



Analytical Report

Serialized: 04/25/2013 02:02pm

ANTHONY DECICCO
HAMMONTON WATER DEPARTMENT
100 CENTRAL AVENUE

HAMMONTON, NJ 08037-1676

Regarding:

HAMMONTON WATER DEPARTMENT
100 CENTRAL AVENUE
HAMMONTON, NJ 08037-1676

PROJECT ID:

AP0142

LABORATORY REPORT NUMBER:

L4525182



A handwritten signature in black ink that reads 'Oommen V. Kappil'.

Authorized by: Oommen V. Kappil, QA Director

QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
ACL Div: NELAP ID's: PA 68-335, NJ DE568; State ID's: DE 00011, MD 138
Vineland Div: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
Wind Gap Div: State ID's: PA 48-01334, NJ PA001
E. Rutherford Div: State ID: NJ 02015

ANTHONY DECICCO
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Regarding:
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 HAMMONTON WATER DEPARTMENT
 100 CENTRAL AVENUE
 HAMMONTON, NJ 08037-1676

Account No: AP0142, HAMMONTON WATER DEPARTMENT
Project No: AP0142, HAMMONTON WATER DEPARTMENT

P.O. No:
Inv. No: 1508012
PWSID No: 0113001

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L4525182-2	DEPE DRINKING WATER - TP003010 WELL 5 TREATED Received Date/Time 04/03/13 09:00pm	04/03/13 10:58am NA C	Sheri L. Smith, Qc Laboratories

Parameter	Method	Result	RLs	Test Date, Time, Analyst
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SUBCONTRACT

GROSS ALPHA RADIUM 228	ATTACHED ATTACHED
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*** STATE FORMS SENT ELECTRONICALLY ***

Sample ID	Sample Description	Samp. Date/Time/Temp	Sampled by
L4525182-3	TP003010 WELL 5, RAW Received Date/Time 04/03/13 09:00pm	04/03/13 10:55am NA C	Sheri L. Smith, Qc Laboratories

Parameter	Method	Result	RLs	Test Date, Time, Analyst
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SUBCONTRACT

GROSS ALPHA RADIUM 228	ATTACHED ATTACHED
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Notes:

A result of "ND" indicates that the analyte tested was either not detected or the concentration was below the RLs.
 Definitions: NEG=negative; POS=positive; COL=colonies; RLs=laboratory reporting limits; L/A=laboratory accident; TNTC= Too numerous to count; pres=presumptive
 A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
 MCL= EPA recommended "maximum contaminant level", PLs = Customer-specific permit limits.
 The test results meet all requirements of NELAC unless otherwise specified.
 The report shall not be reproduced except in full without the written consent of the laboratory.
 Unless otherwise specified, the Environmental and Food Chemistry testing except Field Parameters were performed by QC Inc. located at 1205 Industrial Blvd., Southampton, PA 18966; Pharmaceutical, Dairy and Food Microbiological tests were performed by QC Inc. located at 702 Electronic Dr., Horsham, PA 19044.
 QCL Accreditations: Southampton Div: EPA ID PA00018; NELAP ID's: PA 09-00131, NJ PA166, NY 11223
 State ID's: CT PH-0768, DE PA-018, MD 206, SC 89021001; FDA Reg. # : 2515238
 ACL Div: State ID's: DE 00011, MD 138; Wind Gap Div: State ID's: PA 48-01334, NJ PA001
 E. Rutherford Div: State ID: NJ 02015; Vineland Div: State ID: NJ 06005; Reading Div: State ID: PA 06-03543
 The reported results relate only to the samples.

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All samples are collected as "grab" samples unless otherwise identified.

Regulatory authorities are assessing substantial fines for testing omissions. Please track your sample collections and results on a weekly, monthly, or quarterly basis to ensure compliance. QC's internet program 'LIVE ACCESS' will provide you with real-time access to collection dates and results. Please contact Customer Service for further information on acquiring LIVE ACCESS.



