



# tibbetts engineering corp.

210 DEANE STREET, NEW BEDFORD, MASSACHUSETTS 02746,  
TELEPHONE (617) 998-5633

February 18, 1986  
Job No. 7551

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ROBERT C. VERKADE, P.E., R.L.S.  
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HENRY C. GOVONI

DUARTE M. ANDRADE  
GERARD G. CHAREST, JR.  
JOHN DeMELLO  
JOSEPH DOMINGOS  
RICHARD A. MUNROE  
RICHARD H. SETTELE

Mr. Raymond Biszko  
5 Mill Street  
Tiverton, Rhode Island 02878

**Re: Survey relative to hazardous materials  
506 Newton Street, Fall River, MA**

Dear Sir:

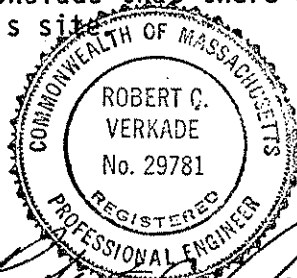
In accordance with your request, Tibbetts Engineering Corp. has performed a survey for oil and hazardous materials on the above referenced site. The survey consisted of an on-site visual inspection, soil sampling and soil analysis.

The on-site visual inspection was performed on January 24, 1986. This  $\pm$  2-1/2 acre parcel contains a  $\pm$  16,100 sq.ft. 1-story metal building presently housing a retail power tool store. On the East side of this building, there is a continuous wall footing in place for a proposed  $\pm$  5,200 sq.ft. concrete block building addition. Available information indicates that there are no underground tanks on this site.

It was observed that the material excavated from the footing trench area is rubble fill, containing pieces of rubber and small rubber wheels. Historical research indicates that this site was formerly part of the Fall River Firestone rubber factory landfill area.

To assess the environmental and/or health hazard posed by this rubble fill material, a composite sample was collected and analyzed according to the Federal EP Toxicity test procedure. The test results indicate that the specific test metals would not leach out of this rubble fill material in any concentration that would classify it as hazardous. Furthermore, there are no water courses on or adjacent to this property and the site is served by a forced main municipal water system.

Based upon the above test results and observations in the areas examined, we can conclude that there are no obvious signs of oil or hazardous materials on this site.



Very truly yours,  
TIBBETTS ENGINEERING CORP.

*Manuel Soares Jr.*  
Manuel Soares, Jr.

MS/pmp

Reviewed by: *Robert C. Verkade*  
Robert C. Verkade, P.E., R.L.S.  
Vice President/Chief Engineer

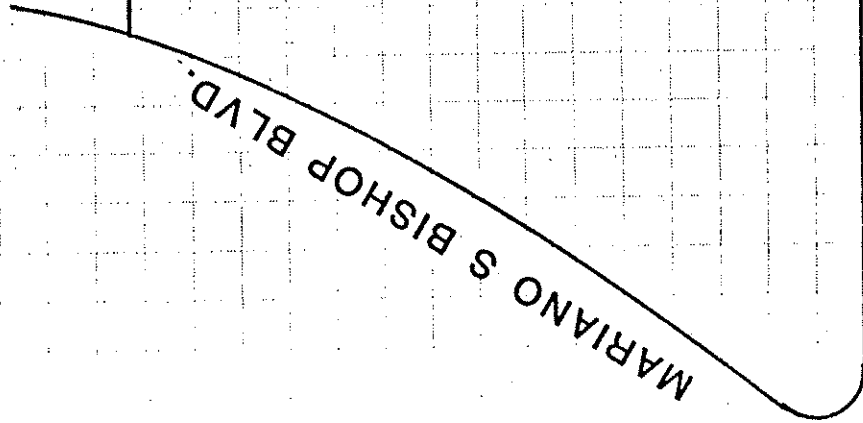
TIBBETTS ENGINEERING CORP.

210 Deane St.  
New Bedford, MA 02746  
(617) 996-5633

303 Rodman St.  
Fall River, MA 02721  
(617) 676-1710

MR. RAYMOND BISZKO  
5 MILL STREET FALL RIVER, MA.  
JOB# 7551 DATE:2/6/86  
APX. SCALE: 1":80'  
SITE PLAN: 350 MARIANO S BLVD

NEWTON ST.



AMITY ST.

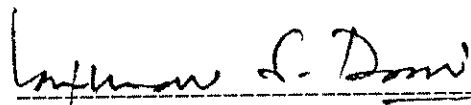
NOTE:  
SOIL SAMPLE TAKEN FROM PROPOSED BUILDING FOOTING AREA.

METHODOLOGIES:

1. Standard Methods for Examination of Water and Wastewater.  
APHA-AWWA-WACF. 15th Edition. 1980.
2. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods.  
EPA SW-846. 1982.
3. Methods for Organic Chemical Analysis of Municipal and Industrial  
Wastewater. EPA 600/4-82-057. 1982.
4. Methods for Chemical Analysis of Water and Wastes.  
EPA 600/4-82-055. 1982
5. Analysis of PCB's in Transformer Fluid and Waste Oil.p  
EPA 600/4-81-045. 1981.
6. The United States Pharmacopeia. The National Formulary.  
USP 21st Edition. Formulary 15th Edition. 1985.
7. Sprayed Asbestos-Containing Materials in Buildings: A Guidance Document.  
EPA 450/2-78-014. 1978.



