Appendix B

Daily Quality Control Reports
**DATE**  November 5, 2012

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<td>WEATHER</td>
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<td>Overcast</td>
<td>Rain</td>
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<td>To 32</td>
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<td>60-70</td>
<td>70-85</td>
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**SUB-CONTRACTORS ON SITE:**  NONE

**EQUIPMENT ON SITE:**  PERSONAL VEHICLES / RENTAL VEHICLES ONLY

**WORK PERFORMED (INCLUDING SAMPLING):**

- Mobilization activities: checked, relabeled, flagged team
- Informed valve house, note elevated water level within vault
- Check PE 2 location
- Discussed radiation screening & decom procedures
- MTB [redacted]: spent day doing baseline setups on all of their equipment.

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DAILY QUALITY CONTROL REPORT

Sheet 1 of 2
**QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):**

HP Support (redacted) doing all their baseline setups.

**HEALTH AND SAFETY LEVELS AND ACTIVITIES:**

LEVEL D

**PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:**

NONE

**SPECIAL NOTES:**

**TOMORROW'S EXPECTATIONS:**

Continue mobilization activities. Begin gamma scans of boring/excavation locations.

**BY** (redacted) **TITLE** Site Supervisor/Geo. System Manager
DAILY QUALITY CONTROL REPORT

URSF-0031 OF 2/DOCREP

DATE: NOVEMBER 6, 2012

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SUB-CONTRACTORS ON SITE:

MODERN DISPOSAL (PROFESSIONAL)

EQUIPMENT ON SITE:

SHOVEL AND METAL DETECTOR

WORK PERFORMED (INCLUDING SAMPLING):

- CHECK RENTAL EQUIPMENT THAT WAS PICKED UP YESTERDAY
  (MULCHING PLUG, POLARISATION PUMP)
- NO PROBLEMS, METER NOW WORKING.
- DISCUSS POPULIZATION ACTIVITIES OF ACEE PERSONNEL AND HP SUPPORT.
- ANY POLY TANKS CAN EVER BE USED FOR WATER.
- DONALD RIMMER (USER) ASSISTED WITH CONNECTING "LEAD" FOR UTILITY MARKOUT @ PE2 LOCATION.
- TRIED TO LOCATE MH41 USING METAL DETECTOR.
- MARKED 3 SUSPECT LOCATIONS.
- PERFORMED CORDON SURVEY @ MH950, MH951-950, MH959 AND MH956.
- CONFIRMED DRAIN ENTRY TO CLEAN & CONNECT LEAKED VALVE PIT.
- PERFORMED ADDITIONAL RADIATION TRAINING FROM

SHEET 1 OF 2
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<th>QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):</th>
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<th>PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:</th>
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<th>SPECIAL NOTES:</th>
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<tr>
<th>TOMORROW'S EXPECTATIONS:</th>
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<tr>
<td>CONTINUE MOBILIZATION ACTIVITIES</td>
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<tr>
<td>GEOPHYSICS ON-SITE</td>
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<td>GAMMA SCANS</td>
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DATE: November 7, 2012

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SUB-CONTRACTORS ON SITE: Hager-Richter

EQUIPMENT ON SITE: PVS -

GEOPHYSICS EQUIP, Magnetometer, EM-31, GPR, PUL

WORK PERFORMED (INCLUDING SamPLING):

GEOPHYSICS WALKOVER: SOUTH END & SOUTHEAST CORNER OF LAWN

CONDUCTED COMMON SCAN, MRI 957, MRI 959, MRI 1945, MRI 946

CONDUCTED COMMON SCAN, MRI 948, MRI 949, MRI 947

DISCUSSION TOOK PLACE BETWEEN [REDACTED] AND [REDACTED] REGARDING

LOCATION OF PGT EXCAVATION BASED ON GEOPHYSICS MAKEUP, DURING

SLIGHTLY DIFFERENT LAYOUT THAN ANTICIPATED, AND MAKING SURE WE MEET INTENT OF SEALING FIRE AT PROPER PLACE.
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

BUMP TESTED MULTIRAT PLUS, READING SLIGHTLY HIGH, WILL CALIBRATE PRIOR TO USE.

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

LEVEL D.

PROBLEMS ENCOUNTERED; CORRECTION ACTION TAKEN:

NONE

SPECIAL NOTES:

TOMORROWS EXPECTATIONS:

GEOPHYSICIST (MARK RIGTER) - TO COMPLETE ACTIVITIES AT ALL INVESTIGATION LOCATIONS.

[REDACTED] - TO COMPLETE GAMMA X-RAYS EAST AREA OF WELL AND P&3 SCAN CORRIGS WHEN THEY ARRIVE

FIRST SHIPMENT - OF CORRIGS/CORRIG BOTTLES TO ARRIVE

BY [REDACTED] TITLE Site Supervisor
DATE: November 8, 2012

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SUB-CONTRACTORS ON SITE:

HAYES-BAERER - (GEOPHYSICS)

EQUIPMENT ON SITE:

Magnetometer, PUL, EM 1, EM 31

WORK PERFORMED (INCLUDING SAMPLING):

- Continues utility locate @ all locations
- Completed gamma scans @ east side of IWES P/E 1 Location, P/E 3 Location
- Completes geophysics @ P/E 3, P/E 2, MW 94, MW 945, MW 946 and additional MW 946 Location, MW 948, MW 949, and MW 947. Back to P/E 1 Location @ end of day.
- Starts scanning coolers
- Starts sorting coolers + bottles
- Located MW 41 - and inspected depth + flagged location

DAILY QUALITY CONTROL REPORT
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

NONE

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

LEVEL D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

NONE

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:

RADIATION SAFETY TRAINING
### Daily Quality Control Report

**Date:** November 9, 2012

**Project Manager:** [Redacted]

**Project:** NFSS BOP Field Investigation

**Job No.:** [Redacted]

**Contract No.:** [Redacted]

#### Weather

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#### Temperature

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#### Wind

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#### Equipment on Site:

None

#### Work Performed (Including Sampling):

- Automated Safety Training - Attended by [Redacted]

**Reported:** Longyear

**Signed:** URS [Redacted]

**Submitted:** Russo [Redacted]

---

**SUB-CONTRACTORS ON SITE:** No contractors on site

**TRAINING AT URS BUFFALO OFFICE**

**DAILY QUALITY CONTROL REPORT**
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

NONE

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

N/A

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

NONE

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:

BOAT LONGYEAR MOBILIZES
HP SUPPORT TO SCAN BASELINE FOR RIG + BL EQIP
START HAND CLEAN
HAS BRIEFING WEDLY.

