TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

REVISED

PROJECT NO. HONEYWELL METROPOLIS, IL

Honeywell Pond B

Lot #: F9C130321

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Andrews Engineering, Inc.
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TESTAMERICA LABORATORIES, INC.

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January 7, 2010

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Case Narrative
LOT NUMBER: F9C130321
Revised

This report contains the analytical results for the 12 samples received under chain of custody by STL St. Louis on March 13, 2009. These samples are associated with your Honeywell Pond B project.

The analytical results included in this report meet all applicable quality control procedure requirements except as noted on the following page.

The test results in this report meet all NELAP requirements for parameters in which accreditations are held by STL St. Louis. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of this report.

All chemical analysis results are based upon sample as received, wet weight, unless noted otherwise. All radiochemistry results are based upon sample as dried and ground with the exception of tritium, unless requested wet weight by the client.

This report is revised to report Chemistry data on a wet-weight basis.

Observations/Nonconformances

Reference the chain of custody and condition upon receipt report for any variations on receipt conditions and temperature of samples on receipt.

ICP Metals

The samples were analyzed at a dilution due to high concentrations of target analytes. The reporting limit has been adjusted for the dilution since no analysis at a lesser dilution was performed.
Affected Samples:
F9C130321 (6): B-8

There were no nonconformances or observations noted with any other analysis on this lot.

METHODS SUMMARY

F9C130321

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Gamma Spectroscopy - Radium-226 & Hits	EML GA-01-R MOD	
Isotopic Thorium by Alpha Spectroscopy	EML A-01-R MOD	
Isotopic Uranium by Alpha Spectroscopy	EML A-01-R MOD	
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 1311/7470
Method D2216 Percent H2O Dry 105 Degrees C, Weigh	ASTM Moisture,	ASTM ASTM 2216
Paint Filter Test	SW846 9095	SW846 9095
Soil and Waste pH	SW846 9045C	SW846 DI-LEACHA
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 1311/3010

References:

ASTM Annual Book Of ASTM Standards.

EML "ENVIRONMENTAL MEASUREMENTS LABORATORY PROCEDURES MANUAL" HASL-300 28TH EDITION, VOLUME I and II DEPARTMENT OF ENERGY

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

F9C130321

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
K8H9F	001	B-1	03/10/09	15:30
K8H9M	002	B-2	03/11/09	10:00
K8H9T	004	B-3	03/11/09	11:15
K8H9W	005	B-4	03/11/09	13:15
K8H9X	006	B-8	03/11/09	13:34
K8H90	007	B-7	03/12/09	08:30
K8H91	008	B-6	03/12/09	09:30
K8H92	009	B-5 UPPER	03/12/09	11:45
K8H94	010	B-9	03/12/09	13:45
K8H95	011	B-10 UPPER	03/12/09	14:20
K8H97	012	B-5 LOWER	03/12/09	11:45
K8H98	013	B-10 LOWER	03/12/09	14:20

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Andrews Engineering, Inc.

Client Sample ID: B-1

TOTAL Metals

Lot-Sample #...: F9C130321-001 **Matrix.....:** SOLID
Date Sampled...: 03/10/09 15:30 **Date Received..:** 03/13/09
% Moisture.....: 32

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	**238**	**50.0**	**mg/kg**	**SW846 6010B**	**03/24-03/30/09**	**K8H9F1AC**
		Dilution Factor: 1		Analysis Time..: 15:28		

Andrews Engineering, Inc.

Client Sample ID: B-1

General Chemistry

Lot-Sample #...: F9C130321-001 **Work Order #...:** K8H9F **Matrix.....:** SOLID
Date Sampled...: 03/10/09 15:30 **Date Received..:** 03/13/09
% Moisture.....: 32

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**31.9**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**

Dilution Factor: 1 Analysis Time..: 00:00

Andrews Engineering, Inc.

Client Sample ID: B-2

TOTAL Metals

Lot-Sample #...: F9C130321-002 **Matrix.....:** SOLID
Date Sampled...: 03/11/09 10:00 **Date Received..:** 03/13/09
% Moisture.....: 40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	**240**	**50.0**	**mg/kg**	**SW846 6010B**	**03/24-03/30/09**	**K8H9M1AE**
		Dilution Factor: 1		Analysis Time..: 15:54		

Andrews Engineering, Inc.

Client Sample ID: B-2

TCLP Metals

Lot-Sample #...: F9C130321-002 **Matrix.....:** SOLID
Date Sampled...: 03/11/09 10:00 **Date Received..:** 03/13/09
Leach Date.....: 03/19/09 **Leach Batch #..:** P907808

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082119						
Silver	ND	20.0	ug/L	SW846 6010B	03/23-03/25/09	K8H9M1AG
		Dilution Factor: 1		Analysis Time..: 17:15		
Arsenic	**141**	**20.0**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H9M1AH**
		Dilution Factor: 1		Analysis Time..: 17:15		
Barium	**164 J**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H9M1AJ**
		Dilution Factor: 1		Analysis Time..: 17:15		
Cadmium	ND	10.0	ug/L	SW846 6010B	03/23-03/25/09	K8H9M1AK
		Dilution Factor: 1		Analysis Time..: 17:15		
Chromium	**22.9**	**20.0**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H9M1AL**
		Dilution Factor: 1		Analysis Time..: 17:15		
Lead	ND	40.0	ug/L	SW846 6010B	03/23-03/25/09	K8H9M1AM
		Dilution Factor: 1		Analysis Time..: 17:15		
Selenium	ND	30.0	ug/L	SW846 6010B	03/23-03/25/09	K8H9M1AN
		Dilution Factor: 1		Analysis Time..: 17:15		
Prep Batch #...: 9086057						
Mercury	**0.24 B**	**1.0**	**ug/L**	**SW846 7470A**	**03/27/09**	**K8H9M1AP**
		Dilution Factor: 1		Analysis Time..: 12:22		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Andrews Engineering, Inc.

Client Sample ID: B-2

General Chemistry

Lot-Sample #...: F9C130321-002 **Work Order #...:** K8H9M **Matrix.....:** SOLID
Date Sampled...: 03/11/09 10:00 **Date Received..:** 03/13/09
% Moisture.....: 40

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (solid)	**11.7**	**0.10**	**No Units**	**SW846 9045C**	**04/02/09**	**9092105**
		Dilution Factor: 1		Analysis Time..: 00:00		
Paint Filter Test	**CNF**		**No Units**	**SW846 9095**	**03/17/09**	**9076331**
		Dilution Factor: 1		Analysis Time..: 00:00		
Percent Moisture	**39.7**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit
CNF Contains No Free Liquid

Andrews Engineering, Inc.

Client Sample ID: B-3

TOTAL Metals

Lot-Sample #...: F9C130321-004 **Matrix.....:** SOLID
Date Sampled...: 03/11/09 11:15 **Date Received..:** 03/13/09
% Moisture.....: 36

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	**323**	**50.0**	**mg/kg**	**SW846 6010B**	**03/24-03/30/09**	**K8H9T1AC**
		Dilution Factor: 1		Analysis Time..: 16:00		

Andrews Engineering, Inc.

Client Sample ID: B-3

General Chemistry

Lot-Sample #...: F9C130321-004 **Work Order #...:** K8H9T **Matrix.....:** SOLID
Date Sampled...: 03/11/09 11:15 **Date Received..:** 03/13/09
% Moisture.....: 36

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**35.8**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**

Dilution Factor: 1 Analysis Time..: 00:00

Andrews Engineering, Inc.

