UNITED STATES DEPARTMENT OF AGRICULTURE
OFFICE OF THE GENERAL COUNSEL
CONSERVATION & ENVIRONMENT DIVISION
POLLUTION CONTROL TEAM

ROOM 3351 SOUTH BUILDING
1400 INDEPENDENCE AVENUE, S.W.
WASHINGTON, D.C. 20250-1412

Phone: 202-720-6715
Fax: 202-720-6039
E-mail: thomas.fox@usda.gov

FAX COVER SHEET

DATE: 2/29/08

FROM: Thomas R. Fox, Staff Attorney

TO: Melissa Toffel

OFFICE: EPA Region 3

FAX #: 215-814-3163

NUMBER OF PAGES SENT (INCLUDING COVER SHEET): 3

MESSAGE: BARC USTs - letters from ARS contractor concerning replacement of equipment on 11/26/07, certifying that it was working at time and replaced for preventative maintenance. Please let me know if you have any questions or need further information. Thank you.

Tom Fox

This document may be privileged and confidential. Unauthorized use of this document is prohibited. Call immediately if this document was received in error. If you encounter problems with this transmission, please notify me.

R.J. NEWMAN, INC.

GENERAL CONTRACTOR • PLUMBING • MECHANICAL • HVAC • ENVIRONMENTAL • UST & AST • REMEDIATION

4016 HERITAGE HILL LANE • ELLICOTT CITY, MARYLAND 21042
301/596-9410 FAX: 301/596-9317

February 29, 2008

Engineering & Planning
Bldg. 426 Powdermill Road
Beltsville, MD 20705

Subject: **Supplement to Bldg. #166**
INCON Tank Monitoring System

ATTN: Mr. Christian Obineme

The following information is a supplement to our original report for this site on 12-06-07.

Overfill Alarm

Overfill alarm is located behind the building in view of the tank fill. The overfill is was functional at the time we were there replacing the sensor.

As always, should you have any questions or require additional information, please do not hesitate to call.

Sincerely,

Cynthia M. Newman
President

R.J. NEWMAN, INC.

GENERAL CONTRACTOR • PLUMBING • MECHANICAL • HVAC • ENVIRONMENTAL • UST & AST • REMEDIATION

4016 HERITAGE HILL LANE • ELLICOTT CITY, MARYLAND 21042
301/596-9410 FAX: 301/596-9317

February 29, 2008

Engineering & Planning
Bldg. 426 Powdermill Road
Beltsville, MD 20705

Subject: **Supplement to Bldg. #445, 446 & 447**
INCON Tank Monitoring System

ATTN: Mr. Christian Obineme

The following information is a supplement to our original report for these sites on 12-06-07.

Overfill Alarm

Existing overfill alarm was replaced with a new one and relocated for the gas, diesel, kerosene and fuel oil #2. A test and acknowledgement button was installed at eye level. Existing overfill was working properly. Replacement was a preventative measure by the client.

As always, should you have any questions or require additional information, please do not hesitate to call.

Sincerely,

Cynthia M. Newman
President

BARC

BELTSVILLE, MD
SITE # 166

3/11/~~1908~~ 2008 CAT 13:35

LEAK TEST REPORT

TANK NO. 1 4000 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	18:32
TEST STARTED	02/28/1908
LAST DELIVERY	9:32
LAST DELIVERY	01/09/1908
% GROSS CAPACITY	68.68
BEGIN GROSS	2657.1 GAL
BEGIN NET	2669.6 GAL
BEGIN LEVEL	46.409 IN
BEGIN TEMP	53.284 F
BEGIN WATER	44.2 GAL
BEGIN WATER	2.648 IN
END TIME	21:07
END DATE	02/28/1908
END GROSS	2657.1 GAL
END NET	2669.6 GAL
END LEVEL	46.409 IN
END TEMP	53.276 F
END WATER	44.2 GAL
END WATER	2.649 IN

HOURLY DATA

TIME	DEG F	GAL
19:32	53.281	2713.79
20:32	53.279	2713.82

SLOPE	0.00 GAL/HR
SLOPE LOW	-0.00 GAL/HR
SLOPE HIGH	0.00 GAL/HR
TEST RESULTS	PASSED

BARC

BELTSVILLE, MD
SITE # 166

3/11/~~1908~~ 2008 CAT 13:36

LEAK TEST REPORT

TANK NO. 2 2500 GAL
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	18:32
TEST STARTED	02/28/1908
LAST DELIVERY	13:07
LAST DELIVERY	01/25/1908
% GROSS CAPACITY	48.66
BEGIN GROSS	1297.3 GAL
BEGIN NET	1282.2 GAL
BEGIN LEVEL	34.980 IN
BEGIN TEMP	85.581 F
BEGIN WATER	34.7 GAL
BEGIN WATER	2.744 IN
END TIME	20:22
END DATE	02/28/1908
END GROSS	1297.3 GAL
END NET	1282.2 GAL
END LEVEL	34.981 IN
END TEMP	85.566 F
END WATER	34.7 GAL
END WATER	2.745 IN

HOURLY DATA

TIME	DEG F	GAL
19:32	85.570	1316.95

SLOPE	0.02 GAL/HR
SLOPE LOW	0.02 GAL/HR
SLOPE HIGH	0.02 GAL/HR
TEST RESULTS	PASSED

FACSIMILE MESSAGE

United States Department of Agriculture
Beltsville Agricultural Research Center
Work Management Office, Facilities Services
Building 426, BARC-East
Beltsville, Maryland 20705
FAX: 301-504-6897

TO: FAX Number: 215-814-3113

Number of Pages: 2
(Including Cover Sheet)

Please notify or hand-carry this transmission to the following person as soon as possible.

NAME: MELISSA ANNE TOFFEL

AGENCY/DIVISION: EPA

TELEPHONE NUMBER: 215-814-2060

(Additional Comments)

Sorry for the delay - Chris

FROM: Carol Appelbaum

TELEPHONE NUMBER: 301-504-8025

R.J. NEWMAN, INC.

GENERAL CONTRACTOR • PLUMBING • MECHANICAL • HVAC • ENVIRONMENTAL • UST & AST • REMEDIATION

4016 HERITAGE HILL LANE • ELLICOTT CITY, MARYLAND 21042
301/596-9410 FAX: 301/596-9317

February 29, 2008

Engineering & Planning
Bldg. 426 Powdermill Road
Beltsville, MD 20705

Subject: **Supplement to Bldg. #445, 446 & 447**
INCON Tank Monitoring System

ATTN: Mr. Christian Obineme

The following information is a supplement to our original report for these sites on 12-06-07.

Overfill Alarm & Sensors

Existing overfill alarm and sensors in the sumps and tanks were replaced with new ones and relocated for the gas, diesel, kerosene and fuel oil #2. A test and acknowledgement button was installed at eye level. Existing overfill and sensors were working properly. Replacement was a preventative measure by the client.

As always, should you have any questions or require additional information, please do not hesitate to call.

Sincerely,

Cynthia M. Newman
President

United States Department of Agriculture
Office of the General Counsel
Pollution Control Team
1400 Independence Ave., SW
Washington, DC 20250
Ph: (202) 720-3708
Fax: (202) 720-6039

May 1, 2008

Joyce A. Howell
Senior Assistant Regional Counsel
Office of Regional Counsel - 3WC31
U.S. Environmental Protection Agency
1650 Arch Street
Philadelphia, PA 19103-2029

Re: Settlement Offer dated April 10, 2008 for RCRA Subtitle C & I Violations at the USDA Beltsville Facility (BARC)

Dear Ms. Howell:

Per our telephone conversation of April 22, 2008, EPA has granted USDA-BARC's request for a 30 day extension to respond to its settlement offer dated April 10, 2008. The requested response date of April 28 has been extended to May 28, 2008. In anticipation of this response date, USDA-BARC would like to schedule a meeting to discuss EPA's settlement offer. USDA-BARC appreciates the 30 day extension, and is optimistic that resolution of the issues can be reached in the near future. Please advise regarding EPA's availability for a meeting during the last two weeks of May. I can be reached by email at allison.gassner@usda.gov or at (202) 720-3708.

Sincerely,

Allison S. Gassner

Allison S. Gassner
Attorney - Pollution Control Team

cc: Ronald McClain - Deputy Assistant General Counsel
Terry Roark - ARS

BRAC
Settlement Meeting
May 27, 2008

Name	Organization	Phone
Joyce Hewell	EPA-ORC	215 814 2644
Stacie Peterson	EPA- WCMD	215-814-5173
Melissa Joffel	EPA-WCMD/RCEB	215-814-2060
Pete Jovanovich	USDA.ARS.HQ	(301) 504.1243
Lisa Baldus	USDA-ARS-BA	(301) 504-5392
Allison Gassner	USDA/OGC	202-720-3708
Dave Prevar	USDA/ARS-BA	(301) 504-5557
CHRISTIAN OBINEME	USDA/ARS-BA	(301) 504-8025

"Obineme, Christian" <Christian.Obineme@ars.usda.gov>
06/06/2008 03:55 PM

To Melissa Toffel/R3/USEPA/US@EPA
cc "Sexton, Tom" <Tom.Sexton@ars.usda.gov>, "Baldus, Lisa" <Lisa.Baldus@ars.usda.gov>, "Roark, Terry" <Terry.Roark@ars.usda.gov>, "Wilson, Tracy"
bcc
Subject RE: Update

Melissa,

Enclosed in the attachment folder is the Beltsville Area Tank Facility Summary obtained from Maryland Department of the Environment. This summary shows the different components and accessories each tank has after installation and on-site verification and approval by an MDE inspector. The tank numbers and their corresponding buildings are listed below for your convenience. Also, applicable tanks are highlighted on the attached Facility Summary. The leak detector system test results and certification copy of the state of the sensors pre and post inspection and repair service performed by R.J. Newman, Inc., are also enclosed in the attachment folder. If you have any questions, please do not hesitate to contact me.

TANK #1 – BLDG. 029 - DIESEL
TANK #2 – BLDG. 029 - GASOLINE
TANK #3 – BLDG. 446 - GASOLINE
TANK #4 – BLDG. 446 - DIESEL
TANK #5 – BLDG. 446 - KEROSENE
TANK #10 – BLDG. 166 - GASOLINE
TANK #11– BLDG. 166 - DIESEL
TANK #12 – BLDG. 301- GASOLINE
TANK #13 – BLDG. 301 – DIESEL

Thank you.

CHRISTIAN AFAM OBINEME
Supervisory Project Manager
USDA/ARS/BA
10300 Baltimore Avenue
Research Facilities Services – MEO
Building 426, BARC-East
Beltsville, MD 20705-2350

Office: 301-504-8025
Fax: 301-504-6008

Email: Christian.Obineme@ars.usda.gov

FacilitySummary (2).pdf PRECISION TESTING _ USDA ARS BARC-1.pdf
PRECISION TESTING _ USDA ARS BARC-2.pdf PRECISION TESTING _ USDA ARS BARC-3.pdf
PRECISION TESTING _ USDA ARS BARC.pdf R.J Newman, Inc. INCON Tank Monitoring System.pdf

Still need:
- System set-ups
- Sensor status
- Alarm history

Started removing InCon's beginning '08.

InCon does not comm. w/ the VR
Contract to install new peripherals so 2 can communicate

InCon. Sensors, probes & consoles, printers.

InCon probes not communicate w/ VR to conduct IM. They need new probes/sensors.

~~301-504-5392~~
Installed new VR system, about a year ago
supposed to communicate w/ old InCon mon & Alarm System

But 2 systems did not communicate.
Old InCon alarms still go off.
Contract pending for the 2 systems.

01-504-7409

Facility Summary for Facility ID #9292

Owner Name and Address: Agricultural Research Service - BARC
10300 Baltimore Avenue, Building 003, Room 221 Beltsville, MD 20705
Christian Obineme (301) 504-6005

Owner Type: Federal Government

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
1	1/1/1994	Diesel	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	14	1,000	Double-Walled	Double-Walled	H I L N	Yes	Yes	
				Pressurized		No	No	
2	1/1/1994	Gasoline	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	14	4,000	Double-Walled	Double-Walled	H I L N	Yes	Yes	
				Pressurized		No	No	
3	1/1/1994	Gasoline	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	14	10,000	Double-Walled	Double-Walled	H I L N	Yes	Yes	
				Pressurized		No	No	
4	1/1/1994	Diesel	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	14	2,000	Double-Walled	Double-Walled	H I L N	Yes	Yes	
				Pressurized		No	No	
5	1/1/1994	Kerosene	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	14	550	Double-Walled	Double-Walled	H I L N	Yes	Yes	
				Pressurized		No	No	
6	10/1/1993	Heating Oil	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic	D	Yes	No	Yes

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

Facility Summary for Facility ID #9292

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
Currently In Use	15	20,000	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
7	8/1/1993	Heating Oil	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic	D	Yes	No	Yes
Currently In Use	15	20,000	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
8	4/1/1994	Heating Oil	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic	D	Yes	No	Yes
Currently In Use	14	20,000	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
9	4/1/1994	Heating Oil	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic	D	Yes	No	Yes
Currently In Use	14	20,000	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
10	7/1/1994	Gasoline	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D N	Yes	No	Yes
Currently In Use	14	4,000	Double-Walled	Double-Walled	H I N	Yes	Yes	
				Pressurized		No	No	
11	7/1/1994	Diesel	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D N	Yes	No	Yes
Currently In Use	14	2,500	Double-Walled	Double-Walled	H I N	Yes	Yes	
				Pressurized		No	No	
12	5/1/1996	Gasoline	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D N	Yes	No	Yes
Currently In Use	12	4,000	Double-Walled	Double-Walled	H I N	Yes	Yes	

