



FOSTER WHEELER ENVIRONMENTAL CORPORATION

July 20, 1999
File #: 1284-0011-99-0343

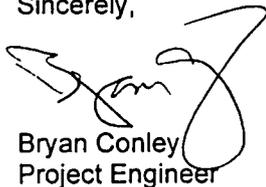
Mr. Paul Kulpa
Rhode Island Department of Environmental
Management
Division of Site Remediation
235 Promenade Street
Providence, RI 02908-5767

Subject: Well Completion Reports for the Melville North Landfill

Dear Mr. Kulpa:

In accordance with Section 6.00 of the Rhode Island Final Regulations, Foster Wheeler Environmental Corporation is submitting a copy of the well completion reports for the three (3) remaining monitoring wells that were abandoned on June 27, 1999, at the Melville North Landfill in Portsmouth, Rhode Island. Each monitoring well was abandoned by Foster Wheeler Environmental Corporation in accordance with Section 13.0 of the Rhode Island Final Regulations. Abandonment of these wells represents the completion of the monitoring well abandonment activities at the Melville North Landfill. Should you require any additional information regarding the monitoring well abandonment, please contact me at (401) 683-5259

Sincerely,



Bryan Conley
Project Engineer

Enc.

cc. Tom Gibison, NorthDiv (w/Enc.)
Jim Shafer, NorthDiv (w/Enc.)
Steven McInnis (w/Enc.)
Carl Tippmann, FWENC
Dan Sullivan, FWENC
Mark Miller, FWENC
Ann Glackin, FWENC

FOSTER WHEELER ENVIRONMENTAL CORPORATION
195 Burma Road
Portsmouth, RI 02781

Site : Melville North Landfill

Date : 27-Jun-99

Location : Portsmouth, RI

Submitted by: Joshua B. Holden
Joshua B. Holden

Client : U. S. Navy - Northern Division

Well Location :

See Attached Drawing
Existing Conditions and Sampling Locations
Drawing Number : Figure 2

Well No : MW-14S

Protective Casing (type) Steel

Size (dia.) 4 1/4 inch

ground surface

Depth of Casing Removal : Entire casing removed

Well Material : PVC

Depth of Well : 14.9 ft.



Well Abandonment Details :

The Well was monitored for the presence of combustible gases using PID and LEL - O₂ meters. The Monitoring Well was then sounded to determine its depth and to assure that that there was no obstructions in the well. The well was then filled with a cement and bentonite mixture. The mixture was pumped through a tremie tube, filling the well from the bottom to the top. The casing was completely removed and the PVC piping was cut off below the ground surface.

Grout Material : Mixture of cement and bentonite.

Grout Volume . 3 (gal)

FOSTER WHEELER ENVIRONMENTAL CORPORATION

195 Burma Road
Portsmouth, RI 02781

Site : Melville North Landfill

Date : 27-Jun-99

Location : Portsmouth, RI

Submitted by: Joshua B Holden
Joshua B. Holden

Client : U. S. Navy - Northern Division

Well Location :

See Attached Drawing
Existing Conditions and Sampling Locations
Drawing Number : Figure 2

Well No : MW-14R

Protective Casing (type) Steel

Size (dia.) 4 1/4 inch

ground surface

Depth of Casing Removal : Entire casing removed

Well Material : PVC

Depth of Well : 43 ft.



Well Abandonment Details

The Well was monitored for the presence of combustible gases using PID and LEL - O₂ meters. The Monitoring Well was then sounded to determine its depth and to assure that that there was no obstructions in the well. The well was then filled with a cement and bentonite mixture. The mixture was pumped through a tremie tube, filling the well from the bottom to the top. The casing was completely removed and the PVC piping was cut off below the ground surface.

Grout Material : Mixture of cement and bentonite.

Grout Volume : 7.5 (gal)

FOSTER WHEELER ENVIRONMENTAL CORPORATION
195 Burma Road
Portsmouth, RI 02781

Site : Melville North Landfill

Date : 27-Jun-99

Location : Portsmouth, RI

Submitted by: Joshua B. Holden
Joshua B. Holden

Client : U. S. Navy - Northern Division

Well Location :

See Attached Drawing
Existing Conditions and Sampling Locations
Drawing Number : Figure 2

Well No : MW-5

Protective Casing (type) Steel

Size (dia.) 6 inch

ground surface

Depth of Casing Removal : Entire casing removed

Well Material : PVC

Depth of Well : 20 ft.



Well Abandonment Details :

The Well was monitored for the presence of combustible gases using PID and LEL - O₂ meters. The Monitoring Well was then sounded to determine its depth and to assure that that there was no obstructions in the well. The well was then filled with a cement and bentonite mixture. The mixture was pumped through a tremie tube, filling the well from the bottom to the top. The casing was completely removed and the PVC piping was cut off below the ground surface.