ANTHONY DECICCO
HAMMONTON WATER DEPARTMENT
100 CENTRAL AVENUE

PickSheet: P4525182
Cust: AP0142
Schd: 38919

P.O. #: MONDAY 04/01/13 - 06/30/13
Project Name: HAMMONTON WATER DEPARTMENT
Start Date: 02/01/05 Stop Date:

Printed on: 03/27/13

HAMMONTON, NJ 08037
(609)567-4332
(609)517-2268 ANTHONY DECICCO-CELL

	Sample	Collect	Received	Tested	Complete
Date	4/3/13				
Time	1058				
By	SLC				
Temp.	°C	°C		°C	App.

Route: 24

Temp	Site	Initials	Iced?
9.39°C	✓	SLC	YES NO
°C			YES NO

X: -74.80066 Y: 39.63626 PWSID: 0113001

Sample Date/Time

ToT # Btls BR CL PH

4525182-1 ALPHA) DEPE DRINKING WATER - TPO02007 WELL 4 ALPHA, FORM STATE, RADIUM 228	off						
4525182-2 ALPHA) DEPE DRINKING WATER - TPO03010 WELL.5 ALPHA, FORM STATE, RADIUM 228	Treated	1058				6.69 pH	
4525182-3 Alpha Radium 228 RAW well tap well 5 th No State Forms	well house Sink	1055				6.00 pH	

Dept.	Relinquished By	Time	Date
	Shirley Smith	1550	4/3/13

Dept.	Relinquished To	Time	Date
	UPS	1550	4/3/13

_____ Ascorbic/HCL Vials # _____ HCL Vials
_____ Na2-S2-O3 _____
_____ Na OH/Zn acetate pH _____
_____ HNO3 pH _____
_____ H2-SO4 pH _____
_____ NaOH pH _____
_____ Unpreserved # _____ HCL pH _____

Hours of Operation:

M: 07:00-18:00 T: 07:00-18:00 W: 07:00-18:00 Th: 07:00-18:00 F: 07:00-18:00 St: - Sn: -

Health Dept:



1205 Industrial Blvd. Phone: 215-355-3900
 Southampton, PA 18966-0514 Fax: 215-355-7231

CHAIN OF CUSTODY

Page ____ of ____

Lab LIMS No: **L4525182**

MATRIX CODES

Client/Acct. No. _____
 Address _____
 City/State/Zip **same as above**
 Phone/Fax _____
 Client Contact **Nick Smith**

Bill to/Report to: (if different)

Sampling Site Address: (if different)

P.O. No.

QC Contact

LAB USE ONLY:

___ Ascorbic/HCl Vials # ___ HCl Vials
 # ___ Na₂S₂O₃ _____
 # ___ Na OH/Zn acetate pH _____
 # ___ HNO₃ pH _____
 # ___ H₂SO₄ pH _____
 # ___ NaOH pH _____
 # ___ Unpreserved _____
 # ___ Hcl pH _____
 # ___ Temp control ___ ID# _____

DW: DRINKING WATER
 GW: GROUND WATER
 WW: WASTEWATER
 SO: SOIL
 SL: SLUDGE
 OIL: OIL
 SOL: NON SOIL SOLID
 MI: MISCELLANEOUS
 X: OTHER

PROJECT	Collection		G R A B	C O M P	Matrix Code	Number of Containers																
	Date	Military Time				Total	H 2 O	H C l	Y e s	H N O 3	N a O H	Z n A c	U r i e	B a c t								
FIELD ID																						
SLS 4525182-2	4/3/13	1059	X																			
SLS 4525182-3	4/3/13	1055	X																			

ANALYSIS REQUESTED

Alpha Radium 228
Alpha Radium 228

Field pH, Temp (C or F),
 DO, Cl₂, S. Cond. etc.

SAMPLED BY: (Name/Company)

Shane Smith
QC LABS

Verbal/fax data due: _____

Hardcopy due: _____

Please call for pricing and availability on rush (<14-21 day) turnaround and on all but standard format.

Report Format: Standard Forms

Standard + QC NJ Reduced Disk

Field Parameters Analyzed By:

Sig:

Shane Smith

Date/Time:

SAMPLE CUSTODY EXCHANGES MUST BE DOCUMENTED BELOW. USE FULL LEGAL SIGNATURE, DATE AND MILITARY TIME (24 HOUR CLOCK, I.E. 8AM IS 0800, 4 PM IS 1600).