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

Facility Summary for Facility ID #9292

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
				Pressurized		No	No	
13	5/1/1996	Gasoline	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D N	Yes	No	Yes
Currently In Use	12	4,000	Double-Walled	Double-Walled	H I N	Yes	Yes	
				Pressurized		No	No	
14	5/1/1991	Heating Oil	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	17	1,000	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
15	6/1/1994	Heating Oil	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	14	550	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
16	6/1/1994	Heating Oil	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	14	6,000	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
17	5/1/1991	Heating Oil	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	17	2,000	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
18	6/1/1991	Heating Oil	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	17	550	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

Facility Summary for Facility ID #9292

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
19	4/1/1992	Heating Oil	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	16	1,000	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
20	6/1/1994	Heating Oil	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	14	4,000	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
21	8/1/1991	Heating Oil	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	17	20,000	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
22	8/1/1991	Heating Oil	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L N	Yes	No	Yes
Currently In Use	17	1,000	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
23	3/1/1995	Heating Oil	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L	Yes	No	Yes
Permanently Out of Use	13	3,000	Double-Walled	Double-Walled	H	Yes	Yes	
Tank removed from ground	6/8/1999			Pressurized		No	No	
24	6/1/1994	Heating Oil	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	D L	Yes	No	Yes
Currently In Use	14	550	Double-Walled	Double-Walled	H	Yes	Yes	
				Pressurized		No	No	
25	1/1/0001	Heating Oil	Composite (Steel w/ FRP)	Copper	A C D	No	No	Yes

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

Facility Summary for Facility ID #9292

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
Permanently Out of Use	2007	2,000	Double-Walled	None	R	No	Yes	
Tank removed from ground	7/13/1998			Safe Suction		No	No	
26	1/1/0001	Heating Oil	Polyethylene Tank Jacket	Copper	A C D	No	No	Yes
Permanently Out of Use	2007	550	None	None	R	No	Yes	
Tank removed from ground	7/15/1998			Safe Suction		No	No	
27	1/1/0001	Heating Oil	Composite (Steel w/ FRP)	Copper	A C D	No	No	Yes
Permanently Out of Use	2007	550	None	None	R	Yes	Yes	
Tank removed from ground	7/15/1998			Safe Suction		No	No	
28	1/1/0001	Heating Oil	Composite (Steel w/ FRP)	Fiberglass Reinforced Plastic	C D	Yes	No	Yes
Permanently Out of Use	2007	5,000	None	Double-Walled	R	Yes	Yes	
Tank removed from ground	7/21/1998			Safe Suction		No	No	
29	1/1/0001	Heating Oil	Asphalt Coated or Bare Steel	Copper	A	No	No	Yes
Permanently Out of Use	2007	1,000	None	None	R	No	No	
Tank removed from ground	8/12/1998			Safe Suction		No	No	
30	1/1/0001	Heating Oil	Asphalt Coated or Bare Steel	Copper	A	No	No	Yes
Permanently Out of Use	2007	550	None	None	R	No	No	
Tank removed from ground	8/11/1998			Safe Suction		No	No	
31	1/1/0001	Heating Oil	Asphalt Coated or Bare Steel	Copper	A	No	No	Yes
Permanently Out of Use	2007	1,000	None	None	R	No	No	

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

Facility Summary for Facility ID #9292

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
Tank removed from ground	5/28/1998			Safe Suction		No	No	
32	1/1/0001	Heating Oil	Asphalt Coated or Bare Steel	Copper	A	No	No	Yes
Permanently Out of Use	2007	550	None	None	R	No	No	
Tank removed from ground	11/18/1997			Safe Suction		No	No	
33	1/1/1993	Heating Oil	Polyethylene Tank Jacket	Copper		No	No	Yes
Permanently Out of Use	15	4,000	Double-Walled	None	R	No	No	
Tank removed from ground	11/18/1997			Safe Suction		No	No	
34	8/1/1992	Gasoline	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic	R	Yes	No	Yes
Permanently Out of Use	16	4,000	None	None	R	No	No	
Tank removed from ground	8/30/1999			Not Listed		No	No	
35	5/1/1992	Diesel	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic	R	Yes	No	Yes
Permanently Out of Use	16	550	None	None	R	No	No	
Tank removed from ground	5/17/2002			Not Listed		No	Yes	
36	11/15/1994	Diesel	Cathodically Protected Steel	Fiberglass Reinforced Plastic	R	Yes	No	Yes
Permanently Out of Use	14	1,000	None	None	R	Yes	Yes	
Tank removed from ground	11/15/1999			Not Listed		No	No	
37	11/1/1998	Heating Oil	Asphalt Coated or Bare Steel	Copper	R	No	No	Yes
Permanently Out of Use	10	4,000	None	None	R	Yes	Yes	
Tank removed from ground	11/9/1998			Not Listed		No	No	

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

Facility Summary for Facility ID #9292

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
38	11/1/1968	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	40	3,000	None	None	R	Yes	Yes	
Tank removed from ground	6/17/1998			Not Listed		No	No	
39	6/1/1972	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	36	3,000	None	None	R	Yes	Yes	
Tank removed from ground	6/17/1998			Not Listed		No	No	
40	6/1/1965	Gasoline	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	43	550	None	None	R	Yes	Yes	
Tank removed from ground	6/5/1998			Not Listed		No	No	
41	1/1/1992	Diesel	Fiberglass Reinforced Plastic	Fiberglass Reinforced Plastic	R	Yes	No	Yes
Permanently Out of Use	16	2,500	None	None	R	Yes	Yes	
Tank removed from ground	10/31/1997			Not Listed		No	No	
42	8/1/1970	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	38	550	None	None	R	Yes	Yes	
Tank removed from ground	8/6/1997			Not Listed		No	No	
43	1/1/1947	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	61	550	None	None	R	Yes	Yes	
Tank removed from ground	8/5/1997			Not Listed		No	No	
44	7/1/1996	Heating Oil	Cathodically Protected Steel	Copper	R	No	No	Yes

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

Facility Summary for Facility ID #9292

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
Permanently Out of Use	12	550	None	None	R	No	No	
Tank removed from ground	7/23/1997			Not Listed		No	No	
45	5/22/1948	Heating Oil	Asphalt Coated or Bare Steel	Not Listed	R	No	No	Yes
Permanently Out of Use	60	2,500	None	None	R	No	No	
Tank removed from ground	5/22/1998			Not Listed		No	No	
46	3/17/1968	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	40	20,000	None	None	R	Yes	Yes	
Tank removed from ground	3/17/1998			Not Listed		No	No	
47	3/17/1968	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	40	30,000	None	None	R	Yes	Yes	
Tank removed from ground	3/17/1998			Not Listed		No	No	
48	1/14/1988	Heating Oil	Other	Bare Steel	R	No	No	Yes
Permanently Out of Use	20	30,000	None	None	R	Yes	Yes	
Tank removed from ground	1/14/1998			Not Listed		No	No	
49	1/1/1988	Heating Oil	Unknown	Bare Steel	R	No	No	Yes
Permanently Out of Use	20	30,000	None	None	R	Yes	Yes	
Tank removed from ground	1/14/1998			Not Listed		No	No	
50	1/1/1994	Heating Oil	Asphalt Coated or Bare Steel	Fiberglass Reinforced Plastic	R	No	No	Yes
Permanently Out of Use	14	550	None	None	R	Yes	Yes	

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

Facility Summary for Facility ID #9292

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
Tank removed from ground	12/21/1998			Not Listed		No	No	
51	1/1/1978	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	30	5,000	None	None	R	Yes	Yes	
Tank removed from ground	12/9/1998			Not Listed		No	No	
52	11/4/1978	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	30	5,000	None	None	R	Yes	Yes	
Tank removed from ground	11/4/1998			Not Listed		No	No	
53	10/1/1991	Heating Oil	Asphalt Coated or Bare Steel	Copper	R	No	No	Yes
Permanently Out of Use	17	2,000	None	None	R	Yes	Yes	
Tank removed from ground	10/13/1998			Not Listed		No	No	
54	10/1/1978	Used Oil	Asphalt Coated or Bare Steel	Copper	R	No	No	Yes
Permanently Out of Use	30	1,000	None	None	R	Yes	Yes	
Tank removed from ground	10/9/1998			Not Listed		No	No	
55	11/1/1976	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	32	550	None	None	R	Yes	Yes	
Tank removed from ground	11/25/1996			Not Listed		No	No	
56	11/1/1976	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	32	275	None	None	R	Yes	Yes	
Tank removed from ground	11/22/1996			Not Listed		No	No	

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

Facility Summary for Facility ID #9292

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
57	11/1/1996	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	12	275	None	None	R	Yes	Yes	
Tank removed from ground	11/22/1996			Not Listed		No	No	
58	11/1/1971	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	37	1,000	None	None	R	Yes	Yes	
Tank removed from ground	11/6/1996			Not Listed		No	No	
59	10/1/1981	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	27	1,000	None	None	R	Yes	Yes	
Tank removed from ground	10/28/1996			Not Listed		No	No	
60	10/1/1971	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	37	1,000	None	None	R	Yes	Yes	
Tank removed from ground	10/23/1996			Not Listed		No	No	
61	10/1/1971	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	37	275	None	None	R	Yes	Yes	
Tank removed from ground	10/23/1996			Not Listed		No	No	
62	9/1/1971	Gasoline	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	37	550	None	None	R	Yes	Yes	
Tank removed from ground	9/23/1996			Not Listed		No	No	
63	9/1/1971	Diesel	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

Facility Summary for Facility ID #9292

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
Permanently Out of Use	37	550	None	None	R	Yes	Yes	
Tank removed from ground	9/23/1996			Not Listed		No	No	
64	11/21/2008	Gasoline	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	0	1,000	None	None	R	Yes	Yes	
Tank removed from ground	11/28/1996			Not Listed		No	No	
65	8/1/1976	Heating Oil	Asphalt Coated or Bare Steel	Unknown	R	No	No	Yes
Permanently Out of Use	32	550	None	None	R	Yes	Yes	
Tank removed from ground	8/16/1996			Not Listed		No	No	
66	8/1/1971	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	37	1,000	None	None	R	Yes	Yes	
Tank removed from ground	8/12/1996			Not Listed		No	No	
67	8/1/1976	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	32	3,000	None	None	R	Yes	Yes	
Tank removed from ground	8/12/1996			Not Listed		No	No	
68	7/1/1971	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	37	2,000	None	None	R	Yes	Yes	
Tank removed from ground	7/23/1996			Not Listed		No	No	
69	7/1/1976	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	32	1,500	None	None	R	Yes	Yes	

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

Facility Summary for Facility ID #9292

Facility ID	Location Name	Location Street Address	Location City	Zip
9292	Beltsville Agricultural Research Center	10300 Baltimore Avenue Building 003, Room 221	Beltsville	20705

Tank ID Status Closure Status	Date Installed Age (yr) Closure Date	Product Capacity Compartment	Tank Mat'l of Contruction Secondary Option	Piping Material Secondary Option Piping Type	Tank Release Detection Piping Release Detection	CP Over Mnfd	RD Spill EG	FR
Tank removed from ground	7/30/1996			Not Listed		No	No	
70	3/1/1996	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	12	550	None	None	R	Yes	Yes	
Tank removed from ground	3/18/1996			Not Listed		No	No	
71	3/1/1985	Heating Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	23	550	None	None	R	Yes	Yes	
Tank removed from ground	3/6/1996			Not Listed		No	No	
72	3/1/1986	Heating Oil	Asphalt Coated or Bare Steel	Copper	R	No	No	Yes
Permanently Out of Use	22	550	None	None	R	Yes	Yes	
Tank removed from ground	3/4/1996			Not Listed		No	No	
73	1/1/1986	Used Oil	Asphalt Coated or Bare Steel	Bare Steel	R	No	No	Yes
Permanently Out of Use	22	550	None	None	R	Yes	Yes	
Tank removed from ground	1/2/1996			Not Listed		No	No	

Total Tanks: 73

Tank/Piping Release Detection Codes

A	Manual Tank Gauging	B	Tank Tightness Testing	C	Inventory Control	D	ATG/Auto Line LD	E	ATG 0.2 GPH Test	F	Safe Suction
G	Gravity Feed	H	Elect ALLD Testing 0.2 GPH	I	Line Tightness Annual	J	Line Tightness Every 2 Yrs.	K	Vapor monitoring	L	Groundwater monitoring
M	Inventory SIR	N	Interstit. Dbl-wall Monitor	O	Interstit. Sec. Con. Monitor	P	Other method	Q	Deferred	R	Not listed

Tank/Piping Codes

CP	Corrosion Protection Met	Over	Overfill Protected	Mnfd	Manifold	FR	Financial Responsibility Met
RD	Release Detection Met	Spill	Spill Protected	EG	Emergency Power Generation		

4437 Southern Business Park Drive White Plains, MD 20695
Phone 301/870-2246 Fax 301/870-2256

TEST RESULTS

Facility ID#:
Facility Name: USDA ARS BARC
Address: 10300 BALTIMORE AVE. BARC-EAST BLDG 426A
BELTSVILLE, MD 20705

Customer: USDA ARS BARC
Date: 5/30/2008
Tester Name: Dustin Langley
Site Phone: DON ABERNETHY

PRESSURE TEST

TEST	result	result	result						
Product	REGULAR T-1	REGULAR T-3	DIESEL T-2						
Spill Bucket									
Tank									
Line	PASS	PASS	PASS						
Leak Detector	PASS	PASS	PASS						
PLLD									
Dispenser	1	1	2						
Shear Valve R	PASS	PASS							
M									
S									
D			PASS						

VAPOR TEST

Pressure Decay									
Healy									
Helium									
Dispenser									
Air to R									
Liquid M									
Ratio S									
Blockage, Dry									
Blockage, Wet									
Dispenser									
Air to R									
Liquid M									
Ratio S									
Blockage, Dry									
Blockage, Wet									

CATHODIC PROTECTION

Product									
Tank									
Line									

Precision Testing, Inc.

