

*Duke - Slug Testing, Well Development, Well Sampling CAMA  
Daily Field Report (DFR)*

SITE INFORMATION	
S&ME PROJECT NUMBER: <u>7126-16-032A</u>	CONTRACTOR: <u>S&amp;ME</u>
SITE NAME: <u>Buck Steam Station</u>	DATE: <u>9/29/16</u>
FIELD PERSONNEL: <u>DCOX B WENCE</u>	WEATHER: <u>MIX SUN CLOUDS</u>

DAILY PAY ITEM QUANTITIES					
Item No.	Item	Billing Unit	Qty	Org(s)	BST Code
1	Mobilization (Per two-man crew, per site)				
2	Project Professional	per site			D415
2	Staff Professional	per hour			
3	Technician	per hour	11	2430	
4	Per Diem (meals)	per hour	11	2430	
5	Per Diem (lodging)	per day	2	2430	F188
6	Vehicle (one vehicle per two-man crew)	per day	1	2430	F271
7	ATV	per day	1	2430	F006
8	<b>Equipment</b>	per day			F059
8a	Submersible Pump (For wells less than 200')				
8b	Grundfos Redi-Flo2 Pump and Controller (for wells greater than 200')	per day	2		G725
8c	Peristaltic Pump	per day			E100
8d	Generator	per day			G723
8e	YSI - Pro Plus (pH, Cond, ORP, DO, and Temp)	per day			G018
8f	Turbidity Meter	per day	2		E631
8g	Field Laptop (or Tablet)	per day	2		E136
8h	Water Level Meter	per day	2	2430	G808
9	<b>Consumables</b>	per day	2		E006
9a	Polyethylene Tubing				
9b	Braided Nylon Rope	per foot	20	2430	E358
9c	Daily Env. Consumables (gloves, DI Water, Alconox, paper towels, trash bags), one per day, per two-man crew	per foot			E179
9d	Calibration Consumables (for pH, cond, and ORP), charged per calibration event	per day	1	2430	E064
		per event	2	2430	E1023

NOTES:

SEE ATTACHED

Field Personnel Signature

*[Signature]*

Date

9/29/16

Site Manager Signature

*[Signature]*

Date

9/29/16

# DAILY FIELD REPORT

Project Name: BUCK

Field Manager: ALEX CULPEPPER

Date: 9/28/16

Field Personnel: DECK B WENCE

Weather: CLOUDY 75

Equipment

Materials

## Field Observations:

0645 ON SITE

0700 DUE SAFETY PREJOB

0730 CALIBRATION

0945 SETUP ON MW-8S + MW-8D

1010 BEGAN PURGING MW-8S + MW-8D

1045 \* BEGAN SAMPLING MW-8S \*

1050 \* BEGAN SAMPLING MW-8D

12-1245 LUNCH

1315 SETUP ON MW-12S + MW-12D

1330 BEGAN PURGING MW-12S + MW-12D

1345 FLOW RATE NOT HIGH ENOUGH TO RUN AT SAME TIME. STOPPED MW-12S

1440 \* BEGAN SAMPLING MW-12D

1535 BEGAN PURGING MW-12S

1610 \* BEGAN SAMPLING MW-12S

1640 CALIBRATION

Submitted by: DARREN COX

Reviewed by: [Signature]

*Duke - Slug Testing, Well Development, Well Sampling CIMA  
Daily Field Report (DFR)*

SITE INFORMATION	
S&ME PROJECT NUMBER: <u>7126-16-032A</u>	CONTRACTOR: <u>S&amp;ME</u>
SITE NAME: <u>Buck Steam Station</u>	DATE: <u>9.29.16</u>
FIELD PERSONNEL: <u>Jamie T Honeycutt / Lindsey Romine</u>	WEATHER: <u>cloudy / rain</u>

DAILY PAY ITEM QUANTITIES					
Item No.	Item	Billing Unit	Qty	Org(s)	BST Code
1	Mobilization (Per two-man crew, per site)	per site			D415
2	Project Professional	per hour			
2	Staff Professional	per hour	11	2430	
3	Technician	per hour	11	2440	
4	Per Diem (meals)	per day	2	2430/2440	F188
5	Per Diem (lodging)	per day	2	2430/2440	F271
6	Vehicle (one vehicle per two-man crew)	per day	1	2430	F006
7	ATV	per day			F059
8	<b>Equipment</b>				
8a	Submersible Pump (For wells less than 200')	per day	1		G725
8b	Grundfos Redi-Flo2 Pump and Controller (for wells greater than 200')	per day			E100
8c	Peristaltic Pump	per day	1		G723
8d	Generator	per day			G018
8e	YSI - Pro Plus (pH, Cond, ORP, DO, and Temp)	per day	1		E631
8f	Turbidity Meter	per day	1		E136
8g	Field Laptop (or Tablet)	per day	1	2430/2440	G808
8h	Water Level Meter	per day	1		E006
9	<b>Consumables</b>				
9a	Polyethylene Tubing	per foot	82	2430	E358
9b	Branded Nylon Rope	per foot			E179
9c	Daily Env. Consumables (gloves, DI Water, Alconox, paper towels, trash bags), one per day, per two-man crew	per day	1	2430	E064
9d	Calibration Consumables (for pH, cond, and ORP), charged per calibration event	per event	1	2430	E1023

