT STRESS. ~~CHEMICAL HAZARDS~~ BHA/HAPTHALENE, LEAD, CHROME & XYLENE. NOTE: AIR MONITORING WITH MULTI-RAE HAS SHOWN NO READINGS ABOVE BACKGROUND TO DATE.

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0700 cont'd Morning Has meeting

Attendees	Signature
Jeff Wright	
Erik Hadwin	
Larry Howard	
Eric Bay	
Mark Balkoff	
Michael Brown	

0715 Starts Wright & Hadwin to site for Geoprobe core sampling

0730 Starts Wright & Hadwin mark sample location DSE-11 & DSE-14. Also mark 5 locations (BL1-BL5) which will be used to log soil cores only (No sample collection).

0810 EDI Corey Scroggins & assistant on site with tractor Geoprobe

0830 Review site activities and sample locations with EDI.

0850 EDI set up at DSE-11.

0925 Start Wright received call from E. Hadwin. Sample from DSE-11 is visually contaminated from ~ 3 to 6.5 ft BGS.

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0925 cont'd. Therefore, DSE-11 sample ~~[illegible]~~ collection point will be moved further east towards company canal, since it is an extent of contamination sampled. It (DSE-11) will now be colocated with BL-3 location. The initial DSE-11 location (adjacent to Pit 2 berm) will now be named BL-6 and a well log survey will be conducted.

1030 Start Wright has delivered samples DSE-11-12-515, DSE-11-24-515 to sample management team at motel.

1118 Start Hadwin collecting sample DSE-11-72-515 & DSE-11-96-515

1130 EDI set up Geoprobe at DSE-14

1145 E. Hadwin collecting sampled DSE-14-12-515, DSE-14-24-515 & DSE-48-515

1220 M. Brown states that

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1220 CONT - BOAT OPS WATER & SEDIMENT SAMPLING HAS BEEN COMPLETED.

1230 RAIN & LIGHTNING IN DISTANCE. GEOPROBE WORK HALTED - 90 AT 1150.

1240 GEOPROBE RESUMES AT DSE-21 WHICH IS COLOCATED WITH BL-1 EAST OF DSE-05.

1300 M. BROWN PICKS UP DSE-14 RINSATE (COLLECTED AT 1235) ALONG WITH DSE 11-48-515 DSE-11-72-515, DSE-11-96-515, DSE-14-12-515, DSE-14-24-515, DSE-14-48-515, DSE-14-72-515, DSE-14-96-515 TO TAKE BACK TO SAMPLE MANAGEMENT TEAM.

1310 STARTS C. HADDON & L. HOWARD COLLECTING SAMPLES FROM DSE-21

1330 EPA BRENDA COOK AT SITE CP AREA. REVIEW CORE LOGGING LOCATIONS (BL-1 THRU BL-5) ALSO LOOK AT CORE FROM BL-6 (FORMER DSE-11 LOCATION)

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1345 EPA COOK & START WENT IN FIELD INSPECTING SAMPLE LOCATION DSE-11 & DSE-21 AS WELL AS WELL BORE LOGGING LOCATIONS BL-1 TO BL-5.

1355 EPA COOK STATES THAT DSE-18 SHOULD BE COLLECTED JUST WEST OF WEIR IN DRAINAGE DITCH, WOULD LIKE PHOTO DOC OF AREA PRIOR TO SAMPLING. DUE TO THE ACTUAL LOCATIONS OF DSE-14, DSE-11 & DSE-~~14~~ 21, HRS SAMPLES DSE-15, DSE-12 & DSE-19 WILL NOT BE COLLECTED. WILL USE DATA FROM DSE-14, DSE-11 & DSE-21. E. COOK ALSO STATES THAT SHE DOES NOT WANT DSE-09 SAMPLE (NOT REQUIRED) IN ADDITION, DSE-17 SHOULD BE COLLECTED WITH DRAINAGE PATHWAY BETWEEN DSE-16 & DSE-18