▲▲▲

4437 Southern Business Park Drive White Plains, MD 20695
Phone 301/870-2246 Fax 301/870-2256

LDT-890 Leak Detector Test Record

Facility ID#: 0
Facility Name: USDA ARS BARC
Address: 10300 BALTIMORE AVE. BARC-EAST BLDG 426A
BELTSVILLE, MD 20705

Date: 5/30/2008
Tester Name: Dustin Langley
Site Phone: DON ABERNETHY

Submersible Pump Identification

Manufacturer: RED JACKET
Model No.
Serial No.

Leak Detector Identification

Manufacturer: RED JACKET
Description: PLD

Product	REGULAR T-1	
Leak Detector in Submersible Pump	YES	
Test at Dispenser	1	
Operating Pump Pressure	27	psi
Gallons per hour rate	3	
Line pressure with pump off	25	psi
Bleedback test with pump off	150	ml
Step-through time to full flow	4	seconds
Leak detector stays in leak search position	YES	
LEAK DETECTOR TEST	PASS	
Serial #	3711	

Product	DIESEL T-2	
Leak Detector in Submersible Pump	YES	
Test at Dispenser	2	
Operating Pump Pressure	32	psi
Gallons per hour rate	3	
Line pressure with pump off	10	psi
Bleedback test with pump off	300	ml
Step-through time to full flow	5	seconds
Leak detector stays in leak search position	YES	
LEAK DETECTOR TEST	PASS	
Serial #	020294-7552	

Product	REGULAR T-3	
Leak Detector in Submersible Pump	YES	
Test at Dispenser	1	
Operating Pump Pressure	29	psi
Gallons per hour rate	3	
Line pressure with pump off	14	psi
Bleedback test with pump off	100	ml
Step-through time to full flow	4	seconds
Leak detector stays in leak search position	YES	
LEAK DETECTOR TEST	PASS	
Serial #	031107-3659	

Product		
Leak Detector in Submersible Pump		
Test at Dispenser		
Operating Pump Pressure		psi
Gallons per hour rate	3	
Line pressure with pump off		psi
Bleedback test with pump off		ml
Step-through time to full flow		seconds
Leak detector stays in leak search position		
LEAK DETECTOR TEST		
Serial #		

Test Conducted by *Dustin Langley*

Date of Test *5/30/2008*

For use with
Petro Tite Line Tester

Station Number 0

Date 5/30/2008

1. Location: 10300 BALTIMORE AVE. BARC-EAST BLDG 426A — BELTSVILLE, MD 20705 — DON ABERNETHY
Street No. and/or Corner — City, State Zip Code — Telephone No.

2. Owner: USDA ARS BARC — RE AVE. BARC-EAST BLDG 426A
Name — Address — Representative — Position — Telephone No.

3. Operator: 301-446-9953
Name — Address (if different than loacation) — Telephone No.

4. Reason for test: Annual Testing

5. Test requested by: DON ABERNETHY — 310-446-9953
Name — Position — Telephone No.

6. Special instructions:

7. Contractor or company making test
Mechanic Name: Precision Testing, Inc. — Dustin Langley #MDP0205041009C — expires 4/10/09

8. Is a tank test to be made with this line test? NO

9. Make and type of pump or dispensers (suction or subs)

10. Weather: 80 SUNNY — Temp in tanks — Cover over lines Concrete — Approx. burial depth 48"

11. Identify each line as tested	12. Time (military)	13. Log of Test Procedures, ambient temperature, weather, etc.	14. Pressure psi or kPa before	14. Pressure psi or kPa after	15. Volume reading before	15. Volume reading after	15. Volume Net Change	16. Remarks size, length & type of line, # flex connectors coclusions, repairs and comments
	13:05	Arrive on Site						
REGULAR	13:20	Pressuize Lines to 80 psi						
TANK-1	13:30	Drop pressure to test pressure						
BLDG	35	1st	60	60	0.0200	0.0200	0.0000	
#166	40	2nd	60	60	0.0200	0.0200	0.0000	
	45	3rd	60	60	0.0200	0.0200	0.0000	
	50	4th	60	60	0.0200	0.0200	0.0000	
	55	5th	60	60	0.0200	0.0200	0.0000	
	14:00	6th	60	60	0.0200	0.0200	0.0000	0.0000 gph
	14:00	Bleed Back	60	0	0.0200	0.0750	0.0550	ok
DIESEL	13:35	1st	60	60	0.0350	0.0350	0.0000	
TANK-2	40	2nd	60	60	0.0350	0.0350	0.0000	
BLDG	45	3rd	60	60	0.0350	0.0350	0.0000	
#166	50	4th	60	60	0.0350	0.0350	0.0000	
	55	5th	60	60	0.0350	0.0350	0.0000	
	14:00	6th	60	60	0.0350	0.0350	0.0000	0.0000 gph
	14:00	Bleed Back	60	0	0.0350	0.0950	0.0600	ok

REGULAR	14:20	1st	60	60	0.0170	0.0170	0.0000	
TANK-3	25	2nd	60	60	0.0170	0.0170	0.0000	
BLDG	30	3rd	60	60	0.0170	0.0170	0.0000	
#445	35	4th	60	60	0.0170	0.0170	0.0000	
	40	5th	60	60	0.0170	0.0170	0.0000	
	45	6th	60	60	0.0170	0.0170	0.0000	0.0000 gph
	45	Bleed Back	60	0	0.0170	0.0630	0.0460	ok

18. Test Results

Station Name
USDA ARS BARC

Station Number

Tests were made on the above line systems in accordance with test procedures prescribed for as detailed on attached test charts with the results as follows:

Line Identification	Meets Criteria	Net Volume Change per Hour		Date Tested	
REGULAR T-1 BLDG #166	YES	0.000	GPH	5/30/2008	PASS
DIESEL T-2 BLDG #166	YES	0.000	GPH	5/30/2008	PASS
REGULAR T-3 BLDG #445	YES	0.000	GPH	5/30/2008	PASS

17. Contractor Certification

Dustin Langley
Technician

Certification # MDP0205041009C
expires 4/10/09

Dustin Langley

Precision Testing, Inc.

4437 Southern Business Park Drive White Plains, MD 20695
Phone 301/870-2246 Fax 301/870-2256

Customer	USDA ARS BARC	Date 5/30/2008
Address	10300 BALTIMORE AVE. BARC-EAST BLDG 426A BELTSVILLE, MD 20705	PO#
Site Name	USDA ARS BARC	Tech: Dustin Langley
Address	10300 BALTIMORE AVE. BARC-EAST BLDG 426A BELTSVILLE, MD 20705	
Phone Site Contact	DON ABERNETHY 301-446-9953	
Work Authorized by Phone	DON ABERNETHY 310-446-9953	

WORK PERFORMED

Product(s)	Test(s) Performed
REGULAR T-1	LINE,LD
REGULAR T-3	LINE,LD
DIESEL T-2	LINE,LD

MATERIALS USED

NA

Is Job Complete? YES

WORK REQUIRED TO FINISH

Test Sheets are located in tabs along the bottom of the spread sheet.
ONLY TABS PERTAINING TO YOUR SITE WILL APPEAR

Tab abbreviations are as follows:

Any tab name followed by (2) indicates additional page

CS	Cover Sheet - This Page	**CP1**	Cathodic Protection Test
RS	Result Sheet	**CP2**	Cathodic Protection Site Drawing
LD	Leak Detector Test	**Hel**	Helium Test Page 1
PD	Pressure Decay Test	**Hel2**	Helium Test Page 2
L1	Line Test	**Hel3**	Helium Site Drawing
L2	Line Test - Flex Line	**TT**	Tank Test Tank 1
SB	Spill Bucket Test	**TT2**	Tank Test Tank 2
Block	Blockage Test	**TT3**	Tank Test Tank 3
AoL	Air to Liquid Test	**TT4**	Tank Test Tank 4
AoL2	Air to Liquid Test Page 2	**TTF**	Tank Test Tank 1 Final Report
HAoL	Air to Liquid Test (Healy)	**TTF2**	Tank Test Tank 2 Final Report
HAoL2	Air to Liquid Test Page 2 (Healy)	**TTF3**	Tank Test Tank 3 Final Report
Healy	Healy System Test	**TTF4**	Tank Test Tank 4 Final Report

R.J. Newman, Inc.
4016 Heritage Hill Lane
Ellicott City, MD 21042

E-mail: rjnewmaninc@verizon.net
Phone: (301) 596-9410
Fax: (301) 596-9317

Fax

To: Christian
From: Cindy
Company:
Fax: 3015096008
Date:
Phone:
Pages: 3
Re:

Revised -

CMW

R.J. NEWMAN, INC.

GENERAL CONTRACTOR • PLUMBING • MECHANICAL • HVAC • ENVIRONMENTAL • UST & AST • REMEDIATION

4016 HERITAGE HILL LANE • ELLICOTT CITY, MARYLAND 21042
301/596-9410 FAX: 301/596-9317

June 6, 2008

Engineering and Construction Branch
Bldg. 426, Powdermill Road
Beltsville, MD 20705

Subject: INCON Tank Monitoring System
Bldg. 029, 165, 301, 445, 446, and 447
USDA, Beltsville

ATTN: Mr. Christian Obineme

As per our contract; we were to test and make repairs to the fuel monitoring systems at Bldg. 029, 165, 301, 445, 446, and 447. The following are details of work performed.

Bldg. 029 – Diesel Tank

1. Checked all sensors (sump, piping, and interstitial) all in good working condition. No action necessary.

Bldg. 029 – Gasoline Tank

1. Checked all sensors (sump, piping, and interstitial) all in good working condition. No action necessary.

Bldg. 166 – Diesel Tank

1. Checked all sensors (sump, piping, and interstitial) all in good working condition. No action necessary.

Bldg. 166 – Gasoline Tank

1. Checked all sensors (sump, piping, and interstitial) all in good working condition. No action necessary.

Bldg. 301 – Diesel Tank

1. Checked all sensors (sump, piping, and interstitial) all in good working condition. No action necessary.

Bldg. 301 – Gasoline Tank

1. Checked all sensors (sump, piping, and interstitial) all in good working condition. No action necessary.

Bldg. 445 – Oil Tank

1. Checked all sensors (sump, piping, and interstitial) all in good working condition. No action necessary.
2. Tank is empty at time of inspection.

Bldg. 445 – Gasoline Tank

1. Removed and replaced one (1) sensor in the piping sump to 1" off bottom; tested 'ok'. Replaced sensor as a preventative measure at owner's request. Old working sensor delivered to owner.
2. Interstitial sensor in good working condition.
3. Removed and checked two (2) probes (high and low levels); tested 'ok'. No action necessary.

Bldg. 446 – Diesel Tank

1. Removed and replaced one (2) sensor in the piping sump to 1" off bottom; tested 'ok'. Replaced sensor as a preventative measure at owner's request. Old working sensors delivered to owner.
2. Interstitial sensor in good working condition.
3. Removed and checked two (2) probes (high and low levels); tested 'ok'. No action necessary.

Bldg. 447 – Kerosene Tank

1. Repaired sensor wire to interstitial space; replaced sensor cap as a preventative measure at owner's request.
2. Interstitial sensor in good working condition.
3. Installed a new overfill alarm and acknowledgement switch; tested 'ok'.

Note: As of Monday, 11-26-07, the tank monitoring systems were all functional. All replacements made were as a preventative measure at the request of the owner.

Sincerely,

Cynthia M. Newman
President

"Baldus, Lisa"
<Lisa.Baldus@ARS.USDA.GOV>

06/11/2008 03:56 PM

To Melissa Toffel/R3/USEPA/US@EPA

cc "GASSNER, ALLISON" <ALLISON.GASSNER@OGC.USDA.GOV>, "Roark, Terry" <Terry.Roark@ARS.USDA.GOV>, "Jovanovich, Pete"

bcc

Subject RE: Update

Hi Melissa,

During our telephone conversation on Monday, June 9, 2008, you asked me to provide a system setup report, a sensor status report, and an alarm history report from our systems here at the Beltsville Agricultural Research Center.

On September 28, 2007, we contracted to replace our old GASBOY System with a new FuelMaster system. Work started in late October and the majority of it was completed in early March 2008. Despite our best efforts, the FuelMaster system did not have connectivity with the existing monitoring accessories, thereby making the INCON Controls Automated Tank Gauge and Leak Detection System, with its various sensors and probes which are in the underground storage tanks, a manual operation system. We have been working with the vendor to try and fix this deficiency to no avail. We have now issued a contract (at a cost of $171,471) to install new peripherals for our tanks so that we can automatically record all relevant data and produce the desired reports. This work is expected to take place within 30 days (as soon as the vendor can obtain all the parts).

The majority of the tanks under review have the INCON Control Model TS-1000EFI automated system. This is a DOS-based system with an integrated console/printer. When the computer industry converted to Windows, Beltsville lost its ability to receive reports electronically from the tanks as the 2 operating systems were no longer compatible. By physically carrying a printer to the console and plugging it in, we are able to print the Leak Test Report only. (This report has been previously provided to you but I've enclosed a copy of the report for March for your review.) We have been producing this report each month since March when we realized the new FuelMaster would not communicate with the old INCON system.

The 2 tanks at Building 301 have a slightly more functional INCON Model TS-1000-1. This model is able to produce a Sensor Status Report (attached). Unfortunately, we have not yet been able to produce the other reports you requested. We will continue to try and produce them and will let you know if we are successful.

Because the automated components of the INCON System were not communicating with our systems, Beltsville relied on manual indicators to ensure that the tanks were not leaking. The main indicators used are Remote Alarm Units (Sirens) integrated with Strobe Lights which are linked to probes within the tanks and the tank pit monitoring wells. The Sirens and the Strobe Lights were physically checked each time that the tanks were refueled as they are programmed to activate and provide warnings as the refuel effort reaches 90 percent of tank capacity. Therefore, we are confident that if a leak had occurred, the Sirens and Strobe Lights would immediately activate.

