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# ROCKWELL ENGINEERING & CONSTRUCTION SERVICES, Inc.

2375 UNIVERSITY AVENUE, SOUTH  
FAIRBANKS, ALASKA 99709  
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rockwellcorp@acsalaska.net  
www.rockwellengr.com

## INITIAL/DAILY HEALTH & SAFETY SITE INSPECTION REPORT

Client Name: TAR/TBI, LLC

Project Name and Job #: Utility Service Extension - J101395 / J101396 / J101397

Project Location: FTW336A; Fort Wainwright

Date and Site Specifications: 9/11/10 dry

Instrument Used: P10 #9 Completed by: Shawn P. Jones

Legend: OK= Satisfactory; NA= Not Applicable; CR= Corrective Action Required; ZT= Zero Tolerance Item.

Note: Put the location of the item requiring corrective action. If the corrective action box is checked, complete Section II attached.

### SECTION I

NON-CHEMICAL HAZARDS				
HOUSEKEEPING	OK	NA	CR	LOCATION
Egress Areas Clear	✓			
Workstation Neat	✓			
Equipment Storage	✓			
Material Storage	✓			
Trash Removal	✓			
HAZARD COMMUNICATION				
Current Chemical Inventory	✓			
Posted MSDS	✓			
Container Labeling	✓			
Use of PPE	✓			
PERSONAL PROTECTIVE EQUIPMENT				
Hard hats	✓			
Safety Shoes	✓			
Eye Protection	✓			
Hearing Protection	✓			
Appropriate Clothing	✓			
Respiratory Protection	✓			
HAND TOOLS & EQUIPMENT				
General Tool Condition	✓			
General Tool Storage	✓			
Monitoring Equipment	✓			
ELECTRIC AND UTILITY LOCATE				
Underground Utilities	✓			
Overhead Utilities	✓			
Electrical	✓			
ENVIRONMENT				
Radiation	✓			
Biologic	✓			
Lightning	✓			
Water	✓			
Fire	✓			
Avalanche	✓			
Unstable Surfaces	✓			
Cold / Heat Exposure	✓			

NON-CHEMICAL HAZARDS (cont.)	OK	NA	CR	LOCATION
TRENCHES & EXCAVATION (ZT) The primary contractor is responsible for trenches and excavations. Rockwell E&C personnel must not enter an excavation or trench that is not checked OK.				
Benching & Sloping (MAX = 1.5/1)	✓			
Entry/Egress Means (> 4 foot depth)	✓			
Lateral travel to egress (less than 25 feet)	✓			
Perimeter Protection	✓			
Water accumulation Control		✓		
Explosive Atmospheres		✓		
Heavy Equipment Location	✓			
<b>FALL PROTECTION (ZT)</b>				
Controlled Access Zones	✓			
Openings covered/protected		✓		
Safety fencing	✓			
General Condition	✓			
Ladder Placement and Use		✓		
CONFINED SPACE Rockwell E&C has been trained to identify a confined space. It is company policy that Rockwell E&C personnel will not enter a confined space.				

CHEMICAL HAZARDS	OK	NA	CR	LOCATION
Gasoline		✓		
Diesel		✓		
Solvents		✓		
Metals		✓		
Oil		✓		
Grease		✓		
PCBs		✓		
Carbon Monoxide		✓		
Compressed Gas		✓		
Pesticides		✓		
Other:				

#### ACTION TAKEN TO MITIGATE HAZARD(S)

## Review H&S Plan

## Reduce

### **Eliminate**

## Consult

PPE

**SECTION II**

## SITE SAFETY OFFICER

Shamb. Force

DATE/TIME 9/11/10 Ø 745

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## DAILY FIELD SCREENING REPORT

**Client Name:** TAR/TBI, LLC

1047

Project Name and Job #: Utility Service Extension J101395 / J101396 / J101397

Project Location: FTW 336A ; Fort Wainwright

Date and Site Conditions: 9/11/10 dry

Instrument Used: PID #9 Completed by: Shawn P. Jones

TAK/TBT, LLC

FTW 336A - Ut. 1.ty  
Service Extension - J101395 /  
J101396 / J101397

Rockwell E&I Job # 1047

Shanno? Times

9/11/10

# NEW DIRECT BURIED SAN

X = Location of heated  
headspace samples  
with associated  
sample numbers

FTW 336A

S I U K A U L

G.C.O.

