

<p style="text-align: center;">COAKLEY TELECONFERENCE MINUTES OF THE COAKLEY LANDFILL EXECUTIVE COMMITTEE TELECONFERENCE WEDNESDAY, FEBRUARY 8, 2017, AT 10:00 A.M.</p>
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The Coakley Teleconference call commenced at 10:00 a.m. On the call were Committee Members: Seth Jaffe, Esq., Curtis Shipley, Esq. and Robert P. Sullivan, Esq., as well Peter Britz, Joe Montello and Daniel MacRitchie. All votes were unanimous, unless otherwise indicated.

- I. Accept the minutes of the January 11, 2017 Coakley Teleconference call.

OU-1:

II. **BILLS:**

CITY OF PORTSMOUTH:

- A. Invoice #: COAK000173, dated 1/24/17 \$1,250.00
 (No payment certification required)
This item was approved but not authorized for payment until the proration of this expense of OU-1 & OU-2 is reviewed by Peter Britz. Payment to be made at the discretion of Peter Britz.

CES, INC.:

- B. Invoice #: 20163585, dated 1/12/17 \$1,369.55
 (Payment certification received)
This item was approved for payment.
- C. Invoice #: 20163586, dated 1/12/17 \$1,691.93
 (Payment certification received)
This item was approved for payment.

III. **OU - 1 ACTION ITEMS:**

IV. **OU – 1 RECORD ITEMS:**

A. OU-1 Trust Assessment due by November 1, 2016		
		<u>Received</u>
City of Portsmouth	\$ 75,062.44	8/29/16
Town of North Hampton	\$ 5,695.11	9/12/16
Town of Newington	\$ 7,657.49	9/12/16
Generators	\$ 28,034.00	1/20/17
Transporters	\$ 17,252.12	11/4/16
Waste Management	\$ 6,468.85	10/12/16
	\$140,175.01	

OU – 1 Balance as of February 6, 2017 is \$90,552.58

OU-2:

V. BILLS:

CITY OF PORTSMOUTH:

- A. Invoice #: COAK000173, dated 1/24/17 \$1,250.00
(No payment certification required)
This item was approved but not authorized for payment until the proration of this expense of OU-1 & OU-2 is reviewed by Peter Britz. Payment to be made at the discretion of Peter Britz.

CES, INC.:

- B. Invoice #: 20163585, dated 1/12/17 \$1,815.45
(Payment certification received)
This item was approved for payment.
- C. Invoice #: 20163586, dated 1/12/17 \$2,242.78
(Payment certification received)
This item was approved for payment.

VI. OU-2 ACTION ITEMS:

- A. E-mail to the Coakley Executive Committee regarding letter from Town of North Hampton. The Coakley Executive Committee authorized Peter Britz to respond on their behalf to indicate that they have been provided the minutes of the meetings which also contains the date of the next meeting; the Town Manager has asked to attend and he has and been informative and he is always welcome to attend the teleconference on the Town's behalf.

VII. OU-2 RECORD ITEMS:

OU –2 Balance as of February 6, 2017 is \$198,278.46

COMBINED OU-1 & OU-2

VIII. COMBINED OU – 1 & OU – 2 ACTION ITEMS:

- A. Report of Peter Britz of the City of Portsmouth.
See attached. This item was accepted and placed on record.
- B. Discussion on treatment of 1,4-dioxane, and the potential need of providing public water. This item was accepted and placed on record.

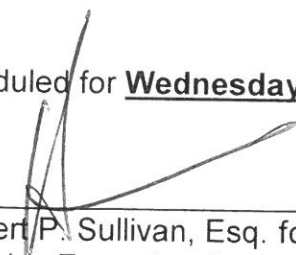
IX. COMBINED OU – 1 & OU – 2 RECORD ITEMS:

- A. E-mails between the Coakley Executive Committee and Michael Deyling of CES regarding the Presentation to the City Council. This item was accepted and placed on record.
- B. E-mails between the Coakley Executive Committee and Michael Deyling of CES regarding draft community updated. This item was accepted and placed on record.
- C. E-mails between the Coakley Executive Committee and Michael Deyling of CES regarding Summary and Update. This item was accepted and placed on record.
- D. E-mails between the Coakley Executive Committee and Michael Deyling of CES regarding News articles. This item was accepted and placed on record.
- E. E-mails between the Coakley Executive Committee and Michael Deyling of CES regarding Surface Water Samples. This item was accepted and placed on record.
- F. E-mails between the Coakley Executive Committee and Michael Deyling of CES regarding Berry Brook sampling data. This item was accepted and placed on record.
- G. E-mails between the Coakley Executive Committee and Michael Deyling of CES regarding Results. This item was accepted and placed on record.
- H. E-mails to Coakley Executive Committee verifying Grantor information request from Piscataqua Savings Bank. This item was accepted and placed on record.
- I. E-mails between the Coakley Executive Committee and Michael Deyling of CES regarding Private Well Test Request. This item was accepted and placed on record.