Overfill, not R.D

Additionally, the product in each tank was manually measured prior to placing a refueling order to gauge fuel needed and these calculations were compared with actual fuel received in order to double check that leaks were not occurring.

In late 2007, Beltsville contracted with RJ Newman to inspect the tanks. At that time, they inspected all the sensors, probes and alarms and determined that they were all in good working order. That certification was included in the information provided Friday, June 6, 2008.

I hope this helps clarify our situation. Unfortunately, Beltsville was a victim of antiquated equipment. We are very close to having all of the equipment upgraded to state-of-the-art. Additionally, the Beltsville management team is very committed to ensuring that the needed resources and direction are, and will continue to be, provided to ensure a successful Underground Storage Tank program.

Thank you. Please let me know if you have any additional questions.

Lisa

Lisa A. Baldus
Deputy Area Director
Beltsville Area
Room 203, Building 003, BARC-West
10300 Baltimore Avenue
Beltsville, Maryland 20705-2350
(301) 504-5392
Fax: (301) 504-6004

-----Original Message-----
From: Toffel.Melissa@epamail.epa.gov [mailto:Toffel.Melissa@epamail.epa.gov]
Sent: Monday, June 09, 2008 11:34 AM
To: Baldus, Lisa
Cc: GASSNER, ALLISON; Baldus, Lisa; Roark, Terry
Subject: RE: Update

I will be reviewing the docs that Christian provided this afternoon. If there are follow-up questions, I will let you and Christian know.
Thanks,

Melissa A. Toffel ~*
U.S. EPA Region III
RCRA Compliance & Enforcement
Phone: 215/814-2060
Fax: 215/814-3163
* Visit http://www.epa.gov/oust/

"Baldus, Lisa"
<Lisa.Baldus@ARS
.USDA.GOV>

06/09/2008 07:34
AM

To
Melissa Toffel/R3/USEPA/US@EPA
cc
"Roark, Terry"
<Terry.Roark@ARS.USDA.GOV>,
"GASSNER, ALLISON"
<ALLISON.GASSNER@OGC.USDA.GOV>,
"Baldus, Lisa"
<Lisa.Baldus@ARS.USDA.GOV>
Subject
RE: Update

Hi Melissa,

I believe Christian has provided all the items that were requested during our meeting a couple of weeks ago. However, if anything is missing or needs clarification, please do not hesitate to let Allison or me know.

Again, we really appreciate your patience and willingness to work with us!

Lisa

Lisa A. Baldus
Deputy Area Director
Beltsville Area
Room 203, Building 003, BARC-West
10300 Baltimore Avenue
Beltsville, Maryland 20705-2350
(301) 504-5392
Fax: (301) 504-6004

From: Obineme, Christian
Sent: Friday, June 06, 2008 3:56 PM
To: toffel.melissa@epamail.epa.gov
Cc: Sexton, Tom; Baldus, Lisa; Roark, Terry; Wilson, Tracy; Prevar, David; Jovanovich, Pete; 'GASSNER, ALLISON'; howell.joyce@epa.gov; Obineme, Christian
Subject: RE: Update

Melissa,

Enclosed in the attachment folder is the Beltsville Area Tank Facility Summary obtained from Maryland Department of the Environment. This summary shows the different components and accessories each tank has after installation and on-site verification and approval by an MDE inspector. The tank numbers and their corresponding buildings are listed below for your convenience. Also, applicable tanks are highlighted on the attached Facility Summary. The leak detector system test results and certification copy of the state of the sensors pre and post inspection and repair service performed by R.J. Newman, Inc., are also enclosed in the attachment folder. If you have any questions, please do not hesitate to contact me.

TANK #1 - BLDG. 029 - DIESEL
TANK #2 - BLDG. 029 - GASOLINE
TANK #3 - BLDG. 446 - GASOLINE
TANK #4 - BLDG. 446 - DIESEL
TANK #5 - BLDG. 446 - KEROSENE
TANK #10 - BLDG. 166 - GASOLINE
TANK #11- BLDG. 166 - DIESEL
TANK #12 - BLDG. 301- GASOLINE

TANK #13 - BLDG. 301 - DIESEL

Thank you.

CHRISTIAN AFAM OBINEME
Supervisory Project Manager
USDA/ARS/BA
10300 Baltimore Avenue
Research Facilities Services - MEO
Building 426, BARC-East
Beltsville, MD 20705-2350

Office: 301-504-8025
Fax: 301-504-6008

Email: Christian.Obineme@ars.usda.gov

March Leak Test Report.pdf Sensor Status Report Bldg 301.pdf

301

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

03/01/2008 7:09 PM

LEAK TEST REPORT

TANK 1 4000.0 GAL

DIESEL

LEAK TEST	0.200 GPH
LEAK THRESHOLD	0.100 GPH
CONFIDENCE LEVEL	99.0%
TEST STARTED	6:13 PM
TEST STARTED	02/28/2008
LAST DELIVERY	1:09 PM
LAST DELIVERY	12/21/2007
GROSS CAPACITY	42.7%
BEGIN GROSS	1708.8 GAL
BEGIN NET	1715.0 GAL
BEGIN LEVEL	28.350 IN
BEGIN TEMP	51.919 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.003 IN
END TIME	9:13 PM
END DATE	02/28/2008
END GROSS	1708.8 GAL
END NET	1715.1 GAL
END LEVEL	28.350 IN
END TEMP	51.920 F
END WATER	0.0 GAL
END WATER	0.003 IN

HOURLY DATA

TIME	DEG F	GAL
7:12 PM	51.924	1715.02
8:12 PM	51.932	1715.02
9:13 PM	51.920	1715.05

SLOPE	0.005 GAL/HR
SLOPE LOW	0.003 GAL/HR
SLOPE HIGH	0.007 GAL/HR
TEST RESULT	PASSED

SLOPE EQUALS CALCULATED LEAK RATE

301

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

03/01/2008 7:08 PM

LEAK TEST REPORT

TANK 2 4000.0 GAL

GASOLINE

LEAK TEST	0.200 GPH
LEAK THRESHOLD	0.100 GPH
CONFIDENCE LEVEL	99.0%
TEST STARTED	6:13 PM
TEST STARTED	02/28/2008
LAST DELIVERY	9:41 AM
LAST DELIVERY	12/26/2007
GROSS CAPACITY	27.8%
BEGIN GROSS	1113.6 GAL
BEGIN NET	1126.1 GAL
BEGIN LEVEL	20.684 IN
BEGIN TEMP	43.978 F
BEGIN WATER	3.8 GAL
BEGIN WATER	0.593 IN
END TIME	9:03 PM
END DATE	02/28/2008
END GROSS	1113.6 GAL
END NET	1126.1 GAL
END LEVEL	20.684 IN
END TEMP	43.983 F
END WATER	3.8 GAL
END WATER	0.593 IN

HOURLY DATA

TIME	DEG F	GAL
7:13 PM	43.998	1129.86
8:13 PM	43.973	1129.84

SLOPE	0.002 GAL/HR
SLOPE LOW	-0.000 GAL/HR
SLOPE HIGH	0.003 GAL/HR
TEST RESULT	PASSED

SLOPE EQUALS CALCULATED LEAK RATE

END MP 51.104 F
END TER 27.7 GAL
END TER 1.638 IN

HOURLY DATA

TIME	DEG F	GAL
20:[illegible]	51.114	1552.56
21:[illegible]	51.115	1552.57
22:[illegible]	51.104	1552.58

SLOP 0.01 GAL/HR
SLOP LOW 0.01 GAL/HR
SLOP HIGH 0.01 GAL/HR
TES RESULTS PASSED

BARC
BLDG. 029
[illegible]LTSVILLE, MD.
SITE # 00029

1/3 [illegible] 008 CAS 20:03
[illegible]AK TEST REPORT

TAN NO. 2 4000 GAL
DIESEL

THR HOLD 0.10 GAL/HR
CON DENCE LEVEL 99.0%
TES STARTED 19:58
TES STARTED 28/02/1908
LAS DELIVERY 14:06
LAS DELIVERY 09/07/1901
% G SS CAPACITY 79.46
BEG GROSS 3187.5 GAL
BEG NET 3200.3 GAL
BEG LEVEL 47.435 IN
BEG TEMP 51.133 F
BEG WATER 0.5 GAL
BEG WATER 0.112 IN
END ATE 28/02/1908
END ROSS 3187.5 GAL
END ET 3200.4 GAL
END EVEL 47.436 IN
END EMP 51.110 F
END ATER 0.5 GAL
END ATER 0.113 IN

HOURLY DATA

TIM	DEG F	GAL
20:[illegible]	51.126	3200.83
21:[illegible]	51.115	3200.86
22:[illegible]	51.110	3200.86

SLO 0.02 GAL/HR
SL LOW 0.02 GAL/HR
SL HIGH 0.02 GAL/HR
TES RESULTS PASSED

LAST DELIVERY 12/26/2007
GROSS CAPACITY 27.8%
BEGIN GROSS 1113.6 GAL
BEGIN NET 1126.1 GAL
BEGIN LEVEL 20.684 IN
BEGIN TEMP 43.978 F
BEGIN WATER 3.8 GAL
BEGIN WATER 0.593 IN
END TIME 9:03 PM
END DATE 02/28/2008
END GROSS 1113.6 GAL
END NET 1126.1 GAL
END LEVEL 20.684 IN
END TEMP 43.983 F
END WATER 3.8 GAL
END WATER 0.593 IN

HOURLY DATA

TIME	DEG F	GAL
7:13 PM	43.998	1129.86
8:13 PM	43.973	1129.84

SLOPE 0.002 GAL/HR
SLOPE LOW -0.000 GAL/HR
SLOPE HIGH 0.003 GAL/HR
TEST RESULT PASSED
SLOPE EQUALS CALCULATED
LEAK RATE

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

03/01/2008 7:09 PM

LEAK TEST REPORT

TANK 1 4000.0 GAL

DIESEL

LEAK TEST 0.200 GPH
LEAK THRESHOLD 0.100 GPH
CONFIDENCE LEVEL 99.0%
TEST STARTED 6:13 PM
TEST STARTED 02/28/2008
LAST DELIVERY 1:09 PM
LAST DELIVERY 12/21/2007
GROSS CAPACITY 42.7%
BEGIN GROSS 1708.8 GAL
BEGIN NET 1715.0 GAL
BEGIN LEVEL 28.350 IN
BEGIN TEMP 51.919 F
BEGIN WATER 0.0 GAL
BEGIN WATER 0.003 IN
END TIME 9:13 PM
END DATE 02/28/2008
END GROSS 1708.8 GAL
END NET 1715.1 GAL
END LEVEL 28.350 IN
END TEMP 51.920 F
END WATER 0.0 GAL
END WATER 0.003 IN

HOURLY DATA

TIME	DEG F	GAL
7:12 PM	51.924	1715.02
8:12 PM	51.932	1715.02
9:13 PM	51.920	1715.05

SLOPE 0.005 GAL/HR
SLOPE LOW 0.003 GAL/HR
SLOPE HIGH 0.007 GAL/HR
TEST RESULT PASSED
SLOPE EQUALS CALCULATED
LEAK RATE

SLOPE 0.00 GAL/HR
SLOPE LOW -0.00 GAL/HR
SLOPE HIGH 0.00 GAL/HR
TEST RESULTS PASSED

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

3/1/2008 02:40 PM
LEAK TEST REPORT

TANK NO. 3 GAL
UNLEADED REG

THRESHOLD 0.10 GAL/HR
CONFIDENCE LEVEL 95.0%
TEST STARTED 6:54 PM
TEST STARTED 02/28/2008
LAST DELIVERY 11:06 AM
LAST DELIVERY 10/19/2005
% GROSS CAPACITY 91.61
BEGIN GROSS 503.8 GAL
BEGIN NET 507.6 GAL
BEGIN LEVEL 42.521 IN
BEGIN TEMP 49.352 F
BEGIN WATER 10.5 GAL
BEGIN WATER 2.356 IN
END TIME 7:54 PM
END DATE 02/28/2008
END GROSS 503.8 GAL
END NET 507.6 GAL
END LEVEL 42.521 IN
END TEMP 49.337 F
END WATER 10.5 GAL
END WATER 2.356 IN

HOURLY DATA

TIME	DEG F	GAL
7:54 PM	49.337	518.14

SLOPE 0.00 GAL/HR
SLOPE LOW 0.00 GAL/HR
SLOPE HIGH 0.00 GAL/HR
TEST RESULTS PASSED

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

3/1/2008 02:41 PM
LEAK TEST REPORT

TANK NO. 4 GAL
UNLEADED REG

TEST RESULTS ABORTED

445/446/447

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

3/1/2008 445 06:56 PM
LEAK TEST REPORT

TANK NO. 1 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	2:51 PM
TEST STARTED	03/01/2008
LAST DELIVERY	8:18 AM
LAST DELIVERY	02/29/2008
% GROSS CAPACITY	78.76
BEGIN GROSS	6166.1 GAL
BEGIN NET	6199.9 GAL
BEGIN LEVEL	66.728 IN
BEGIN TEMP	52.197 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	6:56 PM
END DATE	03/01/2008
END GROSS	6166.3 GAL
END NET	6199.9 GAL
END LEVEL	66.730 IN
END TEMP	52.245 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
3:50 PM	52.212	6199.85
4:50 PM	52.221	6199.86
5:50 PM	52.235	6199.85
6:50 PM	52.243	6199.87

