

Location E. White Lake Date 10/9/14Project / Client 07-47

DEL-1 0-16" silty organic rich topsoil, dk brown  
hand auger damp, loose

16-20" silty CLAY, stiff, gray, damp

30-40" silty CLAY, dk brown-black, wet,  
no odor

40-48" silty SAND, lt brown gray, wet, black  
staining, hydrocarbon odor

48-54" silty CLAY, black, hc odor, wet

54-56" no recovery w/ hand auger

Place siphon sampler in hole 10' push 5.5'

54"-56" silty CLAY, dk gray, moist, stiff  
no odor

11:15 collect DEL-1 (0-3) full 29B

11:20 collect DEL-1 (3.5-4.5) oil & grease %

11:25 collect DEL-1 (4.5-5.5) oil & grease %

DEL-2 0-26" silty organic rich topsoil, dk brown, damp  
hand auger base, increase CLAY @ 18"

26-48" CLAY, lt gray, stiff, damp, no odor

48-60" silty CLAY, dk gray odor slight

push w/ siphon sampler - 7.25' deep

60-87" CLAY, lt gray, firm, slight odor

12:00 collect DEL-2 (4-5)

12:05 collect DEL-2 (6-7.25)

photo 

Location E. White Lake Date 10/9/14Project / Client 07-47

DEL-3 0-10" silty organic rich topsoil  
hand auger ~~gray brown clay~~

sample: 3-4.5" 10-26" grey brown clay

0+6 26-36" dark brown silty organic  
w/ clay, no odor

13:20 36-48" grey clay, hydrocarbon odor

~~48-54"~~ 48-54" as above; stiffer clay  
hydrocarbon odor

60-96" no recovery  
push w/ siphon sampler to 8'  
-no recovery

DEL-4 0-8" silty organic rich  
hand auger topsoil, dark brown,  
damp

sample: 4-5" 8-14" silty clay, firm, light  
0+6 grey, damp

13:45 14-48" silty-clayey muck  
dark brown grey, wet, loose

siphon: ~~3.5-5"~~ 3.5-5" (42-60")  
grey clay, as above  
slight hydrocarbon odor  
in 4.5" zone

ALL

Location E. White Lake Date 10/3/14  
 Project / Client 07-47

DEL-5

auger to 3': 0-36" dark brown muck  
 wet @ 1', increased  
 clay-2'

2-3' peat

siphon 3'-6': silty clay, firm dark  
 brown grey, slight odor  
 increasing from 5-6'

sample: 5-6'

3.5-4': muck

14:10

4-6': silty clay  
 dark brown, firm  
 increasing clay  
 w/ depth

O+G

hydrocarbon odor 5-6'

DEL-6

auger to 35'; 0-9" silty organic topsoil

9"-12" silty CLAY, dk brown-grey, firm

12-36" silty clayey MUCK, dk grey brown, wet

36-42" silty, mucky CLAY

42-66" silty CLAY, grey, firm, damp, black  
 muck layer @ 54", no odor

H:56 collect DEL-6 (4-5.5)

Location E. White Lake Date 10/9/14  
 Project / Client 07-47

SED-15

H<sub>2</sub>O depth = 2.5'

1515 Collected 4.5-5'

1530 Collected 0-4.5'

hydrocarbon odor 0.6%

DEL-7 56080# / 328898#1

water depth 4'

push 9' (5" into sediment)

1540 Collected DEL-7 (4.5-5')

1545 Collected DEL-7 (0-4.5')

Soft gray brown sediment  
 no color.

DEL-8

560786 3288981

water depth: 4.5'

push 4.5'

16:05 collected DEL-8 (4-4.5')

16:10 collected DEL-8 (0-4')

DEL-9

560773 3288968

water depth: 5'

push: 3.5'

16:20 collected DEL-9 (3-3.5')

16:25 collected DEL-9 (0-3')

70

Location E. White Lake Date 10/28/14Project / Client 07-47

1700 Package up cooler

1725 Leave site for laboratory

1830 Dropped samples @ Glenet  
Labs / Lafayette.Location Baton Rouge Office Date 10-28-14 71Project / Client EWLField Screening of SED-15 area  
samples:

<u>Sample ID</u>	<u>Description</u>	<u>Ludlum</u> <u>Reading</u>
DEL 1 (0-3)	Background (BKG)	5.1
DEL 1 (3.5-4.5)	Waste	4.6
DEL 1 (4.5-5.5)	Waste	5.1
DEL 2 (4-5)	Waste	4.9
DEL 2 (6-7.25)	Waste	4.2
DEL 3 (3-4.5)	Waste	4.5
DEL 4 (4-5)	BKG	5.0
DEL 5 (5-6')	BKG	4.9
DEL 6 (4-5.5)	BKG	5.1
SED 15 (4.5-5)	waste	4.7
SED 15 (0-4.5)	waste	5.0
DEL 7 (4.5-5)	?	5.1
DEL 7 (0-4.5)	?	4.2
DEL 8 (0-4)	?	5
DEL 9 (0-3)	?	4.4
DEL 9 (3-3.5)	?	4.2

Time 10-28-14 1300  
by Jonathan Miller  
4 hr in office

EWL

10-28-17

W-07 07-165

1300 Readings taken w/  
 @ Ludlum Model 2241  
 (SN 245180) cal.  
 date 2-10-14 good  
 through 2-10-15

Probe 44-2  
 PR# 258870

Jonathan Miller (P50)  
 measured sample  
 containers

EWL

11/17/14

7-165

0900 arrive at site

Site visit to flag pit permit  
 areas, photo documentation

6 locations

Photo	From	Direction
1 (33)	Photo Area ①	N
2 (34)	1	NE
3 35	1	E
4 36	2	W
5 37	2	NW
6 38	2	NE
7 39	2	N
8 40	3	NE
9 41	3	NE
10 42	3	NE
11 43	4	S
12 44	4	SW
13 45	4	NW
14 46	4	N
15 47	5	SW
16 48	5	SW
17 49	5	W
18 50	6	
19 51	6	
20 52	6	
21 53	6	SW

Location EWL Pit Closure Date 11/17/14

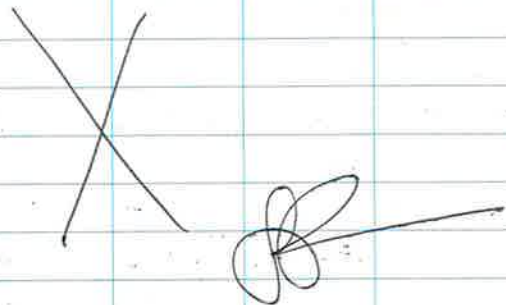
Project / Client \_\_\_\_\_

- 0900 Arrive at dock  
Ed Graham  
Kevin Pickard - Doyle's Boats  
Lance Cooper
- 0920 Check in at Peak offices
- 0930 At Pit location  
- staked permit area  
- staked pit corners

Photo documentation.

See previous pg.  
Note: EGG to

1100 Left site

Location EWL Pit Closure Date 11/20/14

Project / Client \_\_\_\_\_

- 0915 Arrive at dock  
Boated to the site  
Surface water samples
- 1040 SW-1 0560772/3289005 (1.5')
- 1050 SW-2 560752/3288986 (1.5')
- 1100 SW-3 560863/3288988 (1.5')
- TDS, TSS, TPH (C, G, O), chlordo  
sodium

1150 Collected Ewell Comp From  
2 grabs120 15R 0560807 depth=4'  
3288960121 15R 0560806 depth=4'  
3288964

Split w/ ICON

EGG

1240 Break for lunch then travel to backfill  
source.

Glen Hege Dirt Pit  
Comauk Rd, Abbeville, LA. JLC

Location EWL- Pit Closure Date 11/20/14Project / Client Vermilion Parish, LA

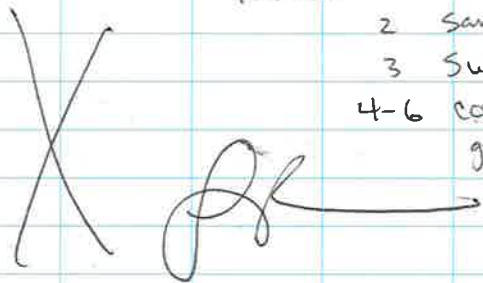
Backfill 1	<del>588</del> 588694	3312465	1410
2	588690	3312459	1420
3	588685	3312447	1425

Collected above samples from material stockpiled from current borrow area representative of depth and face length of current excavation.

Will analyze for full 29-b.

1630 dropped at Element in Lafayette.

Photos: 1 initial exc  
2 same  
3 SW location  
4-6 confirm.  
grab location

Location EWL- Pit Closure Date 11/21/14Project / Client Vermilion Parish, LA

0700 arrive @ Peak Dock

Excavating @ pit location

See EGG logbook for details

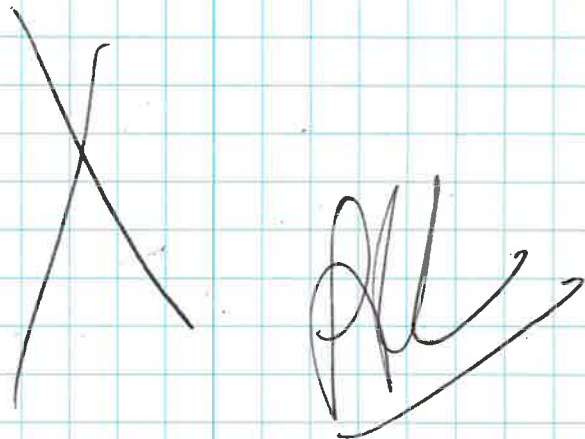
1000 Collected N Bottom comp

0:6

Split w/ 1 cons.