8/7/12 TO-0005-12-04-01

1410 STARTS J. WRIGHT, E. HADWIN LDEQ T. THIBODOUX & EPA COOK BREAK FOR LUNCH.

1445 EPA COOK DEPARTS FOR THE DAY. STARTS HADWIN & WRIGHT TO SITE TO MEET WITH EDI.

1500 EDI HAS COMPLETED COLLECTING BORE LOCKING CORES FROM BL1, BL2, BL-3, BL-4 & BL-5.

1520 EDI OFF SITE, WORK COMPLETED

1535 STARTS WRIGHT & HADWIN BACK TO MOTEL TO ASSIST WITH SAMPLE SHIPMENT PREP.

1700 START TEAM PREPARING SAMPLES FOR SHIPMENT. SEE SAMPLE COLLECTION LOG

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0755 STARTS WRIGHT, TJ BALHOFF, HADWIN & BAY MEET AT MOTEL FOR SITE MEETING. WEATHER MOSTLY SUNNY 77° HIGH TODAY IN MID 90's. SCOPE OF WORK COLLECT SOIL/SEDIMENT SAMPLES FROM DSE-17 & DSE 18 & DSW-01 DSW-02 ; LOCK CORE BORING BL-1 THRU BL-5 & DEMOB. PHYSICAL HAZARDS SLIP/TRIP/FALL HEAT STRESS. CHEMICAL HAZARDS PAHS/NAPHTHALENE, LEAD, XYLENE. NOTE BALHOFF & BAY TO REMAIN AT MOTEL TO PACK & PREPARE FOR SAMPLE SHIPMENT. M. BROWN TO MEET WRIGHT & HADWIN & HOWARD AT SITE TO COLLECT SAMPLES.

ATTENDEES	SIGN
JEFF WRIGHT	
ERIK HADWIN	
LARRY HOWARD	
ERIK BAY	
MATT BALHOFF	
MICHELLE BROWN	

13000121

8/10/12 TO-0005-12-04-01

0825 STARTS WRIGHT, HADWIN & HOWARD ARRIVE AT SITE.
A. BROWN ALREADY AT SITE.

0835 A. BROWN SHOWS L. HOWARD WHERE SAMPLE LOCATIONS DSW-01 & DSW-02 ARE LOCATED. STARTS WRIGHT, BROWN & HADWIN PREPARE TO COLLECT DSE-18 & DSE-17 -

0910 E. HADWIN COLLECTING DSE-18 FROM DRAINAGE PATHWAY JUST WEST OF METAL WEIR (NEAR PPE).

0920 E. HADWIN COLLECTING DSE-17 WEST OF DSE-18. THERE IS A SECOND WEIR ALONG THE DRAINAGE DITCH & DSE-17 IS COLLECTED ON THE WEST SIDE OF IT.

0945 STARTS HADWIN, BROWN & HOWARD PROCESSING SAMPLES. J. WRIGHT IS COLLECTING GPS COORDINATES FROM ALL POINTS

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1030 START BROWN & TRANSPORTING SAMPLES (DSE-18, DSE-17, DSW-01 & DSW-02) TO HOTEL FOR SAMPLE MANAGEMENT PROCESSING.

1045 START HADWIN & LOGGING CORES.

1100 START WRIGHT PACKING EQUIPMENT UP.

NOTE: LDEQ TODD TRIBODEAUX HAS BEEN ON SITE SINCE 0930.

1200 STARTS WRIGHT & HOWARD TO HOTEL TO CHECK OUT.

1245 BACK AT SITE TO FINISH PACKING UP. LDEQ HAS DEPARTED SITE

1320 START BROWN DEPARTS FOR N.O. AIRPORT

1331 START TEAM DEPARTS SITE FOR BATON ROUGE, LA -

SAMPLE COLLECTION LOG

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No. 391

DELTA SHIPYARD
PITS

TO-0005-12-04-01
W/O # 20406.012.005.0725.01

13000123

"Rite in the Rain"®
ALL-WEATHER WRITING PAPER

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Project

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CONTENTS

PAGE	REFERENCE	DATE
	- SAMPLES WERE SHIPPED TO THE FOLLOWING LABS:	
	MITKEM 175 METRO CENTER BLVD. WARWICK, RI 02886 401/732-3400 (ATTN: DAWNE SMITH)	
	CHEMTECH 284 SHEFFIELD ST. MOUNTAINSIDE, NJ 07092 908/789-8900 (ATTN: SNEHAL MEHTA)	
	USEPA REGION 6 10625 FALLSTONE RD. HOUSTON, TX 77099 (ATTN MYRA PACE)	