Thomas F. Brennan, Ph.D.  
STUDY DIRECTOR



Laxman S. Desai, D.Sc.  
SCIENTIFIC DIRECTOR

CERTIFICATE OF ANALYSIS

CLIENT: Tibbetts Engineering

ANALYSIS REQUESTED: EP Toxicity Extraction, RCRA Metals TOXIKON NUMBER: 86C-0106.1  
 DATE SAMPLED: 01/30/86  
 CLIENT IDENT: 860240, Job # 7551, Work Order # 3 DATE REPORTED: 02/11/86

SAMPLE LOCATION:

SAMPLE DESCRIPTION: water XX soil oil sludge solid other:  
 SAMPLE CONTAINER: XX glass plastic VOA vial NUMBER OF CONTAINERS: 1

FIELD PREP:

PARAMETER	RESULT	UNITS	MDL*	INST	REF**	DATE	
						EXTRACT	ANALYZE
EP Toxicity Extraction					2	02/06/86	02/11/86
RCRA Metals:							
Arsenic	ND	mg/L	0.01	HGA	2	02/06/86	02/11/86
Barium	0.26	mg/L	0.01	FAA	2	02/06/86	02/11/86
Cadmium	ND	mg/L	0.01	FAA	2	02/06/86	02/11/86
Chromium	0.04	mg/L	0.01	FAA	2	02/06/86	02/11/86
Lead	3.00	mg/L	0.01	FAA	2	02/06/86	02/11/86
Mercury	ND	mg/L	0.001	CV*1	2	02/06/86	02/11/86
Selenium	ND	mg/L	0.01	HGA	2	02/06/86	02/11/86
Silver	ND	mg/L	0.01	FAA	2	02/06/86	02/11/86

\*1 - Cold Vapor.

\* - Method Detection Limits (same units as the Results)  
 \*\*REF - Reference as cited on the cover (first) page of this report.

REC-111  
JAN 27 1986  
TEC.

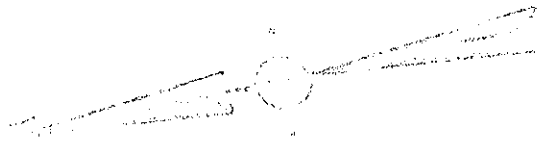
Now BELONGING TO SEABOARD ASSOC.  
RAYMOND J. BISZKO AND RAYMOND BISZKO

NEWTON ST

SITE

SHAWS

RECEIVED  
FEB 11 1986  
NEWTON ST



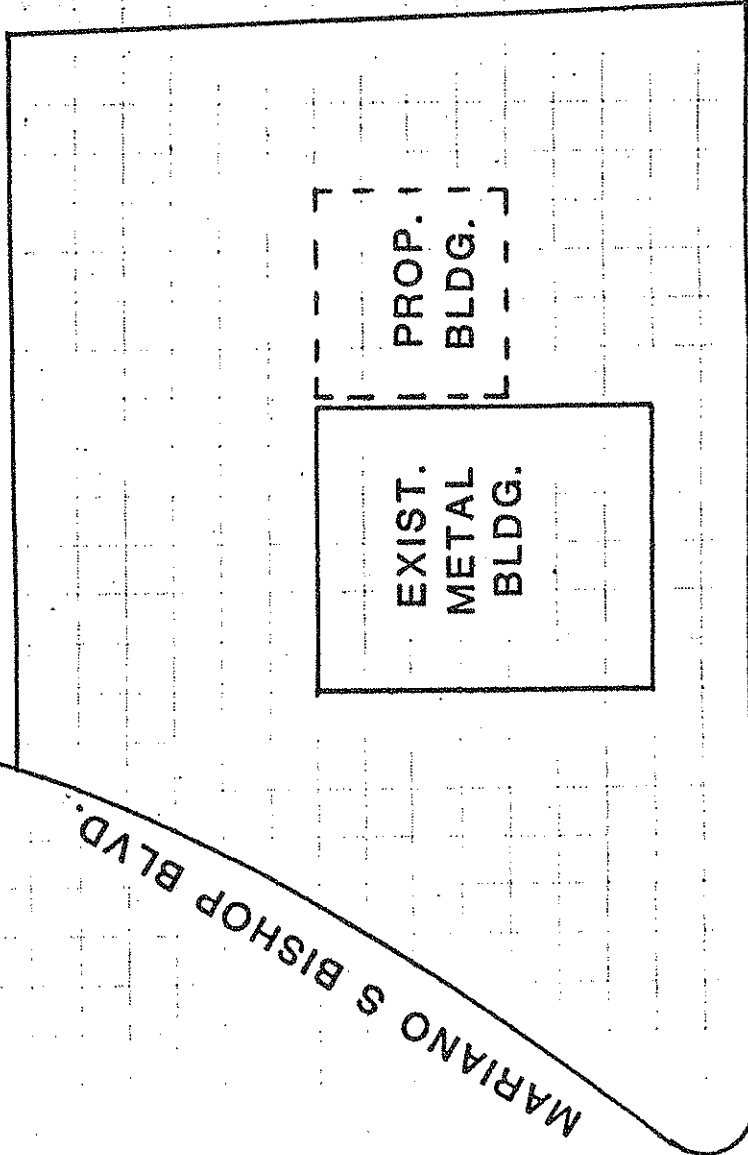
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