1645 left exc. site

1100 At Peak dock  
departed site for lab.



Location EWL - Pit Closure Date 12/1/14  
 Project / Client Vermilion Parish, LA

0700 Arrive at Peak Dock  
 Load boat, travel to exc. area

0730 Arrive at work site

Map location of DEL-3

① Photo of area before work restarts

0740

0800 moving barges to access DEL-3  
 reposition booms

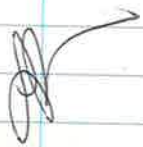
0845 Began excavation at DEL-3  
 - remove ~ 2 feet overburden

Excavated ~ 4.5' - 5' in an  
 area void

Corners:      N↑

• ①      • ②

• ③      • ④



Location EWL - Pit Closure Date 12/1/14  
 Project / Client Vermilion Parish, LA

1	560808	3288 965
2	560808	3288 960
3	560816	3288 965
4	560815	3288 960

1015 Collected 3 point composite  
 NE Area Comp.

S wall	560813	3288 960	3'
Bottom	560813	3288 962	5'
E wall	560815	<del>3288 962</del>	3'

Split w/ 1 Cen

Photo 2 E wall

Photo 3 S wall

1230 Left w/ sample for lab

1430 arrive back at Peak dock.

1500 At work site

Set up to drive first sheet pile.

Photos ~~3~~ 3 work barge

4-5 backfill barge & empty  
 shell

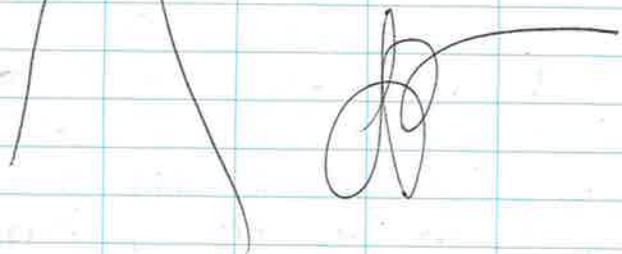
Location EWI - Pt Closure Date 12/1/14  
 Project / Client Vermilion Parish, LA

6 - 9 driving pile

1615 left work site.

1630 back at dock & offsite.

1500 Shipped VIC-28 8636145 offsite



Location EWI - Date 12/2/14  
 Project / Client Pt Closure

Lance Cooper / Tobyn Cullen

0700 L. Cooper arrives at dock

0715 left for work area

0730 arrives at work area.

0800 Started driving pile

20' sheets  
 takes ~ 15 minutes to drive  
 each sheet <sup>prepare &</sup>

1045 Tobyn Cullen arrive on site

Spend time policing area, picking up  
 booms/pads & replacing.

Photos:

1335 L. Cooper off site, and  
 Dave (crown) arrives

1400 complete install of 20  
 pile sheets, begins  
 on corners

1500 complete corners of  
 sheet pile wall &  
 reorient booms & barges

1610 finish moving barges  
 for back fill.

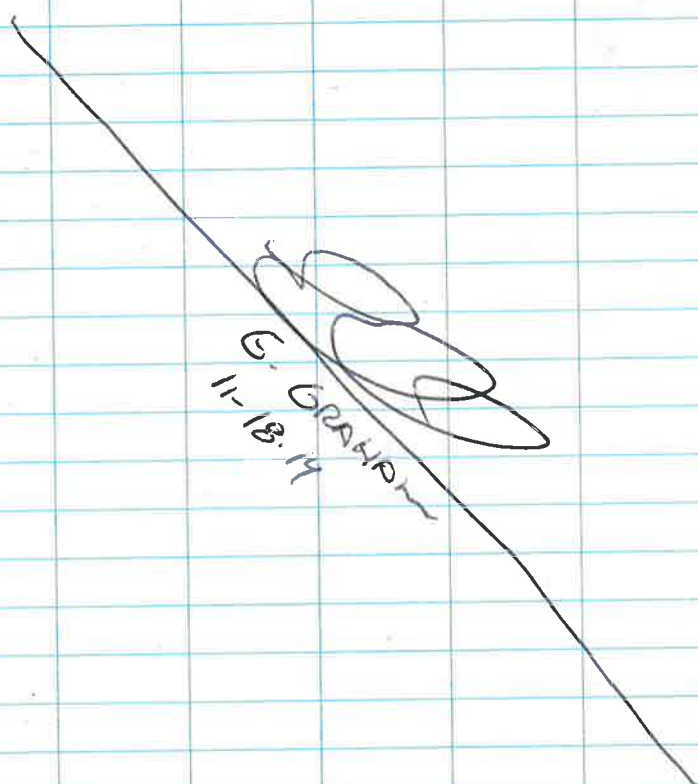
1625 off site

Tobyn Cullen  
 12/2/14





4

Location G. WHITE LAKE Date 11-18-14Project / Client 7-165CLEAR 50'S1545 SPUD BARGE IN PLACE ON  
BANK OF SITE1620 WIND CREW BOAT FOR  
TRANSIT TO PEAK1630 MOORED @ PEAK ALL PERS  
OFF SITE CREW BOAT + MUD  
TUG RON @ PEAK


G. GRAHAM  
11-18-14

5

Location E WHITE LAKE Date 11-19-14Project / Client 7-165CLEAR 50'S0700 ONSITE w/ CROWN @ PEAK  
DOCK0705 T.G. SAFETY MEETING (w/  
CROWN DSA)0730 MECHANIC ONSITE TO FIX  
STEERING ON TUG DOMINO0745 CREW LOADS BOOM ON  
DOMINO

0850 U/W FR PEAK TO SITE

0900 ON SITE

0925 TUG DOMINO ONSITE

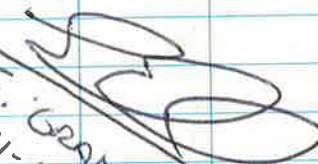
0940 CREW BOAT ENROUTE PEAK DOCK  
TO P/U PERS FR <sup>ENTRINK</sup><sub>MIDSTREAM</sub> TO CHECK  
OUR PROXIMITY TO THIER PIPELINE1005 EXL BEGINS LOAD TREE DEBRIS  
ON SPUD BARGE1110 CREW BOAT ONSITE w/ DARRIN  
JOHNSON - ENTRINK MIDSTREAM (FORMERLY  
CROSSTEX) WE CONFIRMED SITE IS  
WELL CLEAR OF PELAN 15" 12"  
GAS PIPELINE1115 CREW BOAT OFF SITE TO DROP  
OFF DARRIN JOHNSON @ PEAK DOCK  
DARRIN JOHNSON PH# 278-8020


G. GRAHAM 11-19-14

6

Location E. WHITE LAKE Date 11-19-14Project / Client 7-165CLARE CO'S1430 CREW BOAT ON SITE BEGIN RIGG  
ROOM AROUND BARGES1450 CREW BOAT HAVING MECH PROB  
ENGINES NOT STAYING ON.1500 TUG MR THOMAS MOVES SHALE  
BARGE CBR 2707 ALONG SOUTH SIDE  
OF SPUD BARGE DRAFT FWD 1.5 AFT 2.01530 COMPLETE RIGGING SILT ROOM  
AROUND BARGES1535 ALL PERS LOAD ON CREW BOAT  
+ DEPART SITE

1600 MOORED @ PEAK DOCK + SECURE

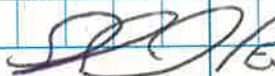


G. GRAHAM  
11-19-14

Location E. WHITE LAKE Date 11-20-14 7Project / Client 7-165CLARE CO'S0700 E. GRAHAM + CROWN ON SITE  
@ PEAK DOCK, HELD T.G. SAFETY  
MEETING0710 LOAD CREW BOAT + DEPART FOR  
SITE0720 ONSITE PREP TO LAY TOP  
SOIL OFF EXCAVATION AREA

0730 BEGIN LAYING OFF TOPSOIL

0810 TOPSOIL REMOVED ON EXC.

AREA DOWN TO CLAY/SAND APPROX  
2 FT BELOW SURFACE, STOP WORK  
UNTIL I CAN + L. COOPER ONSITE0820 CREW BOAT ENROUTE PEAK  
DOCK TO P/U L. COOPER0845 L. COOPER ONSITE, DIRECTED  
REMOVING MORE TOPSOIL FROM  
EXCAVATION AREA.0900 DERRICK FM I CAN ONSITE  
FOR ONSITE0940 BEGIN FINDING HYDRO CARB  
ORDER @ 2.5 FEET BELOW SURF  
+ START LOADING SHALE BARGE  
GROUND WATER ENTERING EXCAVATION  
@ 3 FT


G. GRAHAM 11-20-14

Location E. WHITE LAKE Date 11-20-14Project / Client 7-165CLEAR 60'S

1030 E. GRANAN, L. COOPER + ICON  
ENROUTE TO COLLECT 3 SURFACE  
WATER SAMPLES FROM OUTSIDE  
THE BEAM, ICON NOT SPLITTING,  
SAMPLES COLLECTED AT 1.5 FT BELOW  
SURFACE

SW1 1040

SW2 1050

SW3 1100

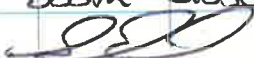
1110 BACK @ EXCAVATION SITE, CLEAN  
WALL @ 4 FT DEPTH ON EAST WALL  
COMP SAMPLE COLLECTED PM 2  
AREAS ON WALL + SPLIT W/ ICON