- J. E-mails between the Coakley Executive Committee and Michael Deyling of CES regarding Coakley GMZ well installation. This item was accepted and placed on record.

The next Coakley teleconference call is scheduled for Wednesday, March 8, 2017, at 10:00 a.m.

Dated: 2/16/17


Robert P. Sullivan, Esq. for the
Coakley Executive Committee

Memo

To: Coakley Executive Committee
From: Peter Britz, Coakley Technical Committee
Date: February 8, 2017
Re: Activity report

Portsmouth City Council Meeting January 23 EPA/DES meeting January 26

Mike Deyling and Bob Sullivan presented to the Portsmouth City Council on January 23. This presentation provided the City Councilors with a better understanding of Coakley and the Role of the Coakley landfill Group. There were quite a few questions from the Portsmouth City Council. Also there were 30 or more members of the public from surrounding towns that came to speak about the Coakley Landfill. On January 26 Bob Sullivan, Mike Deyling and I attended the meeting put on by EPA and NHDES which was well attended by approximately 60 people. There were a lot of questions for the agencies who overall supported the statements we provided to the City Council on January 23.

FPC-3 Wells

We have still not received the data validation from this sampling yet. Mike Deyling said that he has been trying to get a date from the data validator as to when this work would be complete but has not received a response.

Additional Sampling

NHDES has received all the results for the field sampling that was done near the capped landfill and near Breakfast Hill Road. The results provided by Drew Hoffman from DES are attached in the following file. (Berry's Brook Dec 2016 Surface Water Sampling Field Report.pdf) Mike Deyling's comments regarding these results are attached in this file: (Comments from Mike Deyling 2-6-17). Mike is available to be on the call.

CLG Coordinator Time on Project

Since our last call January 11, I calculated that I have worked 59 hours on this project.

Financial Assurance Discussion

I have found 180 day cash flow projections which were submitted quarterly. This appears to have been done for only OU-1. I will draft a quarterly report to submit for the Group's review on or before the next call.

OU-1 OU-2 Split

I have begun the process of tallying how many monitoring wells are being sampled in OU-1 versus OU-2. I will provide a breakdown and way to calculate the level of effort spent on OU-1 versus OU-2.

New Well Couplet Installation

Everyone had provided comments we need to provide a final draft to Sewall's attorney. Bob and I are meeting this afternoon to go over this. We need to have this complete soon because CES has scheduled the well drillers to do the work on February 20, 2017.

Berry's Brook Surface Water
Sampling Techniques, Observations and Results
By New Hampshire Department of Environmental Services
December 20, 2016
Greenland, New Hampshire

On December 20, 2016 Steve Roy of the NHDES Water Division and Drew Hoffman of the NHDES Waste Management Division sampled five surface water stations along Berry's Brook in Greenland and Rye, NH. Samples were collected for analysis of perfluorinated sulfonic and carboxylic acids (PFCs) per EPA Method 537M and 1,4-dioxane per EPA Method 522. PFC samples were collected into two, non-preserved, 250 milliliter polypropylene bottles. 1,4-Dioxane samples were collected into one 1-liter amber glass bottles preserved with sodium bisulfate (NaHSO_4). A summary of sample locations are shown in the photos and table below:

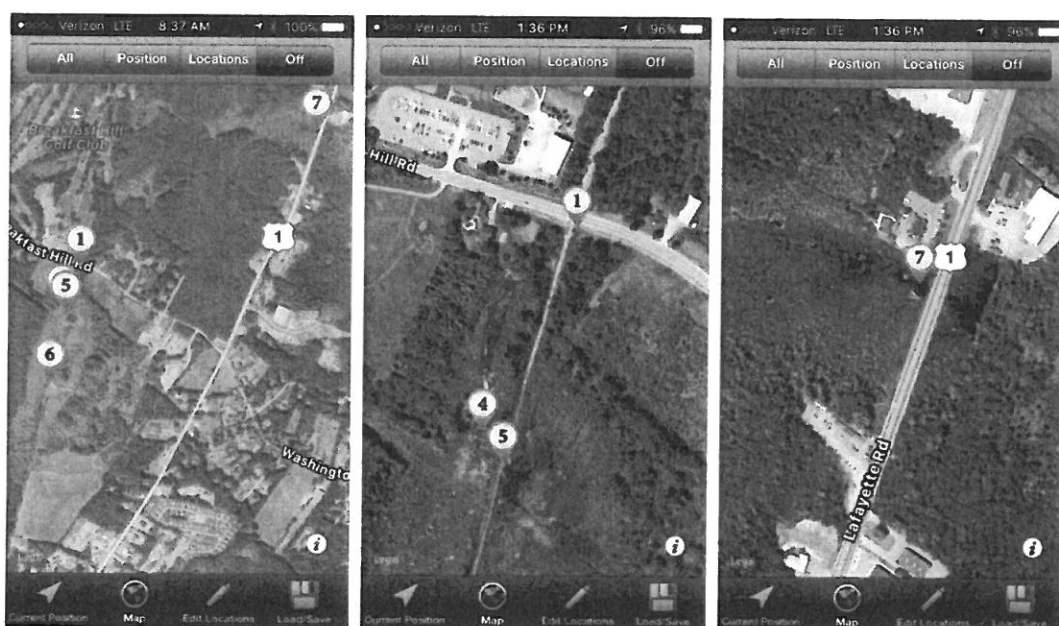


Table 1 – Station Information

Location (see photos above)	Sample ID	Northing	Easting	Comment
1	CLK-SW10	43.010632	-70.815692	Surface water sample collected
4	CLK-SW11	43.008909	-70.816769	Surface water sample collected
5	CLK-SW12	43.008638	-70.816530	Surface water sample collected
6	CLK-SW13	43.005673	-70.817440	Surface water sample collected
7	CLK-SW14	43.016533	-70.801755	Surface water sample collected

Location 1 – CLK-SW10

Three culverts converge at this sampling location. Only one culvert appeared to be conveying a sufficient volume of water to keep the water surface relatively ice free. There had been recent precipitation (0.4 inches of rain on 12/18) in the days prior to sampling causing overland flow between area wetlands. Both standard and duplicate samples were collected from this location (Photos 4 & 5 below). Photo 5 demonstrates sampling technique for PFC sample collection. Photo 6 shows sampling technique for 1,4-dioxane sample collection (note use of designated sterile bottle for transfer of water to preserved sample bottle). A field duplicate was also prepared at this location by pouring lab-supplied deionized water from transport container to sample containers (Photo 7).



Photo 4

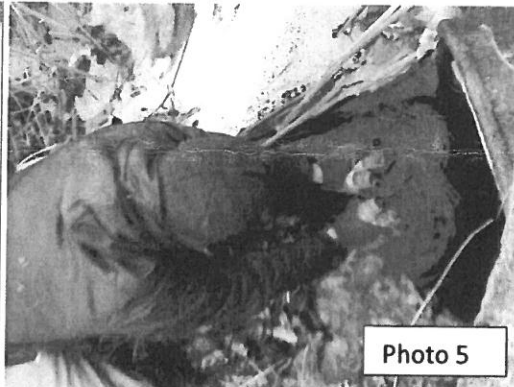


Photo 5



Photo 6



Photo 7

Location 4 – CLK-SW11

Sample collected from ponded wetland to the west of the former railroad tracks and several hundred yards south of CLK_SW10. Several inches of ice were removed using a steel ice chisel.



Photo 8



Photo 9

Location 5 – CLK-SW12

Sample collected from ponded wetland to the east of the former railroad tracks opposite of CLK_SW11. Minimal ice removal was required.



Photo 10



Photo 11

Location 6 – CLK-SW13

Sample collected from ponded wetland to the east of the former railroad tracks. Approximately six inches of ice had to be removed using a steel ice chisel prior to sample collection.



Photo 12



Photo 13



Photo 14

Location 7 – CLK-SW14

Sample collected from ponded wetland to the west of Lafayette Road. Approximately six inches of ice had to be removed using a steel ice chisel prior to sample collection.