BY

TITLE SITE SUPERVISOR
SUB-CONTRACTORS ON SITE: [Hands Long Var]

EQUIPMENT ON SITE: [Bobcat, Boy Truck, Spider Rig (Sonic Rig), Support Truck]

WORK PERFORMED (INCLUDING SAMPLING):
- Mobilizes to site.
- Installs equipment setup on pad.
- HP's backhoe scan all drill rig equipment.
- Mobilize rig to MW 951, hand auger to 5', drill & sample to 20'.
- Downhole scan hole.
- Four samples collected: MW 951850.00055-0001
  - MW 951850.00055-0002
  - MW 951850.15-0003
  - MW 951850.19-0004
- Set/leave casing @ 20' for overnight.
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALibrATIONS):
A MULTIGASM PLUS FROM AM CAL, MULTI GAS CAL, VOC CAL
CALIBRATION COMPLETED 08/18, OK TO USE

LEVEL: D+

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:
NONE

SPECIAL NOTES:

TOMORROWS EXPECTATIONS:
SET WELL @ MW 951

BOB TO MW 950, DRIVE AND SET WELL.

NOX TO MW 950, DRIVE AND POTENTIALLY SET WELL.

BY: [Signature]
TITLE: Site Supervisor
DATE: 11/11/12

WEATHER

Bright Sun  | Clear  | Overcast | Rain  | Snow
To 32    | 32-60  | 50-70    | 70-85 | 85 up

TEMP

To 32    | 32-60  | 50-70    | 70-85 | 85 up

WIND

Still    | Modr   | High     | Report No.

HUMIDITY

Dry      | Modr   | Humid    | 07

SUB-CONTRACTORS ON SITE:

EQUIPMENT ON SITE: SPIDER RV, BOX TRUCK, PICKUP, TRAILER, BUCKET

WORK PERFORMED (INCLUDING SAMPLING):

SET WELL @ MU 951

SAMPLE AND SET WELL @ MU 950

SAMPLE AND SET WELL @ MU 960

Samples

MU 950 SB 10.5 - 11.0 - 0006
MU 950 SS 0.0 - 0.5 - 0005
MU 950 SB 2.0 - 2.5 - 0007
MU 950 SB 15.0 - 15.5 - 0008
MU 950 SB 10.5 - 11.0 - 9001 (DUPLICATE)

MU 960 SS 0.0 - 0.5 - 0007
MU 960 SB 2.0 - 3.0 - 0010
MU 960 SB 2.0 - 3.0 MS-9002
MU 960 SB 2.0 - 3.0 MSD-9003
MU 960 SB 7.5 - 10.0 - 0011
MU 960 SB 12.0 - 12.5 - 0012

DAILY QUALITY CONTROL REPORT

SHEET 1 OF 2
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):
Fine 061.64 Muntaq Fle C1-BORED 29 KOPAMIS And don, 229 mm Snooker 50/40
AND 20.9 oxygen.

HEALTH AND SAFETY LEVELS AND ACTIVITIES: LEVEL D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

3 REFUSALS @ MW 160 via hand auger deepest 3.5' on rock

USED RIG TO GET THROUGH (i.e. started sampling @ 3.5')

MW 951 may be screened deeper than historical test hole.

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS: MW 959, MW 956, START MW 957?

BY: TITLE: Site Supervisor.
Goodell Street
Buffalo, New York 14203
(716) 856-5636

PROJECT MANAGER _______________________
PROJECT ___ NESS BOP FIELD INVESTIGATION ______
JOB No. _________________________________
CONTRACT No. ___________________________

SUB-CONTRACTORS ON SITE: BLY

EQUIPMENT ON SITE: SPREAD RIG + SUPPORT TRUCKS, BOBCAT

* EXCAVATOR SENT OFF-SITE FOR RECON * THEN IT RETURNED @ MW959

WORK PERFORMED (INCLUDING SAMPLING):

SAMPLE - MW959 SS 0.0-0.5-0013
MW959 SB 0.0-0.5-0014
MW959 SB 1.0-1.5-0015
MW959 SB 1.0-1.5-0016

SETUP @ MW956, HAND AUGER 0-5, SOME SAMPLE TO 20'
SCAN CORE, GAMMA LOG ENTIRE HOLE.

SAMPLE - MW956 SS 0.0-0.5-0017
MW956 MW956 SB 0.5-3.0-0018
MW956 MW956 SB 3.5-16.0-0019
MW956 MW956 SB 15.5-16.0-9004
MW956 MW956 SB 16.5-17.0-0020

- ORGANIZE BOTTLE SETS FOR SAMPLING

DATE 1/12/17

WEATHER

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DAILY QUALITY CONTROL REPORT

SUB-CONTRACTORS ON SITE: BLY

EQUIPMENT ON SITE: SPREAD RIG + SUPPORT TRUCKS, BOBCAT

* EXCAVATOR SENT OFF-SITE FOR RECON * THEN IT RETURNED @ MW959

WORK PERFORMED (INCLUDING SAMPLING):

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MW959 SB 0.0-0.5-0014
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- ORGANIZE BOTTLE SETS FOR SAMPLING

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DAILY QUALITY CONTROL REPORT

SUB-CONTRACTORS ON SITE: BLY

EQUIPMENT ON SITE: SPREAD RIG + SUPPORT TRUCKS, BOBCAT

* EXCAVATOR SENT OFF-SITE FOR RECON * THEN IT RETURNED @ MW959

WORK PERFORMED (INCLUDING SAMPLING):

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DAILY QUALITY CONTROL REPORT
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

CALIBRATE MULTIRAX Plus (#06164) TO 100ppm Hexanal
50 CO 25 H2S 0%LEL 20.9% O2

CALIBRATE MULTIRAX Plus (#04789) TO 100ppm Isobutylene
50 CO 25 H2S 0%LEL 20.9% O2

HEALTH AND SAFETY LEVELS AND ACTIVITIES: LEVEL D+

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

EXCAVATOR SHOWED UP "CAKED" WITH DIRT FROM ANOTHER SITE
SENT OFFSITE FOR DECON

SPECIAL NOTES:

TOMORROWS EXPECTATIONS:

BLY @ MW 957 & MW 958

EUS50 & 90 equipment scanned, mobilization activities
start @ PE 3 depending on weather

[Signature] SITE SUPERVISOR
SUB-CONTRACTORS ON SITE: BOAST LONGYEAR, RUSCO DEVELOPMENT

EQUIPMENT ON SITE: SPYDER RIGS, SUPPORT EQUIPMENT, EXCAVATOR, TRENCH BOX, SUPPORT TRUCK.

WORK PERFORMED (INCLUDING SAMPLING):

- MW957 - HAND CORE TO 5', SAMPLE TO 15', SCAN CORE, DOWNHOLE SCAN
- MW958 - HARD CLEAR TO 5', SAMPLE TO 10', SCAN CORE, DOWNHOLE
- MW958S50-05-0025
- MW958S50-05-0026
- MW958S75-75-0027
- MW958S75-8.0-9005
- MW958S87.5-9.0-0028

DECON EQUIPMENT, MOB TO MW946, HAND CLEAR TO 40', SAMPLE MW946S50-0.0-0.5-0029

RUSCO - START EXCAVATION @ PE-3, EXPOSED 3 PIPES (2-10", 1-3")
- SAMPLED SOIL BENEATH ALL 3 PIPES:
  - PE3SB 8.0-8.5-0101
  - PE3SB 8.0-8.5-0102
  - TB1-111312 (FOR BOTH WATER AND SOIL)

"WATER SAMPLED FROM 2 OF 3 PIPES (2.10" PIPE)
- PE3 PIPE 17.0-7.5-0103
- PE3 PIPE 17.0-7.5-0105
- PE3 PIPE 2 7.0-7.5-0105, PE3 PIPE 2 7.0-7.5-0105

DAILY QUALITY CONTROL REPORT
**PROJECT**

**REPORT No.**

**JOB No.**

**DATE**

---

**QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):**

- CALIBRATED MULTIRAE

---

**HEALTH AND SAFETY LEVELS AND ACTIVITIES:**

- LEVEL D/D+

---

**PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:**

Potentially甲烷Gas in two of pipes. Monitored - BZ - in hole.

