INCH

Rite in the Rain
ALL-WEATHER WRITING PAPER

Name Olympic Oil Spill

Address

START FIELD LOGBOOK

Logbook Tracking Number CH033

Site Name Olympic Oil-ER

Issue to 8/22/14

Date Issued Matt Villicana

TDD # 0004/S05-0004-1408-011

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CONTENTS

PAGE	REFERENCE	DATE

2001 CONVERSATION W/ MIKE FROM CLEAN HARBORS. THEY PLAN TO DIG A HOLE BETWEEN THE IMPOUNDMENT + WATER TO TRY + SUCK UP SOME PRODUCT.

2004 START VILLICANA → OSC BOSSMAN OFF-SITE

8/22/14

START VILLICANA.
OLYMPIC OIL ER 8/23/14

0800 START VILLICANA STARTED MOBILIZING TO SITE FROM RESIDENCE.

0815 START VILLICANA ARRIVED AT THE SITE.

0840 REPRESENTATIVES FROM STICKNEY PUBLIC WORKS AND STICKNEY FIRE DEPARTMENT ARRIVED ON-SITE.

0854 STICKNEY FD OFF-SITE AFTER LOOKING AT STORM DRAIN WHERE 00-FP-0009-082214 WAS COLLECTED

0910 START VILLICANA MET WITH KENT FROM OLYMPIC OIL. HE INFORMED ME THAT CLEAN HARBORS RAN OUT OF HOURS AROUND 2300, AND HAD TO STOP WORK UNTIL 0800

0917 KENT INFORMED START VILLICANA THAT THE VILLAGE + STICKNEY FD WERE CHECKING THE STORM DRAIN TO MAKE SURE THE WATER RUNNING IN WAS NOT THE RESULT OF A MAIN BREAK. THE RUNOFF IS FROM A DRAINAGE DITCH THAT PARALLELS THE EXPRESSWAY. ALSO, THE SKIMMING PRODUCT IS BEING CONTAINERIZED TO EVENTUALLY

Rite in the Rain

COLLECTED + TRANSPORTED BY A DIFFERENT CONTRACTOR.

0945 CLEAN HARBORS SKIMMING AGAIN. THEY ARE USING LEAF BLOWERS TO PUSH THE WHITE MATERIAL TOWARDS THE SKIMMER

1018 CLEAN HARBORS DEPLOYING SORBENT BOOM TO TRY AND CONFINE THE WHITE, OIL MATERIAL IN THE IMPOUNDMENT

BACKLOG 0915: OSC BOSSMAN ARRIVED ON-SITE

1024 BOOM IS INEFFECTIVE AT BRINGING OIL-MATERIAL TO THE SKIMMER. CLEAN HARBORS RESUME W/ LEAF BLOWER.

1047 START VILLICANA OBSERVED SOME SORT OF MANHOLE INSIDE THE IMPOUNDMENT. THE MANHOLE IS COVERED, BUT SHOULD BE INVESTIGATED.

1120 PLANT MATERIAL IS MIXED IN WITH THE SLUDGE, MAKING THE SKIMMER UNABLE TO SKIM.

1128 CLEAN HARBORS GATHERING PLANT DEBRIS AND PLACING IT INTO A DRUM.

1132 KENT FROM OLYMPIC OIL IS ATTEMPTING TO CONDENSE OIL SHEEN.

1135 CLEAN HARBORS IS DIGGING A HOLE TO SEE HOW DEEP OIL IMPACT IS BETWEEN THE IMPOUNDMENT AND RETAINING WALL

1141 CLEAN HARBORS PLACED A SUMP PUMP INTO THE HOLE THEY DUG TO ATTEMPT PUMPING MATERIAL OUT OF GRAVEL BETWEEN IMPOUNDMENT AREA + RETAINING WALL

1215 START VILLICANA + OSC BOSSMAN OFF-SITE TO RETURN @ 1700.

BACKLOG 1205 CONVERSATION W/ KENT. THEY WILL RUN OUT OF TOTES TODAY, SO THEY WILL HAVE TO CONTINUE ON MONDAY AFTER THEY FINISH TODAY.