SLOPE	-0.00 GAL/HR
SLOPE LOW	-0.00 GAL/HR
SLOPE HIGH	-0.00 GAL/HR

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

3/1/2008 446 02:39 PM
LEAK TEST REPORT

TANK NO. 2 GAL
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	6:54 PM
TEST STARTED	02/28/2008
LAST DELIVERY	8:09 AM
LAST DELIVERY	02/11/2008
% GROSS CAPACITY	16.80
BEGIN GROSS	336.9 GAL
BEGIN NET	338.0 GAL
BEGIN LEVEL	14.541 IN
BEGIN TEMP	55.427 F
BEGIN WATER	5.6 GAL
BEGIN WATER	0.894 IN
END TIME	8:09 PM
END DATE	02/28/2008
END GROSS	336.9 GAL
END NET	338.0 GAL
END LEVEL	14.541 IN
END TEMP	55.421 F
END WATER	5.6 GAL
END WATER	0.895 IN

HOURLY DATA

TIME	DEG F	GAL
7:54 PM	55.421	343.58

SLOPE	0.00 GAL/HR
SLOPE HIGH	0.00 GAL/HR
TEST RESULTS	PASSED

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

3/1/2008 447 02:40 PM
LEAK TEST REPORT

TANK NO. 3 GAL
KEROSENE

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	6:54 PM
TEST STARTED	02/28/2008
LAST DELIVERY	11:06 AM
LAST DELIVERY	10/19/2005
% GROSS CAPACITY	91.61
BEGIN GROSS	503.8 GAL
BEGIN NET	507.6 GAL
BEGIN LEVEL	42.521 IN
BEGIN TEMP	49.352 F
BEGIN WATER	10.5 GAL
BEGIN WATER	2.356 IN
END TIME	7:54 PM
END DATE	02/28/2008
END GROSS	503.8 GAL
END NET	507.6 GAL
END LEVEL	42.521 IN
END TEMP	49.337 F
END WATER	10.5 GAL
END WATER	2.356 IN

HOURLY DATA

TIME	DEG F	GAL
7:54 PM	49.337	518.14

SLOPE	0.00 GAL/HR
SLOPE LOW	0.00 GAL/HR
SLOPE HIGH	0.00 GAL/HR
TEST RESULTS	PASSED

027

BARC
BLDG. 029
BELTSVILLE, MD.
SITE # 00029

1/3/1908 20:03

LEAK TEST REPORT

TANK NO. 1 4000 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	19:57
TEST STARTED	28/02/1908
LAST DELIVERY	11:36
LAST DELIVERY	13/11/1907
% GROSS CAPACITY	37.78
BEGIN GROSS	1515.4 GAL
BEGIN NET	1524.9 GAL
BEGIN LEVEL	26.170 IN
BEGIN TEMP	51.119 F
BEGIN WATER	27.7 GAL
BEGIN WATER	1.638 IN
END TIME	22:57
END DATE	28/02/1908
END GROSS	1515.5 GAL
END NET	1524.9 GAL
END LEVEL	26.171 IN
END TEMP	51.104 F
END WATER	27.7 GAL
END WATER	[illegible] IN

HOURLY DATA

TIME	DEG F	GAL
20:57	51.114	1552.56
21:57	51.115	1552.57
22:57	51.104	1552.58

SLOPE	0.01 GAL/HR
SLOPE LOW	0.01 GAL/HR
SLOPE HIGH	0.01 GAL/HR
TEST RESULTS	PASSED

027

BARC
BLDG. 029
BELTSVILLE, MD.
SITE # 00029

1/3/1908 20:03

LEAK TEST REPORT

TANK NO. 2 4000 GAL
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	19:58
TEST STARTED	28/02/1908
LAST DELIVERY	14:06
LAST DELIVERY	09/07/1901
% GROSS CAPACITY	79.46
BEGIN GROSS	3187.5 GAL
BEGIN NET	3200.3 GAL
BEGIN LEVEL	47.435 IN
BEGIN TEMP	51.133 F
BEGIN WATER	0.5 GAL
BEGIN WATER	0.112 IN
END TIME	22:58
END DATE	28/02/1908
END GROSS	3187.5 GAL
END NET	3200.4 GAL
END LEVEL	47.436 IN
END TEMP	51.110 F
END WATER	0.5 GAL
END WATER	0.113 IN

HOURLY DATA

TIME	DEG F	GAL
20:57	51.126	3200.83
21:57	51.115	3200.86
22:57	51.110	3200.86

SLOPE	0.02 GAL/HR
SLOPE LOW	0.02 GAL/HR
SLOPE HIGH	0.02 GAL/HR
TEST RESULTS	PASSED

Bldg 301

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

06/05/2008 8:47 AM

SENSOR STATUS REPORT

SENSOR NO. 1
DIE
OK

SENSOR NO. 2
UNL
OK

SENSOR NO. 3
SENSOR 3
OK

SENSOR NO. 4
SENSOR 4
OK

SENSOR NO. 5
GASINTER
OK

SENSOR NO. 6
DIEINTER
OK

SENSOR NO. 7
SENSOR 7
OK

SENSOR NO. 8
SENSOR 8
OK

SENSOR NO. 9
SENSOR 9
OK

SENSOR NO. 10
SENSOR 10
OK

SENSOR NO. 11
SENSOR 11
OK

SENSOR NO. 12
SENSOR 12
OK

"Baldus, Lisa"
<Lisa.Baldus@ARS.USDA.GOV>

06/12/2008 05:35 PM

To Melissa Toffel/R3/USEPA/US@EPA

cc "GASSNER, ALLISON" <ALLISON.GASSNER@OGC.USDA.GOV>, "Roark, Terry" <Terry.Roark@ARS.USDA.GOV>, "Obineme, Christian"

bcc

Subject Leak Test Reports for Beltsville

Hi Melissa,

Attached are the Leak Test Reports for May 30, and April 30. They do the reports at the end of the month so we don't have June yet. However, I've asked them to please run them tomorrow so that I can send them to you "just in case" you need them. You'll get a separate e-mail with those attached.

Also attached are the reports for March 1. It appears we got off schedule for the end of March and we ended up doing some on 3/20 and some on 4/14. I hope that is OK.

Please let me know if you have any questions. Again, I really appreciate your patience and perseverance!

Lisa

Lisa A. Baldus
Deputy Area Director
Beltsville Area
Room 203, Building 003, BARC-West
10300 Baltimore Avenue
Beltsville, Maryland 20705-2350
(301) 504-5392
Fax: (301) 504-6004

Leak Test Reports March through May.pdf

UST Leak Test Report - BARC Bldg. 029
May 2008

BARC
BLDG. 029
BELTSVILLE, MD.
SITE # 00029
5/30/2008
~~30/5/1908~~ 09:41
LEAK TEST REPORT

TANK NO. 1 4000 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	19:57
TEST STARTED	28/02/1908
LAST DELIVERY	11:36
LAST DELIVERY	13/11/1907
% GROSS CAPACITY	37.78
BEGIN GROSS	1515.4 GAL
BEGIN NET	1524.9 GAL
BEGIN LEVEL	26.170 IN
BEGIN TEMP	51.119 F
BEGIN WATER	27.7 GAL
BEGIN WATER	1.638 IN
END TIME	22:57
END DATE	28/02/1908
END GROSS	1515.5 GAL
END NET	1524.9 GAL
END LEVEL	26.171 IN
END TEMP	51.104 F
END WATER	27.7 GAL
END WATER	1.638 IN

HOURLY DATA

TIME	DEG F	GAL
20:57	51.114	1552.56
21:57	51.115	1552.57
22:57	51.104	1552.58

SLOPE	0.01 GAL/HR
SLOPE LOW	0.01 GAL/HR
SLOPE HIGH	0.01 GAL/HR
TEST RESULTS	PASSED

BARC
BLDG. 029
BELTSVILLE, MD.
SITE # 00029
5/30/2008
~~30/5/1908~~ 09:42
LEAK TEST REPORT

TANK NO. 2 4000 GAL
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	19:58
TEST STARTED	28/02/1908
LAST DELIVERY	14:06
LAST DELIVERY	09/07/1901
% GROSS CAPACITY	79.46
BEGIN GROSS	3187.5 GAL
BEGIN NET	3200.3 GAL
BEGIN LEVEL	47.435 IN
BEGIN TEMP	51.133 F
BEGIN WATER	0.5 GAL
BEGIN WATER	0.112 IN
END TIME	22:57
END DATE	28/02/1908
END GROSS	3187.5 GAL
END NET	3200.4 GAL
END LEVEL	47.436 IN
END TEMP	51.110 F
END WATER	0.5 GAL
END WATER	0.113 IN

HOURLY DATA

TIME	DEG F	GAL
20:57	51.126	3200.83
21:57	51.115	3200.86
22:57	51.110	3200.86

SLOPE	0.02 GAL/HR
SLOPE LOW	0.02 GAL/HR
SLOPE HIGH	0.02 GAL/HR
TEST RESULTS	PASSED

UST Leak Test Report - BARC Bldg. 166
May 2008

BARC

BELTSVILLE, MD
SITE # 166
5/30/2008
~~5/30/1908~~ 10:02
LEAK TEST REPORT

TANK NO. 1 4000 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	18:32
TEST STARTED	02/28/1908
LAST DELIVERY	9:32
LAST DELIVERY	01/09/1908
% GROSS CAPACITY	68.68
BEGIN GROSS	2657.1 GAL
BEGIN NET	2669.6 GAL
BEGIN LEVEL	46.409 IN
BEGIN TEMP	53.284 F
BEGIN WATER	44.2 GAL
BEGIN WATER	2.648 IN
END TIME	21:07
END DATE	02/28/1908
END GROSS	2657.1 GAL
END NET	2669.6 GAL
END LEVEL	46.409 IN
END TEMP	53.276 F
END WATER	44.2 GAL
END WATER	2.649 IN

HOURLY DATA

TIME	DEG F	GAL
19:32	53.281	2713.79
20:32	53.279	2713.82

SLOPE	0.00 GAL/HR
SLOPE LOW	-0.00 GAL/HR
SLOPE HIGH	0.00 GAL/HR
TEST RESULTS	PASSED

BARC

BELTSVILLE, MD
SITE # 166
5/30/2008
~~5/30/1908~~ 10:03
LEAK TEST REPORT

TANK NO. 2 2500 GAL
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	18:32
TEST STARTED	02/28/1908
LAST DELIVERY	13:07
LAST DELIVERY	01/25/1908
% GROSS CAPACITY	48.66
BEGIN GROSS	1297.3 GAL
BEGIN NET	1282.2 GAL
BEGIN LEVEL	34.980 IN
BEGIN TEMP	85.581 F
BEGIN WATER	34.7 GAL
BEGIN WATER	2.744 IN
END TIME	20:22
END DATE	02/28/1908
END GROSS	1297.3 GAL
END NET	1282.2 GAL
END LEVEL	34.981 IN
END TEMP	85.566 F
END WATER	34.7 GAL
END WATER	2.745 IN

HOURLY DATA

TIME	DEG F	GAL
19:32	85.570	1316.95

SLOPE	0.02 GAL/HR
SLOPE LOW	0.02 GAL/HR
SLOPE HIGH	0.02 GAL/HR
TEST RESULTS	PASSED

UST Leak Test Report - BARC Bldg. 301
May 2008

BLDG. 301

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

05/30/2008 10:48 AM

LEAK TEST REPORT

TANK 1 4000.0 GAL

DIESEL

LEAK TEST	0.200 GPH
LEAK THRESHOLD	0.100 GPH
CONFIDENCE LEVEL	99.0%
TEST STARTED	10:00 PM
TEST STARTED	05/25/2008
LAST DELIVERY	11:23 AM
LAST DELIVERY	04/30/2008
GROSS CAPACITY	12.8%
BEGIN GROSS	510.2 GAL
BEGIN NET	509.8 GAL
BEGIN LEVEL	11.887 IN
BEGIN TEMP	61.426 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	12:14 AM
END DATE	05/26/2008
END GROSS	510.2 GAL
END NET	509.8 GAL
END LEVEL	11.887 IN
END TEMP	61.442 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
10:59 PM	61.433	509.90
11:59 PM	61.440	509.83

SLOPE	-0.001	GAL/HR
SLOPE LOW	-0.002	GAL/HR
SLOPE HIGH	0.001	GAL/HR
TEST RESULT		PASSED

SLOPE EQUALS CALCULATED LEAK RATE

BLDG 301

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

05/30/2008 10:49 AM

LEAK TEST REPORT

TANK 2 4000.0 GAL

GASOLINE

LEAK TEST	0.200 GPH
LEAK THRESHOLD	0.100 GPH
CONFIDENCE LEVEL	99.0%
TEST STARTED	10:00 PM
TEST STARTED	05/25/2008
LAST DELIVERY	8:41 AM
LAST DELIVERY	04/11/2008
GROSS CAPACITY	56.0%
BEGIN GROSS	2239.5 GAL
BEGIN NET	2259.0 GAL
BEGIN LEVEL	35.077 IN
BEGIN TEMP	47.616 F
BEGIN WATER	3.9 GAL
BEGIN WATER	0.601 IN
END TIME	12:59 AM
END DATE	05/26/2008
END GROSS	2239.5 GAL
END NET	2258.9 GAL
END LEVEL	35.077 IN
END TEMP	47.637 F
END WATER	3.9 GAL
END WATER	0.602 IN

HOURLY DATA

TIME	DEG F	GAL
10:59 PM	47.649	2262.78
11:59 PM	47.625	2262.82
12:59 AM	47.637	2262.81

SLOPE	0.005	GAL/HR
SLOPE LOW	0.004	GAL/HR
SLOPE HIGH	0.006	GAL/HR
TEST RESULT		PASSED

SLOPE EQUALS CALCULATED LEAK RATE

UST Leak Test Report - BARC Bldg. 445
May 2008

BLDG 445
INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

5/30/2008 02:51 PM
LEAK TEST REPORT

TANK NO. 1 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	8:00 PM
TEST STARTED	05/24/2008
LAST DELIVERY	10:10 AM
LAST DELIVERY	05/06/2008
% GROSS CAPACITY	68.31
BEGIN GROSS	5348.0 GAL
BEGIN NET	5353.4 GAL
BEGIN LEVEL	58.717 IN
BEGIN TEMP	58.543 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	12:04 AM
END DATE	05/25/2008
END GROSS	5347.9 GAL
END NET	5353.4 GAL
END LEVEL	58.716 IN
END TEMP	58.542 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
8:59 PM	58.544	5353.44
9:59 PM	58.545	5353.39
10:59 PM	58.542	5353.45
11:59 PM	58.543	5353.45