Photo 15



Photo 16

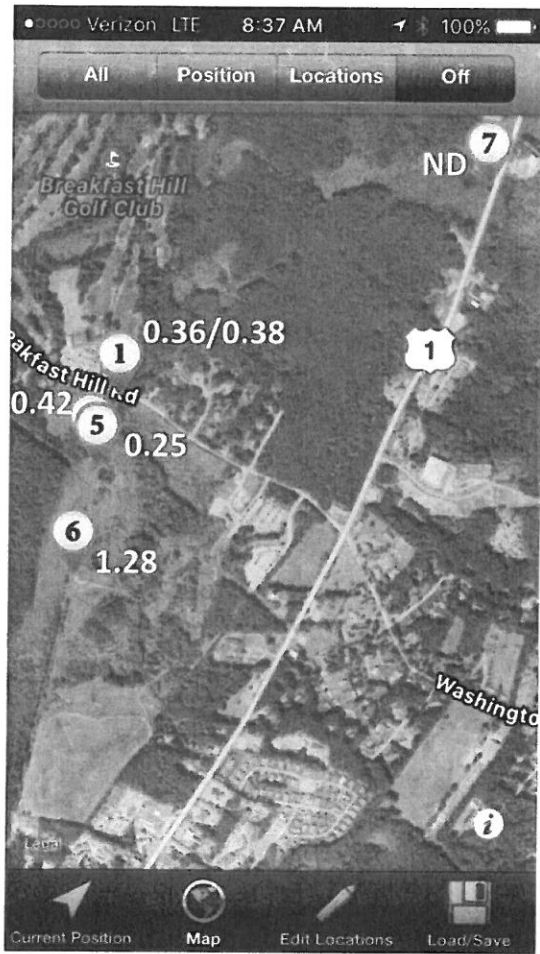
Table 2 – Analytical Data Summary by Station

Location	Sample ID	1,4-Dioxane (1) results (ug/L)	PFOA & PFOS(2) results (ng/L)
1	CLK-SW10	0.36/0.38 (dup)	297/308 (dup)
4	CLK-SW11	0.42	311
5	CLK-SW12	0.25	410
6	CLK-SW13	1.28	1250
7	CLK-SW14	ND (0.20)	90

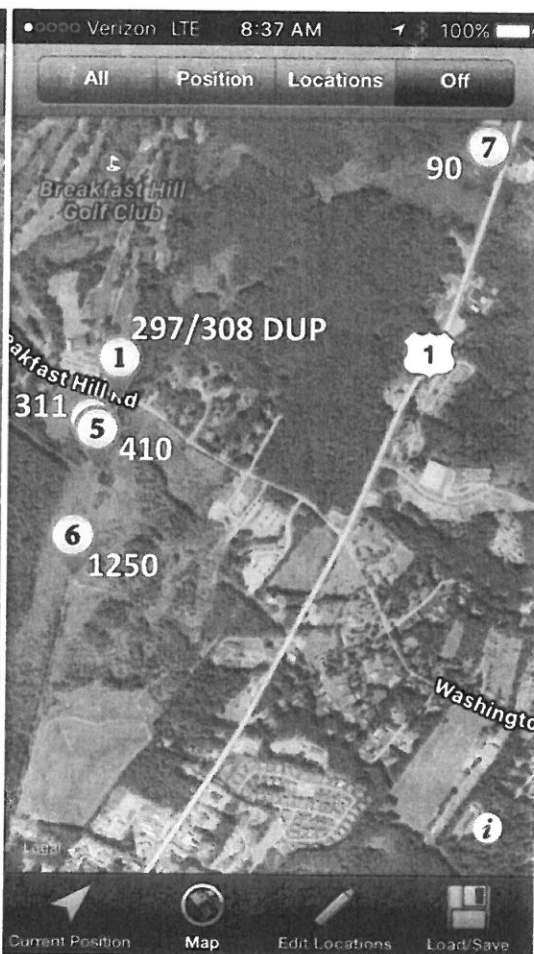
1. Although not an applicable comparison, ambient Groundwater Quality Standard is 3 parts-per-billion for 1,4-dioxane.

2. Although not an applicable comparison, ambient Groundwater Quality Standard is 70 parts-parts-per-trillion for each or combined total of PFOA/PFOS.

ND = not detected at or above the reporting limit of 0.20 ug/L.



Map showing 1,4-dioxane results (ug/L)



Map showing PFOA+PFOS results (ng/L)