1140 L. COOPER + ICON OFF SITE TO  
COLLECT BACKLIEU LOCATION SAMPLES

1300 MR THOMAS GRABS SHALES  
BARGE TO ROTATE EMPTY COMP  
FORWARD, ROTATING BARGE DUE  
TO LOADED END SITTING ON BOTTOM

1310 CREW BOAT OPENS BEAM NO  
VISIBLE SWIRL INSIDE BEAM AREA

1345 BARGE BACK IN PLACE DRAFT FWD 2 FT  
AFT 3 FT

1400 BEAM CLOSED AROUND ALL BARGES  
 E. GRANAN 11-20-14

Location E. WHITE LAKE Date 11-20-14Project / Client 7-165CLEAR 60'S

1405 RESUME DIGGING

1530 SECURES EXCAVATION FOR  
THE NIGHT @ 8 FT TOTAL 5 FT  
BELOW TOP SOIL REMOVED

1540 LOAD CREW BOAT DEPART  
SITE FOR PEAK DOCK


1550 MOORED @ PEAK DOCK ALL  
PEPS OFF SITE 

~~1133 CREW BOAT ON SITE W/ SORBENT  
PADS + MECHANIC FOR WORK ON  
TUG DOMINGO~~

~~1145 CROWN CLEANING WATER AROUND  
BARGE W/ SORBENT PADS~~

~~1210 BEGIN BEAM REMOVAL FROM  
AROUND BARGE, TO REPOSITION~~


~~1215 TUG MR THOMAS + DOMINGO BEGIN  
MOVING BARGES~~

  
E. GRANAN  
11-20-14

11-21-14 @

10

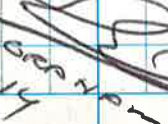
Location E. WHITE LAKE Date 11-21-14Project / Client 7-165Cloudy 60's

- 0700 E GRAHAM + L COOPER + CROWN  
ON SITE, LOAD FM PEAK DOCK
- 0710 DEPART PEAK DOCK HOLD T.G.
- Safety meeting ENROUTE TO SITE
- 0725 ON SITE, DEREK (ICON) MEETS  
ON SITE
- 0730 CROWN BEGIN SETTING UP  
DEWATERING PUMP TO REMOVE  
WATER FM HOLE TO BARGE
- 0930 WATER BEING PUMPED FM  
PIT TO BARGE w/ 3in TRASH  
Pump
- 1000 SAMPLE ID IN BOTTOM COMP  
COLLECTED @ 10ft DEPTH
- 1050 CREW BOAT ENROUTE PEAK DOCK  
w/ LANCE COOPER, L. COOPER  
OFF SITE
- 1130 CREW BOAT ON SITE w/ SORBENT  
PADS + MECHANIC FOR WORK ON  
TUG DOMINO
- 1145 CROWN CLEANING WATER AROUND  
BARGE w/ SORBENT PADS
- 1210 BEGIN BEAM REMOVAL FROM  
AROUND BARGE TO REPOSITION
-  / E. GRAHAM 11-21-14

11

Location E. WHITE LAKE Date 11-21-14Project / Client 7-165Cloudy 60's S. WIND @ 16 kts

- 1215 TUG MR THOMAS ON SITE w/  
TUG DOMINO TO BEGIN MOVING  
BARGES
- 1330 SPUD + SMALL BARGES IN PLACE  
TO DIG SOUTH END OF PIT
- 1340 BEGIN UNLAYING OFF TOPSOIL FM  
SOUTH END OF PIT
- 1430 LOCATED ROTTED FLOW LINE @  
APPROX 6ft BELOW SURFACE, BE  
MOVED w/ EXCAVATOR
- 1500 CREW BOAT ENROUTE PEAK DOCK  
TO DROP PASSENGERS
- 1515 TUG DOMINO CAUGHT BEAM IN  
ITS PROP & OPENED BEAM AREA  
EXCAVATION SECURED UNTIL BEAM  
CLOSED, ICON OFF SITE
- 1530 BEAM CLOSED AROUND BARGES
- 1545 ALL PERS LOAD ON CREW  
BOAT ENROUTE PEAK DOCK
- 1600 MOORED @ PEAK DOCK AN  
PERS OFF SITE

  
11-21-14

12 Location E. WHITE LAKE Date 11-22-14

Project / Client 7-165

OVC CO'S

0700 E. GRANAM + CREW @ PEAK

DOCK HELD T.G. SAFETY MEETING

0710 U/W. FM PEAK TO SITE

0725 ONSITE, PREP TO DEWATER

EXCAVATION AREA INTO BARGE

0800 BEGIN PUMPING TO BARGE

0930 FINISH DEWATERING BEGIN

EXCAVATING.

1030 PREP TO ROTATE SHALE BARGE

TWO COMPARTMENTS FULL, DOMINO

+ CREW BOAT BEGIN OPENING BEAM

1045 TUG MR THOMAS MOVING BARGE

1100 TUG CAPT SUGGEST WE MOVE

TO AN EMPTY SHALE BARGE RATHER

THAN ROTATE DUE TO WEIGHT, CBR

2707 IS FULL. DRAFT FWD 4.5 KFT4

1105 CBR 2707 TIED OFF NEXT TO EMPTY

BARGE, BEGIN MOVING CBR 2706 IN

PLACE, DRAFT FWD 2.5 RA 2FT

1115 CBR 2706 ALONGSIDE SPUD BARGE

1120 RESUME EXCAVATING

1155 DIRECTED CREW TO PUMP

WATER FROM PIT SO BOTTOM

SAMPLES CAN BE COLLECTED

ED / E. GRANAM 11-22-14

Location E. WHITE LAKE Date 11-22-14<sup>13</sup>

Project / Client 7-165

OVC CO S WIND 5-10 KTS

1200 TOLD ALL PERS TO WORK

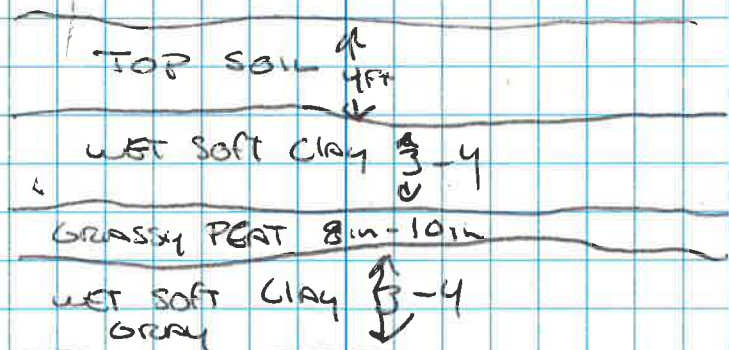
FM BARGES + NOT TO GO ON EAST

OR SOUTH ENDS OF EXCAVATION DUE

TO UNSTABLE WALLS, WATER SEEP

ALL AROUND EXC AREA FM E.

APPROX 5-6 FT BELOW SURFACE.



1320 COLLECT 2 FT COMP SAMPLES

S BOTTOM, SPLIT W/ ILON

1340 SOUTH WALL COLLAPSE. APPROX

4 FT OF WALL LOST.

1430 COLLECT 2 FT COMP SAMPLES

S WALL COMP

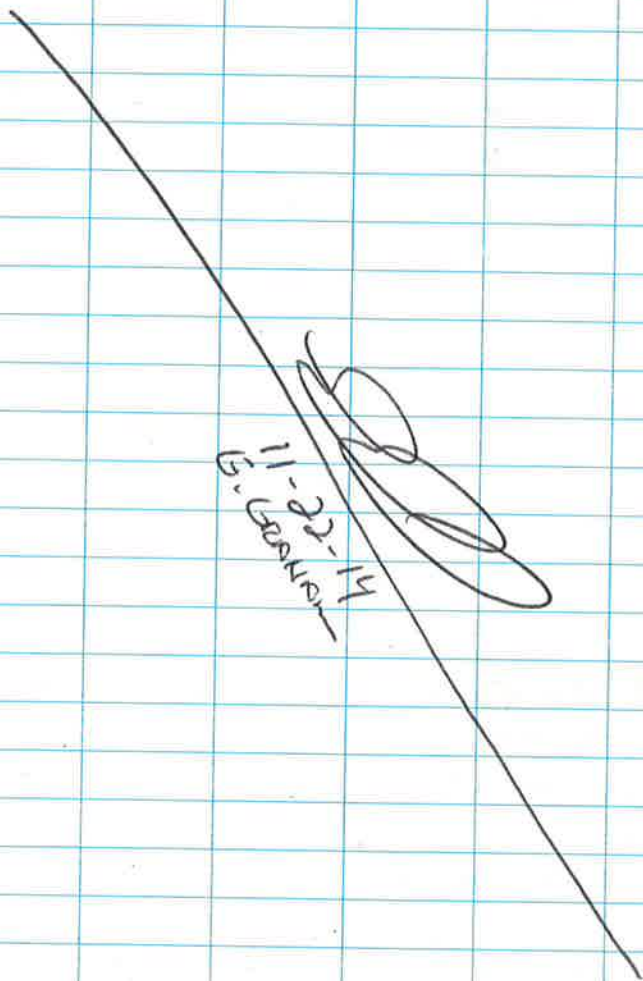
1500 ILON OFF SITE

1510 ALL PERS LOAD CREW BOAT

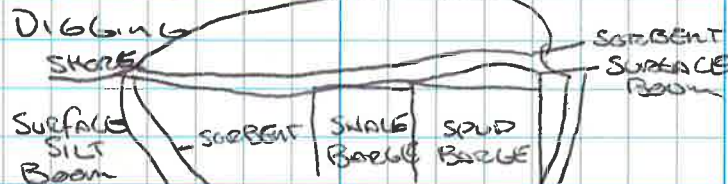
ED / E. GRANAM 11-22-14

Location E. WHITE LAKE Date 11-22-14Project / Client 7-165OVC CO'S

EnROUTE PEAK DOCK

1520 MOORED @ PEAK DOCK ALL PERS  
OFF SITE11-22-14  
E. GRAHAMLocation E. WHITE LAKE Date 11-23-14Project / Client 7-165OVC CO'SNORTH WIND OKS0700 E. GRAHAM + CROWN ON SITE  
@ PEAK DOCK, HELD T.G.  
SAFETY MEETING, LOAD BOAT +  
DEPART FOR SITE0715 ON SITE, WEST WALL COLLAPSED  
OVERNIGHT, EXCAVATION AREA  
EQUALIZED W/ CANAL, NOTIFIED  
L. COOPER0730 RESET BOOM + SOBENT BOOM  
ALONG FRONT OF BARGE + BEGIN  
DIGGING BERM MATERIAL THAT  
COLLAPSED IN HOLE0830 CON ONSITE, TUG MR THOMAS  
ONSITE TO ROTATE SHALE BARGE0840 CALL MADE ONSITE TO CONTINUE  
DIGGING REMAINDER OF EXCAVATION  
AREA + REMOVE REMAINDER OF  
BERM. SHEET PILE WILL BE  
DRIVEN @ TIME OF BACKFILL