Client Sample ID: B-4

TOTAL Metals

Lot-Sample #...: F9C130321-005 **Matrix.....:** SOLID
Date Sampled...: 03/11/09 13:15 **Date Received..:** 03/13/09
% Moisture.....: 28

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	**214**	**50.0**	**mg/kg**	**SW846 6010B**	**03/24-03/30/09**	**K8H9W1AC**
		Dilution Factor: 1		Analysis Time..: 16:07		

Andrews Engineering, Inc.

Client Sample ID: B-4

General Chemistry

Lot-Sample #...: F9C130321-005 **Work Order #...:** K8H9W **Matrix.....:** SOLID
Date Sampled...: 03/11/09 13:15 **Date Received..:** 03/13/09
% Moisture.....: 28

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**28.0**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**

Dilution Factor: 1 Analysis Time..: 00:00

Andrews Engineering, Inc.

Client Sample ID: B-8

TOTAL Metals

Lot-Sample #...: F9C130321-006 **Matrix.....:** SOLID
Date Sampled...: 03/11/09 13:34 **Date Received..:** 03/13/09
% Moisture.....: 35

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	**1950**	**250**	**mg/kg**	**SW846 6010B**	**03/24-03/31/09**	**K8H9X1AC**
		Dilution Factor: 5		Analysis Time..: 08:05		

Andrews Engineering, Inc.

Client Sample ID: B-8

General Chemistry

Lot-Sample #...: F9C130321-006 **Work Order #...:** K8H9X **Matrix.....:** SOLID
Date Sampled...: 03/11/09 13:34 **Date Received..:** 03/13/09
% Moisture.....: 35

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**34.5**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**

Dilution Factor: 1 Analysis Time..: 00:00

Andrews Engineering, Inc.

Client Sample ID: B-7

TOTAL Metals

Lot-Sample #...: F9C130321-007 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 08:30 **Date Received..:** 03/13/09
% Moisture.....: 40

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	**289**	**50.0**	**mg/kg**	**SW846 6010B**	**03/24-03/30/09**	**K8H901AC**
		Dilution Factor: 1		Analysis Time..: 16:32		

Andrews Engineering, Inc.

Client Sample ID: B-7

General Chemistry

Lot-Sample #...: F9C130321-007 **Work Order #...:** K8H90 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 08:30 **Date Received..:** 03/13/09
% Moisture.....: 40

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**39.6**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**

Dilution Factor: 1 Analysis Time..: 00:00

Andrews Engineering, Inc.

Client Sample ID: B-6

TOTAL Metals

Lot-Sample #...: F9C130321-008 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 09:30 **Date Received..:** 03/13/09
% Moisture.....: 39

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	**206**	**50.0**	**mg/kg**	**SW846 6010B**	**03/24-03/30/09**	**K8H911AC**
		Dilution Factor: 1		Analysis Time..: 16:39		

Andrews Engineering, Inc.

Client Sample ID: B-6

General Chemistry

Lot-Sample #...: F9C130321-008 **Work Order #...:** K8H91 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 09:30 **Date Received..:** 03/13/09
% Moisture.....: 39

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**38.7**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**

Dilution Factor: 1 Analysis Time..: 00:00

Andrews Engineering, Inc.

Client Sample ID: B-5 UPPER

TOTAL Metals

Lot-Sample #...: F9C130321-009 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 11:45 **Date Received..:** 03/13/09
% Moisture.....: 43

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	**340**	**50.0**	**mg/kg**	**SW846 6010B**	**03/24-03/30/09**	**K8H921AE**
		Dilution Factor: 1		Analysis Time..: 16:45		

Andrews Engineering, Inc.

Client Sample ID: B-5 UPPER

TCLP Metals

Lot-Sample #...: F9C130321-009 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 11:45 **Date Received..:** 03/13/09
Leach Date.....: 03/19/09 **Leach Batch #..:** P907808

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082119						
Silver	ND	20.0	ug/L	SW846 6010B	03/23-03/25/09	K8H921AG
		Dilution Factor: 1		Analysis Time..: 17:41		
Arsenic	ND	20.0	ug/L	SW846 6010B	03/23-03/25/09	K8H921AH
		Dilution Factor: 1		Analysis Time..: 17:41		
Barium	**40.8 B,J**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H921AJ**
		Dilution Factor: 1		Analysis Time..: 17:41		
Cadmium	ND	10.0	ug/L	SW846 6010B	03/23-03/25/09	K8H921AK
		Dilution Factor: 1		Analysis Time..: 17:41		
Chromium	**11.0 B**	**20.0**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H921AL**
		Dilution Factor: 1		Analysis Time..: 17:41		
Lead	ND	40.0	ug/L	SW846 6010B	03/23-03/25/09	K8H921AM
		Dilution Factor: 1		Analysis Time..: 17:41		
Selenium	ND	30.0	ug/L	SW846 6010B	03/23-03/25/09	K8H921AN
		Dilution Factor: 1		Analysis Time..: 17:41		
Prep Batch #...: 9086057						
Mercury	ND	1.0	ug/L	SW846 7470A	03/27/09	K8H921AP
		Dilution Factor: 1		Analysis Time..: 12:32		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Andrews Engineering, Inc.

Client Sample ID: B-5 UPPER

General Chemistry

Lot-Sample #...: F9C130321-009 **Work Order #...:** K8H92 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 11:45 **Date Received..:** 03/13/09
% Moisture.....: 43

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (solid)	**12.1**	**0.10**	**No Units**	**SW846 9045C**	**04/02/09**	**9092105**
		Dilution Factor: 1		Analysis Time..: 00:00		
Paint Filter Test	**CNF**		**No Units**	**SW846 9095**	**03/17/09**	**9076331**
		Dilution Factor: 1		Analysis Time..: 00:00		
Percent Moisture	**43.1**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

CNF Contains No Free Liquid

Andrews Engineering, Inc.

Client Sample ID: B-9

TOTAL Metals

Lot-Sample #...: F9C130321-010 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 13:45 **Date Received..:** 03/13/09
% Moisture.....: 37

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	**308**	**50.0**	**mg/kg**	**SW846 6010B**	**03/24-03/30/09**	**K8H941AC**
		Dilution Factor: 1		Analysis Time..: 16:52		

Andrews Engineering, Inc.

Client Sample ID: B-9

General Chemistry

Lot-Sample #...: F9C130321-010 **Work Order #...:** K8H94 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 13:45 **Date Received..:** 03/13/09
% Moisture.....: 37

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**37.1**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**

Dilution Factor: 1 Analysis Time..: 00:00

Andrews Engineering, Inc.

Client Sample ID: B-10 UPPER

TOTAL Metals

Lot-Sample #...: F9C130321-011 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 14:20 **Date Received..:** 03/13/09
% Moisture.....: 37

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	195	**50.0**	**mg/kg**	**SW846 6010B**	**03/24-03/30/09**	**K8H951AE**
		Dilution Factor: 1		Analysis Time..: 16:58		

Andrews Engineering, Inc.