G.C.O.

G.C.O.

BARRIER

CABIN

LAYDOWN

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Since 1950, California has undergone a significant increase in the number of people living in metropolitan areas.

715 HC contractors on site moving stockpile and setting grades

H-0820 - Excavation of water line ditch starts

□ - NOON - Launch break

$$E = 1345 - E_{\text{vacuum}}$$

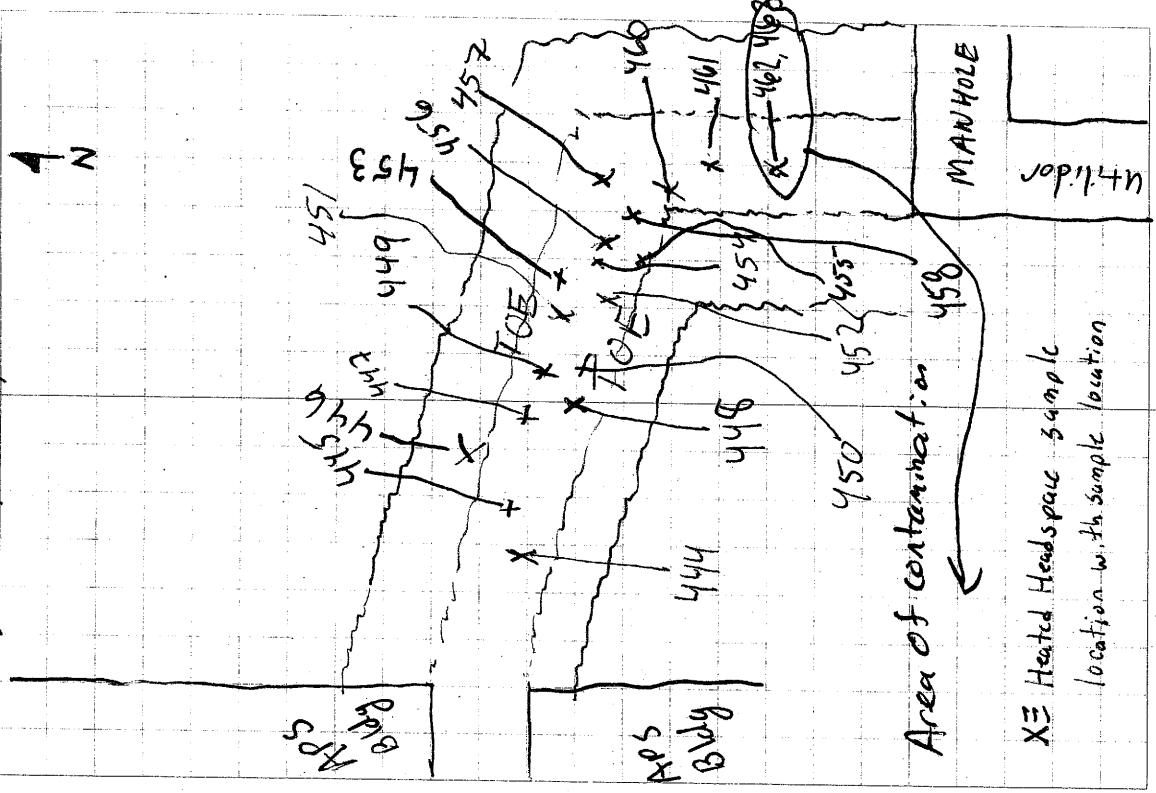
D - 1700 Grey colored soil discovered 100' small, cold P10 readings 120 ppm Heated Head space 206 & 216 ppm area of contamination outlined

North of manhole. Contact Kris Manke who left messages with Dayton Utilities representative and USACE Headquarters. Kris Manke

7-1745 Fort Wright Fire Dept on site. Spots  
w/Ass't. chief. Their sampling device could  
Not pinpoint contamination OK site work exclusive  
of digging until Sunday. Burn off site  
1845

$X =$  Heated Headspace Sample  
location w/ sample location

## Not-to scale



28 Utility Service Extension

FTW 336A; Job#395/J101396/J101  
Job #1047

Additional notes -

11/15- Additionally, The FWA Fire Department asked  
Shawn Jones to perform an extra cold  
P10 reading in the excavation where the  
contamination was discovered. Cold P10  
reading was 195 ppm.