---

**SPECIAL NOTES:**

---

**TOMORROWS EXPECTATIONS:**

- Continue PE-3 move southward towards 4th Apr.
- BY - Continue MW946 run to MW947 then potentially 948/949.

---

**TITLE**

Super User
DATE: 11/14/12

WEATHER

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PROJECT MANAGER

PROJECT: **REPAIR FIELD INVESTIGATION**

JOB No. 11176781

CONTRACT No.

SUB-CONTRACTORS ON SITE:

- RUSSO
- BOART LOWRY

EQUIPMENT ON SITE:

- SPYDER RIG
- EXCAVATOR, TRENCH BOX, CEMENT TRUCK

WORK PERFORMED (INCLUDING SAMPLING):

- Sampl PIPE 3 CPE 3 (PE3 PIPE 37.0-7.5-0126) plus duplicate
- PE3 PIPE 3 7.0-7.5D-9122 (Plus filtered samples
- 3 sediment samples: PE3 PIPE 1 SPD 7, limited volume
- PE3 PIPE2 SPD 8
- PE3 PIPE 3 SPD
- Plugged lines 2 Pipes 1 -> 3, with concrete:

  - BLY - Complete wells MW946, 7947
  - HYDRAULIC PENDANT @ several accessible locations
  - Collected EB1-111412 and EB2-111412 rinse blanks
    - MW946 686.0-65-0020, MW946 588.0-75-0031, MW946 6B120-125-0082
    - MW947 650.0-05-0033, MW947 582.0-25-0034, MW947 5B140-145-0035
    - MW947 5B180-118.5-0036

DAILY QUALITY CONTROL REPORT

Sheet 1 of 2
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

Daily calcs on both Multi. RAE Plus 53s being used.

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

Level D/12

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

Artebian condition, initially # FE3 location, elevated 5/12 + PID readings, allowed to dissipate

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:

Continue @ PE=-3

Procasings (start) - Mob to MW948/MW949

BY ___________________________ TITLE Site Super 1/28/12
SUB-CONTRACTORS ON SITE: Russo, Boart-Longyear

EQUIPMENT ON SITE: Spyder rig, Excavator, support truck, trench box

WORK PERFORMED (INCLUDING SAMPLING):


- Sample MW 949 to 17' conduct core scans + R-PHA scans + collect sample MW949 00-00-00-0037 (plus MS/MOD)
  ADVANCE CLEANOUT 12" CASING TO 17' OGS

Beginning development at MW 950 + MW951, collect samples MW950 + MW951 -00-0038 + MW950 new 00-0039 for 48 hr TAT for TOTAL URANIUM + ISO TOPIC URANIUM.

DAILY QUALITY CONTROL REPORT
<table>
<thead>
<tr>
<th>QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):</th>
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<tbody>
<tr>
<td>Multikern Plus #1 and #2 calibrated</td>
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<th>PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:</th>
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<tr>
<td>Larger than expected diameter pipe @ PE2</td>
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<th>SPECIAL NOTES:</th>
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<th>TOMORROW'S EXPECTATIONS:</th>
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<tr>
<td>Continue @ PE 3</td>
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<tr>
<td>Continue @ MW 948/949</td>
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</table>

TITLE: Site Supervisor
### DAILY QUALITY CONTROL REPORT

**URSF-003/1 OF 2/DOCREP**

**PROJECT MANAGER:**

**SUB-CONTRACTORS ON SITE:**

**EQUIPMENT ON SITE:**
- Super Rig Support Truck, Box Truck
- Russo Support Truck/Trailer, Excavator, Trench Box
- Concrete Truck (LaFarge) 6am to 10am

**WORK PERFORMED (INCLUDING SAMPLING):**
- Cored 8" casing in place to 17' at MW 949
- Sampled MW 948 to 15' scan core up, scan downhole
- Set well to 15' by 10' screen
- Collected samples MW 948 55 0.0-0.15 0.041
- MW 948 SB 65-65-0041
- MW 948 SB 65-05-0042
- MW 948 SB 13.0-13.5-0093
- MW 948 SB 13.0-13.50-9000

**URSF Crew:** Excavate soil around & beneath PIPE 4 at PES excavation

- Install saddle clamp/valve assembly on pipe

- Pipe is under pressure (2.5' head above pipe), pump 1200 gallons water from pipe, slight drop in head. Pump another 1600 gallons from pipe, no appreciable drop in head.

- After discussion with USACE, no more water will be pumped from PIPE 4. Transferred pumped water to storage tanks at staging area south of Bldg. 429. Filled area around and under PIPE 4 with cement-bentonite mix to top of pipe.

- Filled Manhole 41 with 1.5 yards cement-bentonite mix.
### QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

Daily calibration of pipe #0779 and #16605

### HEALTH AND SAFETY LEVELS AND ACTIVITIES:

LEVEL D

### PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

2.5' of leak about 46" pipe, tried plugging it off, then plugged it.

### SPECIAL NOTES:

### TOMORROW'S EXPECTATIONS:

Russo not on site

Boat long year - finish MW949 then move to MW944

By [Redacted] Title SITE SUPERVISOR
PROJECT MANAGER: [Redacted]  
PROJECT: BEF FIELD INVESTIGATION - NPS  
JOB No.: 11176781  
CONTRACT No.:  

SUB-CONTRACTORS ON SITE: BEACAT LONGYEAR

EQUIPMENT ON SITE: SPYDER RIG, SUPPORT TRUCK, BOBCAT  
RADAR EQUIPMENT (IDLE)

WORK PERFORMED (INCLUDING SAMPLING):

- ADVANCE MW 949 FROM 17'-40', SCAR SOIL, SCAR DOWD
- SAMPLE: MW949 50.0-165-0049  
  MW949 50.295-300-0045  
  MW949 583 345-350-0046  
  (OTE QUAD 214, 215, 216, 217, 218, 219)

- SET WELL TO 40', 1/10 SCREEN, RAMP TO 28', CHIP TO 6 BAGS,  
  DECON, DIG OUT WELL PADS, MOV TOWARDS 444/955 LOCATION

DAILY QUALITY CONTROL REPORT  
SHEET 1 OF 2
<table>
<thead>
<tr>
<th>QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):</th>
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<tbody>
<tr>
<td>Calibrated #16605 Multi Gas Plus to 100ppm LEL, 20ppm H₂, 2000ppm CO, 50% LEL, 20.9% O₂.</td>
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<tr>
<th>HEALTH AND SAFETY LEVELS AND ACTIVITIES:</th>
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<td>LEVEL D</td>
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<th>TOMORROW’S EXPECTATIONS:</th>
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<tbody>
<tr>
<td>Wells MW944 + MW945</td>
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</tbody>
</table>
### Daily Quality Control Report