Client Sample ID: B-10 UPPER

TCLP Metals

Lot-Sample #...: F9C130321-011 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 14:20 **Date Received..:** 03/13/09
Leach Date.....: 03/19/09 **Leach Batch #..:** P907808

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082119						
Silver	ND	20.0	ug/L	SW846 6010B	03/23-03/25/09	K8H951AG
		Dilution Factor: 1		Analysis Time..: 17:47		
Arsenic	**81.6**	**20.0**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H951AH**
		Dilution Factor: 1		Analysis Time..: 17:47		
Barium	**161 J**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H951AJ**
		Dilution Factor: 1		Analysis Time..: 17:47		
Cadmium	ND	10.0	ug/L	SW846 6010B	03/23-03/25/09	K8H951AK
		Dilution Factor: 1		Analysis Time..: 17:47		
Chromium	**35.9**	**20.0**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H951AL**
		Dilution Factor: 1		Analysis Time..: 17:47		
Lead	ND	40.0	ug/L	SW846 6010B	03/23-03/25/09	K8H951AM
		Dilution Factor: 1		Analysis Time..: 17:47		
Selenium	ND	30.0	ug/L	SW846 6010B	03/23-03/25/09	K8H951AN
		Dilution Factor: 1		Analysis Time..: 17:47		
Prep Batch #...: 9086057						
Mercury	**0.34 B**	**1.0**	**ug/L**	**SW846 7470A**	**03/27/09**	**K8H951AP**
		Dilution Factor: 1		Analysis Time..: 12:34		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Andrews Engineering, Inc.

Client Sample ID: B-10 UPPER

General Chemistry

Lot-Sample #...: F9C130321-011 **Work Order #...:** K8H95 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 14:20 **Date Received..:** 03/13/09
% Moisture.....: 37

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (solid)	**12.4**	**0.10**	**No Units**	**SW846 9045C**	**04/02/09**	**9092105**
		Dilution Factor: 1		Analysis Time..: 00:00		
Paint Filter Test	**CNF**		**No Units**	**SW846 9095**	**03/17/09**	**9076331**
		Dilution Factor: 1		Analysis Time..: 00:00		
Percent Moisture	**37.0**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

CNF Contains No Free Liquid

Andrews Engineering, Inc.

Client Sample ID: B-5 LOWER

TOTAL Metals

Lot-Sample #...: F9C130321-012 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 11:45 **Date Received..:** 03/13/09
% Moisture.....: 46

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	321	**50.0**	**mg/kg**	**SW846 6010B**	**03/24-03/30/09**	**K8H971AE**
		Dilution Factor: 1		Analysis Time..: 17:05		

Andrews Engineering, Inc.

Client Sample ID: B-5 LOWER

TCLP Metals

Lot-Sample #...: F9C130321-012 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 11:45 **Date Received..:** 03/13/09
Leach Date.....: 03/19/09 **Leach Batch #..:** P907808

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082119						
Silver	ND	20.0	ug/L	SW846 6010B	03/23-03/25/09	K8H971AG
		Dilution Factor: 1		Analysis Time..: 18:07		
Arsenic	ND	20.0	ug/L	SW846 6010B	03/23-03/25/09	K8H971AH
		Dilution Factor: 1		Analysis Time..: 18:07		
Barium	**59.1 B,J**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H971AJ**
		Dilution Factor: 1		Analysis Time..: 18:07		
Cadmium	ND	10.0	ug/L	SW846 6010B	03/23-03/25/09	K8H971AK
		Dilution Factor: 1		Analysis Time..: 18:07		
Chromium	**14.7 B**	**20.0**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H971AL**
		Dilution Factor: 1		Analysis Time..: 18:07		
Lead	ND	40.0	ug/L	SW846 6010B	03/23-03/25/09	K8H971AM
		Dilution Factor: 1		Analysis Time..: 18:07		
Selenium	ND	30.0	ug/L	SW846 6010B	03/23-03/25/09	K8H971AN
		Dilution Factor: 1		Analysis Time..: 18:07		
Prep Batch #...: 9086057						
Mercury	ND	1.0	ug/L	SW846 7470A	03/27/09	K8H971AP
		Dilution Factor: 1		Analysis Time..: 12:36		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Andrews Engineering, Inc.

Client Sample ID: B-5 LOWER

General Chemistry

Lot-Sample #...: F9C130321-012 **Work Order #...:** K8H97 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 11:45 **Date Received..:** 03/13/09
% Moisture.....: 46

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (solid)	**12.4**	**0.10**	**No Units**	**SW846 9045C**	**04/02/09**	**9092105**
		Dilution Factor: 1		Analysis Time..: 00:00		
Paint Filter Test	**CNF**		**No Units**	**SW846 9095**	**03/17/09**	**9076331**
		Dilution Factor: 1		Analysis Time..: 00:00		
Percent Moisture	**45.6**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

CNF Contains No Free Liquid

Andrews Engineering, Inc.

Client Sample ID: B-10 LOWER

TOTAL Metals

Lot-Sample #...: F9C130321-013 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 14:20 **Date Received..:** 03/13/09
% Moisture.....: 42

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082045						
Uranium	**297**	**50.0**	**mg/kg**	**SW846 6010B**	**03/24-03/30/09**	**K8H981AE**
		Dilution Factor: 1		Analysis Time..: 17:11		

Andrews Engineering, Inc.

Client Sample ID: B-10 LOWER

TCLP Metals

Lot-Sample #...: F9C130321-013 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 14:20 **Date Received..:** 03/13/09
Leach Date.....: 03/19/09 **Leach Batch #..:** P907808

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 9082119						
Silver	ND	20.0	ug/L	SW846 6010B	03/23-03/25/09	K8H981AG
		Dilution Factor: 1		Analysis Time..: 18:13		
Arsenic	**11.5 B**	**20.0**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H981AH**
		Dilution Factor: 1		Analysis Time..: 18:13		
Barium	**103 J**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H981AJ**
		Dilution Factor: 1		Analysis Time..: 18:13		
Cadmium	ND	10.0	ug/L	SW846 6010B	03/23-03/25/09	K8H981AK
		Dilution Factor: 1		Analysis Time..: 18:13		
Chromium	**16.9 B**	**20.0**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8H981AL**
		Dilution Factor: 1		Analysis Time..: 18:13		
Lead	ND	40.0	ug/L	SW846 6010B	03/23-03/25/09	K8H981AM
		Dilution Factor: 1		Analysis Time..: 18:13		
Selenium	ND	30.0	ug/L	SW846 6010B	03/23-03/25/09	K8H981AN
		Dilution Factor: 1		Analysis Time..: 18:13		
Prep Batch #...: 9086057						
Mercury	ND	1.0	ug/L	SW846 7470A	03/27/09	K8H981AP
		Dilution Factor: 1		Analysis Time..: 12:38		

NOTE(S):

Analysis performed in accordance with USEPA Toxicity Characteristic Leaching Procedure Method 1311

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Andrews Engineering, Inc.