SLOPE	0.00 GAL/HR
SLOPE LOW	0.00 GAL/HR
SLOPE HIGH	0.00 GAL/HR
TEST RESULTS	PASSED

BLDG. 445
INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

5/30/2008 02:52 PM
LEAK TEST REPORT

TANK NO. 2 GAL
~~UNLEADED REG~~
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	8:00 PM
TEST STARTED	05/24/2008
LAST DELIVERY	11:07 AM
LAST DELIVERY	04/30/2008
% GROSS CAPACITY	76.95
BEGIN GROSS	1543.4 GAL
BEGIN NET	1538.3 GAL
BEGIN LEVEL	46.149 IN
BEGIN TEMP	64.665 F
BEGIN WATER	5.1 GAL
BEGIN WATER	0.838 IN
END TIME	9:29 PM
END DATE	05/24/2008
END GROSS	1543.4 GAL
END NET	1538.3 GAL
END LEVEL	46.149 IN
END TEMP	64.669 F
END WATER	5.1 GAL
END WATER	0.839 IN

HOURLY DATA

TIME	DEG F	GAL
8:59 PM	64.668	1543.40

SLOPE	-0.00 GAL/HR
SLOPE LOW	-0.00 GAL/HR
SLOPE HIGH	-0.00 GAL/HR
TEST RESULTS	PASSED

BLDG. 445
INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

5/30/2008 02:53 PM
LEAK TEST REPORT

TANK NO. 3 GAL
~~UNLEADED REG~~
KEROSENE

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	8:00 PM
TEST STARTED	05/24/2008
LAST DELIVERY	11:06 AM
LAST DELIVERY	10/19/2005
% GROSS CAPACITY	92.21
BEGIN GROSS	507.1 GAL
BEGIN NET	506.5 GAL
BEGIN LEVEL	42.877 IN
BEGIN TEMP	61.774 F
BEGIN WATER	10.5 GAL
BEGIN WATER	2.355 IN
END TIME	8:59 PM
END DATE	05/24/2008
END GROSS	507.1 GAL
END NET	506.5 GAL
END LEVEL	42.876 IN
END TEMP	61.777 F
END WATER	10.5 GAL
END WATER	2.355 IN

HOURLY DATA

TIME	DEG F	GAL
8:59 PM	61.777	517.01

SLOPE	-0.00 GAL/HR
SLOPE LOW	-0.00 GAL/HR
SLOPE HIGH	-0.00 GAL/HR
TEST RESULTS	PASSED

UST Leak Test Report - BARC Bldg. 029
April 2008

029
4/30/08

BARC
BLDG. 029
BELTSVILLE, MD.
SITE # 00029

30/4/1908 20:14
LEAK TEST REPORT

TANK NO. 1 4000 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	19:57
TEST STARTED	28/02/1908
LAST DELIVERY	11:36
LAST DELIVERY	13/11/1907
% GROSS CAPACITY	37.78
BEGIN GROSS	1515.4 GAL
BEGIN NET	1524.9 GAL
BEGIN LEVEL	26.170 IN
BEGIN TEMP	51.119 F
BEGIN WATER	27.7 GAL
BEGIN WATER	1.638 IN
END TIME	22:57
END DATE	28/02/1908
END GROSS	1515.5 GAL
END NET	1524.9 GAL
END LEVEL	26.171 IN
END TEMP	51.104 F
END WATER	27.7 GAL
END WATER	1.638 IN

HOURLY DATA

TIME	DEG F	GAL
20:57	51.114	1552.56
21:57	51.115	1552.57
22:57	51.104	1552.58

SLOPE	0.01 GAL/HR
SLOPE LOW	0.01 GAL/HR
SLOPE HIGH	0.01 GAL/HR
TEST RESULTS	PASSED

029
4/30/08

BARC
BLDG. 029
BELTSVILLE, MD.
SITE # 00029

30/4/1908 20:15
LEAK TEST REPORT

TANK NO. 2 4000 GAL
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	19:58
TEST STARTED	28/02/1908
LAST DELIVERY	14:06
LAST DELIVERY	09/07/1901
% GROSS CAPACITY	79.46
BEGIN GROSS	3187.5 GAL
BEGIN NET	3200.3 GAL
BEGIN LEVEL	47.435 IN
BEGIN TEMP	51.133 F
BEGIN WATER	0.5 GAL
BEGIN WATER	0.112 IN
END TIME	22:57
END DATE	28/02/1908
END GROSS	3187.5 GAL
END NET	3200.4 GAL
END LEVEL	47.436 IN
END TEMP	51.110 F
END WATER	0.5 GAL
END WATER	0.113 IN

HOURLY DATA

TIME	DEG F	GAL
20:57	51.126	3200.83
21:57	51.115	3200.86
22:57	51.110	3200.86

SLOPE	0.02 GAL/HR
SLOPE LOW	0.02 GAL/HR
SLOPE HIGH	0.02 GAL/HR
TEST RESULTS	PASSED

UST Leak Test Report - BARC Bldg. 166
April 2008

166 4/30/08

BARC

BELTSVILLE, MD
SITE # 166

4/30/1908 19:59
LEAK TEST REPORT

TANK NO. 1 4000 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	18:32
TEST STARTED	02/28/1908
LAST DELIVERY	9:32
LAST DELIVERY	01/09/1908
% GROSS CAPACITY	68.68
BEGIN GROSS	2657.1 GAL
BEGIN NET	2669.6 GAL
BEGIN LEVEL	46.409 IN
BEGIN TEMP	53.284 F
BEGIN WATER	44.2 GAL
BEGIN WATER	2.648 IN
END TIME	21:07
END DATE	02/28/1908
END GROSS	2657.1 GAL
END NET	2669.6 GAL
END LEVEL	46.409 IN
END TEMP	53.276 F
END WATER	44.2 GAL
END WATER	2.649 IN

HOURLY DATA

TIME	DEG F	GAL
19:32	53.281	2713.79
20:32	53.279	2713.82

SLOPE	0.00 GAL/HR
SLOPE LOW	-0.00 GAL/HR
SLOPE HIGH	0.00 GAL/HR
TEST RESULTS	PASSED

166 4/30/08

BARC

BELTSVILLE, MD
SITE # 166

4/30/1908 20:00
LEAK TEST REPORT

TANK NO. 2 2500 GAL
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	18:32
TEST STARTED	02/28/1908
LAST DELIVERY	13:07
LAST DELIVERY	01/25/1908
% GROSS CAPACITY	48.66
BEGIN GROSS	1297.3 GAL
BEGIN NET	1282.2 GAL
BEGIN LEVEL	34.980 IN
BEGIN TEMP	85.581 F
BEGIN WATER	34.7 GAL
BEGIN WATER	2.744 IN
END TIME	20:22
END DATE	02/28/1908
END GROSS	1297.3 GAL
END NET	1282.2 GAL
END LEVEL	34.981 IN
END TEMP	85.566 F
END WATER	34.7 GAL
END WATER	2.745 IN

HOURLY DATA

TIME	DEG F	GAL
19:32	85.570	1316.95

SLOPE	0.02 GAL/HR
SLOPE LOW	0.02 GAL/HR
SLOPE HIGH	0.02 GAL/HR
TEST RESULTS	PASSED

UST Leak Test Report - BARC Bldg. 301
April 2008

301

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

04/30/2008 8:47 PM

LEAK TEST REPORT

TANK 1 4000.0 GAL

DIESEL

LEAK TEST	0.200 GPH
LEAK THRESHOLD	0.100 GPH
CONFIDENCE LEVEL	99.0%
TEST STARTED	10:00 PM
TEST STARTED	04/27/2008
LAST DELIVERY	1:18 PM
LAST DELIVERY	04/11/2008
GROSS CAPACITY	12.8%
BEGIN GROSS	510.4 GAL
BEGIN NET	510.6 GAL
BEGIN LEVEL	11.890 IN
BEGIN TEMP	58.941 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	12:14 AM
END DATE	04/28/2008
END GROSS	510.4 GAL
END NET	510.6 GAL
END LEVEL	11.890 IN
END TEMP	58.965 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
10:59 PM	58.952	510.62
11:59 PM	58.963	510.62

SLOPE	0.004 GAL/HR
SLOPE LOW	0.002 GAL/HR
SLOPE HIGH	0.005 GAL/HR
TEST RESULT	PASSED

SLOPE EQUALS CALCULATED LEAK RATE

301

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

04/30/2008 8:47 PM

LEAK TEST REPORT

TANK 2 4000.0 GAL

GASOLINE

LEAK TEST	0.200 GPH
LEAK THRESHOLD	0.100 GPH
CONFIDENCE LEVEL	99.0%
TEST STARTED	10:00 PM
TEST STARTED	04/27/2008
LAST DELIVERY	8:41 AM
LAST DELIVERY	04/11/2008
GROSS CAPACITY	72.3%
BEGIN GROSS	2893.9 GAL
BEGIN NET	2922.2 GAL
BEGIN LEVEL	43.545 IN
BEGIN TEMP	46.024 F
BEGIN WATER	3.8 GAL
BEGIN WATER	0.599 IN
END TIME	12:59 AM
END DATE	04/28/2008
END GROSS	2893.9 GAL
END NET	2922.3 GAL
END LEVEL	43.546 IN
END TEMP	45.981 F
END WATER	3.8 GAL
END WATER	0.599 IN

HOURLY DATA

TIME	DEG F	GAL
10:59 PM	46.024	2926.09
11:59 PM	45.973	2926.20
12:59 AM	45.981	2926.17

SLOPE	0.030 GAL/HR
SLOPE LOW	0.027 GAL/HR
SLOPE HIGH	0.033 GAL/HR
TEST RESULT	PASSED

SLOPE EQUALS CALCULATED LEAK RATE

UST Leak Test Report - BARC Bldg. 445
April 2008

445 4/30/08

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

4/30/2008 09:04 PM
LEAK TEST REPORT

TANK NO. 1 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	8:00 PM
TEST STARTED	04/26/2008
LAST DELIVERY	9:03 AM
LAST DELIVERY	04/11/2008
% GROSS CAPACITY	68.28
BEGIN GROSS	5345.9 GAL
BEGIN NET	5362.7 GAL
BEGIN LEVEL	58.698 IN
BEGIN TEMP	55.532 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	12:04 AM
END DATE	04/27/2008
END GROSS	5346.0 GAL
END NET	5362.7 GAL
END LEVEL	58.698 IN
END TEMP	55.548 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
8:59 PM	55.536	5362.68
9:59 PM	55.540	5362.67
10:59 PM	55.543	5362.65
11:59 PM	55.548	5362.64

SLOPE	-0.01 GAL/HR
SLOPE LOW	-0.01 GAL/HR
SLOPE HIGH	-0.01 GAL/HR
TEST RESULTS	PASSED

445 4/30/08

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

4/30/2008 09:05 PM
LEAK TEST REPORT

TANK NO. 2 GAL
UNLEADED REG

TEST RESULTS ABORTED

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

4/30/2008 09:05 PM
LEAK TEST REPORT

TANK NO. 3 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	8:00 PM
TEST STARTED	04/26/2008
LAST DELIVERY	11:06 AM
LAST DELIVERY	10/19/2005
% GROSS CAPACITY	92.06
BEGIN GROSS	506.4 GAL
BEGIN NET	506.7 GAL
BEGIN LEVEL	42.791 IN
BEGIN TEMP	58.913 F
BEGIN WATER	10.5 GAL
BEGIN WATER	2.353 IN
END TIME	8:59 PM
END DATE	04/26/2008
END GROSS	506.4 GAL
END NET	506.7 GAL
END LEVEL	42.791 IN
END TEMP	58.925 F
END WATER	10.5 GAL
END WATER	2.353 IN

HOURLY DATA

TIME	DEG F	GAL
8:59 PM	58.925	517.25

SLOPE	-0.00 GAL/HR
SLOPE LOW	-0.00 GAL/HR
SLOPE HIGH	-0.00 GAL/HR
TEST RESULTS	PASSED

USDA ARBORETUM BLDG.015
3501 NEW YORK AVE. N.E.
WASHINGTON, DC 20002
SITE # 015

3/20/2008 10:19
LEAK TEST REPORT

TANK NO. 1 1000 GAL
DIESEL

LEAK TEST	0.200 G/H
LEAK THRESHOLD	0.100 G/H
CONFIDENCE LEVEL	99.0%
TEST STARTED	8:19
TEST STARTED	03/20/2008
LAST DELIVERY	11:20
LAST DELIVERY	03/17/2008
% GROSS CAPACITY	95.72
BEGIN GROSS	967.4 GAL
BEGIN NET	971.2 GAL
BEGIN LEVEL	43.797 IN
BEGIN TEMP	51.490 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	10:19
END DATE	03/20/2008
END GROSS	967.4 GAL
END NET	971.1 GAL
END LEVEL	43.795 IN
END TEMP	51.507 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
9:19	51.495	971.15
10:19	51.507	971.13

SLOPE	-0.01 GAL/HR
SLOPE LOW	-0.01 GAL/HR
SLOPE HIGH	-0.01 GAL/HR
TEST RESULTS	PASSED

SLOPE EQUALS CALCULATED
LEAK RATE

USDA ARBORETUM BLDG.015
3501 NEW YORK AVE. N.E.
WASHINGTON, DC 20002
SITE # 015

3/20/2008 08:05
LEAK TEST REPORT

TANK NO. 2 1500 GAL
UNLEADED REG

LEAK TEST	0.200 G/H
LEAK THRESHOLD	0.100 G/H
CONFIDENCE LEVEL	99.0%
TEST STARTED	9:45
TEST STARTED	03/19/2008
LAST DELIVERY	8:20
LAST DELIVERY	03/06/2008
% GROSS CAPACITY	74.91
BEGIN GROSS	1126.9 GAL
BEGIN NET	1134.2 GAL
BEGIN LEVEL	44.880 IN
BEGIN TEMP	50.816 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	11:45
END DATE	03/19/2008
END GROSS	1126.9 GAL
END NET	1134.1 GAL
END LEVEL	44.879 IN
END TEMP	50.840 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
10:45	50.831	1134.15
11:45	50.840	1134.14