8/6/12 TO-0005-12-0401

Station No.	Date/Time	Full Scan	Comments
DSE-04-12-515	8/6/12 0955	Yes	Soil
DSE-04-24-515	0955	Yes	
DSE-04-48-515	0955	Yes	
DSE-04-72-515	1156	Yes	
DSE-04-96-515	1156	Yes	
DSE-07-12-515	1215		
DSE-07-24-515	1215		
DSE-07-48-515	1215		
DSE-07-72-515	1225		
DSE-07-96-515	1225		
DSE-10-12-515	1313		
DSE-10-24-515	1313		
DSE-10-48-515	1313		
DSE-10-72-515	1330		
DSE-10-96-515	1330	Yes	
DSE-07-96-~~445~~ 345	~~1155~~ 1048	VOAs	Trip Blank
DSE-10-96-335	1330	Yes	Rinsate
DSE-02-24-413	1640		Soil
DSE-02-48-413	1640		
DSE-02-72-413	1710		
DSE-02-96-413	1710		
DSE-02-120-413	1725		
DSE-02-144-413	1725	Yes	

NOTE - COC # 6-080612-171339-0007 (VOAs only) SHIPPED TO MITECH LAB ON 8/6/12; ALL OTHER ANALYSES SHIPPED ON 8/7/12: COC 6-080612-151202-0003 & 0004 TO CHEMTECH; 6-080612-151202-0001, 0002, 0005 & 0006 TO MITECH

TO-0005-12-04-01 8/7/12

Station No.	Date/Time	Comments
DSE-13-12-515	8/7/12 0845	Soil
DSE-13-24-515	0845	
DSE-13-48-515	0845	
DSE-13-72-515	0900	~~MS/MSD~~
DSE-13-96-515	0900	~~MS/MSD~~
DSE-16-12-515	0945	
DSE-16-24-515	0945	
DSE-16-48-515	0945	
DSE-16-72-515	1005	
DSE-16-96-515	1005	
DSE-06-12-515	1040	
DSE-06-24-515	1040	
DSE-06-48-515	1040	
DSE-06-72-515	1105	
DSE-06-96-515	1105	
DSE-08-12-515	1128	
DSE-08-24-515	1128	
DSE-08-48-515	1128	
DSE-08-72-515	1150	~~MS/MSD~~
DSE-08-96-515	1150	
DSE-~~08~~ 06-96-335	1230	Rinsate
~~DSE-01-24-413~~		~~8/7/12~~
~~DSE-01-48-413~~		~~8/7/12~~
DSE-01-72-413		8/7/12

8/7/12 TO-0005-12-04-01

Station No	Date/Time	Comment
~~DSE-01-96-413~~		
~~DSE-01-120-413~~		
~~DSE-01-144-413~~		
DSE-06-96-~~345~~ 335	8/7/12 1430	Rinsate
DSE-16-96-345	8/7/12 1048	Trip Blank

Note - VOAs Samples Were Shipped Via Fed Ex to MITKEM Lab in Warwick RI - COCs 6-080712-113951-0012 & 6-080712-133155-0016

— SVOA, Pest & ARO Fraction Shipped to MITKEM Lab in Warwick RI via Fed Ex COCs 6-080712-110632-0010; 6-080712-113755-0011, 6-080712-113951-0013 & 6-080712-141427-0018 & 6-080712-133154-0015

— Metal Analysis Fraction Shipped to Chem-Tech Lab in Mountain Side, NJ COCs 6-080712-121207-0014 & 6-080712-133159-0017