**SUB-CONTRACTORS ON SITE:** BOCAT LONGYEAR

**EQUIPMENT ON SITE:** SPYDER RIG, SUPPORT TRUCK, BOBAT.

**WORK PERFORMED (INCLUDING SAMPLING):**

- **ADVANCE MW945 TO 20', SET WELL 6-16, SCAN COAT + EPOXELE. SAMPLE MW945 85 0-05-0047**
  - MW945 85 4.0-0048
  - MW945 85 12.5-13.0-0049
  - MW945 85 10.0-0050
- **MW9 TO MW 944, ADVANCE TO 17', SCAN COAT + EPOXELE**
  - SET WELL TO 15-12.5', COLLECT SAMPLES
  - MW944 85 0.0-05 - 0051
  - MW944 85 2.0-2.5 - 0052
  - MW944 85 10.0-10 - 0053
  - MW944 85 13.0-13.5 - 0054
- **SET COLLARDS @ MW944 + MW945**
  - MBA RIG + EQUIP INSIDE FENCE.
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

FIELD CAL # 16605 MULTIRAE PLUS 100ppm 150, 65 1/2, 15, 25 ppm H2S
2 ppm CO, 50% LEL, 70% O2

HEALTH AND SAFETY LEVELS AND ACTIVITIES:

LEVEL D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

NEW

SPECIAL NOTES:

TOMORROWS EXPECTATIONS:

MOVE TO NW 952/953/954/955 LOCATIONS START
**PROJECT MANAGER**

**PROJECT**

**JOB No.** 781-0006

**CONTRACT No.**

---

**CONTRACT No.** ______________

**SUB-CONTRACTORS ON SITE:**

- BOART LONGYEAR
- RUSSO ENVIRONMENTAL

**EQUIPMENT ON SITE:**

- SPYDER RIG, SUPPORT TRUCK, BOBCAT
- EXCAVATOR, THRESH BOX, SUPPORT TRUCK & TRAILER

**WORK PERFORMED (INCLUDING SAMPLING):**

1. **BOART LONGYEAR - MOB TO MW952, HANG AUGER TO 5', SAMPLE TO 10', SCANN CARE, SCANN DOWNHOLE, SET WELL, 4.9' Rgs.**
   - Collect Rigs Blank (EB3-1119)
   - Collect Soil Samples: MW952S50.0-0.5-0055, MW952S58.0-4.5-0056
   - MW952S6.0-6.5-0057, MW952S6.5-7.0-0058, MW952S6.5-7.0-0012
   - MOB TO MW953, HANG AUGER TO 5', SAMPLE TO 10', SCANN CARE, SCANN DOWNHOLE, SET WELL 4.5-9.5' Rgs.
   - Collect Soil Samples: MW953S50.0-0.5-0059, MW953S58.0-20-0060, MW953S6.0-4.5-0061
   - MW953S6.0-6.5-0062

2. **RUSSO ENVIRONMENTAL - PUMPED WATER OUT OF MH 4'.**

3. **SCREWED PIPE 4 @ PE3, PUMPED WITH ROADHEA & PUMPED 5 YARDS**

4. **CONCRETE INTO PIPE, ADDED 1.5 YARDS CONCRETE TO MH 4 (RECEIVED TO GRADE), MOB TO PE 2**

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**DAILY QUALITY CONTROL REPORT**

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**WEATHER**

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**DATE**

**NOVEMBER 17, 2012**

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QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

Daily Calibration on #O7749 AND #16605 Multigas Plus 100 ppm Lab Calibration 25 ppm H₂S, 50 ppm CO, 50% LEL, 209% O₂.

HEALTH AND SAFETY LEVELS AND ACTIVITIES: LEVEL 2 D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN: NONE

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS: BOAT TO COMPLETE MW954 AND MW955

PUMP OUT PE 3 AND EVALUATE INFILTRATION
BEGIN EXCAVATION @ PE 2

TITLE Site Supervisor
URS
77 Goodell Street
Buffalo, New York 14203
(716) 856-5636

SUB-CONTRACTORS ON SITE: BOBAT LONGYEAR
RUSO ENVIRONMENTAL

EQUIPMENT ON SITE: SPYDER RIG, SUPPORT TRUCK, BOBOAT, TRAILER
RUSO - EXCAVATOR, TRENCH BOX, SUPPORT TRUCK

WORK PERFORMED (INCLUDING SAMPLING):

BOBAT LONGYEAR - HANUCLEAR MW95S4 R TO 5' FOR SAMPLE TO 10', SCAR CORE.
Scar Downside - Set well to 10', 5-10' screen, saw to 4', chip to 3'.
Collect soil samples: MW95S5000.0-0.5-0.063, MW95S3802.0-2.5-0.064, MW95S585.5-6.0-0.005
MW95S438.5-7.6-0.066, and MW95S528.5-9.0-9.03.

MOB TO MW 95S. HANDCRAWL - Reference @ 35' TO 15', SCAR CORE, SCAR
Before, Set well to 15' in 10' Screen (5-10'), saw to 4', chip to 3'.
Collect soil samples: MW95S3500-0.5-2.067, MW95S3805-10-0.066, MW95S28025.0-0.069,
MW95S5820-8.0-9.470, MW95S5870-8.0-9.05, and MW95S5870-8.0-9.05.

Decal Equipment.

RUSO ENVIRONMENTAL - START EXCAVATION @ PE 2, EXPOSED 3 PIPES, TAPPED.
Samples from ALL 3 PIPES: PEZPIPE182.2-8.4-0.018, PEZPIPE28.3-8.6-0.0119, PEZPIPE38.3-8.7-0.017
Filtered and Unfiltered water samples:
Collected soil samples from beneath all 3 pipes: PEZS8190-9.5-0.014, PEZS8290-9.5-0.015,
PEZS890-9.5-0.016
Collected sediment from within PIPE 3 @ PE 2, installed valve. PEZPIPE3800-0.0120
Grilled pipe 1, unibe speedcrete, started stabilizing pipe 3.
Draped around seal - Difficultly sealing - continued trying to seal until
Duck set in and it became unsafe.
| HEALTH AND SAFETY LEVELS AND ACTIVITIES: | LEVEL D/P+ |

**QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):**

- Field cal multimeter plus # 06164, # 07799, # 16605 to 100 ppm Isobutyric, 25 ppm H2S, 50 ppm CO, 50% LEL, 28% O2

**PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:**

- Difficult getting pipe 3 to seal at PEZ, had to pull out of excavation.
- Due to darkness will check seal in morning.

**SPECIAL NOTES:**

**TOMORROW'S EXPECTATIONS:**

- Road - longyear - cleanup - work on well pads + bailers
- Lure - identify plugging PEZ pipe 3, plug pipe 2.
- Concrete cutoff wall at bottom of excavation.

