



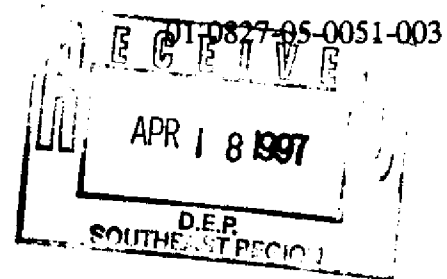
SAIC Engineering, Inc.

A Subsidiary of Science Applications International Corporation

An Employee-Owned Company

SCANNED

April 16, 1997



U.S. Environmental Protection Agency
Region 1
John F. Kennedy Building
Boston, Massachusetts 02203

Attention: Mr. Frank Ciavattieri

**Reference: Aerovox Site Post-Closure Monitoring,
March 22, 23 and 24, 1997**

Dear Mr. Ciavattieri:

Enclosed are the results of the water level monitoring and cap inspection conducted at the Aerovox site by SAIC Engineering, Inc. during the March 1997 full moon period.

The next inspection and round of water level readings are scheduled for the September 1997 full moon period. Please call if you have any questions.

Sincerely,

SAIC ENGINEERING, INC.

Allen F. Davis, P.E.
Project Manager

Enclosures

cc: G. Monte, DEP/SERO
P. Galvani, Ropes & Gray
P. Szwaja, Aerovox

**POST-CLOSURE MONITORING REPORT
AEROVOX, INC.
NEW BEDFORD, MASSACHUSETTS**

I certify under penalty of law that I have personally examined and am familiar with the information in this inspection report and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Peter Szwaja
Name

APRIL 16, 97
Date

Peter Szwaja
Signature

Environmental Control Engineer
Official Title

LIST OF ATTACHMENTS

- Tables 1A and 1B Dated: 3/22/97
Tables 2A and 2B Dated: 3/23/97
Tables 3A and 3B Dated: 3/24/97
Cap Inspection Report - Spring 1996

TABLE 1A

WATER LEVEL READINGS

**AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: High

Time of Tide: 0642

Date: March 22, 1997

Time of Readings: 0630 - 0727

LOCATION	TOP OF CASING ELEVATION (1) (2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 152 MONTHS (4)
Tide Gauge	4.76		1.73	3.03		
Well No. 2	6.92		4.60	2.32		
Well No. 2A	6.67	2.62	3.35	3.32	0.70	1.51 - 4.00
Well No. 3	6.95		4.64	2.31		
Well No. 3A	8.26	1.86	6.03	2.23	0.37	0.78 - 3.31
Well No. 4	10.99		8.70	2.29		
Well No. 4A	10.78	2.28	7.69	3.09	0.81	1.60 - 3.88
Well No. 7	7.59		5.03	2.56		
Well No. 7A	7.33	2.60	4.37	2.96	0.36	2.38 - 3.40

NOTES:

Weather: 40 degrees F, Rain

Readings by: Mark Panni

Affiliation: SAIC Engineering, Inc., 101 East Grove Street, Middleboro, Massachusetts, 02346

FOOTNOTES:

(1)

All readings and elevations are in feet and are referenced to mean sea level datum.

(2)

Tide elevation is measured in reference to a known elevation of 4.76 ft, at a point on sheet piling near Well No. 2.

(3)

Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.

(4)

Numbers in this column are the range of recorded elevations from July 1984 through March, 1997.

TABLE 1B

WATER LEVEL READINGS

**AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: Low
Time of Tide: 1239
Date: March 22, 1997
Time of Readings: 1235 - 1301

LOCATION	TOP OF CASING ELEVATION (1) (2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 152 MONTHS (4)
Tide Gauge	4.76		Dry	"		
Well No. 2	6.92		5.15	1.77		
Well No. 2A	6.67	2.62	3.35	3.32	0.70	1.51 - 4.00
Well No. 3	6.95		5.38	1.57		
Well No. 3A	8.26	1.86	5.59	2.67	0.81	0.78 - 3.31
Well No. 4	10.99		10.05	0.94		
Well No. 4A	10.78	2.28	7.61	3.17	0.89	1.60 - 3.88
Well No. 7	7.59		6.75	0.84		
Well No. 7A	7.33	2.60	4.40	2.93	0.33	2.38 - 3.40