⊗ Note - Fed Ex Airbill Nos Listed on COCs

TO-0005-12-04-01 8/8/12

Station No	Date/Time	Comment
DSE-20-12-515	8/8/12 0830	Soil
DSE-20-24-515	0830	
DSE-20-48-515	0830	MS/MSD
DSE-20-72-515	0856	
DSE-20-96-515	0856	
DSE-20-96-525	0856	Dup
DSE-05-12-515	0940	
DSE-05-24-515	0940	
DSE-05-48-515	0940	
DSE-05-~~48~~ 24-90-525	0940	~~Dup~~ Outlet Dup
DSE-05-72-515	1100	
DSE-05-96-515	1100	
DSE-05-96-345	1200	~~Rinsate~~ Trip Blank
DSE-03-24-413	1815	Pit Waste
DSE-03-48-413	1815	Pit Waste
DSE-01-24-413	1524	Pit Waste
DSE-01-48-413	1524	Pit Waste
DSE-01-72-413	1547	Pit Waste
DSE-01-96-413	1547	Pit Waste
DSE-01-120-413	1605	Pit Waste
DSE-01-144-413	1605	Pit Waste

Waste Samples Submitted to EPA Reg. 6 Lab Via Fed Ex COCs 6-080812-080945-0019, 6-080812+081005-0020; ~~6-080812-105140-0021~~

13000126

8/8/12 TO-0005-12-04-01

- SVOAs, PEST./ARO SHIPPED TO MITKEM LAB VIA FEDEX COC# 6-080812-105140-0021, ~~0022~~ & 6-080812-123328-0022
- VOAs SHIPPED TO MITKEM LAB VIA FEDEX COC# 6-080812-124818-0023
- METALS SHIPPED TO CHEMTECH LAB VIA FEDEX COC# 6-080812-125833-0024 & 6-080812-141612-0025

NOTE- FEDEX AIRBILL NOS. LISTED ON COCs.

HRS ASSESSMENT SAMPLES 8/8/12

STATION NO.	DATE/TIME	MATRIX	COMMENT
HNC-05-00-112	8/8/12 0830	W	
DC-01-00-111	0930	W	
HNC-04-00-112	1000	W	
HNC-03-00-112	1030	W	
HNC-02-00-112	1100	W	
HNC-01-00-112	1130	W	
DSE-20-96-435	1200	W	RINSATE
BLC-04-00-112	1505	W	
HNC-05-03-612	0850	SED.	
DC-01-03-611	0940	SED.	
HNC-04-03-612	1010		
HNC-03-03-612	1040		
HNC-02-03-611	1110		
HNC-01-03-611	1145		
BLC-04-03-612	1515		
HNC-01-00-515	1500	SED.	TRIP BLANK
HNC-05-03-612	0850		
HNC-04-03-612	1010		
HNC-03-03-612	1040	SED.	

NOTE- WATER SAMPLES WERE SUBMITTED TO MITKEM LAB VIA FEDEX UNDER 9 COCs 6-080812-164107-0032

13000127

8/8/12 HRS Assessment Cont

6-080812-154825-0028, 6-080812-154825-0027, 6-080812-154526-0026, 6-080812-163329-0030, 6-080812-163104-0029 6-080812-164324-0033, 6-080812-165507-0035 + 6-080812-163534-0031

- Sediment Samples were shipped via Fed Ex to Mitkem Lab COCs 6-080812-164704-0034; 6-080812-171103-0036; 6-080812-171439-0037 + 6-080812-172115-0038 + 6-080812-172158-0039.

Note- Fed Ex Airbill Nos Listed on COCs.

TO-0005-12-04-01 8/9/12

Reassessment Samples

Station No.	Date	Time	Comment
DSE-11-12-515	8/9/12	10:15	All Soil Samples
DSE-11-24-515		10:15	
DSE-11-48-515		10:15	
DSE-11-72-515		1118	
DSE-11-96-515		1118	
DSE-14-12-515		1145	
DSE-14-24-515		1145	
DSE-14-48-515		1145	Dup (-525)
DSE-14-72-515		1240	
DSE-14-96-515		1240	Trip Blank (-435)
DSE-21-12-515		1305	
DSE-21-24-515		1305	
DSE-~~21-48~~ 21-48-515		1305	
DSE-21-72-515		1330	
DSE-21-96-515		1330	
DSE-21-96-432		1098	(Trip Blank)
DSE-14-96-445	8/9/12	1235	Rinsate Blank

- VOA Fraction shipped to Mitkem Lab via Fed Ex COCs 6-080912-161411-0058 + 6-080912-161411-0059