**Site Supervisor:**
SUB-CONTRACTORS ON SITE:  BOART LONGYEAR
                         RUSSO ENVIRONMENTAL

EQUIPMENT ON SITE:  SNIPPER RV, SUPPORT TRUCK, BOXCAT
                      RUSSO - EXCAVATOR, SUPPORT TRUCK, TRENCH BOX

WORK PERFORMED (INCLUDING SAMPLING):
                      BOART COMPLETED WELL PADS & ROLLARDS @ W944 & W945
                      - DECOR BACK OF PICK UP TRUCK
                      - CLEANSY SLAMS BACK OF TRUCK OUT

                      RUSSO - SEALING PEZ PIPE2, AND REMAINDER OF PIPE 3 WITH
                      CONCRETE TRUCK, FILLED TRENCH & 1' ABOVE TOP OF PIPES
                      WITH 2 YDS OF CONCRETE

                      PUMPED WATER FROM POLY TANK FILLED YESTERDAY FROM
                      PIPELINES TO STORAGE POLY TANKS ON GROUND SURFACE @ LAYDOM
                      AREA

DAILY QUALITY CONTROL REPORT
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

FIELD CAL MULTIGAS PLUS # 06164, # 07799, # 18685 TO 100 ppm
Isobutylene, 25 ppm H₂S, 5 ppm CO, 50% LEL, 20.9% O₂

HEALTH AND SAFETY LEVELS AND ACTIVITIES: LEVEL D/JT

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN: NONE

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS: NO ACTIVITIES UNTIL AFTER THANKSGIVING BREAK TUESDAY NOVEMBER 27, 2012

BY ___________________ TITLE ___________________
DATE 11/27/12

WEATHER

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SUB-COMPANY ON SITE:

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<tr>
<td>Russo Longyear</td>
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PROJECT MANAGER

PROJECT NPSS NFD FIELD INVESTIGATION

JOB NO.

CONTRACT NO.

EQUIPMENT ON SITE:

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<tr>
<td>Spider Rig, Support Trucks, FRAC, TRACERS</td>
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<tr>
<td>Russo Excavator, Trench Box, Support Truck + TRAILER</td>
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<tr>
<td>FRAC TANK</td>
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</table>

WORK PERFORMED (INCLUDING SAMPLING):

- **Russo Longyear** - Welded MIP on M1944 FRACING
- Placed PVC Sleeves over Bollards @ M1944 + M1945

- Russo - Backfilled PE-3 clean scan equipment, M03 PE2
- Backfill PE-2, clean scan equipment, M03 to PE1 location
- NO SAMPLES COLLECTED
- TRANSFERRED ~ 1550 GALLONS TO 21,000 GALLON TANK, FROM INDIVIDUAL POLY TANKS.

DAILY QUALITY CONTROL REPORT

SHEET 1 OF 2
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

- 90799 Multi-Rae Plus calibrated to 100 ppm Hydrogen cyanide, 25 ppm H₂S, 50 ppm CO, 50% LEL, 20.9% O₂

HEALTH AND SAFETY LEVELS AND ACTIVITIES: LEVEL D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN: NONE

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:
- Excavation @ P1
- Complete painting @ all procasings
- Set bollards @ M957

BY: [Signature]
TITLE: Site Supervisor
SUB-CONTRACTORS ON SITE: Bork Longyear

EQUIPMENT ON SITE: Spider Rig, Bobcat, Support Truck & Trailers.

Russo - Excavate, Trench Box, Support Truck

WORK PERFORMED (INCLUDING SAMPLING):

Bork Longyear breaks down on-cone fan, loads up all equipment

Check sewer covers over all Bort equipment.

Bork checks all wells to make sure soil added between casing/liner and well holes were drilled. Bort plants remaining provisions.

All wells inside former filled and bath of car.

Russo - Excavate to 10" pipeline & PE1 location (w/14" has)

Place radice/pipe. Pump ~900 gallons out of pipe.

Water level dropped to 1/2 of pipe.

Collected water sample from within in pipe and

Soil excavation pipe

PE1 15.0-15.5-0121 (Soil sample)

PE1 pipe 14.0-14.5-0122 (Filtered/unfiltered water from in pipe)

DAILY QUALITY CONTROL REPORT
### Quality Control Activities (Including Field Calibrations):

- Calibrated Methane Plus ACT7799 to 100 ppm isobutylene 25 ppm H₂S
- 50 ppm CO, 50% LEL, 20.9% O₂

### Health and Safety Levels and Activities:

- Level D

### Problems Encountered/Correction Action Taken:

- None

### Special Notes:

### Tomorrow's Expectations:

- ROAR: Longer stay leave site.
- WELL DEVELOPMENT
- RUSSO - PLUG 10" LIGHE PEI (Collect Sed. samples for lab)
- Concrete bottom of excavation backfill

**Title:** Site Supervisor

**Report No.:** 19

**DATE:** 11/28/12

**PROJECT:** NGSS RCP FIELD INVESTIGATION

**Job No.:** 1176781
SUB-CONTRACTORS ON SITE: Tomp Lackmore (Deduced in Am)

Russo Development

EQUIPMENT ON SITE: Spider Rig, Bobcat, Support truck + Trailers (Deduced)

Russo - Excavator, Trench box, Support Truck + Trailer

WORK PERFORMED (INCLUDING SAMPLING):

- Form conveyor hitted to trailers + Departed site
- Russo - Pumped 300 gallons, then plugged 10" Pipe + P.E.1.
- Then 1 1/2 Yards concrete set over Tor/End off wall
- Across Trench bottom, "Special mix" to setup Concrete Faster
- Let set 1 hour then begin Backfill.
- Hole Backfilled, equipment dry down and Tracked back
- to IE area.
## Quality Control Activities (Including Field Calibrations):
- Check cal on YSI from Pine Point. Check ok.
- Cal Multitrace Plus # 7394 CO to 100 ppm Isotrace: 
  - 25 ppm H2S, 50 ppm CO, 50% LEL, 20.9% O2.

## Health and Safety Levels and Activities:
- Level D

## Problems Encountered/Correction Action Taken:
- None

## Special Notes:

## Tomorrow's Expectations:
- Continue Development
- Start 15 Trendis
URS
77 Goodell Street
Buffalo, New York 14203
(716) 856-5636

PROJECT MANAGER

PROJECT

JOB No.

CONTRACT No.

SUB-CONTRACTORS ON SITE: Russo Development

EQUIPMENT ON SITE: Excavator, Trench Box (Idle), "Bridge," Decor Pad, Support Truck

WORK PERFORMED (INCLUDING SAMPLING):

Worked on well development @ MW 949, MW 951, MW 956
MW 958, MW 957, MW 960, MW 959, MW 950.

ITE 3 EXCAVATED TO 10' DEPTH
SET UP DECOR PAD, Landed Mater From Decar Pad (FROM MATERIAL) FIRST.

Collected Soil samples IEB T81 0.005-0124
IE T81 0.0-0.55D-910Z (Duplicate)
IE T81 0.0-0.5-0125
IE T81 0.0-0.5MD-9108 (MS)
IE T81 0.0-0.5MD-9109 (MS)
IE T81 0.0-0.5-0126

DAILY QUALITY CONTROL REPORT

URSF-0031 OF 2/003CREP
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

FIELD CALIBRATION: Mutiltre Play No 07199 to 100 ppm vinylene
25 ppm H2S, 50 ppm CO, 50% LEZ, 20.9% O2

CHECK 45% to cal solution All parameters OK.

