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WESTON
MANAGERS DESIGNERS/CONSULTANTS
187 BALLARDVALE STREET
WILMINGTON, MA 01887
508-988-7000 • FAX: 508-988-7093

25 July 1996
Work Order No. 03886-118-002-0700-00

Mr. Maurice Beaudoin, Resident Engineer
Department of the Army
New England Division, Corps of Engineers
New Bedford Resident Office
103 Sawyer Street
New Bedford, MA 02746

Superfund Records Center
SITE:
BREAK:
OTHER: 23768

Reference: Contract No. DACW33-95-D-0004
Delivery Order No. 0002
New Bedford Harbor Superfund Site
Sawyer Street Site O & M
DCN-NBH-072596-AADY

Subject: Quarterly Groundwater Sampling Results - Second Quarter 1996

Dear Mr. Beaudoin:

This is a Letter Report summarizing quarterly groundwater sampling activities and results at the New Bedford Harbor Sawyer Street Site. Seven on-site groundwater monitoring wells (MW-1, MW-2, MW-3, MW-4A, MW-5, MW-6, and MW-7A) were sampled on 27 June 1996. Table 1 summarizes the groundwater samples collected. Table 2 summarizes the final field parameters measured at each location after well purging, but prior to sample collection. Table 3 summarizes the analytical results of the sampling.

As shown on Table 3, the total and dissolved concentrations of cadmium in MW-3 exceeded the cadmium Maximum Contaminant Level (MCL) of 5.0 parts per billion (ppb), and the total concentration of lead in MW-7A exceeded the lead MCL of 15.0 ppb. No other exceedances of MCLs were noted. The laboratory data transmittals for the 27 June 1996 groundwater sampling results are attached.

During previous quarterly groundwater sampling events, monitoring wells MW-4 and MW-7 were noted to be damaged and could not sampled. On 19 and 20 June 1996, these wells were abandoned and replacement wells MW-4A and MW-7A were installed. MW-4A was installed 10 feet south of former well location MW-4. MW-7A was installed in the existing borehole for former well location MW-7A. The new wells were developed and sampled during this sampling event. The attached Site Plan figure shows the location of the on-site monitoring wells.

WESTON

Please call me at (508) 988-7000 if you have any questions regarding this Letter Report.

Very Truly Yours,

ROY F. WESTON, INC.

James S. Chow
Assistant Geoscientist II

JSC/CAC

cc: T. Abdella (WESTON)
L. Lemay [CNH DCN File (2)]
M. Otis (CENED)
Project File (WIL)

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537754
Sample Description: 004-0696 Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	0.0134 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	0.0095 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.015 MG/L	0.015 MG/L	07/09/96	EAT	SW-846 7421
1	PCB-1016	<5. UG/L	5. UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<5. UG/L	5. UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<5. UG/L	5. UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<5. UG/L	5. UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<5. UG/L	5. UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<5. UG/L	5. UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<5. UG/L	5. UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537755
Sample Description: 005-0696 Unspiked Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Analyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	0.0092 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	0.0039 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	0.0062 MG/L	0.015 MG/L	07/09/96	EAT	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537756
Sample Description: 005-0696 Matrix Spike Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Analyst	Method
1	Cadmium	0.045 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	0.204 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	0.235 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	0.019 MG/L	0.015 MG/L	07/09/96	EAT	SW-846 7421
1	PCB-1016	6.4 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	6.5 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-6955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537757
Sample Description: 005-0696 Matrix Spike Duplicate Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	0.045 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	0.202 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	0.232 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	0.019 MG/L	0.015 MG/L	07/09/96	EAT	SW-846 7421
1	PCB-1016	6.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	6.6 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537758
Sample Description: 005-0696 Duplicate Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	0.0157 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	0.0055 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.015 MG/L	0.015 MG/L	07/09/96	EAT	SW-846 7421

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Preliminary

Roy F. Weston, Inc.
Seven Eagle Square
Concord, NH 03301-4955

Group Number: 523119
Collected: 7/1/96
Collected By:
Received: 7/2/96
Reported:

Report Description: US ACOE-New Bedford 03886-118-002-0007-00

Sample Number: 2539735
Sample Description: 002-0696 Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Analyst	Method
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/18/96	DML	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/18/96	DML	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/18/96	DML	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/18/96	DML	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/18/96	DML	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/18/96	DML	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/18/96	DML	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Jenifer E. Hess, B.G.
Group Leader Pesticides/PCBs

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537759
Sample Description: 002-0696 Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Analyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	0.0046 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.015 MG/L	0.015 MG/L	07/09/96	EAT	SW-846 7421