Client Sample ID: B-10 LOWER

General Chemistry

Lot-Sample #...: F9C130321-013 **Work Order #...:** K8H98 **Matrix.....:** SOLID
Date Sampled...: 03/12/09 14:20 **Date Received..:** 03/13/09
% Moisture.....: 42

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (solid)	**12.5**	**0.10**	**No Units**	**SW846 9045C**	**04/02/09**	**9092105**
		Dilution Factor: 1		Analysis Time..: 00:00		
Paint Filter Test	**CNF**		**No Units**	**SW846 9095**	**03/17/09**	**9076331**
		Dilution Factor: 1		Analysis Time..: 00:00		
Percent Moisture	**41.9**	**0.10**	**%**	**ASTM Moisture, %**	**04/01-04/02/09**	**9092179**
		Dilution Factor: 1		Analysis Time..: 00:00		

NOTE(S):

RL Reporting Limit

CNF Contains No Free Liquid

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: F9C130321 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F9C230000-045 **Prep Batch #...:** 9082045						
Uranium	ND	50.0	mg/kg	SW846 6010B	03/24-03/30/09	K80JR1AA
		Dilution Factor: 1				
		Analysis Time..: 15:15				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TCLP Metals

Client Lot #...: F9C130321 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: F9C190000-320 **Prep Batch #...:** 9086057						
Leach Date.....: 03/19/09 **Leach Batch #..:** P907808						
Mercury	ND	1.0	ug/L	SW846 7470A	03/27/09	K8R3M1AJ
		Dilution Factor: 1				
		Analysis Time..: 12:18				
MB Lot-Sample #: F9C190000-320 **Prep Batch #...:** 9082119						
Leach Date.....: 03/19/09 **Leach Batch #..:** P907808						
Arsenic	ND	20.0	ug/L	SW846 6010B	03/23-03/25/09	K8R3M1AC
		Dilution Factor: 1				
		Analysis Time..: 17:02				
Barium	**3.1 B**	**100**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8R3M1AD**
		Dilution Factor: 1				
		Analysis Time..: 17:02				
Cadmium	ND	10.0	ug/L	SW846 6010B	03/23-03/25/09	K8R3M1AE
		Dilution Factor: 1				
		Analysis Time..: 17:02				
Chromium	ND	20.0	ug/L	SW846 6010B	03/23-03/25/09	K8R3M1AF
		Dilution Factor: 1				
		Analysis Time..: 17:02				
Lead	**3.7 B**	**40.0**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8R3M1AG**
		Dilution Factor: 1				
		Analysis Time..: 17:02				
Selenium	**7.1 B**	**30.0**	**ug/L**	**SW846 6010B**	**03/23-03/25/09**	**K8R3M1AH**
		Dilution Factor: 1				
		Analysis Time..: 17:02				
Silver	ND	20.0	ug/L	SW846 6010B	03/23-03/25/09	K8R3M1AA
		Dilution Factor: 1				
		Analysis Time..: 17:02				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: F9C130321 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F9C230000-045 **Prep Batch #...:** 9082045					
Uranium	104	(80 - 120)	SW846 6010B	03/24-03/30/09	K80JR1AC
		Dilution Factor: 1	Analysis Time..: 15:22		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: F9C130321 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: F9C230000-119 **Prep Batch #...:** 9082119					
Silver	105	(80 - 120)	SW846 6010B	03/23-03/25/09	K80NX1AA
		Dilution Factor: 1		Analysis Time..: 17:09	
Arsenic	106	(80 - 120)	SW846 6010B	03/23-03/25/09	K80NX1AC
		Dilution Factor: 1		Analysis Time..: 17:09	
Barium	108	(80 - 120)	SW846 6010B	03/23-03/25/09	K80NX1AD
		Dilution Factor: 1		Analysis Time..: 17:09	
Cadmium	106	(80 - 120)	SW846 6010B	03/23-03/25/09	K80NX1AE
		Dilution Factor: 1		Analysis Time..: 17:09	
Chromium	102	(80 - 120)	SW846 6010B	03/23-03/25/09	K80NX1AF
		Dilution Factor: 1		Analysis Time..: 17:09	
Lead	104	(80 - 120)	SW846 6010B	03/23-03/25/09	K80NX1AG
		Dilution Factor: 1		Analysis Time..: 17:09	
Selenium	107	(80 - 120)	SW846 6010B	03/23-03/25/09	K80NX1AH
		Dilution Factor: 1		Analysis Time..: 17:09	
LCS Lot-Sample#: F9C270000-057 **Prep Batch #...:** 9086057					
Mercury	95	(80 - 120)	SW846 7470A	03/27/09	K87061AA
		Dilution Factor: 1		Analysis Time..: 12:20	

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: F9C130321 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (solid)		Work Order #: K9GAF1AA	LCS Lot-Sample#: F9D020000-105		
	100	(99 - 101)	SW846 9045C	04/02/09	9092105
		Dilution Factor: 1	Analysis Time..: 00:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: F9C130321 **Matrix.....:** SOLID
Date Sampled...: 03/10/09 15:30 **Date Received..:** 03/13/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F9C130321-001 **Prep Batch #...:** 9082045						**% Moisture.....:** 32	
Uranium	78	(75 - 125)			SW846 6010B	03/24-03/30/09	K8H9F1AE
	111	(75 - 125)	9.9	(0-30)	SW846 6010B	03/24-03/30/09	K8H9F1AF
		Dilution Factor: 1					
		Analysis Time..: 15:41					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: F9C130321 **Matrix.....:** SOLID
Date Sampled...: 03/10/09 15:30 **Date Received..:** 03/13/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F9C130321-001 **Prep Batch #...:** 9082045									
								% Moisture.....: 32	
Uranium									
	238	100	316	mg/kg	78		SW846 6010B	03/24-03/30/09	K8H9F1AE
	238	100	349	mg/kg	111	9.9	SW846 6010B	03/24-03/30/09	K8H9F1AF
			Dilution Factor: 1						
			Analysis Time..: 15:41						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: F9C130321 **Matrix.....:** SOLID
Date Sampled...: 03/11/09 10:00 **Date Received..:** 03/13/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F9C130321-002 **Prep Batch #...:** 9082119							
Leach Date.....: 03/19/09 **Leach Batch #..:** P907808							
Arsenic	100	(75 - 125)			SW846 6010B	03/23-03/25/09	K8H9M1A0
	101	(75 - 125)	0.92	(0-20)	SW846 6010B	03/23-03/25/09	K8H9M1A1
		Dilution Factor: 1					
		Analysis Time..: 17:28					
Barium	109	(75 - 125)			SW846 6010B	03/23-03/25/09	K8H9M1A2
	107	(75 - 125)	1.5	(0-20)	SW846 6010B	03/23-03/25/09	K8H9M1A3
		Dilution Factor: 1					
		Analysis Time..: 17:28					
Cadmium	93	(75 - 125)			SW846 6010B	03/23-03/25/09	K8H9M1A4
	93	(75 - 125)	0.60	(0-20)	SW846 6010B	03/23-03/25/09	K8H9M1A5
		Dilution Factor: 1					
		Analysis Time..: 17:28					
Chromium	94	(75 - 125)			SW846 6010B	03/23-03/25/09	K8H9M1A6
	94	(75 - 125)	0.23	(0-20)	SW846 6010B	03/23-03/25/09	K8H9M1A7
		Dilution Factor: 1					
		Analysis Time..: 17:28					
Lead	91	(75 - 125)			SW846 6010B	03/23-03/25/09	K8H9M1A8
	91	(75 - 125)	0.32	(0-20)	SW846 6010B	03/23-03/25/09	K8H9M1A9
		Dilution Factor: 1					
		Analysis Time..: 17:28					
Selenium	95	(75 - 125)			SW846 6010B	03/23-03/25/09	K8H9M1CA
	95	(75 - 125)	0.42	(0-20)	SW846 6010B	03/23-03/25/09	K8H9M1CC
		Dilution Factor: 1					
		Analysis Time..: 17:28					
Silver	106	(75 - 125)			SW846 6010B	03/23-03/25/09	K8H9M1AW
	104	(75 - 125)	1.1	(0-20)	SW846 6010B	03/23-03/25/09	K8H9M1AX
		Dilution Factor: 1					
		Analysis Time..: 17:28					