1630 START VILLICANA ARRIVED BACK ON-SITE.

1707 OSC BOSSMAN ARRIVED ON-SITE.

1715 START VILLICANA + OSC BOSSMAN WALKED AROUND THE SITE TO SEE WHAT PROGRESS WAS MADE.

1743 START + EPA OFF-SITE. OSC BOSSMAN INDICATED SHE WOULD LIKE START ON-SITE MONDAY @ 0900 FOR A WALK THROUGH W/ WDPA.

Matt 8/23/14

Rite in the Rain.

START VILLICANA
OLYMPIC OIL ER 8/25/14

0800 START VILLICANA STARTED MOBILIZING TO SITE FROM RESIDENCE.

0845 START VILLICANA ARRIVED ON-SITE

0850 OSC BOSEMAN ARRIVED ON-SITE

0900 MEETING W/ KENT

0910 MEETING W/ IEPA 6x275g TOTES FILLED 4 DRUMS FILLED W/ MATERIAL LIKE SORBENT PADS. 2x2x2.5' SUMP DUG. BROWN OILY MATERIAL PRESENT W/IN BOOMS, SOME ~~BOOM~~ OIL, HAS GOTTEN OUTSIDE THE BOOM. OSC BOSEMAN IS GOING TO CALL ATTORNEYS + IEPA IS GOING TO ISSUE A SECTION 43. OSC BOSEMAN WANTS TO SEE THE FRP TO SEE THEIR TIMEFRAMES.

1029 CLEAN HARBORS ON-SITE.

1142 CONVERSATION W/ KENT AND THE PM FROM CLEAN HARBORS.

CLEAN HARBORS IS WORKING ON BRINGING IN AT LEAST TWO TANKER TRUCKS TO PUMP OUT THE IMPOUNDMENT. THE TRUCKS MAY SHOW UP THIS AFTERNOON TO THIS EVENING. THEY PLAN TO START SUCKING OUT THE SUMP AREA IN THE MEAN TIME.

1230 START VILLICANA OFF-SITE TO ~~COLLECT~~ (MV) PICK UP ADDITIONAL SAMPLING SUPPLIES FROM T+ OFFICE.

1340 START VILLICANA ARRIVED BACK ON-SITE.

1445 CONVERSATION W/ KENT + EQM

12 POINT PLAN:

- GAUGE THE MW ~~—~~ IN THE COURT YARD
- LOOK HARDER AT THE TRUCK RACK
- PRESSURE TEST THE LINES
- FIND A CONTRACTOR TO DEEP CLEAN THE TRUCK RACK
- FIND CONTRACTORS TO FIX THE TRUCK RACK

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- REMOVE WATER FROM CONTAINMENT
- CLEAN THE CONTAINMENT AREA
- MAINTAIN THE BOOM + MAKE SURE NOTHING GETS OUT
- FIND A WAY TO CLEAN GRAVEL
- LOOK @ SEWER SYSTEM TO SEE IF THERE IS OIL MIGRATING THROUGH.
- CONTINUE TO PULL WATER OUT OF THE SUMP.
- PORTIONS OF THE SEWER ARE COLLAPSED.

1515 CO-FP-010-082514 COLLECTED FROM BARGE DOCK
1525 CO-FP-006-082514 COLLECTED FROM STAINED HILL
1535 CO-FP-011-082514 COLLECTED FROM FLOOD WATERS NEAR BASE OF STAIRS
1645 KENT FROM DATA INFORMED ME THAT CLEAN HARBORS WOULDN'T BE ON-SITE UNTIL 0700 TO BEGIN PUMPING THE IMPOUNDMENT.
1720 START VILLICANA + OSC BOSEMAN OFF-SITE.