SLOPE	-0.01 GAL/HR
SLOPE LOW	-0.01 GAL/HR
SLOPE HIGH	-0.01 GAL/HR
TEST RESULTS	PASSED

SLOPE EQUALS CALCULATED
LEAK RATE

USDA ARBORETUM BLDG.015
3501 NEW YORK AVE. N.E.
WASHINGTON, DC 20002
SITE # 015

3/21/2008 13:05
LEAK TEST REPORT

TANK NO. 1 1000 GAL
DIESEL

LEAK TEST	0.200 G/H
LEAK THRESHOLD	0.100 G/H
CONFIDENCE LEVEL	99.0%
TEST STARTED	8:19
TEST STARTED	03/20/2008
LAST DELIVERY	11:20
LAST DELIVERY	03/17/2008
% GROSS CAPACITY	95.72
BEGIN GROSS	967.4 GAL
BEGIN NET	971.2 GAL
BEGIN LEVEL	43.797 IN
BEGIN TEMP	51.490 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	10:19
END DATE	03/20/2008
END GROSS	967.4 GAL
END NET	971.1 GAL
END LEVEL	43.795 IN
END TEMP	51.507 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
9:19	51.495	971.15
10:19	51.507	971.13

SLOPE	-0.01 GAL/HR
SLOPE LOW	-0.01 GAL/HR
SLOPE HIGH	-0.01 GAL/HR
TEST RESULTS	PASSED

SLOPE EQUALS CALCULATED
LEAK RATE

USDA ARBORETUM BLDG.015
3501 NEW YORK AVE. N.E.
WASHINGTON, DC 20002
SITE # 015

3/21/2008 13:0(
LEAK TEST REPORT

TANK NO. 2 1500 GAL
UNLEADED REG

LEAK TEST	0.200 G/H
LEAK THRESHOLD	0.100 G/H
CONFIDENCE LEVEL	99.0
TEST STARTED	9:45
TEST STARTED	03/19/2008
LAST DELIVERY	8:20
LAST DELIVERY	03/06/2008
% GROSS CAPACITY	74.91
BEGIN GROSS	1126.9 GAL
BEGIN NET	1134.2 GAL
BEGIN LEVEL	44.880 IN
BEGIN TEMP	50.816 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	11:45
END DATE	03/19/2008
END GROSS	1126.9 GAL
END NET	1134.1 GAL
END LEVEL	44.879 IN
END TEMP	50.840 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
10:45	50.831	1134.15
11:45	50.840	1134.14

SLOPE	-0.01 GAL/HR
SLOPE LOW	-0.01 GAL/HR
SLOPE HIGH	-0.01 GAL/HR
TEST RESULTS	PASSED

SLOPE EQUALS CALCULATED
LEAK RATE

USDA ARBORETUM BLDG.015
3501 NEW YORK AVE. N.E.
WASHINGTON, DC 20002
SITE # 015

4/14/2008 01:00
LEAK TEST REPORT

TANK NO. 1 1000 GAL
DIESEL

LEAK TEST	0.200 G/H
LEAK THRESHOLD	0.100 G/H
CONFIDENCE LEVEL	99.0%
TEST STARTED	23:00
TEST STARTED	04/13/2008
LAST DELIVERY	11:20
LAST DELIVERY	03/17/2008
% GROSS CAPACITY	88.47
BEGIN GROSS	894.2 GAL
BEGIN NET	896.7 GAL
BEGIN LEVEL	39.713 IN
BEGIN TEMP	53.853 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	0:59
END DATE	04/14/2008
END GROSS	894.2 GAL
END NET	896.7 GAL
END LEVEL	39.713 IN
END TEMP	53.851 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
23:59	53.852	896.69
0:59	53.851	896.70

SLOPE	0.01 GAL/HR
SLOPE LOW	0.01 GAL/HR
SLOPE HIGH	0.01 GAL/HR
TEST RESULTS	PASSED

SLOPE EQUALS CALCULATED
LEAK RATE

USDA ARBORETUM BLDG.015
3501 NEW YORK AVE. N.E.
WASHINGTON, DC 20002
SITE # 015

4/14/2008 01:01
LEAK TEST REPORT

TANK NO. 2 1500 GAL
UNLEADED REG

LEAK TEST	0.200 G/
LEAK THRESHOLD	0.100 G/
CONFIDENCE LEVEL	99.0
TEST STARTED	23:0
TEST STARTED	04/13/200
LAST DELIVERY	8:2
LAST DELIVERY	03/06/200
% GROSS CAPACITY	36.1
BEGIN GROSS	544.0 GA
BEGIN NET	546.7 GA
BEGIN LEVEL	24.990 I
BEGIN TEMP	53.055
BEGIN WATER	0.0 GA
BEGIN WATER	0.000 I
END TIME	0:5
END DATE	04/14/200
END GROSS	544.1 GA
END NET	546.7 GA
END LEVEL	24.990 I
END TEMP	53.065
END WATER	0.0 GA
END WATER	0.000 I

HOURLY DATA

TIME	DEG F	GAL
23:59	53.060	546.7
0:59	53.065	546.7

SLOPE	0.01 GAL/H
SLOPE LOW	0.01 GAL/H
SLOPE HIGH	0.01 GAL/H
TEST RESULTS	PASSE

SLOPE EQUALS CALCULATED
LEAK RATE

4/4 6 4/30/08

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

4/30/2008 09:04 PM
LEAK TEST REPORT

TANK NO. 1 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	8:00 PM
TEST STARTED	04/26/2008
LAST DELIVERY	9:03 AM
LAST DELIVERY	04/11/2008
% GROSS CAPACITY	68.28
BEGIN GROSS	5345.9 GAL
BEGIN NET	5362.7 GAL
BEGIN LEVEL	58.698 IN
BEGIN TEMP	55.532 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	12:04 AM
END DATE	04/27/2008
END GROSS	5346.0 GAL
END NET	5362.7 GAL
END LEVEL	58.698 IN
END TEMP	55.548 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
8:59 PM	55.536	5362.68
9:59 PM	55.540	5362.67
10:59 PM	55.543	5362.65
11:59 PM	55.548	5362.64

SLOPE	-0.01 GAL/HR
SLOPE LOW	-0.01 GAL/HR
SLOPE HIGH	-0.01 GAL/HR
TEST RESULTS	PASSED

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

4/30/2008 09:05 PM
LEAK TEST REPORT

TANK NO. 2 GAL
UNLEADED REG

TEST RESULTS ABORTED

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

4/30/2008 09:05 PM
LEAK TEST REPORT

TANK NO. 3 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	8:00 PM
TEST STARTED	04/26/2008
LAST DELIVERY	11:06 AM
LAST DELIVERY	10/19/2005
% GROSS CAPACITY	92.06
BEGIN GROSS	506.4 GAL
BEGIN NET	506.7 GAL
BEGIN LEVEL	42.791 IN
BEGIN TEMP	58.913 F
BEGIN WATER	10.5 GAL
BEGIN WATER	2.353 IN
END TIME	8:59 PM
END DATE	04/26/2008
END GROSS	506.4 GAL
END NET	506.7 GAL
END LEVEL	42.791 IN
END TEMP	58.925 F
END WATER	10.5 GAL
END WATER	2.353 IN

HOURLY DATA

TIME	DEG F	GAL
8:59 PM	58.925	517.25

SLOPE	-0.00 GAL/HR
SLOPE LOW	-0.00 GAL/HR
SLOPE HIGH	-0.00 GAL/HR
TEST RESULTS	PASSED

027

BARC
BLDG. 029
BELTSVILLE, MD.
SITE # 00029

1/3/1908 20:02
LEAK TEST REPORT

TANK NO. 1 4000 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	19:57
TEST STARTED	28/02/1908
LAST DELIVERY	11:36
LAST DELIVERY	13/11/1907
% GROSS CAPACITY	37.78
BEGIN GROSS	1515.4 GAL
BEGIN NET	1524.9 GAL
BEGIN LEVEL	26.170 IN
BEGIN TEMP	51.119 F
BEGIN WATER	27.7 GAL
BEGIN WATER	1.638 IN
END TIME	22:57
END DATE	28/02/1908
END GROSS	1515.5 GAL
END NET	1524.9 GAL
END LEVEL	26.171 IN
END TEMP	51.104 F
END WATER	27.7 GAL
END WATER	1.638 IN

HOURLY DATA

TIME	DEG F	GAL
20:57	51.114	1552.56
21:57	51.115	1552.57
22:57	51.104	1552.58

SLOPE	0.01 GAL/HR
SLOPE LOW	0.01 GAL/HR
SLOPE HIGH	0.01 GAL/HR
TEST RESULTS	PASSED

027

BARC
BLDG. 029
BELTSVILLE, MD.
SITE # 00029

1/3/1908 20:03
LEAK TEST REPORT

TANK NO. 2 4000 GAL
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	19:58
TEST STARTED	28/02/1908
LAST DELIVERY	14:06
LAST DELIVERY	09/07/1901
% GROSS CAPACITY	79.46
BEGIN GROSS	3187.5 GAL
BEGIN NET	3200.3 GAL
BEGIN LEVEL	47.435 IN
BEGIN TEMP	51.133 F
BEGIN WATER	0.5 GAL
BEGIN WATER	0.112 IN
END DATE	28/02/1908
END GROSS	3187.5 GAL
END NET	3200.4 GAL
END LEVEL	47.436 IN
END TEMP	51.110 F
END WATER	0.5 GAL
END WATER	0.113 IN

HOURLY DATA

TIME	DEG F	GAL
20:57	51.126	3200.83
21:57	51.115	3200.86
22:57	51.110	3200.86

SLOPE	0.02 GAL/HR
SLOPE LOW	0.02 GAL/HR
SLOPE HIGH	0.02 GAL/HR
TEST RESULTS	PASSED

Copy of TANK LEAK TEST
provide to EPA

301

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

03/01/2008 7:09 PM

LEAK TEST REPORT

TANK 1 4000.0 GAL

DIESEL

LEAK TEST	0.200 GPH
LEAK THRESHOLD	0.100 GPH
CONFIDENCE LEVEL	99.0%
TEST STARTED	6:13 PM
TEST STARTED	02/28/2008
LAST DELIVERY	1:09 PM
LAST DELIVERY	12/21/2007
GROSS CAPACITY	42.7%
BEGIN GROSS	1708.8 GAL
BEGIN NET	1715.0 GAL
BEGIN LEVEL	28.350 IN
BEGIN TEMP	51.919 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.003 IN
END TIME	9:13 PM
END DATE	02/28/2008
END GROSS	1708.8 GAL
END NET	1715.1 GAL
END LEVEL	28.350 IN
END TEMP	51.920 F
END WATER	0.0 GAL
END WATER	0.003 IN

HOURLY DATA

TIME	DEG F	GAL
7:12 PM	51.924	1715.02
8:12 PM	51.932	1715.02
9:13 PM	51.920	1715.05

SLOPE	0.005 GAL/HR
SLOPE LOW	0.003 GAL/HR
SLOPE HIGH	0.007 GAL/HR
TEST RESULT	PASSED

SLOPE EQUALS CALCULATED LEAK RATE

301

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

03/01/2008 7:08 PM

LEAK TEST REPORT

TANK 2 4000.0 GAL

GASOLINE

LEAK TEST	0.200 GPH
LEAK THRESHOLD	0.100 GPH
CONFIDENCE LEVEL	99.0%
TEST STARTED	6:13 PM
TEST STARTED	02/28/2008
LAST DELIVERY	9:41 AM
LAST DELIVERY	12/26/2007
GROSS CAPACITY	27.8%
BEGIN GROSS	1113.6 GAL
BEGIN NET	1126.1 GAL
BEGIN LEVEL	20.684 IN
BEGIN TEMP	43.978 F
BEGIN WATER	3.8 GAL
BEGIN WATER	0.593 IN
END TIME	9:03 PM
END DATE	02/28/2008
END GROSS	1113.6 GAL
END NET	1126.1 GAL
END LEVEL	20.684 IN
END TEMP	43.983 F
END WATER	3.8 GAL
END WATER	0.593 IN

HOURLY DATA

TIME	DEG F	GAL
7:13 PM	43.998	1129.86
8:13 PM	43.973	1129.84

SLOPE	0.002 GAL/HR
SLOPE LOW	-0.000 GAL/HR
SLOPE HIGH	0.003 GAL/HR
TEST RESULT	PASSED

SLOPE EQUALS CALCULATED LEAK RATE

445

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

3/1/2008 445 06:56 PM
LEAK TEST REPORT

TANK NO. 1 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	2:51 PM
TEST STARTED	03/01/2008
LAST DELIVERY	8:18 AM
LAST DELIVERY	02/29/2008
% GROSS CAPACITY	78.76
BEGIN GROSS	6166.1 GAL
BEGIN NET	6199.9 GAL
BEGIN LEVEL	66.728 IN
BEGIN TEMP	52.197 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	6:56 PM
END DATE	03/01/2008
END GROSS	6166.3 GAL
END NET	6199.9 GAL
END LEVEL	66.730 IN
END TEMP	52.245 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
3:50 PM	52.212	6199.85
4:50 PM	52.221	6199.86
5:50 PM	52.235	6199.85
6:50 PM	52.243	6199.87