MS Lot-Sample #: F9C130321-002 **Prep Batch #...:** 9086057
Leach Date.....: 03/19/09 **Leach Batch #..:** P907808
(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TCLP Metals

Client Lot #...: F9C130321 **Matrix.....:** SOLID
Date Sampled...: 03/11/09 10:00 **Date Received..:** 03/13/09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	94	(70 - 130)			SW846 7470A	03/27/09	K8H9M1CD
	95	(70 - 130)	1.5	(0-20)	SW846 7470A	03/27/09	K8H9M1CE

Dilution Factor: 1
Analysis Time..: 12:24

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: F9C130321 **Matrix.....:** SOLID
Date Sampled...: 03/11/09 10:00 **Date Received..:** 03/13/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: F9C130321-002 **Prep Batch #...:** 9082119									
Leach Date.....: 03/19/09 **Leach Batch #..:** P907808									
Arsenic									
	141	2000	2140	ug/L	100		SW846 6010B	03/23-03/25/09	K8H9M1A0
	141	2000	2150	ug/L	101	0.92	SW846 6010B	03/23-03/25/09	K8H9M1A1
			Dilution Factor: 1						
			Analysis Time..: 17:28						
Barium									
	164	2000	2340	ug/L	109		SW846 6010B	03/23-03/25/09	K8H9M1A2
	164	2000	2310	ug/L	107	1.5	SW846 6010B	03/23-03/25/09	K8H9M1A3
			Dilution Factor: 1						
			Analysis Time..: 17:28						
Cadmium									
	ND	2000	1850	ug/L	93		SW846 6010B	03/23-03/25/09	K8H9M1A4
	ND	2000	1860	ug/L	93	0.60	SW846 6010B	03/23-03/25/09	K8H9M1A5
			Dilution Factor: 1						
			Analysis Time..: 17:28						
Chromium									
	22.9	2000	1900	ug/L	94		SW846 6010B	03/23-03/25/09	K8H9M1A6
	22.9	2000	1890	ug/L	94	0.23	SW846 6010B	03/23-03/25/09	K8H9M1A7
			Dilution Factor: 1						
			Analysis Time..: 17:28						
Lead									
	ND	2000	1820	ug/L	91		SW846 6010B	03/23-03/25/09	K8H9M1A8
	ND	2000	1830	ug/L	91	0.32	SW846 6010B	03/23-03/25/09	K8H9M1A9
			Dilution Factor: 1						
			Analysis Time..: 17:28						
Selenium									
	ND	2000	1900	ug/L	95		SW846 6010B	03/23-03/25/09	K8H9M1CA
	ND	2000	1910	ug/L	95	0.42	SW846 6010B	03/23-03/25/09	K8H9M1CC
			Dilution Factor: 1						
			Analysis Time..: 17:28						
Silver									
	ND	200	211	ug/L	106		SW846 6010B	03/23-03/25/09	K8H9M1AW
	ND	200	209	ug/L	104	1.1	SW846 6010B	03/23-03/25/09	K8H9M1AX
			Dilution Factor: 1						
			Analysis Time..: 17:28						

MS Lot-Sample #: F9C130321-002 **Prep Batch #...:** 9086057
Leach Date.....: 03/19/09 **Leach Batch #..:** P907808

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TCLP Metals

Client Lot #...: F9C130321 **Matrix.....:** SOLID
Date Sampled...: 03/11/09 10:00 **Date Received..:** 03/13/09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	0.24	25.0	23.6	ug/L	94		SW846 7470A	03/27/09	K8H9M1CD
	0.24	25.0	24.0	ug/L	95	1.5	SW846 7470A	03/27/09	K8H9M1CE

Dilution Factor: 1
Analysis Time..: 12:24

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F9C130321 **Work Order #...:** K8H9M-SMP K8H9M-DUP **Matrix.....:** SOLID

Date Sampled...: 03/11/09 10:00 **Date Received..:** 03/13/09

% Moisture.....: 40

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Paint Filter Test						SD Lot-Sample #: F9C130321-002		
		No	Units	0	(0-0.0)	SW846 9095	03/17/09	9076331

Dilution Factor: 1 Analysis Time..: 00:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: F9C130321 **Work Order #...:** K8H98-SMP K8H98-DUP **Matrix.....:** SOLID

Date Sampled...: 03/12/09 14:20 **Date Received..:** 03/13/09

% Moisture.....: 42

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #: F9C130321-013		
	41.9	41.4	%	1.2	(0-0.0)	ASTM Moisture, %	04/01-04/02/09	9092179
		Dilution Factor: 1				Analysis Time..: 00:00		
pH (solid)						SD Lot-Sample #: F9C130321-013		
	12.5	12.6	No Units	0.48	(0-0.0)	SW846 9045C	04/02/09	9092105
		Dilution Factor: 1				Analysis Time..: 00:00		

Andrews Engineering, Inc.

Client Sample ID: B-2

Radiochemistry

Lab Sample ID: F9C130321-002
Work Order: K8H9M
Matrix: SOLID

Date Collected: 03/11/09 1000
Date Received: 03/13/09 1415

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
Gamma Ra-226 & Hits By DOE GA-010R MOD				pCi/g	GA-01-R MOD			
Bismuth 214	1.36		0.48	0.45	03/19/09	04/09/09	9078501	
Lead 212	0.50		0.23	0.28	03/19/09	04/09/09	9078501	
Lead 214	1.36		0.31	0.34	03/19/09	04/09/09	9078501	
Protactinium 234M	186		33	10	03/19/09	04/09/09	9078501	
Protactinium 231	-0.8	U	2.7	4.7	03/19/09	04/09/09	9078501	
Radium (226)	1.36		0.48	0.45	03/19/09	04/09/09	9078501	
Thorium 232	0.28	U	0.32	0.51	03/19/09	04/09/09	9078501	
Thorium 234	171		16	8	03/19/09	04/09/09	9078501	
Uranium 235	9.4		1.4	1.2	03/19/09	04/09/09	9078501	
Iso URANIUM (SHORT CT) DOE A-01-R MOD				pCi/g	A-01-R MOD			
Uranium 234	154		18	2	03/31/09	04/01/09	9090482	80
Uranium 235/236	11.2		3.8	1.9	03/31/09	04/01/09	9090482	80
Uranium 238	170		19	2	03/31/09	04/01/09	9090482	80
Iso THORIUM (SHORT CT) DOE A-01-R MOD				pCi/g	A-01-R MOD			
Thorium 228	0.53		0.25	0.21	04/14/09	04/17/09	9104146	81
Thorium 230	8.4		1.1	0.2	04/14/09	04/17/09	9104146	81
Thorium 232	0.35		0.20	0.16	04/14/09	04/17/09	9104146	81

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

Andrews Engineering, Inc.