8/25/14

START VILLICANA
OLYMPIC OIL LTR
8/26/14

0615 START VILLICANA STARTED MOBILIZING FROM RESIDENCE
0645 START VILLICANA ARRIVED ON-SITE
WEATHER: MID-70s, PARTLY CLOUDY, HUMID
CALM WINDS
0700 MET WITH KENT KEULER, WHOM ESCORTED START VILLICANA BACK TO THE DOCK.
0720 CONVERSATION WITH KENT KEULER. THUS FAR, THEY HAVE PULLED ~800 GALLONS OF FREE PRODUCT FROM THE TEMPORARY SUMP
0745 OSC BOSEMAN ARRIVED ON-SITE.
0750 - CHUCK FROM IEPA ARRIVED ON-SITE.
- CLEAN HARBORS ARRIVED TO START PUMPING WATER OUT OF THE CONTAINMENT AREA.

BACK LOG 0700: INITIAL SURVEY. CONTAINMENT AREA HAS THE WHITISH SLUDGE APPEARING AGAIN. SHEEN IN THE RUNOFF FROM THE CONTAINMENT AREA INTO THE SUMP. THE TRUCK STACK AREA HAS SUNKEN

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STAINING OILY SLUDGE STILL PRESENT IN THE GRAVEL BENEATH THE TRUCK STACK + DOWN INTO THE CONTAINMENT AREA.

0845 ERM ON-SITE TO LOOK @ MWs ~~+ F~~

0953 A REPRESENTATIVE FROM THE CHICAGO METROPOLITAN WATER RECLAMATION DISTRICT ARRIVED ON-SITE

BACKLOG 0900: IEPA INSTRUCTED ERM TO PUMP OUT SUMP.

1003 WALKTHROUGH THE SITE W/ MWRD REP

1010 CLEAN HARBORS LEAVING W/ FIRST FULL LOAD ~2500 GALLONS.

1059 START VILLICANA IDENTIFIED SEVERAL OTHER SUMPS AND STORM DRAINS ALONG THE SOUTHERN PROPERTY EDGE DURING THE WALKTHROUGH W/ OSC BOSEMAN, IEPA (MARK + CHUCK) + THE MWRD REP.

1103 MEGHAN MILLER, H+S MANAGER FROM CORPORATE DELTA COMPANIES GROUP ARRIVED ON-SITE.

1138 - A 5,000-GAL TANKER TRUCK FROM BEAVER OIL JUST ARRIVED TO PUMP OUT THE CONTAINMENT AREA

1143 THE 5,000-GAL TRUCK JUST STARTED PUMPING

- CONVERSATION W/ KEITH FROM ERM, ~~THE~~ STI CANNOT BRING A TRUCK TO ASSIST BUT THEY ARE BRINGING A 20,000 GALLON FRACK TANK + PUMPS.

1321 CONVERSATION W/ KENT.

- FRAC TRUCK ON ITS WAY
- VAC TRUCK #2 FILLING UP + WILL RETURN.
- 2ND CLEAN HARBORS TRUCK ON ITS WAY
- ~2500 GALLONS TAKEN IN FIRST TRUCK
- WILL CONTINUOUSLY ROTATE UNTIL
- ITS EMPTY
- SUMP IS NOW RUNNING AUTOMATICALLY.
- ERM WANTS TO LOOK @ MWs

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THE SHEEN W/ THE SORBENT BOOM.

1828 BEAVER OIL VAC TRUCK AFTER FILLING UP FROM FRAC TANK.

1838 START VILLICANA + OSC BOSEMAN OFF-SITE.

8/26/14

START VILLICANA + RENNER

OLYMPIC OIL ER 8/27/14

0700 START VILLICANA STARTED MOBILIZING TO THE SITE.

0730 START VILLICANA ARRIVED AT THE SITE. WEATHER: MID-70s, PARTLY CLOUDY, BREEZY, HUMID.

0741 START VILLICANA CONDUCTED A WALKTHROUGH AT THE SITE TO DOCUMENT THE PROGRESS THAT HAD BEEN MADE.

0800 START RENNER ARRIVED ON-SITE START VILLICANA ESCORTED START RENNER AROUND THE SITE TO FAMILIARIZE HIM W/ THE SITE.

0834 FUTURE VAC TRUCK ARRIVED ON-SITE.

0930 OSC BOSEMAN ON-SITE

1000 CONVERSATION W/ OSC BOSEMAN + MEGHAN MILLER
- BRINGING IN ANOTHER FRAC TANK, SO THEY CAN PUMP OUT IN CASE OF RAIN.
- THEY DON'T WANT TO CLEAN + SEAL THE CONTAINMENT UNTIL THE SOURCE IS FIXED
- MIGHT BRING IN A BOBCAT TO MOVE BAD STONE OUT + BRING

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IN NEW STONE.
- TRYING TO WORK IN PARALLEL
+ MULTI-TASK w/ ACTION ITEMS.