- SVOA Fraction shipped to Mitkem Lab via Fed Ex COCs 6-080912-131553-0051; 6-080912-132428-0053; 6-080912-141551-0054

8/9/12 TO-0005-12-04-01

REASSESSMENT SAMPLES CONT

-6-080912-154108-0056 + 6-080912-154441-0057

METALS WERE SHIPPED TO CHEMTECH LAB VIA FED EX. COCs 6-080912-132305-0052 + 6-080912-165221-0060

HRS SAMPLE COLLECTION LOG

STATION NO.	DATE/TIME	COMMENTS
MPC-01-00-111	8/9/12 0815	WATER
BLC-03-00-112	0835	
BLC-02-00-111	0910	
BLC-01-00-111	0930	
CC-04-00-112	0955	
CC-04-00-122	1005	
CC-01-00-111	1110	
CC-02-00-112	1050	
CC-03-00-112	1030	WATER
CC-01-00-441	8/9/12 1400	TRIP BLANK

VOA FRACTION SHIPPED VIA FED EX TO MITREM LAB COCs 6-080912-143042-0055

SVOA FRACTION SHIPPED TO MITREM LAB COCs 6-080912-073707-0040, 6-080912-101823-0043, 6-080912-115337-0044

8/9/12

HRS SAMPLE LOG CONT

SVOA - COCs 6-080912-121032-0045, 6-080912-125240-0046, 6-080912-125823-0047, 6-080912-131309-0050 6-080912-130558-0049 + 6-080912-130234-0048

METAL FRACTION SHIPPED VIA FED EX TO EPA REGION 6 LAB. COCs 6-080912-170108-0061 + 6-080912-170443-0062.

HRS SEDIMENT SAMPLES

STATION NO.	DATE/TIME	COMMENT
MPC-01-03-611	8/9/12 0830	SEDIMENT
BLC-03-03-612	0840	
BLC-02-03-611	0915	
BLC-01-03-611	0940	
CC-04-03-612	1000	
CC-04-03-622	1010	DUP.
CC-03-03-612	1035	
CC-02-03-612	1100	
CC-01-03-611	1115	SEDIMENT
CC-04-03-442	8/9/12 1300	TRIP BLANK

VOA FRACTION SHIPPED VIA FED EX TO MITREM LAB. COC# 6-080912-091521-0042.

8/9/12 HRS SAMPLES

SVOA FRACTION SHIPPED TO MITKEM LAB COCs 6-080912-131553-0051 & 6-080912-132428-0053

METAL FRACTION - SHIPPED TO EPA REGION 6 LAB VIA FED EX. COCs 6-080912-170443-0062 & 6-080912-090801-0041

NOTE - FED EX AIRBILL NOs LISTED ON COCs.

TO -0005-12-04-01

REASSESSMENT SAMPLES 8/10/12

STATION NO.	DATE/TIME	COMMENTS
DSW-01-01-513	8/10/12 0905	Soil
DSW-01-01-523	0910	Dup
DSE-18-01-514	0915	
DSE-17-01-514	0925	
DSW-02-01-513	8/10/12 0925	
DSW-01-01-454	8/10/12 1015	WATER FIELD BLANK
DSE-17-01-444	8/10/12 1100	TRIP BLANK

VOA FRACTION - SHIPPED VIA FED EX TO MITKEM LAB COC 6-081012-095444-0064

SVOA FRACTION - SHIPPED TO MITKEM LAB VIA FED EX COC "6-081012-095439-0063

METALS FRACTION - SHIPPED TO CHEM-TECH LAB VIA FED EX. COC# 6-081012-095716-0068

NOTE - FED EX AIRBILL NOs LISTED ON COCs.