Client Sample ID: B-5 UPPER

Radiochemistry

Lab Sample ID: F9C130321-009
Work Order: K8H92
Matrix: SOLID

Date Collected: 03/12/09 1145
Date Received: 03/13/09 1415

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
Gamma Ra-226 & Hits By DOE GA-010R MOD				**pCi/g**	**GA-01-R MOD**			
Bismuth 214	**0.69**		**0.29**	**0.28**	**03/19/09**	**04/09/09**	**9078501**	
Lead 212	**0.33**		**0.20**	**0.23**	**03/19/09**	**04/09/09**	**9078501**	
Lead 214	**0.65**		**0.20**	**0.24**	**03/19/09**	**04/09/09**	**9078501**	
Protactinium 234M	**159**		**28**	**12**	**03/19/09**	**04/09/09**	**9078501**	
Protactinium 231	1.1	U	1.5	2.6	03/19/09	04/09/09	9078501	
Radium (226)	**0.69**		**0.29**	**0.28**	**03/19/09**	**04/09/09**	**9078501**	
Thorium 232	0.23	U	0.28	0.45	03/19/09	04/09/09	9078501	
Thorium 234	**156**		**14**	**6**	**03/19/09**	**04/09/09**	**9078501**	
Uranium 235	**7.77**		**0.99**	**0.99**	**03/19/09**	**04/09/09**	**9078501**	
Iso URANIUM (SHORT CT) DOE A-01-R MOD				**pCi/g**	**A-01-R MOD**			
Uranium 234	**130**		**16**	**2**	**03/31/09**	**04/01/09**	**9090482**	**75**
Uranium 235/236	**10.3**		**3.7**	**1.3**	**03/31/09**	**04/01/09**	**9090482**	**75**
Uranium 238	**135**		**16**	**2**	**03/31/09**	**04/01/09**	**9090482**	**75**
Iso THORIUM (SHORT CT) DOE A-01-R MOD				**pCi/g**	**A-01-R MOD**			
Thorium 228	0.16	U	0.15	0.20	04/14/09	04/17/09	9104146	77
Thorium 230	**7.1**		**1.0**	**0.1**	**04/14/09**	**04/17/09**	**9104146**	**77**
Thorium 232	**0.24**		**0.16**	**0.15**	**04/14/09**	**04/17/09**	**9104146**	**77**

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

Andrews Engineering, Inc.

Client Sample ID: B-10 UPPER

Radiochemistry

Lab Sample ID: F9C130321-011
Work Order: K8H95
Matrix: SOLID

Date Collected: 03/12/09 1420
Date Received: 03/13/09 1415

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
Gamma Ra-226 & Hits By DOE GA-01R MOD				pCi/g	GA-01-R MOD			
Bismuth 214	**0.75**		0.28	0.36	03/19/09	04/09/09	9078501	
Lead 212	0.06	U	0.15	0.27	03/19/09	04/09/09	9078501	
Lead 214	**1.28**		0.37	0.35	03/19/09	04/09/09	9078501	
Protactinium 234M	**191**		32	9	03/19/09	04/09/09	9078501	
Protactinium 231	-0.02	U	2.3	4.2	03/19/09	04/09/09	9078501	
Radium (226)	**0.75**		0.28	0.36	03/19/09	04/09/09	9078501	
Thorium 232	0.12	U	0.35	0.63	03/19/09	04/09/09	9078501	
Thorium 234	**180**		16	8	03/19/09	04/09/09	9078501	
Uranium 235	**9.1**		1.1	1.2	03/19/09	04/09/09	9078501	
Iso URANIUM (SHORT CT) DOE A-01-R MOD				pCi/g	A-01-R MOD			
Uranium 234	**142**		17	2	03/31/09	04/01/09	9090482	80
Uranium 235/236	**9.5**		3.4	1.2	03/31/09	04/01/09	9090482	80
Uranium 238	**148**		17	2	03/31/09	04/01/09	9090482	80
Iso THORIUM (SHORT CT) DOE A-01-R MOD				pCi/g	A-01-R MOD			
Thorium 228	**0.19**		0.14	0.12	04/14/09	04/17/09	9104146	76
Thorium 230	**3.56**		0.66	0.12	04/14/09	04/17/09	9104146	76
Thorium 232	**0.16**		0.13	0.12	04/14/09	04/17/09	9104146	76

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

Andrews Engineering, Inc.

Client Sample ID: B-5 LOWER

Radiochemistry

Lab Sample ID: F9C130321-012
Work Order: K8H97
Matrix: SOLID

Date Collected: 03/12/09 1145
Date Received: 03/13/09 1415

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
Gamma Ra-226 & Hits By DOE GA-010R MOD				**pCi/g**	**GA-01-R MOD**			
Bismuth 214	0.89		0.30	0.33	03/19/09	04/09/09	9078501	
Lead 212	0.26	U	0.22	0.36	03/19/09	04/09/09	9078501	
Lead 214	1.14		0.33	0.38	03/19/09	04/09/09	9078501	
Protactinium 234M	200		30	7	03/19/09	04/09/09	9078501	
Protactinium 231	0.0	U	2.4	4.2	03/19/09	04/09/09	9078501	
Radium (226)	0.89		0.30	0.33	03/19/09	04/09/09	9078501	
Thorium 232	0.20	U	0.26	0.42	03/19/09	04/09/09	9078501	
Thorium 234	204		18	8	03/19/09	04/09/09	9078501	
Uranium 235	10.2		1.2	1.2	03/19/09	04/09/09	9078501	
--- Other Detected Radionuclides ---								
Potassium 40	4.6		1.7	2.3	03/19/09	04/09/09	9078501	
Iso URANIUM (SHORT CT) DOE A-01-R MOD				**pCi/g**	**A-01-R MOD**			
Uranium 234	174		19	2	03/31/09	04/01/09	9090482	82
Uranium 235/236	11.5		3.8	1.6	03/31/09	04/01/09	9090482	82
Uranium 238	176		20	1	03/31/09	04/01/09	9090482	82
Iso THORIUM (SHORT CT) DOE A-01-R MOD				**pCi/g**	**A-01-R MOD**			
Thorium 228	0.17	U	0.15	0.18	04/14/09	04/17/09	9104146	79
Thorium 230	9.0		1.2	0.2	04/14/09	04/17/09	9104146	79
Thorium 232	0.23		0.17	0.20	04/14/09	04/17/09	9104146	79

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

Andrews Engineering, Inc.