1029 - EPA contacted IEPA. IEPA to arrive @ 11:30.

1032 - Photo 1 - Photo of SET pumping out water of cement pad for filling barges

1151 - Close view of pumping - Photo 2
SET had to switch pumps

1201 - Photo 3 - View of contaminated area post drain
1205 - Photo 4 - SET Digging trench to better drain area
1215 - ~~[illegible]~~ - 2 IEPA, 3 SET, 3 ERM, 1 EPA
2 - IEPA
3 - SET
3 - ERM
1 - EPA
2 - START
Attended a meeting to discuss plan of action

1st Priority - Remove water from containment area
2nd Priority - Clean trench vac area
Working from the top down.

- Remove gravel that is stained
- Surface scrap containment area
- Flush drainage system in containment area

- Soil & Groundwater investigation
- An investigation of source

- Put a temporary berm around containment area until a permanent solution can be found.

- Perform boom sweeps in canal to remove sheen

- Pressure testing pipes, & cleaning pipes could reveal leak

-

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- Monitor sump pump on outside of Containment area

- Remove fluid & free product - 1
- Address drainge piping - 2

- EPA would like to see manifest & timeline of actions

- 36,400 gal removed from containment area

- 1360 gal from sump area

- Olympic Oil was purchased by Delta in 2007

- Olympic Oil will be getting a cost, timeframe, and course of action on removal of surface layer in containment area as soon as possible.

- EPA Concerned that Megan the Environmental Rep from Delta is leaving on the 28th & Kent the plant supervisor can't handle

Plant operations & oversee clean up.

- Containment area was formally a tank farm - Historical photos show it was made between 1951-1973

- Containment area pre-2002

1230 - SET removing water from tote storage area & M1701 Area

1345 - MWRD Arrived on site - spoke w/ Kent -

- Olympic violated lease by not notifying MWRD right away of realease.
- 2 personel from MWRD

- Lease started @ end of 2014, included notification provisions that Olympic did not comply with

- ~~Will be issue a IEPA will be issuing a violation~~ a CONFIDENTIAL

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- ~~MWRD~~ ~~[illegible]~~ as
When MWRD receives violation, they will send a letter indicated that they have 30 days to fix problem

Meeting @ 1413 - Kent, ERM, EPA, 2 MWRD + EPA

- Plan for 8-28
  ↳ 1. Fix/Seal containment area
- ERM will be managing the site, ERRC ~~Walters~~ Slayter will be contact
  → Megan HSE from Delta will discuss containment of truck rack area & removal/evaluation of containment area.

8-28-2014 75° Sunny

0630 - START (CR) arrived on site. Spoke w/ Kent, about plan for today & who will be managing.
Eric Slayter - ERM will be heading up work. Know site above & below ground. Will be investigating & removing contamination in containment area.

0700 - Eric Slayter ERM arrived on site -
Spoke w/ him about plan
- Install a berm around truck rack area
- Get a hurricane vac to suck up stained gravel on slope of hill.
- Scrape layer off of contaminated area

0835 - SET Arrived on site, Megan - HSE
- Plan is to remove 6-8" off top of containment area
- Vac out trans in truck rack area
- Possibly remove gravel from truck rack area
- Vacuum oil/water from truck rack area

0910 Ingersoll on site
Backhoe 0815 - Richards excavating Inc on site
↳ Working under SET

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0900- Future Environmental on site - Vac trucks
Richards Personal - Kirt Falk, Jon Waterman

- Sump is collecting more heavy oil compared to mostly water before
PM for SET START has
- Howard asked that any questions ~~[illegible]~~ about SET or Richards Excavation be directed to him

0945- SET begining to set up Hurricane Vac for contaminated gravel removal

0954- Future Vac Truck set up to begin removing more oil/water from containment area to remove free product from soil, to dry be able to dispose of soil there cannot be free product.