HEALTH AND SAFETY LEVELS AND ACTIVITIES: LEVEL D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:
22-21 2x2 Flare probe was being erratic. Replaced cord.

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS: MONDAY IE4 EXCAVATION
BACKFILL IE3
CONTINUE WELL DEVELOPMENT

BY: [Signature] TITLE: Site Supervisor
DATE: 04/3/12

STATE: X  X

WEATHER:

 TEMP: To 32 32-50 50-70 70-86 86 up

 WIND: S  S

 HUMIDITY: Dry  S  

SUB-CONTRACTORS ON SITE:

EQUIPMENT ON SITE:

WORK PERFORMED (INCLUDING SAMPLING):

- Well development @ MW 952, NW 953, NW 954 NW 955
  NW 950, NW 960, NW 939, MW 956, MW 957, MW 958
  Return to NW 953 (Margot 2nd line)

- Russo development - Pumped water out of IE 3, 1st of Dec. PHA
  Flash rain over NW 950 & Seepage
  Water sample collected from IE 3 (PHS Duplicate)
  2001 samples from IE 3 (2 side walls + bottom)
  Backfilled IE 3

- Excavated IE 4 to 10'- called water safe
  (seepage from outlet pipe from grid crown)
  4 soil samples (1: surface, 2: side walls, 1: bottom)

DAILY QUALITY CONTROL REPORT
<table>
<thead>
<tr>
<th>QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):</th>
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<tbody>
<tr>
<td>MULTIPLE PLUS 1 07799 to 100ppm Isobutylene, 25ppm H.S, 500ppm CO, 50% LE2, 20.9% O2</td>
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<tr>
<td>Check YSI to Cal solutions - All parameters OK!</td>
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<th>HEALTH AND SAFETY LEVELS AND ACTIVITIES:</th>
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<th>TOMORROW'S EXPECTATIONS:</th>
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<tr>
<td>BACKFILL IE4 START IE 7 or IE 8</td>
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</table>

**BY** [Redacted]  **TITLE** Site Supervisor
URS
77 Goodell Street
Buffalo, New York 14203
(716) 858-5636

PROJECT MANAGER:
PROJECT: NPS-BOF FIELD INVESTIGATION
JOB No.
CONTRACT No.

SUB-CONTRACTORS ON SITE:
SUB-COMBINED

EQUIPMENT ON SITE:
EXCAVATOR, "BRIDGE" DECAL PUMP
TRENCH ROLLER

DATE 12/14/12

WEATHER

TEMP

WIND

HUMIDITY

SUB-COMBINED

WORK PERFORMED (INCLUDING SAMPLING):

WELL DEVELOPMENT: MW-956 purged dry (2nd time), MW-957 purged dry (3rd time), MW-958 purged dry (2nd time), MW-952 purged dry (2nd time), MW-933 purged dry (3rd time), MW-954 purged dry (2nd time), MW-955 purged dry (2nd time). As per URS direction, added distilled water (4 gallons) to MW-948, MW-947, MW-944, MW-945, and MW-946. Purged and purged out.

RUSSO DEVELOPMENT - BACK FILL FOR IE7

EXCAVATE IE7 located 36", 1½", 3" steel pipes. And concrete encased segment line at 9½'.

EXCAVATE IE7 - 8.5'-9.0' deep. Top of concrete encased segment line at 9½'.

Backfilled IE7.

IE7 - Collected 3 soil samples and 1 cw sample
IE8 - Collected 3 soil samples and 1 cw sample

RAD samples completed on both IE7 + IE8

DAILY QUALITY CONTROL REPORT

SHEET 1 OF 2
**QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):**

- Field cal Multi: Rue Plus # 0.7799 to 10ppmv Ethylene, 25ppm H₂S,
  50ppm CO, 50% LeL, 20.9% O₂

  - Check set to call section, all parameters OK.

**HEALTH AND SAFETY LEVELS AND ACTIVITIES:**

LEVEL D

**PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:**

- More excavation alongside pipes.

- Significant water seepage along top of concrete @ IEB which appears to be conducted by water in Matrix 6' (south of 250).

  - Under-laid in Matrix 6 was absorbed to drop.

**SPECIAL NOTES:**

**TOMORROW'S EXPECTATIONS:**

- Backfill IEB, excare IEB, potentially IEB 2

**TITLE:** Site Supervisor
SUB-CONTRACTORS ON SITE: Russo Development

EQUIPMENT ON SITE: Excavator, Bridge, Decon Equip.

WORK PERFORMED (INCLUDING SAMPLING):

Well Development completed at MW952, MW954 and MW955. Pull all Development tubing cut up for disposal.

Russo - Pumped water out of IBE, and backfilled

Excavate IE 1 to 10' Bgs.

SCAN TRENCH and collect 1 surface soil, 1 Borehole, and 1 bottom sample. No water sample collected.

Russo Backfilled IE 1.

IE 2 - Excavated to 10' Bgs.

SCAN TRENCH and collect 4 soil samples (1 surface, 2 borehole, 1 bottom sample.) WATER sample collected.

 left excavation open over night.

DAILY QUALITY CONTROL REPORT
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):
Multiplex Plus # 07199 cal'd to 100ppm Isobutylene, 25ppm H₂, 25ppm CO, 50% LEL, 20.9% O₂

YSI multiparameter probe checked for pH and conductivity, OK

HEALTH AND SAFETY LEVELS AND ACTIVITIES: LEVEL D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SIGNIFICANT WATER INfiltrATION INTO IES Required Pumping prior to Backfill.

SPECIAL NOTES:

TOMORROWS EXPECTATIONS:

Excavate IES, backfill I E 2.

Excavate IES and IEG scan + sample.

Begin GW Sampling.

BY Site Supervisor.
Goodell Street
Buffalo, New York 14203
(716) 856-5636

DATE 12/4/12

WEATHER
Bright Sun Clear Overcast Rain Snow
To 22 32-50 50-70 70-85 85 up

TEMP

WIND
Still Modest High Report No.

HUMIDITY
Dry Moderate Humid

PROJECT MANAGER [Redacted]
PROJECT NFSS TOP FIELD INVESTIGATION
JOB No. ___________________________
CONTRACT No. ___________________________

SUB-CONTRACTORS ON SITE: URSO Development

EQUIPMENT ON SITE: Excavator, "bridge", Decontamination equipment

WORK PERFORMED (INCLUDING SAMPLING):
Sampled MW949 (plus duplicate) Task 6 coolers arrive, go through and assist w/ incoming cooler scans. Organize bottle sets.