Client Sample ID: B-10 LOWER

Radiochemistry

Lab Sample ID: F9C130321-013
Work Order: K8H98
Matrix: SOLID

Date Collected: 03/12/09 1420
Date Received: 03/13/09 1415

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Batch #	Yld %
Gamma Ra-226 & Hits By DOE GA-01OR MOD				**pCi/g**	**GA-01-R MOD**			
Bismuth 214	**0.76**		**0.29**	**0.32**	**03/19/09**	**04/09/09**	**9078501**	
Lead 212	0.09	U	0.16	0.28	03/19/09	04/09/09	9078501	
Lead 214	**0.72**		**0.27**	**0.38**	**03/19/09**	**04/09/09**	**9078501**	
Protactinium 234M	**153**		**30**	**10**	**03/19/09**	**04/09/09**	**9078501**	
Protactinium 231	0.02	U	2.1	3.9	03/19/09	04/09/09	9078501	
Radium (226)	**0.76**		**0.29**	**0.32**	**03/19/09**	**04/09/09**	**9078501**	
Thorium 232	0.04	U	0.30	0.57	03/19/09	04/09/09	9078501	
Thorium 234	**122**		**12**	**7**	**03/19/09**	**04/09/09**	**9078501**	
Uranium 235	**6.8**		**1.1**	**1.1**	**03/19/09**	**04/09/09**	**9078501**	
Iso URANIUM (SHORT CT) DOE A-01-R MOD				**pCi/g**	**A-01-R MOD**			
Uranium 234	**88**		**11**	**2**	**03/31/09**	**04/01/09**	**9090482**	**87**
Uranium 235/236	**7.1**		**2.9**	**1.7**	**03/31/09**	**04/01/09**	**9090482**	**87**
Uranium 238	**86**		**11**	**2**	**03/31/09**	**04/01/09**	**9090482**	**87**
Iso THORIUM (SHORT CT) DOE A-01-R MOD				**pCi/g**	**A-01-R MOD**			
Thorium 228	0.034	U	0.095	0.19	04/14/09	04/17/09	9104146	76
Thorium 230	**2.64**		**0.56**	**0.19**	**04/14/09**	**04/17/09**	**9104146**	**76**
Thorium 232	0.007	U	0.079	0.19	04/14/09	04/17/09	9104146	76

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

METHOD BLANK REPORT

Radiochemistry

Client Lot ID: F9C130321
Matrix: SOLID

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	MDC	Prep Date	Analysis Date	Lab Sample ID Batch #	Yld %
Gamma Ra-226 & Hits By DOE GA-010R MOD			**pCi/g**	**GA-01-R MOD**			**F9C190000-501B**	
Bismuth 214	0.068	U	0.064	0.11	03/19/09	04/09/09	9078501	
Lead 212	0.011	U	0.054	0.10	03/19/09	04/09/09	9078501	
Lead 214	0.053	U	0.072	0.13	03/19/09	04/09/09	9078501	
Protactinium 234M	-0.2	U	4.3	8.1	03/19/09	04/09/09	9078501	
Protactinium 231	-0.33	U	0.91	1.6	03/19/09	04/09/09	9078501	
Radium (226)	0.068	U	0.064	0.11	03/19/09	04/09/09	9078501	
Thorium 232	0.0004	U	0.12	0.23	03/19/09	04/09/09	9078501	
Thorium 234	-0.27	U	0.92	1.3	03/19/09	04/09/09	9078501	
Uranium 235	0.02	U	0.14	0.25	03/19/09	04/09/09	9078501	
Iso THORIUM (SHORT CT) DOE A-01-R MOD			**pCi/g**	**A-01-R MOD**			**F9D140000-146B**	
Thorium 228	-0.01	U	0.039	0.11	04/14/09	04/17/09	9104146	77
Thorium 230	0.057	U	0.055	0.060	04/14/09	04/17/09	9104146	77
Thorium 232	0.0008	U	0.026	0.075	04/14/09	04/17/09	9104146	77
Iso URANIUM (SHORT CT) DOE A-01-R MOD			**pCi/g**	**A-01-R MOD**			**F9C310000-482B**	
Uranium 234	0.089		**0.063**	**0.030**	**03/31/09**	**04/01/09**	9090482	**84**
Uranium 235/236	0.028	U	0.039	0.037	03/31/09	04/01/09	9090482	84
Uranium 238	0.078		**0.059**	**0.030**	**03/31/09**	**04/01/09**	9090482	**84**

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined using instrument performance only
Bold results are greater than the MDC

Laboratory Control Sample Report

Radiochemistry

Client Lot ID: F9C130321
Matrix: SOLID

Parameter	Spike Amount	Result	Total Uncert. (2 σ+/-)	MDC	% Yld	% Rec	Lab Sample ID QC Control Limits
Gamma Ra-226 & Hits By DOE GA-010R MOD	**pCi/g**			**GA-01-R MOD**			**F9C190000-501C**
Radium (226)	12.2	10.8	1.0	0.4		89	(82 - 110)
Thorium 232	9.50	10.6	1.1	0.7		111	(89 - 130)
	Batch #:	9078501		**Analysis Date:**	04/09/09		
Iso URANIUM (SHORT CT) DOE A-01-R MOD	**pCi/g**			**A-01-R MOD**			**F9C310000-482C**
Uranium 234	19.4	18.5	2.9	0.4	90	95	(69 - 125)
Uranium 238	19.4	17.0	2.7	0.4	90	88	(68 - 121)
	Batch #:	9090482		**Analysis Date:**	04/01/09		
Iso THORIUM (SHORT CT) DOE A-01-R MOD	**pCi/g**			**A-01-R MOD**			**F9D140000-146C**
Thorium 230	58.5	63.5	7.2	0.5	78	108	(83 - 126)
	Batch #:	9104146		**Analysis Date:**	04/17/09		

NOTE(S)
MDC is determined by instrument performance only

DUPLICATE EVALUATION REPORT

Radiochemistry

Client Lot ID: F9C130321
Matrix: SOLID

Date Sampled: 03/12/09
Date Received: 03/13/09

Parameter	SAMPLE Result		Total Uncert. (2σ +/-)	% Yld	DUPLICATE Result		Total Uncert. (2 σ +/-)	% Yld	QC Sample ID Precision	
Iso URANIUM (SHORT CT) DOE A-01-R MOD			**pCi/g**		**A-01-R MOD**				**F9C130321-009**	
Uranium 234	130		16	75	144		17	79	10	%RPD
Uranium 235/236	10.3		3.7	75	6.5		2.8	79	46	%RPD
Uranium 238	135		16	75	138		16	79	2	%RPD
	Batch #:		9090482	(Sample)	9090482	(Duplicate)				
Gamma Ra-226 & Hits By DOE GA-01R MOD			**pCi/g**		**GA-01-R MOD**				**F9C130321-002**	
Bismuth 214	1.36		0.48		1.31		0.29		4	%RPD
Lead 212	0.50		0.23		0.41		0.21		19	%RPD
Lead 214	1.36		0.31		1.56		0.32		13	%RPD
Protactinium 231	-0.8	U	2.7		-0.04	U	2.0		181	%RPD
Protactinium 234M	186		33		172		30		8	%RPD
Radium (226)	1.36		0.48		1.31		0.29		4	%RPD
Thorium 232	0.28	U	0.32		0.24	U	0.26		19	%RPD
Thorium 234	171		16		166		15		3	%RPD
Uranium 235	9.4		1.4		9.0		1.2		5	%RPD
	Batch #:		9078501	(Sample)	9078501	(Duplicate)				
Iso THORIUM (SHORT CT) DOE A-01-R MOD			**pCi/g**		**A-01-R MOD**				**F9C130321-002**	
Thorium 228	0.53		0.25	81	0.29		0.18	77	58	%RPD
Thorium 230	8.4		1.1	81	7.8		1.1	77	7	%RPD
Thorium 232	0.35		0.20	81	0.23		0.15	77	42	%RPD
	Batch #:		9104146	(Sample)	9104146	(Duplicate)				

NOTE(S)

Data are incomplete without the case narrative.
Calculations are performed before rounding to avoid round-off error in calculated results