1020- Richards began removal of gravel w/ excavator @ truck rack area
SET is setting up vacum line

1035- SET began vacuming oil/oil/dry from truck rack area.
Backlog: EPA & IEPA arrived on site @ 0955

1055- Meeting w/ IEPA-2, ERM-1, Megan HSE, START-1, EPA-1

Eric Slayter - ERM is the point of contact - 636-667-4398-Cell
Email - Eric.Slayter@ERM.com
- Ground water is very close to surface @ containment area
-
- Possible work on Saturday
- Delta needs a permit from MWRD to run property to west of site 30 day w/ renewable
- Plan vac up truck rack
- Once permit is done, have excavator dig out ~~contaminated~~ containment area

1252- SET has vacuumed majority of truck rack area, water scale still has significant amount of free product. Richards Excavator have scraped & filled gravel areas around truck rack

Rite in the Rain

Backlog 1230 - Megan ~~Muellen~~ Miller w/ Delta left site returning to TN

1327 - SET starting to vacum rocks off slope of hill that are stained w/ oil
Also begining to pressure wash truck rack area

1415 - During cleaning of the truck rack area the sump was cleaned & vacumed out a leak was discovered by SET this is a potential source for the oil moving downhill

1500 - Richards began removing layer off the top of containment area
Scraping 2" at a time, contamination appears to be limited to top 6"

1605 - SET finished vacuming rock on slope for the day

1645 - Meeting w/ Kent, Erie, & EPA

Summarize - Removed material from truck rack, sprayed w/ surfactant, power washed

- Saw holes in sump and when they were pressure washing water went into sump & began flowing down hill

- Burm put in place & stone put in place

- Evacuated some rock on slope but to went to such up

- Will be able to move roll off closer to containment area tomorrow

- Oil in sewers & will need to clean out system

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- Tomorrow: Excavate side slope, excavate containment area

- Work might be done over the weekend, depending on production on 8-29

Left site @ ~~09~~ am 1715

8-28-2014

Cecil [illegible]

8-29-2014

0700 - START Renner, SET, ERM on site
Weather: 6 am 70°F Overcast, chance of rain

0740 - Safety meeting with crew
Eric (ERM) said the plan today is to seal the crack is the wall @ the truck rack area. Also, to get the roll off near to the containment area since the permit was obtained for the neighboring property to the west from the MVRD. This will allow the excavation of the containment area to go much faster. Also, further clean up of the slope will continue using a back hoe & manual labor. Absorbent pads & vacuum will be used for product under the scale. The sewer will be excavated & cleaned to prevent contamination during a storm event.

* Rain event occured night of 8-28
~~Minor puddling, did not effect site~~ Cc

Rite in the Rain

The rain event pushed some product into the canal an oil sheen was observed in the boa area.

0830- Truck arrived to ~~remove~~ move roll-off w/ contaminate gravel & debree sucked up by hurricane vac. to area nearer to contamination site

0900- SET began to vac out manholes in containment area

Backlog- 0823- Future vac truck arrived on site

3/8" of oil in manhole

1026- SET Cleaning out sump area, which is believed to be the source of the leak. SET will line sump with plastic, fill it, then put a pump in to stop any more leaks.

1200- Excavator hit flush mount monitoring well in containment area, well did not break but the cement footing & cap were dislodged

Backlog: 1130- SET is cleaning out metal separator for the truck scale. In order to put a sealer down

1230- START, SET, & Workers take lunch

13:05-13:11 - Return from lunch

1319- EPA OSC Boseman on site

1423- Site Check w/ OSC Boseman

1516- Removal of rock and top layer of slope revealed further saturation than though originally it appears to be from an old incident.
The wood support wall at the bottom of the slope was removed where the oil had moved down into the containment area.

OSC Boseman concerned about RP chain of command to report to on Storm Event over the weekend (8-29 thru 9-1)

Rite in the Rain

Negotiated response times & who will be responding in case of a storm event.