URSO Development. BACKFILL IF 2

EXCAVATE IF 5 SCAN, COLLECT 4 soil samples and 1 water sample. BACKFILL IF 5

EXCAVATE IF 6 SCAN TRENCH, COLLECT 4 soil samples and 1 water sample. BACKFILL IF 6

DAILY QUALITY CONTROL REPORT
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

CALIBRATE Multiuse Plus H0+ 7.0 mg/L to 100 ppm NaOH, 25 ppm H2S, 5 ppm CO2, 50% O2

CALIBRATE YSI meter, pH 4.0, 10.0
ORP 240.0 mV
Conductivity 1413 mS/cm

HEALTH AND SAFETY LEVELS AND ACTIVITIES: LEVEL D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN: NONE

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS: Continue well sampling
Locate pipes for Add'1' excavations, sample MH & binder

BY_____________ TITLE Site Supervisor
SUB-CONTRACTORS ON SITE: Russo Development

EQUIPMENT ON SITE: Excavator, "Bridge", Support Truck, Vacuum Rod

WORK PERFORMED (INCLUDING SAMPLING):

Russo located pipes @ PE4, PE5, and PE6.

Opened manhole & Steve collected 1 meter sample and 1 sediment sample (plus duplicates) from manhole.

Low flow page + sampled @ MW951 and MW960

(Plus ML5/M50)
<table>
<thead>
<tr>
<th>QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):</th>
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<tbody>
<tr>
<td>CALIBRATION ON YSI PROBE pH 4.0, 10.0, OFF 2500.0 mV, COND. 1413 mS/cm</td>
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<th>HEALTH AND SAFETY LEVELS AND ACTIVITIES:</th>
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<tr>
<th>TOMORROW'S EXPECTATIONS:</th>
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<tbody>
<tr>
<td>NEXT START PEC, AND POTENTIALLY CONCRETE THE MANHOLE.</td>
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<tr>
<td>Continue Correlometer reading</td>
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<tr>
<td>Site Supervisor</td>
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</table>
**DATE** 12/10/12

**SUB-CONTRACTORS ON SITE:** Russo Development

**EQUIPMENT ON SITE:** Excavator, Trench box, Support Truck, Bridge, Decontamination

**WORK PERFORMED (INCLUDING SAMPLING):**
- Russo - P256 - Excavated to 4.5' for 10" pipe.
- Collected soil beneath pipe, water from within pipe and scale from within pipe.
- Filled pipe around pipe with concrete.
- Filled manhole 8 with concrete.

**WEATHER**

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**TEMP**

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**WIND**

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**HUMIDITY**

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**QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):**

- Check cal on YSI Multi-parameter OK
- Cal Multi-Rae Plus # 07799, #16605

**HEALTH AND SAFETY LEVELS AND ACTIVITIES:**

- Level D

**PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:**

- None

**SPECIAL NOTES:**

**TOMORROW'S EXPECTATIONS:**

- PE4 excavation
  - Continue well sampling

**TITLE:** Site Supervisor
DAILY QUALITY CONTROL REPORT

SUB-CONTRACTORS ON SITE: Russo Development

EQUIPMENT ON SITE: Excavator, Trench Box, Support Truck, Concrete Truck.

WORK PERFORMED (INCLUDING SAMPLING):

- Sampled MW956 (MW956GW0001-0076 and MW956GW001F-0076)
- Sampled MW957 (MW957GW0001-0077 and MW956GW001F-0076)
- Purged MW958 to Dryness

RUSSO - MOVED TO PE4, 8" 10", 12" PIPE'S EXPOSED

A 16,256g removed from the 3 pipes. Water samples collected from all 3 pipes. Soil collected from beneath the 3 pipes - All three pipes clogged. Sediment collected from Pipe 2. The 10" pipe. All three pipes plugged. Concrete poured in bottom of excavation. Around pipes - 2'1/2 YARDS
**PROJECT**
NESS-BOP FIELD INVESTIGATION

**JOB No.** _______________________

**REPORT No.** 2B

**DATE** 12/11/12

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<tr>
<th>QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):</th>
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<tr>
<td>Calibrate Multirae # 774% to 100 ppm isobutylene, 25 ppm H2S, 5 ppm CO, 50% bec 20.9% O2</td>
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<tr>
<td>YSI multiparameter pH 4.0 10.0 OK</td>
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<td>ORP 240.0 mV OK</td>
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<td>Conductivity 1.413 ms/cm OK</td>
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<th>TOMORROW'S EXPECTATIONS:</th>
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<tbody>
<tr>
<td>Backfill over pipes 1-3 @ 8c.</td>
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<tr>
<td>Backup + expose 36&quot; pipe @ 8c.</td>
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<tr>
<td>Tap and sample / pump + flush</td>
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**TITLE** Site Supervisor
DATE 12-12-12

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SUB-CONTRACTORS ON SITE: Russo Development

LaFarge concrete

EQUIPMENT ON SITE:

Excavator, Trench box, "Bridge," Decon equipment, Sugar truck

Concrete truck

WORK PERFORMED (INCLUDING SAMPLING):

Replacing existing sampling MW952, MW953. Both go dry during sampling. Fill bottles as wells recover.

MW-952 flush dry allow recovery overnight.

MW-953 only backflush 1/4 less overnight, will reduce grabing value as well recover.

Russo - Backfill over 3 smaller pipes @ PE4. Extend excavation eastward until 36" pipe was encountered approx 6' away, 3.8' to top of pipe. 3/" Air space in top of pipe. Collected water from pipe, soil from beneath pipe. Filled pipe with 3yds of concrete, ~ 4.5yds of concrete around pipe. Total of 7.5yds of concrete.

Backfilled PE4 and made to PE 5 location

Vipes working on gravel lid to PE5. Dump truck stuck ing mud, excavator used to pull out Dump truck.

DAILY QUALITY CONTROL REPORT

URSF-0021 OF 2/DOC/REP
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):
Multiple #7249 Cal d to 20902, 100ppm isobutylene, 25ppm H2S,
50ppm CO, 50% LO2.

YSI cal check OK.

HEALTH AND SAFETY LEVELS AND ACTIVITIES: Level D.

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

1. Dump Truck (Gravel) for Rd @ PE5 stuck in mud,
   Used Russo excavator to pull truck out.

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:

Start PE5 excavation to expose 4 pipes,
Continue GW sampling.
URS
77 Goodell Street
Buffalo, New York 14203
(716) 856-5636

DATE 12/13/12

WEATHER Bright Sun

TEMP To 32

WIND Still

HUMIDITY Dry

SUB-CONTRACTORS ON SITE: Russo Development

EQUIPMENT ON SITE: Excavator, Through Box, Support Truck, Decor Equip. Concrete truck

WORK PERFORMED (INCLUDING SAMPLING):

MW 952 - Collected Volume needed for Unfiltered Analyses
MW 953 - Collected Filtered Volume - well complete
MW 955 - Pup, Begin sampling, Goes dry, still need 15 L
MW 958 - Registered Pup filter
MW 954 - Still recovering, have not collected sample yet

Russo Development - Clear trees @ PE 5, Excavate Bore, All four pipes, Backfilled over 3 smaller pipes, TAP @ 4" pipe (IT HAS NEEDED DOWN TO SMALLER DIA. WHERE HERE)
Collect water sample, Collect soil underneath Pipe
Scared pipe, Broke Pipe, Filled inside around pipe with concrete (6 yards)

DAILY QUALITY CONTROL REPORT
**QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):**

- Check Cal on PSI multiparameter probe, OK
- MultiPee Plus #7799 cal'd to 20.902 100 ppm Isobutylene, 25 ppm H2S, 50 ppm CO, 50% LE2.