0950 BOOMS RIGGED FOR WATER



Location E. WHITE LAKE Date 11-23-14Project / Client 7-165CLEAR 60's NORTH WIND 10 KTS

1055 @ 10 FT BELOW SURFACE OF WATER APPROX 2 FT WEST OF SHORE GETTING GREY/BLACK SAND MATERIAL w/ HEAVY HYD CARB ODOR

1130 @ 11 FT BELOW SURFACE OF WATER BROWN MUCK w/ NO SIG HYD CARB ODOR

1150 TUG MR THOMAS TO MOVE CBR 2706 + PEEP TO MOVE SPUD BARGE TO NEXT LOCATION

1230 SHALE BARGE MOVED TUG MR THOMAS ALONGSIDE TO FUEL EXL

1245 FINISH FUELING EXCAVATOR, TUG MR THOMAS MOVING CBR 2716 ALONGSIDE SPUD BARGE

1315 CBR 2716 ALONGSIDE, DOMINO + CREW BOAT CLOSING BEAMS AROUND BARGES

1400 BEAM CLOSED AROUND BARGES NO FURTHER DIGGING UNTIL MORE BEAM ARRIVES ON SITE IN THE AM

1405 1600 OFF SITE

1410 TUG MR THOMAS U/W w/ CBR

Location E. WHITE LAKE Date 11-23-14Project / Client 7-165CLEAR 60's NORTH WIND 10 KTS

2706 + 2707 (UIC 28 <sup>2707</sup> 8636123 + <sub>2706</sub> 8636124) ENROUTE ECO SERVICE

1450 SECURED BARGES + PLACED WHITE CORNER LIGHTS ON OUTBOARD CORNERS

1435 LOAD CREW BOAT ENROUTE PEAK DOLK

1445 MOORED @ PEAK, ALL PEERS OFF SITE

~~GRAHAM~~  
11-23-14



Location E WHITE LAKE Date 11-24-14Project / Client 7-165CLEAR SO'S north wind 5-10

0700 E. GRAMM + Crown @ PEAK DOCK; LOAD CREW BOAT + HEAD TO SITE, HOLD T.G. Safety MEET ENROUTE.

0715 onSITE BEGIN REPOSITIONING BOOM AROUND THE EXCAVATION AREA

0745 DEW, Icon onSITE

0830 inner BOOM RESET AROUND EXCAVATION AREA, CREW WORKING ON OUTER BOOM

0835 RESUME Digging

0945 COLLECT SAMPLE ID CANAL BOTT COMP, SPLIT w/ Icon 3 FT comp Brown marsh MATERIAL

1045 LOAD CREW BOAT + MOVE TO SHORE TO COLLECT TOPSOIL comp SAMPLES

1048 SAMPLE ID TOPSOIL N COMP.

1050 SAMPLE ID TOPSOIL S COMP

1100 COMPLETE SAMPLING All CREW ON BOAT ENROUTE PEAK DOCK, EXCEPT 1 CREW MEMBER ON BARGE, Icon OFF SITE ~~SD~~ E. GRAMM

Location E. WHITE LAKE Date 11-24-14Project / Client 7-165CLEAR SO'S nw wind 10-14

1110 MOORED @ PEAK DOCK, E.

GRAMM ENROUTE ELEMENT LAIRS TO DELIVER SAMPLES

1345 E. GRAMM @ PEAK DOCK

CREW LOADED ABSORBENT BOOM ON CREW BOAT + WAITING ON SKIFF TO BE DELIVERED

1550 SKIFF DELIVERED, ENROUTE

SITE TO DROP SUPPLIES + PICKUP CREW MEMBER ON BARGE,

Icon onSITE DROP EQUIPMENT

P/U 1 CREW MEMBER DEPART SITE ENROUTE PEAK DOCK

1615 MOORED @ PEAK All PEES OFF SITE

WATER

1/2 - 2 ft

muck 2-3

Sand/Clay 3 ft

GRAY SAND Heavy OFG 2 ft

Brown/Organic no COOL

~~SD~~ / E. GRAMM

120

Location E. WHITE LAKE Date 11-25-14Project / Client 7-165OVC SO'S LT S WIND0700 ONSITE @ PEAK DOCK, HELD  
T.G. SAFETY MEETING

0710 ENROUTE SITE

0720 ONSITE PREP TO CLEAN OUT  
SURFACE MUCK FLOATING INSIDE  
BOOM, WARP BARRIERS CLOSE TO  
EXCAVATION AREA0800 BEGIN REMOVE MATERIAL  
ALONG NORTH END OF PIT0900 COMPLETE EXCAVATING +  
BEGIN SURFACE WATER CLEANUP  
USING SKIFF + NETS

1045 ICON ONSITE (ANDREW S.)

1200 FINISH SKIMMING EXCAVATION  
AREA. REMOVED + REPIURED

ABSORBENT BOOM INSIDE BOOM

1245 LOADING STUMPS FROM SHORE  
INTO BARGE, 1 BIN DESIGNATED  
FOR SOLIDS (BOOM STUMPS PLASTIC)1300 COMPLETE TRASH CLEANUP  
AROUND SITE + BARGE1330 LOAD CREWS BOAT + DEPART  
FOR PEAK DOCK, ICON OFF SITE

1340 MOORED @ PEAK DOCK

END / E. GRAHAMLocation E. WHITE LAKE Date 11-25-14 21Project / Client 7-165OVC SO'SALL PERS OFF SITE. E. GRAHAM  
ENROUTE I.C. CITY MORGAN  
SHILL SLIP TO CHECK ON BACK  
FILL LOADING1430 E. GRAHAM DEPARTS SHILL  
SLIP ENROUTE NEW ORLEANS. JOB  
SITE SHUT DOWN FOR THANKS-  
GIVING BREAK..~~E. GRAHAM~~

Location E WHITE LAKE Date 11-25-14Project / Client 7-165

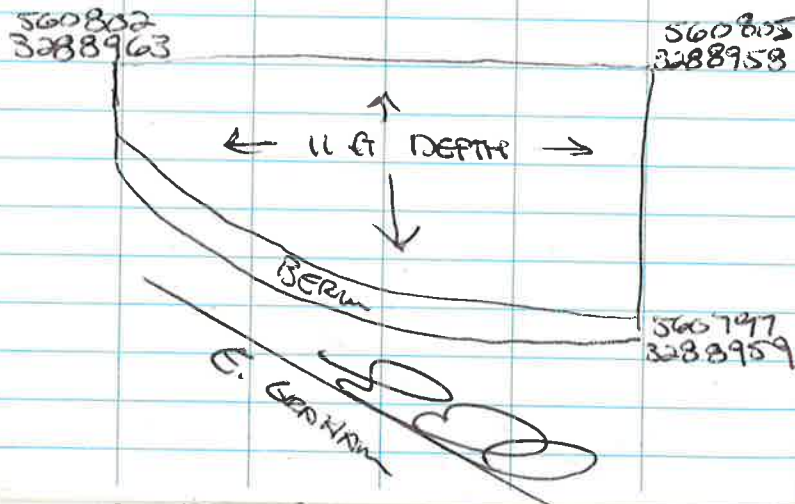
## PHOTO STAKE LOCATIONS PIC #S

1	0560796/3288950	2770-2772
2	0560805/3288949	2772-2776
3	0560816/3288945	2776-2780
4	0560819/3288956	2780-2783
5	0560819/3288970	2783-2786

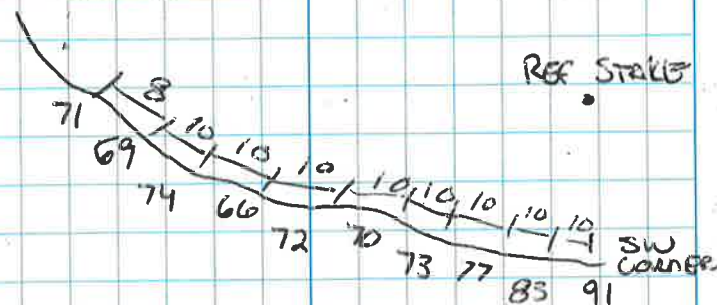
## PERMIT BOUNDARIES

SW - 20ft	0560794/3288952
SE	0560820/3288951
NE	0560819/3288974
CENTER OF SITE	0560806/3288959

NORTH BOTTOM INSIDE BERM

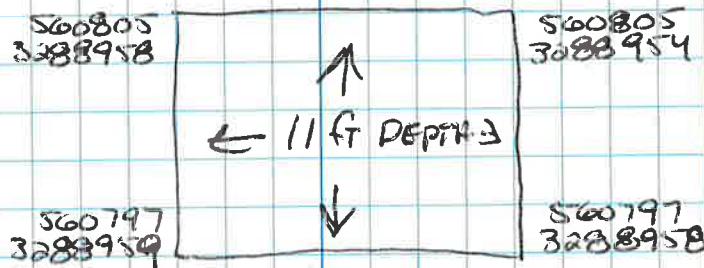
Location E, WHITE LAKE Date 11-25-14Project / Client 7-165