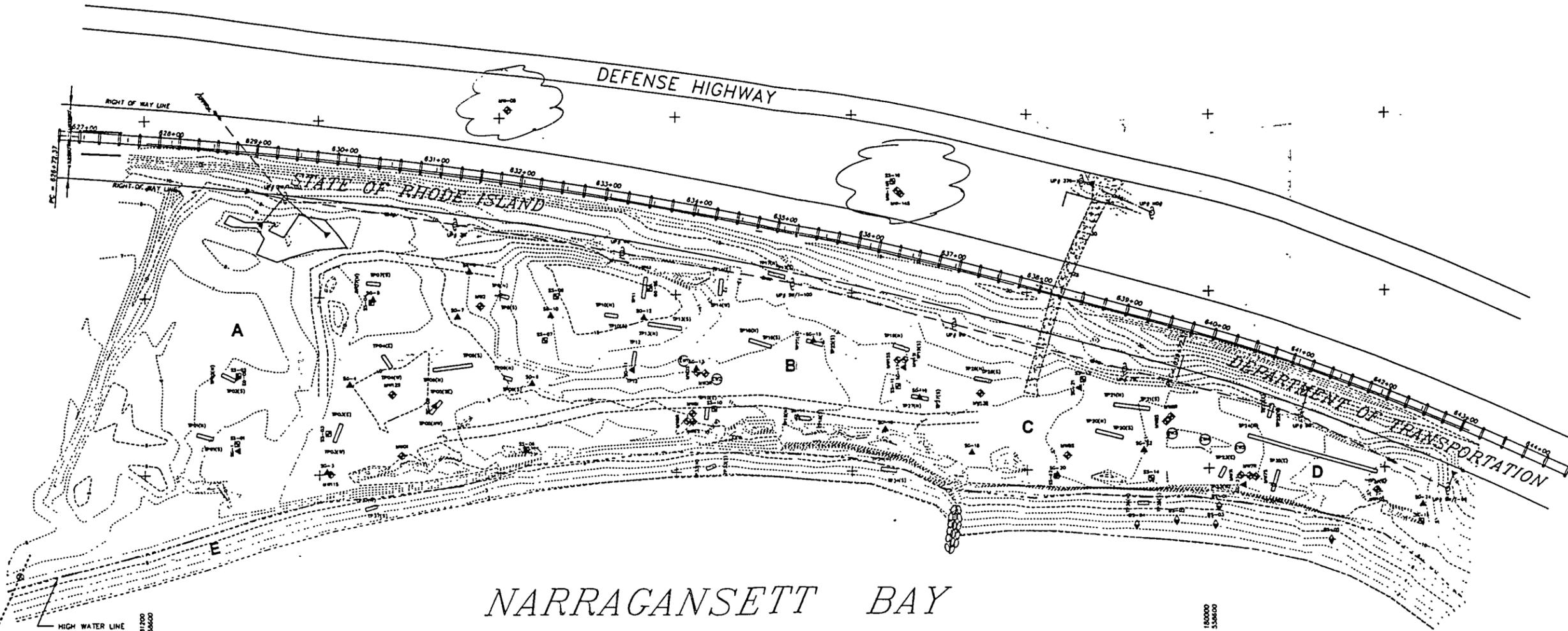
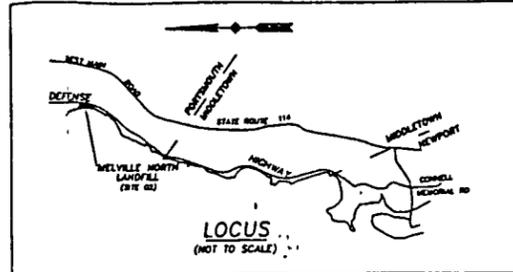
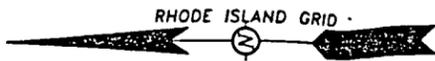
Grout Material : Mixture of cement and bentonite.

Grout Volume : 3.5 (gal)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

A
B
C
D
E
F
G
H
I
J

A
B
C
D
E
F
G
H
I
J



NARRAGANSETT BAY

- LEGEND:**
- - - EXISTING CONTOUR
 - - - HIGHWATER LINE
 - TP-1 TO TP-15 TEST PIT LOCATION
 - MW-1 TO MW-15 SURFACE SAMPLE LOCATION
 - BS-1 TO BS-15 MONITORING WELL LOCATION
 - BS-1 TO BS-15 BEACH SAMPLE LOCATION

THIS DRAWING PRODUCED BY AUTOCAD
DO NOT REVISE MANUALLY

THIS DOCUMENT IS THE PROPERTY OF
THE DEPARTMENT OF THE NAVY
PREPARED BY FOSTER WHEELER
ENVIRONMENTAL CORPORATION AND IS
REPRODUCED UNDER THE CONDITIONS THAT
IT MAY NOT BE REPRODUCED,
COPIED, OR TRANSMITTED IN ANY MANNER
WITHOUT THE WRITTEN PERMISSION OF
THE ORIGINAL AUTHOR. THE DEPARTMENT OF
THE NAVY WILL BE USED SOLELY FOR THE
ORIGINAL INTENDED PURPOSE AND
SOLELY FOR THE EXECUTION AND
REVIEW OF THE DESIGNING AND
CONSTRUCTION OF THE PROJECT.

MELVILLE NORTH LANDFILL					
NAVAL EDUCATION TRAINING CENTER PORTSMOUTH, RHODE ISLAND					
EXISTING CONDITIONS AND SAMPLING LOCATION					
FOSTER WHEELER ENVIRONMENTAL CORPORATION LIMMINGTON, NEW JERSEY					
DEPT CE	DESIGNED MWJ	PREPARED JR	CHECKED CT	APPROVED	DATE
SCALE 1"=60'-0"		DRAWING NUMBER FIGURE 2		SH 2	OF REV 6 0

TOPOGRAPHICAL SURVEY PREPARED BY SAI SURVEYING CO TAKEN FROM DRAWING
ENTITLED "SITE 02, MELVILLE NORTH LANDFILL SITE MAP," DATED 5/29/91

CAD FILE NAME: MEL1009.DWG
PLOT SCALE: 1"=60'-0"

REV	ISSUED FOR NAVY REVIEW	REVISION DESCRIPTION	PREPARED	CHECKED	APPROVED	DATE
0	ISSUED FOR NAVY REVIEW					

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16