**HEALTH AND SAFETY LEVELS AND ACTIVITIES:**

Level D

**PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:**

- 24" pipe cracked lengthwise an unknown distance when "window" was knocked out.
- Will inspect crack to determine if concrete plugged pipe if additional work is needed.

**SPECIAL NOTES:**

**TOMORROW'S EXPECTATIONS:**

- Complete inspect lengthwise crack in Pipe 1 @ P5
- Expose sample and plug pipes 1-3 @ P5
- Continue collecting core samples as well recover @ MW953, MW952, MW954, MW955

**TITLE** Site Supervisor
SUB-CONTRACTORS ON SITE: Russo Development

EQUIPMENT ON SITE: Excavator, Trench box, "Bridge" Support Track, Decon Equip

WORK PERFORMED (INCLUDING SAMPLING):

Continued Sampling GW @ MW955, MW952, MW958, and MWK94

Russo Excavated @ PE 5, Inspected Lengthwise Crack 1/4" Pipe Plugged on North side extended South ~1", exposed and later concreted around entire crack.

Exposed Pipes 1, 2, 3. Tapped and sampled water from pipes, soil from beneath. Recovered limited sediment volume from pipes 1 and 2.

Concrete Around/Plug Pipes

Backfill Excavation. NDBall Equipment to Decon Area.

Pumped Water from PE 5 Pipes into Frac Tank.
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

Aspirae H 7794, 209.02, 100 ppm Isobutylene, 25 ppm HzS, 50 ppm C6

HEALTH AND SAFETY LEVELS AND ACTIVITIES:
Level D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:
None

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS:
Post Excavation Gamma Walkover Surveys.
Add water recovery from MW 952, 954, 958

TITLE Site Supervisor
SUB-CONTRACTORS ON SITE: None

EQUIPMENT ON SITE: Russo Equip Idle

WORK PERFORMED (INCLUDING SAMPLING):
- Post excavation worker surveys @ PE4, PE5, PE6, and MANHOLE 88.
- GW26 Add'l sample above from MW952, MW954, and MW958.
- Place locks on all 17 monitoring wells.
- Check DWW @ 5 dry wells. None of them have sufficient water for sampling. MW 945-Dry, MW 944, trace.
- MW 946 Dry, MW 948 - trace, MW 947 Dry.
**QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):**

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<th>Activity</th>
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<tbody>
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**HEALTH AND SAFETY LEVELS AND ACTIVITIES:**

- Level D

**PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:**

- None

**SPECIAL NOTES:**

- No

**TOMORROW'S EXPECTATIONS:**

- No activities until Monday
  
  Russo Demolish Finish Mix Sampling
  
  IDW Stamping
SUB-CONTRACTORS ON SITE: **Russo Development**

EQUIPMENT ON SITE: **Excavator, Bridge, Trench Box, Support Truck, Trailer, Decon Equipment**

WORK PERFORMED (INCLUDING SAMPLING):

- **Russo Decons, packs LE5 and LE6 soil down better.**
- **Decon all equipment, layout for [redacted] outgoing cans.**
- **All equipment scanned.**
- **Russo loads up all equipment, breaks down drums deployed.**
- **1 Drum generated - plastic and sediment.**
- **All equipment transported offsite.**
- **Excavator and Two Excavator Buckets**

**[Redacted]** collects additional volume from MW952, MW953, and MW958. All available volume collected.

**Begin Demobing unneeded sampling equipment.**
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<tr>
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**QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):**

None

**HEALTH AND SAFETY LEVELS AND ACTIVITIES:** Level D

**PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:** None

**SPECIAL NOTES:**

**TOMORROW'S EXPECTATIONS:** Continue Demol activities.
DATE: 12/18/13

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SUB-CONTRACTORS ON SITE: NONE

EQUIPMENT ON SITE: EXCAVATOR + 2 BUCKETS (IDLE)

WORK PERFORMED (INCLUDING SAMPLING):

IDW SAMPLING

Collected grab samples from all water holding tanks / drums onsite for analysis of VOCs, surf, red, tetr, TCE, PCE, SVOC, and metals (100, 1100, 1500 ppm, less than ppm).

Water samples collected from:

- TANK 1
- TANK 2
- TANK 3
- TANK 4
- FRAC TANK
- 925 TANK
- M1W 949 WATER
- TANK 6
- TANK 7

Also collected: one composite, representative sample each from WEC-1, WEC-2, WEC-3, WEC-4, and WEC-5

55 gallon drums from security fence project, for VOCs SVOC/Pesticides, tetr, metals, paint, filter.

DAILY QUALITY CONTROL REPORT

SHEET 1 OF 2
<table>
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<tr>
<th>PROJECT</th>
<th>QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):</th>
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| HEALTH AND SAFETY LEVELS AND ACTIVITIES: | LEVEL D |

| PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN: | None |

| SPECIAL NOTES: |

| TOMORROW'S EXPECTATIONS: | RESUME/COMPLETE J.DW SAMSUNG |

| TITLE | SITE SUPERVISOR |
DATE: 12/19/12

DAY

WEATHER

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SUB-CONTRACTORS ON SITE:

RUSO (To pick up excavator & buckets only)

EQUIPMENT ON SITE:

Excavator + 2 Buckets (IDLE)

WORK PERFORMED (INCLUDING SAMPLING):

PACK UP PREVIOUS DAY SAMPLES (IDLE) FOR

- RUSO CATERED TRUCK ARRIVES TO PICK UP HEAVY TRASH
- EXCAVATOR OFFSITE

SAMPLE WSC-178 DRUM

WRE-1-5 (Composted from previous days grabs)

SHOVELS

COOLER

MW 946-949

MW 952-955

MW 944-945

MW 951, 956-960

DEMO: MISCELLANEOUS ITEMS (EQUIPMENT)

DAILY QUALITY CONTROL REPORT

SHEET 1 OF 2
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS):

HEALTH AND SAFETY LEVELS AND ACTIVITIES: LEVEL D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN:

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS: CONTINUE DRAINAGE ACTIVITIES, SURVEY

TITLE: Site Supervisor
SUB-CONTRACTORS ON SITE: None

EQUIPMENT ON SITE: None

WORK PERFORMED (INCLUDING SAMPLING):

REPACK LABEL PREVIOUS DAYS IDW SAMPLES FOR DELIVERY TO THE LAB.

SURVEY ALL INVESTIGATION POINTS.

DEMOB MISCELLANEOUS ITEMS/EQUIPMENT.

DAILY QUALITY CONTROL REPORT
QUALITY CONTROL ACTIVITIES (INCLUDING FIELD CALIBRATIONS): None

HEALTH AND SAFETY LEVELS AND ACTIVITIES: Level D

PROBLEMS ENCOUNTERED/CORRECTION ACTION TAKEN: None

SPECIAL NOTES:

TOMORROW'S EXPECTATIONS: None