## SHORELINE RECONSTRUCTION



MEASUREMENT TAKEN USING TAPE  
 MEASURE W/O REF STAKE,  
 ALL MEASUREMENTS IN FT AND SPACED  
 EVERY 10 FT FROM SW TO NE  
 PERMIT BOUNDARY STAKES

- SOUTH BOTTOM INSIDE BERM



Soft Collapsing walls WITH GW  
 SEEPING @ 5-6 ft

*E. GRAHAM*



Location EWL - Pit Closure Date 12/1/14  
 Project / Client Vermilion Parish, LA

0700 Arrive at Peak Dock  
 Load boat, travel to exc. area

0730 Arrive at work site

Map location of DEL-3

① Photo of area before work results

0740

0800 moving barges to access DEL-3  
 reposition booms

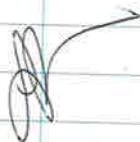
0845 Began excavation at DEL-3  
 - remove ~ ~~25~~ 2 feet overboard

Excavated ~ 4.5' - 5' in an  
 area around

Corners:      N↑

• ①      • ②

• ③      • ④



Location EWL - Pit Closure Date 12/1/14  
 Project / Client Vermilion Parish, LA

1	S60808	3288 965
2	S60808	3288 960
3	S60816	3288 965
4	S60815	3288 960

1015 Collected 3 point composite  
 NE Area Comp.

S wall	S60813	3288 960	3'
Bottom	S60813	3288 962	5'
E wall	S60815	<del>3288 962</del>	3'

Split w/ 1 cen

Photo 2 E wall

Photo 3 S wall

1230 Left w/ sample for lab

1430 arrive back at Peak dock.

1500 At work site

Set up to drive first sheet pile.

Photos ~~3~~ 3 work barge

4-5 backfill barge & empty  
 shell

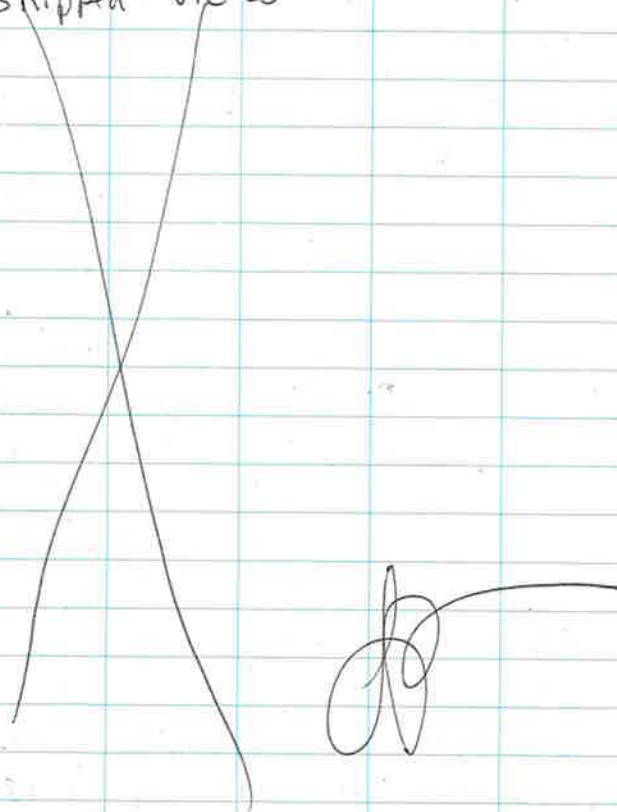
Location EWL - Pot Closure Date 12/1/14Project / Client Vermilion Parish, LA

6 - 9 driving pile

1615 left work site.

1630 back at dock &amp; offsite.

1500 Shipped VIC-28 5636145 offsite

Location EWL - Date 12/2/14Project / Client Pot ClosureLance Cooper / Tokyn  
Cellen

0700 L. Cooper arrives at dock

0715 left for work area

0730 arrive at work area.

0800 started driving pile

20' sheets

takes ~ 15 minutes to <sup>prepare &</sup> drive  
each sheet

1045 Tokyn Cellen arrive onsite

Spent time policing area, picking up  
booms/pads & replacing.

Photos:

1335 L. Cooper off site, and  
Dave (crown) arrives1400 complete install of 20  
pile sheets, begin  
on corners1500 complete corners of  
sheet pile wall &  
reorient booms & barges1610 finish moving barges  
for back fill.

1625 off site

Tokyn Cellen  
12/2/14

Location EWL Date 12/3/14Project / Client Vermillion Parish, LA

~505 clear

0700 T. Celler (MPA)  
 B. Rosinski  
 C. Wallis  
~~Bob Bowman~~ Bowman  
 ART ] (crown)

@ docks

0715 T. Comrabelle arrives &amp; leave docks

0740 Satley meeting, prepare to off load remaining sheet piles; DEMUX CON'S were

0800 tugboat w/ pump &amp; barge moves into position

0830 Complete 1 of 2 plugs to prep for pumping; move pump in to place; begin purge @ 0840  
 → second plug going in place

1040 continue w/ pumping &amp; backfill

1210 continue work while break for lunch

TGC

Location Vermillion Parish Date 12/3/14 83Project / Client East White Lake 07-108

PT cloudy

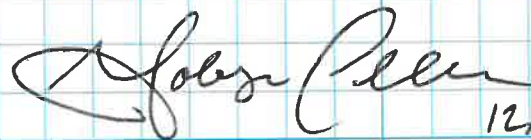
1340 Empty 1 barge worth of clay soil; reorient barges

1510 use tugboat to push barges against sheet pile wall; after trouble w/ pump got it running smoothly w/ screen on it

→ barges provide extra support for wall

1540 fill up CBR 2716 # 8636146

1730 cont backfill of berm, while securing barges to tug &amp; setting up for the night

1800  
~~1600~~ off site


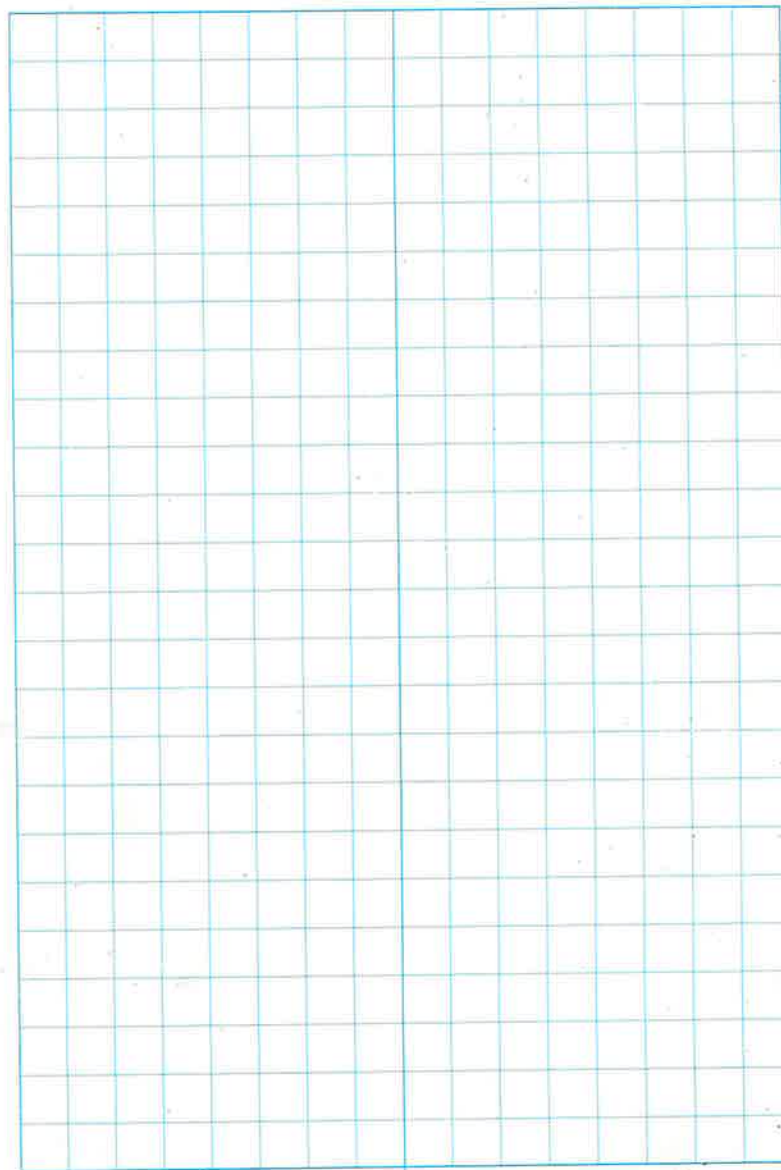
12/3/14 TGC

Location Vermilion Parish Date 12/4/14Project / Client East White Lake 07-165~50s cloudy

- 0705 head to site  
 T. Celler  
 L. Cooper  
 T. Comradelle  
 B. Rosinski  
 C. Wallis  
 Art  
 Reuben Bowman
- 0725 on site safety meeting
- 0800 pump & barges in place,  
 excavate a low point  
 for water; pump starts
- 0940 Derrick (icon) on site
- 1100 wait pause pumping &  
 wait on backfill  
 T. Comradelle & L. Cooper  
 off site; icon leaves @ 12
- 1340 tug arrives w/ backfill,  
 secure silt boom & barges,  
 cont backfill
- 1430 all off site once berm is  
 built up & barges secured
- Allen* 12/4/14 TJC