1527- SET began digging out area between containment wall & bank

1530- SET poured cement cap in sump area of truck rack

1613- Kent response time 40 min
SET response time max 2 hrs for the weekend.

1622- SET laying plastic over sump pump out side containment wall

1627- SET filling in cracks in bottom containment wall of truck rack area

1702- SET completed work for Day
1720- Richards completed excavation work for the day, Containment area & slope were completed.
1730- START Off-Site

8-30-2014 78°F Overcast

0850- START on site
0910- OSC Bateman on site
START Planner observed a slight sheen in the boom area of site & attempted to sample. There was not enough product to collect a sample from.
09:40- START Planner left Site

Rite in the Rain

~~8-31-2014~~ @ 9-1-2014

0855-OSC Bosman arrived on site to inspect sheen in boom area. Due to the Labor day holiday the facility was closed & no clean up activities were taking place.

- Kent Keutzer was contacted via cell & security unlocked the gate to access spill area.
- Conditions inside the boom area were a very small pocket areas of sheen; containment area mostly dry & no sheen; swamp outside of containment mostly dry

0955-OSC Bosman left site

09-02-2014 68°F, Cloudy, NW 1mph

07:00 START Remer, ERM Eric Slayter arrived on site

0730-SET arrived on site

0745-START observed minimal oil sheen in boom area. There was to small of an amount to sample. Sump pump between bank & containment wall is dry as well as containment area.

- Oil was observed inside the manholes in the containment area

07:55-Spoke with ERM Eric todays plan is to clean containment wall & cement in containment area

0800-SET workers began to dig out rock along ~~wall~~ containment wall

0837-Olympic employee caulked holes in cement pad at barge load area

0850-Spoke w/ Eric, a total of 7 roll-offs were used 8-29 for the rock removed from the containment area & the slope. ~2700 gal are currently in the frac tank.

Rite in the Rain

0920 - SET began to spray & scrub containment area wall. Spraying w/ detergent & scrubing then powerwashing.

0950 - After cleaning & letting wall dry, residual oil was still observed on the wall. SET began a second cleaning of wall.

- 4" PVC piping along north edge of containment area drains into MH-05 which then drains into manhole @ east end of containment area

1140 Piping was pulled up & angled west in the Northeast corner to facilitate draining

- Puddling occured & absorbent pads were used to dry up oil/water mixture

1131 - Contaminated rock need to be dug out from around the drainage piping in containment area. Richards Excavation is coming back to do this work.

1135 SET Vac truck arrived & Richards excavation arrived on site

~1-2" of gravel underneath pipe

1145 - vac water/oil out of pvc pipe ERM recomends removing piping to remove the potential source of contamination

1218 - EPA OSC Boeman & Brown arrived on site

Boeman showing Brown the site, Brown to take over to replace Boeman

1315 - Olympic employee cleaning barge loading pad, fixed the leaking valve.

1440 - Flushing piping in manholes - SET

1505 - Crack in Northeast corner of containment area was the leak outside significant staining around the area

1545

~~1345~~ Piping coming South into MH-01 was observed to be blocked will be flushed 9-3.

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1550 ~~1550~~ - START observed oil paddle & sheen @ top of slope

1610 - Ian - Delta GM arrived on site

1620 - SET & Richards excavation began cleaning & site decon

1630 - OSC Anita & START on site

9-3-2014

0700 - SET, ERM, START on site

0730 - Richards excavation ~~began to~~ continues removal of rock & soil in the area of the removed piping

0808 - SET began to fix crack in the northeast corner of containment area & vacuumed up water in the hole dug yesterday along the north wall

0829 - SET vacuumed out sewer on the east outside of the containment area to the east