NOTES:

Weather: 40 degrees F, Partly Sunny
Readings by: Mark Panni
Affiliation: SAIC Engineering, Inc., 101 East Grove Street, Middleboro, Massachusetts, 02346

FOOTNOTES:

- (1) All readings and elevations are in feet and are referenced to mean sea level datum.
- (2) Tide elevation is measured in reference to a known elevation of 4.76 ft., at a point on sheet piling near Well No. 2.
- (3) Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.

TABLE 2A

WATER LEVEL READINGS

**AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: High
Time of Tide: 0721
Date: March 23, 1997
Time of Readings: 0703 - 0747

LOCATION	TOP OF CASING ELEVATION (1) (2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 152 MONTHS (4)
Tide Gauge	4.76		2.09	2.67		
Well No. 2	6.92		4.79	2.13		
Well No. 2A	6.67	2.62	3.57	3.10	0.48	1.51 - 4.00
Well No. 3	6.95		4.87	2.08		
Well No. 3A	8.26	1.86	6.13	2.13	0.27	0.78 - 3.31
Well No. 4	10.99		8.74	2.25		
Well No. 4A	10.78	2.28	7.60	3.18	0.90	1.60 - 3.88
Well No. 7	7.59		5.19	2.40		
Well No. 7A	7.33	2.60	4.45	2.88	0.28	2.38 - 3.40

NOTES:

Weather: 30 degrees F. Clear, Windy
Readings by: Mark Panni
Affiliation: SAIC Engineering, Inc., 101 East Grove Street, Middleboro, Massachusetts, 02346

FOOTNOTES:

- (1) All readings and elevations are in feet and are referenced to mean sea level datum.
- (2) Tide elevation is measured in reference to a known elevation of 4.76 ft., at a point on sheet piling near Well No. 2.
- (3) Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.
- (4) Numbers in this column are the range of recorded elevations from July 1984 through March, 1997.

TABLE 2A

WATER LEVEL READINGS

**AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: High
 Time of Tide: 0721
 Date: March 23, 1997
 Time of Readings: 0703 - 0747

LOCATION	TOP OF CASING ELEVATION (1)(2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 152 MONTHS (4)
Tide Gauge	4.76		2.09	2.67		
Well No. 2	6.92		4.79	2.13		
Well No. 2A	6.67	2.62	3.57	3.10	0.48	1.51 - 4.00
Well No. 3	6.95		4.87	2.08		
Well No. 3A	8.26	1.86	6.13	2.13	0.27	0.78 - 3.31
Well No. 4	10.99		8.74	2.25		
Well No. 4A	10.78	2.28	7.60	3.18	0.90	1.60 - 3.88
Well No. 7	7.59		5.19	2.40		
Well No. 7A	7.33	2.60	4.45	2.88	0.28	2.38 - 3.40

NOTES:

Weather: 30 degrees F, Clear, Windy
 Readings by: Mark Panni
 Affiliation: SAIC Engineering, Inc., 101 East Grove Street, Middleboro, Massachusetts, 02346

FOOTNOTES:

- (1) All readings and elevations are in feet and are referenced to mean sea level datum.
- (2) Tide elevation is measured in reference to a known elevation of 4.76 ft., at a point on sheet piling near Well No. 2.
- (3) Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.
- (4) Numbers in this column are the range of recorded elevations from July 1984 through March, 1997.