Location \_\_\_\_\_ Date \_\_\_\_\_

Project / Client \_\_\_\_\_





Location Vermilion Parish Date 12/4/14Project / Client East White Lake 07-165

~50s cloudy

- 0705 head to site  
 T. Celler  
 L. Cooper  
 T. Comradelle  
 B. Rosinski  
 C. Wallis  
 Art Bourque  
 Reuben Bowman
- MPA  
CROWN
- 0725 on site safety meeting
- 0800 pump & barges in place,  
 excavate a low point  
 for water; pump starts @ 0807
- 0940 Derrick (iron) on site
- 1100 wait pause pumping &  
 wait on backfill  
 T. Comradelle & L. Cooper  
 off site; iron leaves @ 12
- 1340 tug arrives w/ backfill,  
 secure silt boom & barges,  
 cont backfill
- 1430 all off site ONCE boom is  
 built up & barges secured

*Alcee* 12/4/14 TGC

Location Vermilion Parish Date 12/8/14Project / Client East White Lake 07-165

~50s clear sunny

- 0735 leave dock to head to site  
 T. Celler (MPA)  
 T. Comradelle  
 B. Rosinski  
 C. Wallis  
 R. Bowman  
 A. Bourque
- CROWN
- 0800 on site conduct JSA'S  
 rearrange barges to  
 reduce cleaning costs
- 0900 Derrick (iron) on site
- 1140 mud pump on site  
 w/ hydraulic sump pump  
 SID: HPU-185-1
- 1250 start up pump
- 1305 M. Hickey (MPA) on site
- 1330 remove truck by excavator  
 lay visqueen
- 1415 clean up & leave site  
 head to dock

*Alcee* 12/8/14  
 TGC

Location Vermilion Parish Date 12/9/14Project / Client East White Lake 07-165~50s and sunny

- 0715 head to site  
 M. Hickey (MPA)  
 T. Comradelle  
 C. Wallis  
 R. Bowman  
 A. Bourque
- CROWN
- 0725 safety meeting and signed JSA
- 0730 set pump back up to discharge water, much more liquid on top, less clumpy
- 0800 move back to excavating muck
- 0810 Derrick (ICON) onsite
- 0830 moved pump back and was not moving any water - back to moving it w/ excav
- 0900 dirt barge moved over to site
- 0910 B. Rosinski (CROWN) onsite w/ crate for pump.  
 start backfilling
- 0945 moved dirt barge back and continued mucking
- 1030 T. Comradelle offsite for boxes
- MMH

Location Vermilion Parish Date 12/9/14Project / Client East White Lake 07-165

- 1300 moved disposal barge and stockpile barge in its place secure barges and boom
- 1315 continued backfilling
- 1345 T. Comradelle back onsite
- 1501 In order to properly decon pump, containment barge will have to be brought back over and pump will be washed out over it
- 1513 empty barge will be brought to dock to be loaded w/ remaining fill material secure barges and boom
- 1542 Derrick (ICON) offsite
- 1620 everyone offsite, heading back to dock

M. Hickey 12/9/14  
 MMH

Location Vermilion Parish Date 12/10/14

Project / Client East White Lake 07-165

~50's and sunny / partly cloudy

- 0700 <sup>MMH</sup> onsite at dock  
 0730 head to site  
 M. Hickey (MPA)  
 T. Comradelle  
 C. Wallis  
 R. Bowman  
 A. Bourque  
 B. Rosinski
- CROWN
- 0745 safety meeting, signed JSA  
 0800 decon pump over shell barge  
 0911 Derrick (ICON) onsite  
 0930 brought pump to dock  
 Continued backfilling  
 0938 T. Comradelle left site for Intercoastal  
 1300 Excavator at Intercoastal down - barge delayed till tomorrow morning  
 1320 Derrick (ICON) leaves site  
 1410 T. Comradelle back onsite  
 1425 clean shell barge in prep for landfill  
 1450 leave site for dock  
 -Meaghan Hickey 12/10/14 MMH

Location Vermilion Parish Date 12/11/14

Project / Client East White Lake 07-165

~50's sunny / partly cloudy

- 0745 arrive at dock  
 0840 head to site  
 M. Hickey (MPA)  
 C. Wallis  
 R. Bowman  
 A. Bourque  
 A. Laundry  
 C. Celestine
- CROWN
- 0845 safety meeting, signed JSA  
 late start due to Crown safety meeting at office  
 0900 begin pulling out sheet piling, reposition and secure boom  
 1113 T. Comradelle and B. Rosinski (CROWN) onsite w/ matting  
 1203 rearranging barge to nose in may have better positioning to pull ~~shades~~ sheets, boom will be taken out and resecured. continued washing shell barge  
 1415 all sheet piling removed  
 1620 silt boom ripped in half  
 MMH

Location Vermilion Parish Date 12/11/14  
 Project / Client East White Lake 07-165

will be placed in front of slope tomorrow.

1645 everyone offsite and heading back to dock.

Meaghan Hickey 12/11/14

Location Vermilion Parish Date 12/12/14  
 Project / Client East White Lake 07-165

~50s sunny + partly cloudy

0650 at dock

0725 left for site

M. Hickey (MPA)

T. Comradelle

C. Wallis

R. Bowman

A. Bourque

B. Rosinski

CROWN

0735 site safety meeting, signed ISA

0740 rearranged barges and continued backfilling where cracks + fall occurred while wall was pulled

0815 signed manifest for CBR 2716  
 CBR 2715 will be brought back empty + unused

0833 topsoil down on back half of disturbed area.

1245 all backfill placed, will allow to settle over the weekend come back to feather it out and finish topsoil. cleaned site

1300 everyone leaves site for dock

Meaghan Hickey 12/12/14

Location Vermilion Parish Date 12/15/14

Project / Client East White Lake 07-165

~60s cloudy

- 0800 meet at dock  
 0811 left for site  
 M. Hickey (MPA)  
 T. Comradelle  
 C. Wallis  
 A. Bourque  
 R. Bowman  
 A. Laundry  
 C. Celestine  
 L. Norris
- ↑  
CROWN  
↓
- 0820 safety meeting, signed JSA  
 0830 feather and tamper backfill  
 continue spreading topsoil  
 cleaning up site: clearing stumps  
 roots, and raking
- 1025 begin spreading grassseed  
 rearrange barge to reach SW  
 corner w/ topsoil
- 1055 Lance Cooper (MPA) on site  
 1115 began laying down coconut  
 matting
- 1230 T. Comradelle and L. Cooper (MPA)  
 leave site

MMH

Location Vermilion Parish Date 12/15/14

Project / Client East White Lake 07-165

~60s cloudy

- 1230 completed putting down  
 matting and watered
- 1300 cleaned up trash and moved  
 offsite to clean barges
- 1330 took elevation shots for  
 top of slope in between limits  
 of disturbance
- 1345 took final pictures from 5  
 staked locations, four pics  
 at each location L → R
- 1430 everyone off site

-Meaghan Hickey 12/15/14

Location East White Lake Date 1/5/15

Project / Client 07-47

Sunny, Cold, 30's

0940 At Hebert's Boat Land  
Kevin Piccard w/ Doyle's Boat  
onsite w/ boat.

Also Icon onsite

- 1) Pat Broussard
- 2) Chris Miller
- 3) Derek Pourciau
- 4) Drew Campbell

1050 Chocky @ Peak office

1115 At WL-1, hand auger  
will be in 2 intervals

~~0-2' N~~ 2973478  
w 92.36723

1128 Photo 1: WL-1, hand auger  
(NW)

1129 At 6' w/ hand auger, not  
getting good recovery, will  
switch to Wink system (w/ pipe)  
appears Icon is ~~not~~ getting  
some material being pulled  
down from higher up  
hand auger hole.

1136 Icon pushed ~ 5.5 to 9' by  
~ 3.5 of push, 1<sup>st</sup> push  
Robert Charles Truh 1/5/15

Location East White Lake Date 1/5/15

Project / Client 07-47

Sunny, Cold, 40's

1142 Icon adding another 5' section  
to Wink system (a push  
used 10'), some ~~slow~~ <sup>in</sup> <sup>the</sup> <sup>hole</sup>  
in boring, Icon has to  
pull all pipe out of hole  
each sampling push.

1146 Icon pushed ~ 4' on this  
#2 sample push, ~ 9' to 13' by S

1203 T.O. for WL-1 ~ 13' by S

~~0-2' Silty Clay w/ peat (E)~~  
Material, ~~has odor~~ (E)

Icon grab wrong sample  
bag, reds pictured

1210 0-2' Silty Clay, v. dk. gray  
GLY 13/N to black, v. sh. odor, soft  
GLY 12.5/N Moist, EC  $\Rightarrow$  3.70 MS

1215 Photo 2: WL-1 0-2' by S (E)

1216 2-4' Silty Clay, v. dk. gray  
GLY 13/N to black GLY 2.5/N  
has odor, peat materials, soft,  
Moist EC  $\Rightarrow$  5.94

1218 Photo 3: WL-1 2-4' by S (E)

Robert Charles Truh 1/5/15

East White Lake Date 1/5/15

07-47

SUNNY, cold, 40's

1220 4-5.5'

Peat, black (GLY 12.5/N)  
little clay, no odor, soft,  
moist to wet, EC  $\approx$  5.0

1223 Photo 4: Wh-1 4-5.5' bgs (E)

1226 5.5-9' ~ 2' recovery 2.0/3.5  
Peat to Silty Clay w/ peat to peatE.C.  $\approx$  8.0 @ interface of  
Silty Clay & peat, black  
(GLY 1, 2.5/N) v. soft, moist

No odor

Silty Clay ~ .8' @ bottom } core reverse

Peat ~ 1.2' @ top }

1231 Photo 5: Wh-1 5.5-9' bgs

top to right

1235 Photo 6: Wh-1 9-13' bgs (E)

top to right

1239 9-13' bgs 2.2/4.0 recovery

Silty Clay, dk. gray (SY 4/1)  
soft, moist, no odor, some  
peat @ topEC  $\Rightarrow$  5, 70 MS

Icon to Sample 0-2, 2-4

6-8' (5.5-9' Push) &amp; 9-13'