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TODD THIBODEAUX
Environmental Scientist
Office of Environmental Assessment
Louisiana Department of Environmental Quality

Remediation Services Division
Post Office Box 4314
Baton Rouge, LA 70821-4314

(225) 219-~~3225~~ 3516
Fax: (225) 219-3239
e-mail: Todd.Thibodeaux@la.gov

13000100

01-09-12 TO-0019-11-10-01

12:45 Arrive at New Orleans.
15:00 Arrive at Terminal Rd. 30°0'3"N, 90°0'35 W. Drive to end of gravel Rd. on south end flatbed storage Crescent Crown Distributing at 29°59'59"N, 90°05'55"W on east side of Terminal Rd. ——— mg

1400 Arrive at Former Recoil Corporation - 4150 Paris Rd. 29°57'37"N, 89°57'20" W. Abandoned orange bldg. with garage door bays. Only other bldgs. in area include St. Bernard Parish government bldgs., possibly maintainance facility. —
1800 Arrive at hotel in Houma, LA. ——— mg

Michelle Gran

01-10-12 TO-0019-11-10-01

10:30 Arrive at Delta Shipyard. M. Brown (START) Brenda Cook (EPA). Meet LDEQ personnel Todd Thibidaux, John Hall View pits which are currently dry. Pits look muddy with with crusty areas. Depth unknown, but est. 10-12' deep. LDEQ concerned w/ flooding + proximity to waterway. Based on a gentleman driving by, property currently owned by EBI. Believe 4th pit remediated, or dug up — that pit on private property. No vegetation currently growing on any of the three existing pits observed. LDEQ looking at treating in place, possibly solidifying. Need historical aerials, current property owners, current property boundaries. Shaun + Elisha w/ EBI on property checking to

Michelle Gran

01-10-12 TO-0019-11-10-01

see what we are doing.
Property actually owned
by Lee Dean, Elisha's
grandfather. 4th pit
not known about.
Ken Saraney w/ EBI
2 25 yrs. here probably
has historical knowledge.
Alicia Dean-Nettles
985 855 0112, 373-4275
cell numbers for current
access.
G+H Barges use waterway.
Shawn Nettles other contact.
Possible sampling in
March/April of this year
1134 Property on water
boundary to the south for sale -
Century 21 Action Realty
868-43-46663. Currently
F+M Mafco resides on.
1140 Overflow weir at
south end of last pit,
observed. Also observe hose
coming out of bottom of

Michelle Brown

01-10-12 TO-0019-11-10-01

berm on south end. Have
series of valves to control
water level within pits.
1203 Depart Delta Shipyard.
1400 Arrive at Cambridge Dr
in LaPlace, LA. Find empty
fenced property that could
have been former treatment
plant. All other properties
along Cambridge residential
or commercial. Find current
water trmt. plant where
Cambridge dead ends onto
Woodland Dr.
1500 Depart Laplace, LA
for New Orleans airport.

Michelle Brown

06 MB
08-~~03~~-12 TO-0019-11-10-01

0730 START-3 M. Brown arrives on site at Delta Shipyard. Meets START-3 representatives J. Wright, R. Sherman, E. Bay + L. Howard. Subcontractors on site for geo-probe drilling + laying down tracks to access locations.

0800 HTS tailgate meeting conducted. Logged in seperate logbook for removal tasking.

0955 Sample DSE-04 collected. Details in removal log. All sample collection details will be part of a seperate logbook.

Michael Brown

08-08-12 TO-0019-11-10-01

0730 START-3 M. Brown + Larry Howard meet EPA Brenda Cook and subcontractor S. Miguez with Quality Marine Service Inc. at public boat docks to conduct surface water sampling.

0830 Arrive at sampling location HNC-05. The furthest downstream sample location within the Houma Navigation Canal. Lat. 29.537762, Long. -90.70495. Collect surface water sample.

0850 Collect sediment sample from location HNC-05

0930 Arrive at sample location DC-01, a background sample location in ship channel off Dickson. Lat 29.545533, Long -90.70285. Collect surface water sample.

0940 Collect sediment at location DC-01.

Michael Brown

08-08-12 TO-0019-11-10-01

10:00 Arrive at sample location HNC-04 located within the Houma Navigation Canal at Lat 29.550129, Long. -90.704244. Collect surface water sample.

10:10 Collect sediment sample from location HNC-04.

10:30 Arrive at sample location HNC-03 located within the Houma Navigation Canal ~~doing~~ upstream of HNC-04 at Lat. 29.552666, Long. -90.70714. Collect surface water sample.

10:40 Collect sediment sample from location HNC-03.