11/30- After consultation w/ Shawn Jones &  
Dale Mahr, TAA/TBT SSHP, the FWA/D  
Assistant Chief allow TAA/TBT to keep  
working on site at everywhere but in  
the excavation. FWA Environmental  
to be consulted before any additional  
excavation will take place.

9/11/10

Job #1047



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Fairbanks, Alaska 99709  
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## INITIAL/DAILY HEALTH & SAFETY SITE INSPECTION REPORT

CLIENT TAR/TBT, LLC

JOB #1047 Utility Service Extension

PROJECT LOCATION FTW336A; Fort Wainwright, Alaska

COMPLETED BY Shawn P. Jones

Legend: OK = Satisfactory; NA = Not applicable; CR = Corrective action required; ZT = Zero tolerance item.

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<b>HAZARD COMMUNICATION</b>				
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Posted MSDS	✓			
Container Labeling		✓		
Use of PPE	✓			
<b>PERSONAL PROTECTIVE EQUIPMENT</b>				
Hard hats	✓			
Safety Shoes	✓			
Eye Protection	✓			
Hearing Protection	✓			
Appropriate Clothing	✓			
Respiratory Protection	✓			
<b>HAND TOOLS &amp; EQUIPMENT</b>				
General Tool Condition	✓			
General Tool Storage	✓			
Monitoring Equipment	✓			
<b>LADDERS</b>				
General Condition		✓		
Ladder Placement and Use		✓		
<b>ELECTRIC AND UTILITY LOCATE</b>				
Underground Utilities	✓			
Overhead Utilities	✓			
Electrical	✓			
<b>ENVIRONMENT</b>				
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Biologic		✓		
Lightning		✓		
Water		✓		
Fire		✓		
Avalanche		✓		
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NON-CHEMICAL HAZARDS (cont.)	OK	NA	CR	LOCATION
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Heavy Equipment Location	✓			
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Openings covered/protected		✓		
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CONFINED SPACE Rockwell E&C has been trained to identify a confined space. It is company policy that Rockwell E&C personnel will not enter a confined space.				

CHEMICAL HAZARDS	OK	NA	CR	LOCATION
Gasoline	✓			
Diesel	✓			
Solvents	✓			
Metals		✓		
Oil	✓			As noted on drawing / contamination
Grease		✓		
PCBs		✓		
Carbon Monoxide		✓		
Compressed Gas		✓		
Pesticides		✓		
Other:				

#### **ACTION TAKEN TO MITIGATE HAZARD(S)**

### Review H&S Plan

## Reduce

### **Eliminate**

### Consult

PPE

## SITE SAFETY OFFICER

Shawn P. Jones

DATE/TIME 9/13/10 0800

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## DAILY FIELD SCREENING REPORT