NOTES:

Sampled: AB-45L

AB-45 duplicate was collected on AB-45

Field Personnel Signature

*Jamie T Honeycutt / Lindsey Romine*

Date

9/29/16

Site Manager Signature

*U U*

Date

9/29/16

# DAILY FIELD REPORT

Project Name: Buck

Field Manager: Alex Culpepper

Date: 9-29-16

Field Personnel:

Jamie T. Honeycutt

Lindsey Romine

Weather: cloudy / rain

Equipment

Materials

## Field Observations:

0650 - onsite

0700 - Duke H+S meeting; some H+S meeting pre job brief

0730 - Pre-Cal equipment

0800 - Equipment blank; load equipment

0845 - Drive to AB-45L, check drilling well. Rained night before. Had them put gravel on road in one area. Set up equipment

1010 - Start purging @ AB-45L; flow was fluctuating. Turbidity went down but DO & ORP fluctuating. Stalled raining - then stopped after short time

1245 Start sample AB-45L. 1305 finished sampling AB-45L

1340. Set up on AB-45

~ 1400 - Storm stand down

~ 1430

1525 Start sample AB-45 collected 6 duplicate on AB-45 used peristaltic pump

1640 Finished sampling AB-45 load equipment. ~~Repeat~~ Post-Cal while I finished sampling.

1750 Post job brief

Submitted by:

Jamie Honeycutt / Lindsey Romine

Reviewed by:

*[Signature]*

*Duke - Slug Testing, Well Development, Well Sampling CAMA  
Daily Field Report (DFR)*

SITE INFORMATION	
S&ME PROJECT NUMBER: <u>7126-16-032A</u>	CONTRACTOR: <u>S&amp;ME</u>
SITE NAME: <u>Buck Steam Station</u>	DATE: <u>9/29/16</u>
FIELD PERSONNEL: <u>James Waters / Travis O'Quinn</u>	WEATHER: <u>cloudy / Drizzle</u>

DAILY PAY ITEM QUANTITIES					
Item No.	Item	Billing Unit	Qty	Org(s)	BST Code
1	Mobilization (Per two-man crew, per site)	per site			D415
2	Project Professional	per hour			
2	Staff Professional	per hour	7	2430	
3	Technician	per hour	10.5		
4	Per Diem (meals)	per day	2		F188
5	Per Diem (lodging)	per day	1		F271
6	Vehicle (one vehicle per two-man crew)	per day	1		F006
7	ATV	per day	1		F059
8	<b>Equipment</b>				
8a	Submersible Pump (For wells less than 200')	per day	2		G725
8b	Grundfos Redi-Flo2 Pump and Controller (for wells greater than 200')	per day			E100
8c	Peristaltic Pump	per day			G723
8d	Generator	per day			G018
8e	YSI - Pro Plus (pH, Cond, ORP, DO, and Temp)	per day	1		E631
8f	Turbidity Meter	per day	1		E136
8g	Field Laptop (or Tablet)	per day	1	2430	G808
8h	Water Level Meter	per day	1	2430	E006
9	<b>Consumables</b>				
9a	Polyethylene Tubing	per foot	150	2430	F358
9b	Braided Nylon Rope	per foot			E179
9c	Daily Env. Consumables (gloves, DI Water, Alconox, paper towels, trash bags), one per day, per two-man crew	per day	1	2430	E064
9d	Calibration Consumables (for pH, cond, and ORP), charged per calibration event	per event	1		E1023

NOTES:

BU-EB-JAW-1 0800  
 BU-AB-GBRU- 1230  
 BU-AW-130 1530 (With team 2)

Field Personnel Signature

*[Signature]* / James A. Waters

Date

9/29/16

Site Manager Signature

*[Signature]*

Date

9/29/16

# DAILY FIELD REPORT

Project Name: Buck Steam Station

Field Manager: Alex Culpepper

Date: 9/29/16

Field Personnel: Travis O'Quinn, James Waters

Weather: Cloudy / Drizzle

## Equipment

## Materials

YSI's, Computers, Waterlevels, Turbidimeter, Pumps

Poly Tubing, Silicoseal, Towels

## Field Observations:

0645 - Arrive at site.

0700 - Safety meeting and stretching.

0730 - Calibration of equipment.

0800 - BU-EB-JAW-1

1230 - Sampled BU-AB-GBRW

1400 - Lunch while stand down in break room.

1530 - Sampled BU-MW-13D (with Team 2)

1645 - Post job calibration critique in break room.