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537760
Sample Description: 003-0696 Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Analyst	Method
1	Cadmium	0.112 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	0.113 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	0.0012 MG/L	0.0030 MG/L	07/09/96	JMS	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537761
Sample Description: 006-0696 Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.015 MG/L	0.015 MG/L	07/09/96	EAT	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537762
Sample Description: 106-0696 Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Analyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	0.0068 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	0.0015 MG/L	0.0030 MG/L	07/09/96	JMS	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537763
Sample Description: 001-0696 Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.015 MG/L	0.015 MG/L	07/09/96	EAT	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537764
Sample Description: 202-0696 Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Analyst	Method
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Laymon, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522666
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/11/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537765
Sample Description: 007-0696 Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	0.0153 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	0.0142 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	0.016 MG/L	0.015 MG/L	07/09/96	EAT	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/15/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537799
Sample Description: 004-0696 Filtered Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.015 MG/L	0.015 MG/L	07/11/96	BLB	SW-846 7421
1	PCB-1016	<2.5 UG/L	2.5 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1221	<2.5 UG/L	2.5 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1232	<2.5 UG/L	2.5 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1242	<2.5 UG/L	2.5 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1248	<2.5 UG/L	2.5 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1254	<2.5 UG/L	2.5 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1260	<2.5 UG/L	2.5 UG/L	07/02/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/15/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537800
Sample Description: 005-0696 Background Filtered Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Analyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.015 MG/L	0.015 MG/L	07/11/96	BLB	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/15/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537801
Sample Description: 005-0696 Matrix Spike Filtered Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	0.044 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	0.186 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	0.230 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	0.0191 MG/L	0.0030 MG/L	07/11/96	EAT	SW-846 7421
1	PCB-1016	5.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1260	5.9 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Leyman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/15/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537802
Sample Description: 005-0696 Matrix Spike Duplicate Filtered Grab

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	0.045 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	0.184 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	0.232 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	0.0176 MG/L	0.0030 MG/L	07/11/96	EAT	SW-846 7421
1	PCB-1016	5.0 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081
1	PCB-1260	5.4 UG/L	1.3 UG/L	07/12/96	DDS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Ray F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/15/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537803
Sample Description: 005-0696 Duplicate Filtered Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.0030 MG/L	0.0030 MG/L	07/11/96	EAT	SW-846 7421

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/15/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537804
Sample Description: 002-0696 Filtered Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.0030 MG/L	0.0030 MG/L	07/11/96	EAT	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/15/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537805
Sample Description: 003-0696 Filtered Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	0.095 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	0.195 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.0030 MG/L	0.0030 MG/L	07/11/96	EAT	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537806
Sample Description: 006-0696 Filtered Grab Water Sample

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/15/96

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.0030 MG/L	0.0030 MG/L	07/11/96	EAT	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/02/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/15/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537807
Sample Description: 106-0696 Filtered Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Analyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.0030 MG/L	0.0030 MG/L	07/11/96	EAT	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

Approved By:

* EXCEEDS ESTABLISHED LIMIT

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/15/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537808
Sample Description: 001-0696 Filtered Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.0030 MG/L	0.0030 MG/L	07/11/96	EAT	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Leyman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/18/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537809
Sample Description: 202-0696 Filtered Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Ana-lyst	Method
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates

Roy F. Weston, Inc.
7 Eagle Square
Concord NH 03301-4955

Group Number: 522682
Collected: 6/27/96
Collected By:
Received: 6/28/96
Reported: 7/15/96

Report Description: US ACOE-New Bedford 03886-118-002-0500-03

Sample Number: 2537810
Sample Description: 007-0696 Filtered Grab Water Sample

Rep	Parameter	Result	LOQ	Date Anl Completed	Analyst	Method
1	Cadmium	<0.010 MG/L	0.010 MG/L	07/08/96	JAS	SW-846 6010A
1	Chromium	<0.030 MG/L	0.030 MG/L	07/08/96	JAS	SW-846 6010A
1	Copper	<0.025 MG/L	0.025 MG/L	07/08/96	JAS	SW-846 6010A
1	Lead (furnace method)	<0.0030 MG/L	0.0030 MG/L	07/11/96	EAT	SW-846 7421
1	PCB-1016	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1221	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1232	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1242	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1248	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1254	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081
1	PCB-1260	<1.3 UG/L	1.3 UG/L	07/03/96	JSS	SW-846 8081

* EXCEEDS ESTABLISHED LIMIT

Approved By:

Ramona V. Layman, Group Leader
ICP Metals/Leachates