Client Name: TAR/TBI, LLC

Project Name and Job #: 1047 - Utilities Service Extension

**Project Location:** FTW336A; Ft. Wainwright, AK

Date and Site Conditions: 9/13/10

Instrument Used: PID # 9 Completed by: Shawn P. Jones

30 Utility Service Extension  
FTW336A J101395/J100396/J101397 Job#1043  
□-0730 Shann Jones on-site

9/13/01 Utility Service Extension  
FTW336A J101395/J101396/J101397 Job#1043

9/13/01

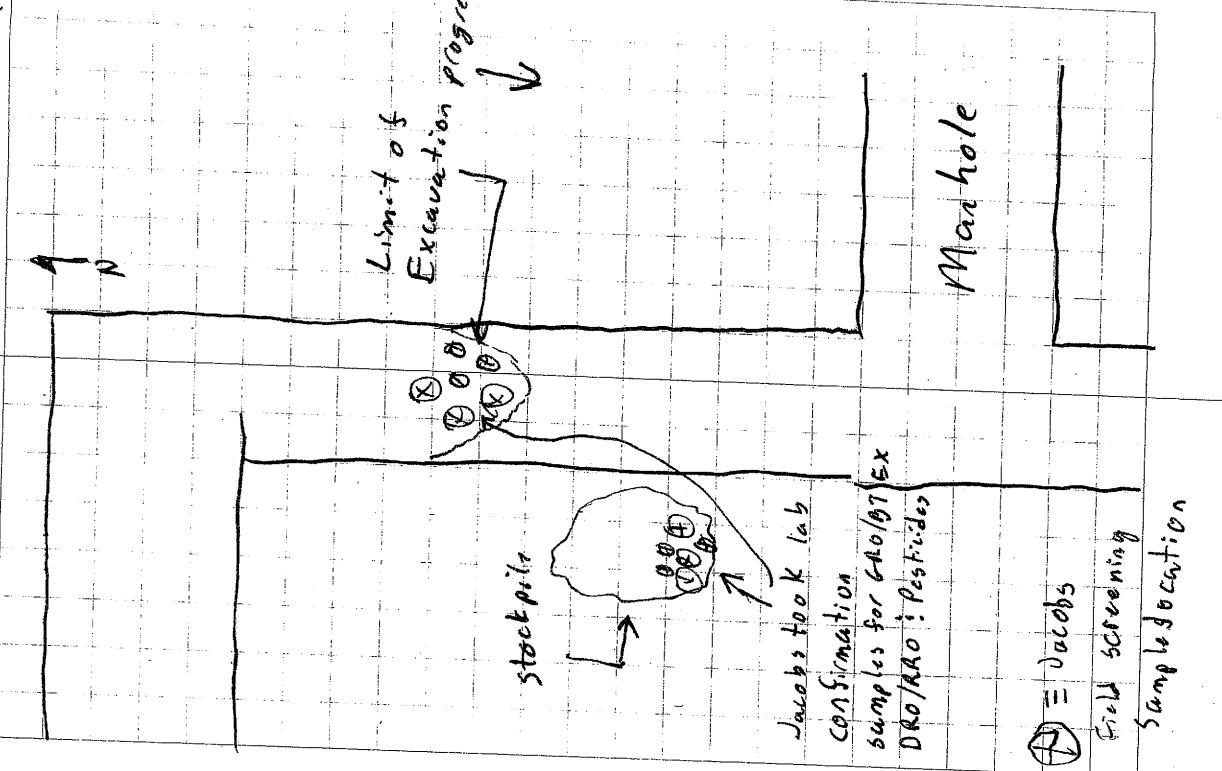
□ - 0745 Calibrated P1049 with 100 ppm isobutyl benzene.

□ - 0755: Met w/ supervisor Kris Mankel who called Deyer representation awaiting an decision on where SSI will be stockpiled and when.

□ - 0815 met w/ Ray from H.C. (Site representative) and Dale Mohr at contaminated acre. Used P10 to determine if there was any volatile vapors in pit. All reading open in free air. Dale Mohr okayed HC workers to be working in excavation.

□ - 0840 Kris Mankel told Shann Jones to check condition of contaminated stockpiles near FWA power plant.

□ - 0855 Jacobs consulting arrived on site at request of OPRU. Jessie & organized Jacobs, Took & 12 Field Screening Samples



○ = Jacobs  
Field Screening  
Sample location

FTW 3364 J101395/J101396/J101397  
Job #1097  
Jacobs completed Field Screening  
Samples Range 0.1 to 143 ppm

- Note of Jacobs Field screening
- One thadse
- Jacobs technicians did not
  - properly agitate bags as for 1.5 seconds per section 2.3.3 of the approved sampling plan
  - Jacobs technicians used sandwich bags instead of freezer bags; a questionable practice

- Jacobs tech failed to measure temperature of samples to confirm that they were above 40°F as specified in section 2.3.3 of the approved Sampling: Analysis plan.

- 0930 Jacobs took one configuration laboratory sample for O&O/BTEX, from O&O/R&D and pesticide each off the stackpole and another set from the excavation face about 6 feet bgs.  
All confirmation samples were taken in accordance with the approved sampling and analysis plan.

9/1/31/04	FTW 3364 J101395/J101396/J101397	Job #1097	FTW 3364 J101395/J101396/J101397	9/1/31/04
met with Geno Clain from DPW Environment's 1 <sup>st</sup> Scott Wimmer at Tanista to: Kris Market				
Turigta to develop mass for new cell location near previous stackpile near Hanger 8.				
Kris Market to send copy of approved Sojourner Sample: Analysis plan to Geno Clain to forward to ADEC.				
<input type="checkbox"/> 1040 Show Jones office with and further instructions per Kris Market				