TABLE 3A

WATER LEVEL READINGS

**AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: High
Time of Tide: 0800
Date: March 24, 1997
Time of Readings: 0748 - 0821

LOCATION	TOP OF CASING ELEVATION (1)(2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 152 MONTHS (4)
Tide Gauge	4.76		2.60	2.16		
Well No. 2	6.92		4.98	1.94		
Well No. 2A	6.67	2.62	3.71	2.96	0.34	1.51 - 4.00
Well No. 3	6.95		5.07	1.88		
Well No. 3A	8.26	1.86	6.31	1.95	0.09	0.78 - 3.31
Well No. 4	10.99		8.90	2.09		
Well No. 4A	10.78	2.28	7.69	3.09	0.81	1.60 - 3.88
Well No. 7	7.59		5.39	2.20		
Well No. 7A	7.33	2.60	4.47	2.86	0.26	2.38 - 3.40

NOTES:

Weather: 35 degrees F, Clear
Readings by: Mark Panni
Affiliation: SAIC Engineering, Inc., 101 East Grove Street, Middleboro, Massachusetts, 02346

FOOTNOTES:

- (1) All readings and elevations are in feet and are referenced to mean sea level datum.
- (2) Tide elevation is measured in reference to a known elevation of 4.76 ft., at a point on sheet piling near Well No. 2.
- (3) Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.

TABLE 3B

WATER LEVEL READINGS

**AEROVOX PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Tide Stage: Low
Time of Tide: 1336
Date: March 24, 1997
Time of Readings: 1314 - 1346

LOCATION	TOP OF CASING ELEVATION (1)(2)	BASELINE ELEVATION (3)	CURRENT READING	CURRENT ELEVATION	CHANGE IN ELEVATION vs. BASELINE	RANGE OF ELEVATION OVER PREVIOUS 152 MONTHS (4)
Tide Gauge	4.76		Dry			
Well No. 2	6.92		5.20	1.72		
Well No. 2A	6.67	2.62	3.70	2.97	0.35	1.51 - 4.00
Well No. 3	6.95		6.05	0.90		
Well No. 3A	8.26	1.86	5.55	2.71	0.85	0.78 - 3.31
Well No. 4	10.99		9.56	1.43		
Well No. 4A	10.78	2.28	7.67	3.11	0.83	1.60 - 3.88
Well No. 7	7.59		7.54	0.05		
Well No. 7A	7.33	2.60	4.45	2.88	0.28	2.38 - 3.40

NOTES:

Weather: 40 degrees F, Clear, Light Wind
Readings by: Mark Panni
Affiliation: SAIC Engineering, Inc., 101 East Grove Street, Middleboro, Massachusetts, 02346

FOOTNOTES:

- (1) All readings and elevations are in feet and are referenced to mean sea level datum.
- (2) Tide elevation is measured in reference to a known elevation of 4.76 ft., at a point on sheet piling near Well No. 2.
- (3) Baseline elevations shown for shallow wells Nos. 2A, 3A, 4A, and 7A are average monthly readings recorded for July 1984 through June 1985.
- (4) Numbers in this column are the range of recorded elevations from July 1984 through March, 1997.

SHEET PILING/CAP INSPECTION REPORT - SPRING 1997

**AKROYOI PLANT SITE
NEW BEDFORD, MASSACHUSETTS**

Sheet 1 of 1

		Check if any listed defect is observed				
		CRACKS OR GAPS	FLAKING OR SPALLING	FROST HEAVES	DEPRESSION OR SETTLEMENT	OTHER
A.	8-foot wide strip adjacent to north trough					
	1. Surface	X				See Note No. 1
	2. Joints					
B.	Directly behind plant					
	1. Surface	X				See Note No. 2
	2. Joints					
	* along building					
	* around cooling tower					
	* around well casings					
	* along steel pilings					
	* around fence posts					
	* remaining area on either side of old pump house					
C.	1. Surface					
	2. Joints					
	* around well casings					
	* around fence posts					
	* along steel pilings					
	South drainage trough extension (concrete pipe)					
D.	1. Surface					
	2. Joints	X				See Note No. 3

Inspection by : Alton F. Davis 4/16/97
Affiliation : SAIC Engineering, Inc., 101 East Grove Street, Middleboro, Massachusetts 02346

Note No. 1: Cracking near northeast corner of building should be resealed.

Note No. 2: Crack extending easterly under the fence should be resealed.
North/South crack east of the fence and North/South crack within the fence should be resealed.

Note No. 3: Joints between south concrete trough and asphalt paving, south of fence, should be sealed.
Eastermost joint of concrete pipe section of the south trough should be sealed.