LOT # F9C130321-REV

Chain of Custody Record

CLR 343

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ANDREWS ENGINEERING	SEAN CHISEK	3/13/2009	101842
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 2
3300 GINGER CREK DRIVE	217-622-3084		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
SPRINGFIELD / IL / 62711	W. BRINES	ROMANKO	
Project Name and Location (State)	**Carrier/Waybill Number**		
HONEYWELL METROPOLIS, IL			
Contract/Purchase Order/Quote No.			
91-135-11/0002			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Sludge	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: Total U	% Moisture	RCRA TCLP Metals	Paint Filter	TCLP Metals	Cations	pH	Special Instructions/ Conditions of Receipt
B-1	3-10-09	1530					X							X	X						100 G
B-2 upper	3-11-09	1000					X							X	X	X	X	X	X	X	250 G
B-2 Lower	3-11-09	1015					X							X	X	X	X	X	X	X	250 G
B-3	3-11-09	1115					X							X	X						100 G
B-4	3-11-09	1315					X							X	X						100 G
B-8	3-11-09	1334					X							X	X						100 G (x2)
B-7	3-12-09	0830					X							X	X						100 G
B-6	3-12-09	0930					X							X	X						100 G
B-5 upper	3-12-09	1145					X							X	X	X	X	X	X	X	250 G (x2)
B-9	3-12-09	1345					X							X	X						100 G
B-10 upper	3-12-09	1420					X							X	X	X	X	X	X	X	250 G (x2)

Possible Hazard Identification
☐ Non-Hazard ☒ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Relinquished By	Date	Time	Received By	Date	Time
1.	Sean Chisek	3/13/09	1040		3/13/09	1040
2.		3-13-09	1415		3-13-09	1415
3.						

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

CVR 343

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
ANDREWS ENGINEERING	SEAN CHISEK	3/13/2009	101843
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 2 of 2
3300 GINGER CREEK DRIVE	217-622-3084		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
SPRINGFIELD / IL / 62711	W. GRIMES	ROMANKO	
Project Name and Location (State)	**Carrier/Waybill Number**		
HONEYWELL METROPOLIS, IL			
Contract/Purchase Order/Quote No.			
91-135-11/0002			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Sludge	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: TCLP VOA	TCLP SVOA	RCRA TCLP METALS	PAINT FILTER	ISOTOPES (ATTACHED)	PH	TOX	Special Instructions/ Conditions of Receipt
B-5 Lower	3-12-09	1145					X							X	X	X	X	X	X		250 G (x2)
B-10 Lower	3-12-09	1420					X							X	X	X	X	X	X		250 G (x2)
408	3/12/09	0939			X															X	125 G
119	3/13/09	0930			X															X	
124	3/13/09	0932			X															X	
120	3/13/09	0935			X															X	
409	3/11/09	0837			X															X	

Possible Hazard Identification
☐ Non-Hazard ☒ Flammable ☒ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other Standard

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Sean Chisek	3/13/09	1040	1. Received By:	3-12-09	1040
2. Relinquished By:	3/12/09	1415	2. Received By:	3-13-09	14:15
3. Relinquished By:			3. Received By:		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Lot #(s): F9C130321 328

CONDITION UPON RECEIPT FORM

Client: Honeywell

Quote No: 81890/80525

COC/RFA No: see below 343

Initiated By: CR Date: 3/13/09 Time: 1415

Shipping Information

Shipper: FedEx UPS DHL Courier (Client) Other: _____ Multiple Packages: (Y) N

Shipping # (s):*				Sample Temperature (s):**			
1.		6.		1.	2	6.	
2.		7.		2.	2	7.	
3.		8.		3.		8.	
4.		9.		4.		9.	
5.		10.		5.		10.	

*Numbered shipping lines correspond to Numbered Sample Temp lines

**Sample must be received at 4°C ± 2°C- If not, note contents below. Temperature variance does NOT affect the following: Metals-Liquid or Rad tests- Liquid or Solids

Condition (Circle "Y" for yes, "N" for no and "N/A" for not applicable):

1.	Y (N)	Are there custody seals present on the cooler?	8.	Y (N)	Are there custody seals present on bottles?
2.	Y N (N/A)	Do custody seals on cooler appear to be tampered with?	9.	Y N (N/A)	Do custody seals on bottles appear to be tampered with?
3.	(Y) N	Were contents of cooler frisked after opening, but before unpacking?	10.	Y N (N/A)	Was sample received with proper pH[1]? (If not, make note below)
4.	(Y) N	Sample received with Chain of Custody?	11.	(Y) N	Sample received in proper containers?
5.	(Y) (N) N/A	Does the Chain of Custody match sample ID's on the container(s)? CR 3/13/09	12.	Y N (N/A)	Headspace in VOA or TOX liquid samples? (If Yes, note sample ID's below)
6.	Y (N)	Was sample received broken?	13.	Y N (N/A)	Was Internal COC/Workshare received?
7.	(Y) N	Is sample volume sufficient for analysis?	14.	Y N (N/A)	Was pH taken by original TestAmerica lab?

[1] For DOE-AL (Pantex, LANL, Sandia) sites, pH of ALL containers received must be verified, EXCEPT VOA, TOX and soils.

Notes: LCI 81842
LCI 81843

Samples 408
119
124
120
409
} go on quote 80525 per TR all other Samples go on lot 81890

B2 has No upper or lower id - per email from S. Chisek, (3/17/09) log B2 AS ONE SAMPLE

Corrective Action:
☐ Client Contact Name: _____ Informed by: _____
☐ Sample(s) processed "as is"
☐ Sample(s) on hold until: _____ If released, notify: _____
Project Management Review: VJL Date: 3/24/09

THIS FORM MUST BE COMPLETED AT THE TIME THE ITEMS ARE BEING CHECKED IN. IF ANY ITEM IS COMPLETED BY SOMEONE OTHER THAN THE INITIATOR, THEN THAT PERSON IS REQUIRED TO APPLY THEIR INITIAL AND THE DATE NEXT TO THAT ITEM.
ADMIN-0004, REVISED 10/21/08 \\Slsvr01\QA\FORMS\ST-LOUIS\ADMIN\Admin004 rev11.doc

Brunson, Angela

From: Romanko, Terry
Sent: Tuesday, March 17, 2009 10:10 AM
To: St. Louis Sample Control
Subject: FW: Honeywell Pond Sampling

For the Honeywell sample in the PCB, please log it as a single sample with ID of "B-2". Use 3/11/09 at 10:00 as the sample date/time.

Terry Romanko
(314)298-8566 (office)

-----Original Message-----
From: Sean Chisek [mailto:schisek@andrews-eng.com]
Sent: Tuesday, March 17, 2009 10:07 AM
To: Romanko, Terry
Subject: RE: Honeywell Pond Sampling

One sample. B-2. Thanks.

From: Romanko, Terry [mailto:Terry.Romanko@testamericainc.com]
Sent: Tue 3/17/2009 8:58 AM
To: Sean Chisek
Subject: RE: Honeywell Pond Sampling

I just want to confirm what to do with the B-2 sample jars. Should we consider the two jars as one sample and just call it "B-2", or should we consider them as two samples, and call them "B-2A" and B-2B"?

Terry Romanko
(314)298-8566 (office)

-----Original Message----
From: Sean Chisek [mailto:schisek@andrews-eng.com]
Sent: Tuesday, March 17, 2009 8:37 AM
To: Romanko, Terry
Subject: Honeywell Pond Sampling

Hello Terry. Are we squared away regarding the samples we sent in last week Friday?

Also, I'd just like the standard TAT. I know the decay isotopes have a longer TAT compared to say TCLP metals.