11:00 Arrive at sample location HNC-02 located within Houma Navigation Canal before confluence with Bayou La Carpe. This is a background location at Lat. 29.55591, Long. -90.707648. Collect surface

Michelle Gra

08-08-12 TO-0019-11-10-01

water sample.

11:10 Collect sediment sample at location HNC-02.

11:30 Arrive at sample location HNC-01. This location is within the Houma Navigation Canal mid-point between the Intercoastal Waterway + confluence with Bayou La Carpe. This is a background location at Lat. 29.562787, Long. -90.711756. Collect surface water sample.

11:45 Collect sediment sample at location HNC-01.

12:00 Break for lunch. Weather turns bad and thunderstorms enter the area. Wait for weather to clear to conduct further sampling on water.

14:30 Return to water to conduct further sampling.

Michelle Gra

08-08-12 TO-0019-11-10-01

Due to time, only one more sample will be collected for the day.

1505 Arrive at sample location BLC-04 within Bayou La Carpe. This location has additional volume collected at it for MS/MSD QC. Location at Lat. 29.55789, Long. -90.70390. Surface water sample collected.

15:15 Sediment sample collected from BLC-04.

15:30 Return to boat dock. Complete sampling for day. Get sample location BLC-04 to hotel for sample processing.

Michelle Brown

08-09-12 TO-0019-11-10-01

07:30 START-3 M. Brown, L. Howard + EPA B. Cook arrive at Houma public boat dock to meet Quality Marine Service representative S. Miguez. Depart to begin surface water pathway sampling for the day.

08:15 Arrive at sample location MPC-01 located within a ship channel off Main Port. This is a background location at Lat. 29.55879, Long. -90.70216. Collect surface water sample.

0830 Collect sediment sample at location MPC-01.

0835 Arrive at location BLC-03 within Bayou La Carpe, Lat. 29.56079, Long. -90.70456. Collect surface water sample.

08:40 Collect sediment sample at location BLC-03.

09:10 Arrive at sample

Michelle Brown

08-09-12 TO-0019-11-10-01

location BLC-02 within Bayou La Carpe upstream of confluence with Company Canal. This is a background location at Lat. ~~29.56813, Long. -90.709~~ mg 29.562151, Long. -90.70552. Surface water sample collected.
09:15 Sediment sample collected at location BLC-02.
09:30 Arrive at sample location BLC-01 within Bayou La Carpe mid-point between the Intercoastal Waterway and confluence with Company Canal. This is a background location at Lat. 29.56813, Long. -90.70913. Collect surface water sample.
09:40 Collect sediment sample from location BLC-01.
09:55 Arrive at sample location CC-04 located within Company Canal

Michelle Brown

08-09-12 TO-0019-11-10-01

at Lat. 29.56396, Long. -90.70451. Collect surface water sample.
10:00 Collect duplicate of surface water sample at CC-04 location.
10:05 Collect sediment sample at location CC-04
10:10 Collect duplicate sediment sample from location CC-04.
10:30 Arrive at sample location CC-03 within Company Canal. ~~at the PPE~~ Located just downstream of the PPE, at Lat. 29.56396, Long. -90.70446. Collect surface water sample.
10:35 Collect sediment sample at location CC-03.
10:50 Arrive at sample location CC-02 with Company Canal at the PPE. Lat. 29.56474, Long. -90.704517. Collect surface

Michelle Brown

08-09-12 TO-0019-11-10-01

water sample.

11:00 Collect sediment sample from location CC-02.

11:10 Arrive at sample location CC-01. This location is within Company Canal upstream of the site and is a background sample. Lat. 29.560048, Long. -90.702313. Collect Surface water sample.

11:15 Collect sediment sample from location CC-01.

11:30 Head back to boat dock. Surface water pathway sampling concluded.

12:00 Deliver samples to hotel for sample processing.

Late entry — Health + Safety tailgate meetings are noted within I seperate logbook. All boat safety procedures were followed and life vests worn.

Michael Gran

08-09-12 TO-0019-11-10-01

This logbook only covers a site visit conducted during January 2012 and surface water sampling conducted 8 and 9 August 2012. All other events related to sampling covered under a seperate logbook, related to tasking's conducted under TO-0005-12 ~~05~~-MG-04-01.

End of log day.

Michael Gran