1730 - Left site for the day

James G. Waters

9/29/16

Submitted by:

James G. Waters

Reviewed by:

James G. Waters

*Duke - Slug Testing, Well Development, Well Sampling CMTA  
Daily Field Report (DFR)*

SITE INFORMATION	
S&ME PROJECT NUMBER: <u>7126-16-032A</u>	CONTRACTOR: <u>S&amp;ME</u>
SITE NAME: <u>Buck Steam Station</u>	DATE: <u>9-29-16</u>
FIELD PERSONNEL: <u>David Klemmer / Brant Algea</u>	WEATHER: <u>Sunny, warm, thunderstorm</u>

DAILY PAY ITEM QUANTITIES					
Item No.	Item	Billing Unit	Qty	Org(s)	BST Code
1	Mobilization (Per two-man crew, per site)	per site			D415
2	Project Professional	per hour			
2	Staff Professional	per hour	10.5	2420	
3	Technician	per hour			
4	Per Diem (meals)	per hour	10.5	2430	
5	Per Diem (lodging)	per day	2	2420/2430	F188
6	Vehicle (one vehicle per two-man crew)	per day	1	2420	F271
7	ATV	per day	1	2420	F006
8	<b>Equipment</b>	per day			F059
8a	Submersible Pump (For wells less than 200')	per day			
8b	Grundfos Redi-Flo2 Pump and Controller (for wells greater than 200')	per day			G725
8c	Peristaltic Pump	per day			F100
8d	Generator	per day			G723
8e	YSI - Pro Plus (pH, Cond, ORP, DO, and Temp)	per day			G018
8f	Turbidity Meter	per day			F631
8g	Field Laptop (or Tablet)	per day			F136
8h	Water Level Meter	per day			G808
9	<b>Consumables</b>	per day	2	ARC <del>2420</del>	F006
9a	Polyethylene Tubing	per foot			
9b	Branded Nylon Rope	per foot			F358
9c	Daily Env. Consumables (gloves, DI Water, Alconox, paper towels, trash bags), one per day, per two-man crew	per day			F179
9d	Calibration Consumables (for pH, cond, and ORP), charged per calibration event	per event			F064
					F1023

NOTES:

Collected Cell #1 water levels (CCR Q3 W<sub>L</sub>)  
Assisted James sampling MW-13D

Field Personnel Signature <u>David Klemmer</u>	Date <u>9-29-16</u>
Site Manager Signature <u>Brant Algea</u>	Date <u>9/29/16</u>



## DAILY FIELD REPORT

Project Name: Buck Steam Station

Field Manager: Alex Culpepper

Date: 9-29-16

Field Personnel: David Klemm

Brant Alyea

Weather: Sunny, warm, Thunderstorm

Equipment

Materials

### Field Observations:

0645 Arrive at site, Duke safety meeting, Stone job brief  
David & Brant collected Cell #1 monitoring well water levels  
Helped James sample MW-13D  
Decoded submersible pumps & post calibrated James meters.

Submitted by:

Reviewed by:



*Duke - Slug Testing, Well Development, Well Sampling CIMA  
Daily Field Report (DFR)*

SITE INFORMATION	
S&ME PROJECT NUMBER: <u>7126-16-032A</u>	CONTRACTOR: <u>S&amp;ME</u>
SITE NAME: <u>Buck Steam Station</u>	DATE: <u>9/29/16</u>
FIELD PERSONNEL: <u>Alex Culpepper</u>	WEATHER: <u>Sun / Rain</u>

DAILY PAY ITEM QUANTITIES					
Item No.	Item	Billing Unit	Qty	Org(s)	BST Code
1	Mobilization (Per two-man crew, per site)	per site			
2	Project Professional	per hour			D415
2	Staff Professional	per hour			
3	Technician	per hour	12	2430	
4	Per Diem (meals)	per hour			
5	Per Diem (lodging)	per day	1	2430	F188
6	Vehicle (one vehicle per two-man crew)	per day	1	2430	F271
7	ATV	per day	1	2430	F006
8	<b>Equipment</b>	per day			F059
8a	Submersible Pump (For wells less than 200')	per day			
8b	Grundfos Redi-Flo2 Pump and Controller (for wells greater than 200')	per day			G725
8c	Peristaltic Pump	per day			F100
8d	Generator	per day			G723
8e	YSI - Pro Plus (pH, Cond, ORP, DO, and Temp)	per day			G018
8f	Turbidity Meter	per day			F631
8g	Field Laptop (or Tablet)	per day			F136
8h	Water Level Meter	per day	1	2430	G808
9	<b>Consumables</b>	per day	1	2430	F006
9a	Polyethylene Tubing	per foot			
9b	Braided Nylon Rope	per foot			F358
9c	Daily Env. Consumables (gloves, DI Water, Alconox, paper towels, trash bags), one per day, per two-man crew	per day			F179
9d	Calibration Consumables (for pH, cond, and ORP), charged per calibration event	per event			F064
					F1023

NOTES:

Site Management, out w/ Dec O'Brian until 12:00  
with different sampling crews

Field Personnel Signature

Date

Site Manager Signature

Date

9/29/16