0854 - SET laid absorbent pads on slope to absorb any residual oil

0913 - SET cleaning outside of containment wall & digging up stained rock

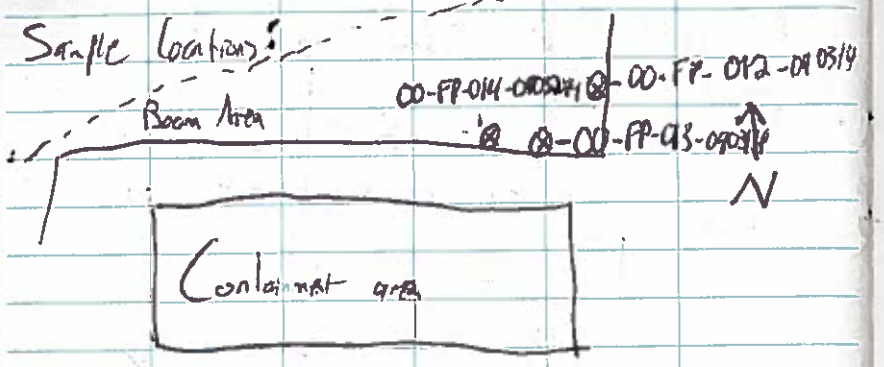
1004 - Oil sheen observed in canal near where SET is cleaning the containment wall

1046 - Samples were collected from canal of the oil sheen by START

Rite in the Rain

Not to scale

Sample Locations:



1310 - Richards excavation left site
Building - 1200 - SET & Richards took lunch

1310 - SET began setting up lines for sewer system flush
- Connecting air line to inflate plug for outfall

1335 - SET vacuuming out MH-01
1345 - SET entered boat to install plug in outfall
1349 - SET Installed plug successfully in outfall
1353 - SET power washed MH-01, vacuumed up run-off
1402 - SET flushed out pipe leading to and out (outfall into canal) with steam/hot water
1452 - SET put out a new Boom

1510 - ERM - Eric Slater gave START & EPA an update. SET will not be on site tomorrow. Surface soil sampling will be collected on & @ the base of the slope.
- Eric stated oil sheen earlier was from power washing spray off
- EPA would like an updated FRP
- A.G.

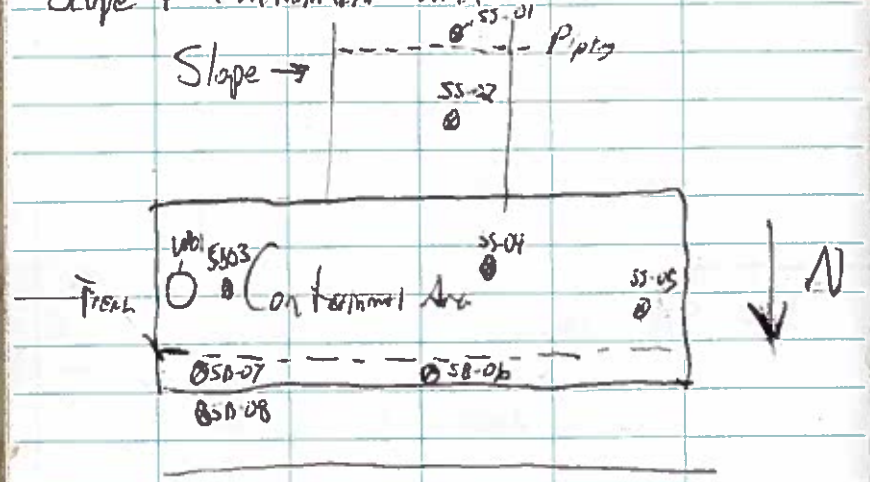
1530 - SET layed plastic across top of slope to trench rock to prevent runoff from picking up oil on slope

1410 - SET Cleaned up & decon: equipment
1420 - START off site

09-04-2014 70° overcast, chance of rain

0710 START arrived on site

ERM & START to sample surface soil on Slope & containment area



Canal

Not to scale

SS-01 : 0750
SS-02 : 0755
SS-03 : 0800
SS-04 : 0805
SS-05 : 0810
SS-06 : 0815
SS-07 : 0820
SS-08 : 0825

09-05-2014 72° Sunny

0830 - START arrived on site

0850 - EPA & ERM arrived on site

0900 - ERM began to sample monitoring well inside the containment area

10AM - Samples collected after well was emptied & allowed to recharge by ERM

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