SLOPE	-0.00 GAL/HR
SLOPE LOW	-0.00 GAL/HR
SLOPE HIGH	-0.00 GAL/HR

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

3/1/2008 446 02:39 PM
LEAK TEST REPORT

TANK NO. 2 GAL
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	6:54 PM
TEST STARTED	02/28/2008
LAST DELIVERY	8:09 AM
LAST DELIVERY	02/11/2008
% GROSS CAPACITY	16.80
BEGIN GROSS	336.9 GAL
BEGIN NET	338.0 GAL
BEGIN LEVEL	14.541 IN
BEGIN TEMP	55.427 F
BEGIN WATER	5.6 GAL
BEGIN WATER	0.894 IN
END TIME	8:09 PM
END DATE	02/28/2008
END GROSS	336.9 GAL
END NET	338.0 GAL
END LEVEL	14.541 IN
END TEMP	55.421 F
END WATER	5.6 GAL
END WATER	0.895 IN

HOURLY DATA

TIME	DEG F	GAL
7:54 PM	55.421	343.58

SLOPE	0.00 GAL/HR
SLOPE HIGH	0.00 GAL/HR
TEST RESULTS	PASSED

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

447
3/1/2008 02:40 PM
LEAK TEST REPORT

TANK NO. 3 GAL
KEROSENE

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	6:54 PM
TEST STARTED	02/28/2008
LAST DELIVERY	11:06 AM
LAST DELIVERY	10/19/2005
% GROSS CAPACITY	91.61
BEGIN GROSS	503.8 GAL
BEGIN NET	507.6 GAL
BEGIN LEVEL	42.521 IN
BEGIN TEMP	49.352 F
BEGIN WATER	10.5 GAL
BEGIN WATER	2.356 IN
END TIME	7:54 PM
END DATE	02/28/2008
END GROSS	503.8 GAL
END NET	507.6 GAL
END LEVEL	42.521 IN
END TEMP	49.337 F
END WATER	10.5 GAL
END WATER	2.356 IN

HOURLY DATA

TIME	DEG F	GAL
7:54 PM	49.337	518.14

SLOPE	0.00 GAL/HR
SLOPE LOW	0.00 GAL/HR
SLOPE HIGH	0.00 GAL/HR
TEST RESULTS	PASSED

"Baldus, Lisa"
<Lisa.Baldus@ARS.USDA.GOV>

06/13/2008 03:24 PM

To Melissa Toffel/R3/USEPA/US@EPA

cc "GASSNER, ALLISON" <ALLISON.GASSNER@OGC.USDA.GOV>, "Roark, Terry" <Terry.Roark@ARS.USDA.GOV>, "Jovanovich, Pete"

bcc

Subject Another set of Reports for Beltsville

Hi Melissa,

As I mentioned in my message yesterday, we usually print out the Leak Test Reports at the end/start of the month. However, I wanted to get you something for June as you asked for it. So, attached are the Leak Test Reports dated today.

I hope you have a great weekend.

Thanks again!

Lisa

Lisa A. Baldus
Deputy Area Director
Beltsville Area
Room 203, Building 003, BARC-West
10300 Baltimore Avenue
Beltsville, Maryland 20705-2350
(301) 504-5392
Fax: (301) 504-6004

UST Leak Test Report - BARC Bldgs 029,166,301 & 445.pdf

BARC
BLDG. 029
BELTSVILLE, MD.
SITE # 00029

13/6/1908 07:43
LEAK TEST REPORT

TANK NO. 1 4000 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	18:31
TEST STARTED	12/06/1908
LAST DELIVERY	11:36
LAST DELIVERY	13/11/1907
% GROSS CAPACITY	17.53
BEGIN GROSS	703.4 GAL
BEGIN NET	699.5 GAL
BEGIN LEVEL	15.227 IN
BEGIN TEMP	67.838 F
BEGIN WATER	27.9 GAL
BEGIN WATER	1.647 IN
END TIME	23:11
END DATE	12/06/1908
END GROSS	703.4 GAL
END NET	699.5 GAL
END LEVEL	15.228 IN
END TEMP	67.919 F
END WATER	27.9 GAL
END WATER	1.647 IN

HOURLY DATA

TIME	DEG F	GAL
19:31	67.850	727.37
20:31	67.877	727.37
21:31	67.894	727.37
22:31	67.912	727.42

SLOPE	0.02 GAL/HR
SLOPE LOW	0.02 GAL/HR
SLOPE HIGH	0.02 GAL/HR
TEST RESULTS	PASSED

BARC
BLDG. 029
BELTSVILLE, MD.
SITE # 00029

13/6/1908 07:44
LEAK TEST REPORT

TANK NO. 2 4000 GAL
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	18:31
TEST STARTED	12/06/1908
LAST DELIVERY	14:06
LAST DELIVERY	09/07/1901
% GROSS CAPACITY	57.18
BEGIN GROSS	2293.9 GAL
BEGIN NET	2283.7 GAL
BEGIN LEVEL	35.623 IN
BEGIN TEMP	69.719 F
BEGIN WATER	0.4 GAL
BEGIN WATER	0.101 IN
END TIME	21:31
END DATE	12/06/1908
END GROSS	2293.9 GAL
END NET	2283.7 GAL
END LEVEL	35.624 IN
END TEMP	69.767 F
END WATER	0.4 GAL
END WATER	0.101 IN

HOURLY DATA

TIME	DEG F	GAL
19:31	69.737	2284.15
20:31	69.753	2284.12
21:31	69.767	2284.14

SLOPE	0.00 GAL/HR
SLOPE LOW	0.00 GAL/HR
SLOPE HIGH	0.00 GAL/HR
TEST RESULTS	PASSED

166 6/13/08

BARC

BELTSVILLE, MD
SITE # 166

6/13/1908 06:41
LEAK TEST REPORT

TANK NO. 1 4000 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	17:12
TEST STARTED	06/12/1908
LAST DELIVERY	11:05
LAST DELIVERY	05/28/1908
% GROSS CAPACITY	62.88
BEGIN GROSS	2432.9 GAL
BEGIN NET	2436.3 GAL
BEGIN LEVEL	43.133 IN
BEGIN TEMP	58.032 F
BEGIN WATER	44.2 GAL
BEGIN WATER	2.649 IN
END TIME	19:47
END DATE	06/12/1908
END GROSS	2432.9 GAL
END NET	2436.3 GAL
END LEVEL	43.133 IN
END TEMP	58.039 F
END WATER	44.2 GAL
END WATER	2.649 IN

HOURLY DATA

TIME	DEG F	GAL
18:12	58.036	2480.46
19:12	58.038	2480.46

SLOPE	-0.01 GAL/HR
SLOPE LOW	-0.01 GAL/HR
SLOPE HIGH	-0.00 GAL/HR
TEST RESULTS	PASSED

BARC

BELTSVILLE, MD
SITE # 166

6/13/1908 06:42
LEAK TEST REPORT

TANK NO. 2 2500 GAL
DIESEL

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	99.0%
TEST STARTED	17:12
TEST STARTED	06/12/1908
LAST DELIVERY	11:09
LAST DELIVERY	04/30/1908
% GROSS CAPACITY	29.98
BEGIN GROSS	799.2 GAL
BEGIN NET	785.8 GAL
BEGIN LEVEL	24.468 IN
BEGIN TEMP	96.777 F
BEGIN WATER	30.9 GAL
BEGIN WATER	2.539 IN
END TIME	18:57
END DATE	06/12/1908
END GROSS	799.2 GAL
END NET	785.8 GAL
END LEVEL	24.468 IN
END TEMP	96.778 F
END WATER	30.9 GAL
END WATER	2.539 IN

HOURLY DATA

TIME	DEG F	GAL
18:12	96.780	816.69

SLOPE	0.01 GAL/HR
SLOPE LOW	0.00 GAL/HR
SLOPE HIGH	0.01 GAL/HR
TEST RESULTS	PASSED

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

06/12/2008 8:15 PM

LEAK TEST REPORT

TANK 2 4000.0 GAL

DIESEL

LEAK TEST	0.200 GPH
LEAK THRESHOLD	0.100 GPH
CONFIDENCE LEVEL	99.0%
TEST STARTED	5:15 PM
TEST STARTED	06/12/2008
LAST DELIVERY	8:22 AM
LAST DELIVERY	05/28/2008
GROSS CAPACITY	42.7%
BEGIN GROSS	1706.7 GAL
BEGIN NET	1701.7 GAL
BEGIN LEVEL	28.323 IN
BEGIN TEMP	66.401 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	8:15 PM
END DATE	06/12/2008
END GROSS	1706.6 GAL
END NET	1701.6 GAL
END LEVEL	28.322 IN
END TEMP	66.433 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
6:15 PM	66.412	1701.67
7:15 PM	66.423	1701.65
8:15 PM	66.433	1701.59

SLOPE	-0.035 GAL/HR
SLOPE LOW	-0.036 GAL/HR
SLOPE HIGH	-0.033 GAL/HR
TEST RESULT	PASSED

SLOPE EQUALS CALCULATED LEAK RATE

INCON
INTELLIGENT CONTROLS INC
P. O. BOX 638
SACO ME 04072
1-800-984-6266

06/12/2008 8:15 PM

LEAK TEST REPORT

TANK 2 4000.0 GAL

GASOLINE

LEAK TEST	0.200 GPH
LEAK THRESHOLD	0.100 GPH
CONFIDENCE LEVEL	99.0%
TEST STARTED	5:15 PM
TEST STARTED	06/12/2008
LAST DELIVERY	12:15 PM
LAST DELIVERY	05/28/2008
GROSS CAPACITY	71.2%
BEGIN GROSS	2849.5 GAL
BEGIN NET	2867.1 GAL
BEGIN LEVEL	42.953 IN
BEGIN TEMP	51.199 F
BEGIN WATER	3.9 GAL
BEGIN WATER	0.605 IN
END TIME	8:15 PM
END DATE	06/12/2008
END GROSS	2849.6 GAL
END NET	2867.2 GAL
END LEVEL	42.954 IN
END TEMP	51.194 F
END WATER	3.9 GAL
END WATER	0.605 IN

HOURLY DATA

TIME	DEG F	GAL
6:15 PM	51.224	2871.11
7:15 PM	51.230	2871.04
8:15 PM	51.194	2871.16

SLOPE	0.031 GAL/HR
SLOPE LOW	0.028 GAL/HR
SLOPE HIGH	0.035 GAL/HR
TEST RESULT	PASSED

SLOPE EQUALS CALCULATED LEAK RATE

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

6/13/2008 06:52 AM
LEAK TEST REPORT

TANK NO. 1 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	4:46 PM
TEST STARTED	06/12/2008
LAST DELIVERY	12:43 PM
LAST DELIVERY	05/28/2008
% GROSS CAPACITY	64.44
BEGIN GROSS	5044.9 GAL
BEGIN NET	5042.3 GAL
BEGIN LEVEL	55.934 IN
BEGIN TEMP	60.736 F
BEGIN WATER	0.0 GAL
BEGIN WATER	0.000 IN
END TIME	8:51 PM
END DATE	06/12/2008
END GROSS	5044.9 GAL
END NET	5042.2 GAL
END LEVEL	55.934 IN
END TEMP	60.749 F
END WATER	0.0 GAL
END WATER	0.000 IN

HOURLY DATA

TIME	DEG F	GAL
5:46 PM	60.741	5042.28
6:46 PM	60.743	5042.27
7:46 PM	60.746	5042.26
8:46 PM	60.749	5042.25

SLOPE	-0.01 GAL/HR
SLOPE LOW	-0.01 GAL/HR
SLOPE HIGH	-0.01 GAL/HR
TEST RESULTS	PASSED

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

6/13/2008 06:53 AM
LEAK TEST REPORT

TANK NO. 2 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	4:46 PM
TEST STARTED	06/12/2008
LAST DELIVERY	11:07 AM
LAST DELIVERY	04/30/2008
% GROSS CAPACITY	49.62
BEGIN GROSS	995.2 GAL
BEGIN NET	989.2 GAL
BEGIN LEVEL	31.933 IN
BEGIN TEMP	68.612 F
BEGIN WATER	5.0 GAL
BEGIN WATER	0.824 IN
END TIME	6:16 PM
END DATE	06/12/2008
END GROSS	995.3 GAL
END NET	989.2 GAL
END LEVEL	31.935 IN
END TEMP	68.625 F
END WATER	5.0 GAL
END WATER	0.826 IN

HOURLY DATA

TIME	DEG F	GAL
5:46 PM	68.621	994.18

SLOPE	0.02 GAL/HR
SLOPE LOW	0.02 GAL/HR
SLOPE HIGH	0.02 GAL/HR
TEST RESULTS	PASSED

INCON BARC
PO BOX 638
SACO, ME 04072
SITE # 00001

6/13/2008 06:53 AM
LEAK TEST REPORT

TANK NO. 3 GAL
UNLEADED REG

THRESHOLD	0.10 GAL/HR
CONFIDENCE LEVEL	95.0%
TEST STARTED	4:46 PM
TEST STARTED	06/12/2008
LAST DELIVERY	11:06 AM
LAST DELIVERY	10/19/2005
% GROSS CAPACITY	92.51
BEGIN GROSS	508.8 GAL
BEGIN NET	505.9 GAL
BEGIN LEVEL	43.063 IN
BEGIN TEMP	68.089 F
BEGIN WATER	10.5 GAL
BEGIN WATER	2.354 IN
END TIME	5:46 PM
END DATE	06/12/2008
END GROSS	508.8 GAL
END NET	505.9 GAL
END LEVEL	43.063 IN
END TEMP	68.119 F
END WATER	10.5 GAL
END WATER	2.354 IN

HOURLY DATA

TIME	DEG F	GAL
5:46 PM	68.119	516.43

SLOPE	-0.01 GAL/HR
SLOPE LOW	-0.01 GAL/HR
SLOPE HIGH	-0.00 GAL/HR
TEST RESULTS	PASSED