Met Charles Trah 1/5/15

East White Lake Date 1/5/15 93

07-47

SUNNY, cold, 40's

Icon to Run Full 29B +  
Soluble Cl + TPH D/O

0-2' 1210 (fractions)

2-4' 1216

6-8' 1226 No split - <sup>not enough volume</sup>

9-13' 1240

only got TPH fractions, v.  
limited volume for IL IAR  
for 29B / Soluble Cl1325A Wh-2, east of Wh-1  
Start hand auger

1400 Stop hand auger @

Wh-2 ~ 16' bgs

1403 Photo 7: Wh-2 0-2' bgs (E)

1405 0-2'

Silty Clay, dk gray (SY 4/1)  
soft, moist, no odor, some  
Fe staining, EC 8, 62 MSSample Wh-2 0-2' for  
29B, Soluble Cl, TPH fractions

1410 Photo 8: Wh-2 2-4' bgs (E)

2-4'

soft, moist, no odor Silty Clay, dk gray  
(SY 4/1) peat layer in middle  
EC 10.9 MS ~ 7' L

Met Charles Trah

Location East White Lake Date 1/5/15

Project / Client 07-47

P. Sunny, Mid, 50's

Sample Wh-2 2-4' for 29B, Soluble Cl, TPH fractions (sample time 1410)

1420 Photo 9: Wh-2 4-6' bgs (E) 4-6'

Peat, black (GLFY 12.5/N) some Silty clay, soft, moist, no odor, EC 12.2 MS

1425 Photo 10: Wh-2 6-8' bgs (E) 6-8'

Silty clay, black (GLFY 12.5/N) to dk. gray (SY 4/1), soft moist, no odor, little peat/wood EC = 10.5 MS

1430 Photo 11: Wh-2 8-10' bgs (E) 8-10'

Silty clay, dk. gray (SY 4/1) soft, moist, no odor, some wood fragments/peat, EC 8.37 MS

1435 Photo 12: Wh-2 10-12' bgs (E) 10-12'

Silty clay, dk. gray (SY 4/1) soft, moist, no odor, EC = 6.5 MS

Robert Charles Tran 1/5/15

Location East White Lake Date 1/5/15

Project / Client 07-47

P. Sunny, Mid, 50's

1440 Photo 13: Wh-2 12-14' bgs (E) 12-14'

Silty clay, dk. gray (SY 4/1) soft, moist, no odor, some wood fragments, EC 5.5 MS

1445 Photo 14: Wh-2 14-16' bgs (E) 14-16'

Silty clay, dk. gray (SY 4/1) soft to sh stiff, moist, no odor few calcy concretions, EC 3.2 MS

Icon to also sample Wh-2 8-10' 1430 } sample 14-16' 1445 } times

Sample for 29B, Soluble Cl & TPH fractions.

Wh-2 @ N 29.73488 W 92.36712

Icon back filled wh-1 + wh-2 w/ cutting, will place pellets @ surface.

1509 Photo 13: Wh-2 location (N)

1516 Head to docks

1535 At dock, packing samples  
1555 at site, packing samples  
Robert Charles Tran 1/5/15



East White Lake Date 1/6/15

07-47

clear, cold, 35's

- 0645 At boat dock  
 0725 Icon @ dock  
 1) Pat Broussard  
 2) Chris Miller  
 3) Drew Campbell  
 4) Derrick Pourciau

0740 Leave dock, head to site

0803 At WH-3

N 29.73482

W 92.36676

0808 Start hand auger @ WH-3

0-2' olive (SY 4/3)

Silt (At top) brown, wet, odor

Sand (1.5-2) brown, dk gray (SY 4/1)

Frag loose, wet, odor

Clayey silt w/ peat, organic

black (GLY 12.5/N) material, no bits

Soft, wet, odor, wood frag mat

2-4'

Clayey silt to peat, black

Soft, wet, has odor (GLY 12.5/N)

4-5'

Clayey silt, Peat, black (GLY 12.5/N)

Soft, wet, has odor, little sand

Next Charles Train 1/6/15

East White Lake Date 1/6/15

07-47

0823 Icon not getting recovery @  
 ~5' bgs (in peat) switch  
 to winch system0836 Icon pushed ~5-10' bgs  
 w/ 1st push w/ winch0840 Icon pushed ~10-15' bgs  
 w/ 2nd push w/ winch

0845 Photo 1: WH-3 0-2' bgs (w)

Sample WH-3 0-2' for

29B, Soluble Cl, TPA/D/O (fractional)

0850 Photo 2: WH-3 2-4' bgs (w)

0855 Photo 3: WH-3 4-5' bgs (w)

0905 Photo 4: WH-3 5-10' bgs (w)

5-10' bgs 2.0/5.0' recovery

~5-6' bgs silty silt, black (GLY 12.5/N)

Some peat/organic material, has odor

Soft, wet

~6-7 silty clay dk gray (SY 4/1)

Some organic material, wood frag mat

Soft, silty, odor, moist

0910 Photo 5: WH-3 10-15' bgs (w)

3.2/5.0' recovery (SY 4/1)

~10.0-13.2' bgs silty clay dk gray

Soft, moist, v. silty, little organic material

Next Charles Train 1/6/15

East White Lake

1/6/15

07-47

Sunny, Cold, 30's

Icon to sample

Wh-3 4-6' (0900)

Wh-3 10-13' (0910)

for 29B, Soluble Cl, TPH D/O  
(fractions)

EC's

Wh-3 0-2' 6.4 mS

Wh-3 2-4' 9.5 mS

Wh-3 ~~4-6'~~ 4-6' 8.11 mS

Wh-3 6-8' 6.08 mS

Wh-3 8-10' NA

Wh-3 10-13' 11.2 mS

Wh-3 13-15' NA

Icon pushed 15-20' bys, not  
good sample, cave in0930 Wh-3 4-6' had limited  
sample volume, was able to  
fill TPH fraction, small  
amount to 1L jar for 29B

0932 Photo 6: Wh-3 location (S)

0955 At Wh-4

N 29.72869

W 92.36954

Robert Charles Trach 1/6/15

East White Lake

1/6/15

07-47

Sunny, Cold, 40's

Wh-4 - hand auger

0-2'

Silt/organic material, black  
(GLEX 1 d.s/n) soft, wet, rootlets  
some clay, v. sh. odor, EC 2.3 mS

2-4'

Silt to clayey silt, black

(GLEX 1 d.s/n) soft, wet,

organic material, has odor, EC 4.55 mS

Icon getting no recovery @ 4 bys,

Switch to WINK system

1015 Photo 7: Wh-4 0-2' bys (S)

Sample Wh-4 0-2' for  
29B, Soluble Cl, TPH D/O (fractions)

1025 Photo 8: Wh-4 2-4' bys (S)

Sample Wh-4 2-4' for  
29B, Soluble Cl, TPH D/O (fractions)  
(limited volume for 1L jar)1030 Icon has pushed Wink  
system 4-12.5' twice  
hit clay @ ~ 11' bys, will  
open sample liners

Robert Charles Trach 1/6/15

East White Lake

1/6/15

07-47

Sunny, cold, Mok

1035 Photo 9: Wh-4 4-12.5' bgs (S)  
 4-11' silt/sand, black (GLEY 2.5/N)  
 has odor, wet, v. soft, ~~stagnant~~  
 EC >20ms ~3.3/7

11-12.5' silty clay, dk. gray  
 moist, soft, organic (5x4/1)  
 material, some peat @ bottom  
 EC >20ms, 5th odor

1040 Sample Wh-4 4-11' for  
 29B, soluble Cl, TPH D/O  
 (fractions)

1050 Sample Wh-4 11-12.5' for  
 29B, Soluble Cl, TPH D/O  
 limited volumes for both  
 1h 29B jars

1054 Photo 10: Wh-4 location (W)

1155 At Wh-5 nothing Wh-4  
 N 29.72872  
 W 92.36958

1158 Start hand auger @ WL-5

0-2'  
 Silt/peat, organic material  
 black (GLEY 2.5/N), some sand  
 @ bottom, no odor @ top to has odor  
 EC 2.5ms soft, wet  
 Meet Charles T. 1/6/15

East White L

1/6/15

07-47

Sunny, Mild, 50's

Icon gelly no recovery @  
 2' bgs, switch to Wink system

1205 Photo 11: Wh-5 location (N)  
 N 29.72872  
 W 92.36958

1210 Photo 12: Wh-5 0-2' bgs (S)  
 Sample Wh-5 0-2' for 29B,  
 Soluble Cl, TPH D/O (fraction 1)

1225 Icon pushed 2-13' w/  
 Wink system, ~2' of  
 recovery.

2-13' Sand, f. grain  
 Photo 12A loose, wet, has odor, little  
 (S) clayey silt w/ peat @ bottom  
 black (GLEY 2.5/N) to dk. gray  
 EC >20ms (5x4/1)

1230 Sample Wh-5 2-13' for  
 29B, Soluble Cl, TPH D/O (fractions)

1239 At Wh-6 start hand augering  
 N 29.72859  
 W 92.36957

0-2'  
 EC 2.4ms Silty Clay, black (GLEY 2.5/N)  
 organic material, soft, wet, no odor  
 Meet Charles T. 1/6/15

East White Lake Date 1/6/15

07-47

Sunny, Mild, 50s

WL-6

~~1351~~ 0-2' (From Sample bag)  
 EC 2.4 mS Silty clay, black (GLEY 12.5/N)  
 abundant organic material/peat, soft, wet, <sup>NO</sup> odor  
 EC 2.4 mS

1351 Icon @ 13' bgs (w) WL-6  
 will install well w/ 10'  
 screen (3-13' bgs)  
 3/4" well, will use 1-5' prepack  
 + 1-5' pie screen.

1400 Photo 13: WL-6 0-2' bgs (S)  
 → Sample WL-6 0-2' for  
 29B, Soluble Cl, TPH D/O (fractions)

1410 Photo 14: WL-6 2-4' bgs (S)  
 2-4'

Clayey silt w/ abundant  
 organic material/peat, black (GLEY 12.5/N)  
 v. soft, wet, has odor, EC 13.2 mS

~~Sample WL-6 2-4' for  
 29B, Soluble Cl, TPH D/O (fractions)  
 Not sampled.~~

1415 Photo 15: WL-6 4-6' bgs (S)  
 4-6' Clayey silt w/ abundant  
 organic material/peat, black (GLEY 12.5/N)  
 Meet Charles Trach 1/6/15

East White Lake Date 1/6/15 103

07-47

Sunny, Mild, 50s

WL-6 4-6'

v. soft, wet, no odor, EC > 200 mS

Sample WL-6 4-6' @ 1415  
 for 29B, Soluble Cl, TPH D/O (fractions)

1420 Photo 16: WL-6 6-8' bgs (S)

EC > 200 mS 6-8' Clayey silt to silty clay  
 black, (GLEY 12.5/N), v. soft  
 wet, no odor, organic material, rootlets

1425 Photo 17: WL-6 8-10' bgs (S)

8-10' Clayey silt to silty clay  
 black (GLEY 12.5/N), v. soft  
 wet, no odor, organic material, some  
 peat @ bottom, EC > 200 mS

→ Sample WL-6 8-10' bgs for  
 29B, Soluble Cl, TPH D/O (fractions)

1435 Photo 18: WL-6 10-13' bgs (S)

10-12' Peat, black (GLEY 12.5/N)  
 some clayey silt, moist to wet  
 No odor, soft, EC > 200 mS

12-13' Clayey silt to silty clay,  
 black (GLEY 12.5/N) some peat  
 near top, v. soft, moist to wet  
 No odor, organic material

Meet Charles Trach 1/6/15

East White Lake Date 1/6/15

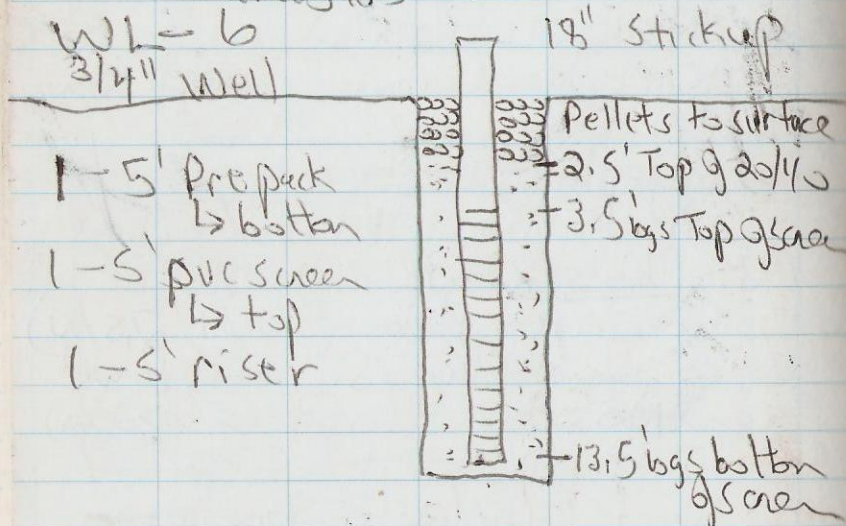
07-47

Sunny, Mild, 50's

Icon to sample last 3 feet,  
Sample wh-6 10-13' for  
29B Soluble Cl, TPH Op (fraction)  
Sample Time = 1435

1447 Photo 19: wh-6 location  
w/well (S)

1450 Icon back filled wh-4 +  
wh-5 w/ cuttings, top  
of top @ each w/ cutti  
crumbles



Icon used 1 bag 20/10 sand +  
1 bag play sand

Robert Charles Trach 1/6/15

East White Lake Date 1/6/15 105

07-47

Sunny, Mild, 60's

1515 At wh-7 Start hand auger  
N 29,734/24  
W 92,367/90

Icon to jar 0-2, 2-4, 4-6, 6-8'  
+ hold until Greg Miller decides  
what intervals + what parameter  
Icon told to put on separate  
C-O-C from all other samples

535 Photo 20: wh-7 0-2' bgs (E)

0-2'  
Silty Clay, dk. grayish brown  
Soft, moist, no odor (2.5V 4/3)  
organic material, rootlets, little sand  
EC 2.8 mS

→ Sample wh-7 0-2' bgs,  
labeled w/ 29B, Soluble Cl, fractions  
Icon jars to be held @ this time

540 Photo 21: wh-7 location (W)

555 Photo 22: wh-7 2-4' bgs (E)

2-4'  
Silty Clay, grayish brown  
Soft to stiff (2.5V 5/2)  
moist, no odor

EC 5.4 mS  
Robert Charles Trach 1/6/15

East White Lake Date 1/6/15

07-47

Sunny, Mild, 40's

Sample w-7 2-4' bgs,  
Jar for 29B, Soluble Cl, fractions

Icon jar + hold (Sample time 1555)

1615 Photo 23: wh-7 4-6' bgs (E)

↓ 4-6' Icon jar + hold

sample clay silt to peat, black

wh-7 (GLEY) 2.5/1) abundant

4-6' organic materials, v. soft wet

29B Soluble Cl fractions has odor EC > 20ms

1630 Photo 24: wh-7 6-8' bgs (E)

6-8' silty clay w/ peat, black

(GLEY) 2.5/1) soft, wet to moist, has odor, EC > 20ms

→ Sample wh-7 6-8' Jar for 29B, Soluble Cl, fractions

Icon jar + hold

1635 Icon backfill wh-7 w/ cuttings, top filled w/ crumbles

1655 Head to dock.

1710 At dock, unburying + pack samples

1730 off site

Robert Charles Tsch 1/6/15

East White Lake Date 1/7/15 107

07-47

clear, cold, 40's

0645 At boat dock.

0700 Icon onsite

1) Chris Miller

2) Drew Campbell

3) Derrick Bourcien

0745 Leaving dock, heady to site

0803 At wh-8

N 29.73445

W 92.36788

0805 Photo 1: wh-8 location (N)

0830 Photo 2: wh-8 0-2' bgs (NE)

0-2'

Silty clay, dk grayish brown

soft, moist, no odor (2.5 / 4/3)

organic material, rootlets, EC 3.0ms

→ Sample wh-8 0-2' Jar for 29B, Soluble Cl, fractions

Icon Jar + hold

0835 Photo 3: wh-8 2-4' bgs (NE)

~~0835~~ 2-4'

Silty clay, grayish brown

soft to stiff (2.5 / 5/2)

moist, no odor, EC 4.2ms

Robert Charles Tsch 1/7/15

Location East White Lake Date 1/7/15Project / Client 07-47

P. Sunny, Cold, Mo's

WL-8 2-4'

Sample @ 0835

Jar for 29B, Soluble Cl, fractions

Icon Jar &amp; hold

0850 Photo 4: WL-8 4-6' bgs (NE)

4-6'

Silty clay, grayish brown,  
to clayey silt w/ (2.5X S/G)

peat black (GLEY 2.5/N)

Soft, moist to wet &  
clayey silt/peat, ~~no~~ no odor

to odor

EC 9.4 mS

→ Sample WL-8 4-6'

Jar for 29B, Soluble Cl, fractions

Icon Jar &amp; hold

0905 Photo 5: WL-8 6-8' bgs (NE)

6-8'

Silty clay, v. dk. gray  
(GLEY 1.3/N), soft,

moist, has odor, EC 11.5 mS

Some peat, organic material

→ Sample WL-8 6-8, jar

for 29B, Soluble Cl, fractions

Robert Charles Trach 1/7/15

East White Lake Date 1/7/15 109

Project / Client

07-47

P. Cloudy, Cold, Mo's

WL-8 6-8' Icon jar & hold  
0920 Icon back fill WL-8

w/ cuttings

0945 At WL-6

H<sub>2</sub>O 11.78'

TDS 14.98'

stickup 11.52'

0958 Start purging WL-6

Time pH SC Temp Turb DO ORP Gal

1007 9.06 26.9 mS 18.8 NA NA 18 5

MPA 6.17 ~~25.00~~ 17.3 NA NA NA

1022 8.33 31.34 17.4 19.1 NA -56 1.0

MPA 6.38 29.72 16.9 NA NA -75

1048 7.74 34.15 17.2 8.38 NA -39 2.0

MPA 6.46 32.87 16.5 NA NA -78

1139 7.40 37.39 17.4 2.59 NA -1 3.0

MPA 6.61 36.43 17.2 NA NA -69

1242 7.34 40.24 20.0 3.56 NA -27 4.0

MPA 6.70 39.37 19.4 NA NA -65

1245 Start sampling WL-1

1) BTEX - Icon/MPA 2) fractions - MPA

3) TPH/DK - Icon 4) Total Metals - Icon

5) Diss Metals - MPA 6) TDS, Cl, SO<sub>4</sub>, Carb + Bicarb Alk

u) Ra 226/228

Robert Charles Trach 1/7/15

Location East White Lake Date 1/7/15Project / Client 07-47P. Sunny, Gold, 6's

1622 Finish Sampling Wh-6,  
Icon took Dup for  
Cl & Metals only.

1620 Icon PtA Wh-6  
filled pvc well w/ grout  
then removed top 5' section  
of pipe, topped off w/ grout,  
Purge water used to mix  
grout, remaining purge  
water put on ground  
Wh-4 location.

1625 Head to boat dock

1640 At dock, unburying &  
pack samples

1655 Leave dock, Icon decontaminated  
between each location, water to ground

~~Report on hand 1/7/15~~

Location \_\_\_\_\_

Date \_\_\_\_\_

Project / Client \_\_\_\_\_