RELINQUISHED BY SAMPLER	DATE	TIME	RECEIVED BY	DATE	TIME	DELIVERY METHOD: <input type="checkbox"/> QC COURIER <input type="checkbox"/> CLIENT	Custody Seal Number
1. Shane Smith	4/3/13	1550	UPS	4/3/13	1550	<input type="checkbox"/> UPS <input type="checkbox"/> FEDEX <input type="checkbox"/> OTHER _____	
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	COMMENTS: 48 HR NJ Protocol	
2			2				
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME		
3			3				
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME		
4			4				
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME		
5			5				

Hazardous: yes / no

For example to aid completion, see reverse side.

FINAL REPORT

QC LABORATORIES
FIELD SERVICE REQUEST FORM
Mar 27 2013, 10:02 am

ANTHONY DECICCO
HAMMONTON WATER DEPARTMENT
100 CENTRAL AVENUE
HAMMONTON, NJ 08037-1676

Project No.: AP0142
Phone: (609) 567-4332
Fax: (609) 567-4352
Cell: () -

Primary Driver: SLS

Service Date: 04/02/13 To 04/03/13

Open: 08:00AM Close: 04:00PM

SAMPLING

Delivery Charge:

Day of Week: TUE, WED

Sampling Instructions:
RADIONUCLIDES AT WELL 5 RAW & FINISHED

Contact: .

Bottle Prep: FIELD SERVICE TO PREPARE

Rush Samples:

Service to be performed at:

PLERASE TAKE A RADIONUCLIDE SAMPLE FROM WELL 5 RAW & FINISHED THAHKS
VNU

Requested by: Lorraine McCarthy Ext:
Entry date: 03/27/13 10:02AM

Call received: 03/27/13 09:56AM

Field Service Request No.: FS188252
Service Time: 15 minutes
Equip Code: DW



Inter-Laboratory Transport Form: VN040313

Coolers for Transport from VINELAND

To be completed by person sealing coolers					Complete Section Upon Delivery	
Cooler ID No.	Custody Seal No.	Date	Time	Initials	Temp °C	Iced Y/N
429wn	040313-1	4-3-13	18:40	GAH	2.8	Yes
37x	-2				-0.8	Yes
928	-3				-0.7	Yes
31	-4				7.4	Yes
19	-5				0.4	Yes
10	-6				-1.0	Yes
11	-7				-1.0	Yes
21	-8				0.5	Yes
55	-9				0.6	Yes
	GAH	GAH	GAH	GAH		

Please Note the Following:

Individual sample chains of custody must accompany this form.

Once a cooler is sealed, custody seals may not be broken until samples are received at the designated QCL laboratory.

Laboratory use only

Custody Seals intact upon receipt?

Y N

Initials: *OW*

List ID of any seal found broken upon receipt below:

A full legal signature is required. Record all times in military time (24-HR Clock; 4:00 PM=1600)

Relinquished by: <i>[Signature]</i>	Date: 4-3-13	Time: 00:45:13	Received by: <i>[Signature]</i>	Date: 4-3-13	Time: 21:00
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

04/17/13

Attn: Nicki Smith

pCi / Labs, Inc.

103 South Greenbush Road
Orangeburg, New York 10962

TEL: 845-680-0031 FAX: 845-680-0185

Report of Analysis

QC Laboratories

1205 Industrial Blvd

Southampton,

PA 18966-0514

NY Lab ID: NY 11765

NJ Lab ID: NY009

Work Order Number 38463

Received 04/04/13

Purchase Order

Sample No.	1	Type	W	Collection Date/Time	04/03/13 10:58 AM
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Sample identification 4525182-2; Well 5, Treated

Analysis	Count Date/Time	Activity	Uncertainty	MDA	Units	Procedure
RA-228	04/16/13 7:18 PM	0.61	0.50	0.80	pCi / L	NJ 1980
PWTA 48hr	04/05/13 2:02 AM	0.43	0.63	0.81	pCi / L	ECLS-R-GA

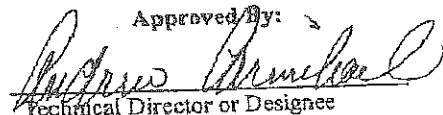
Sample No.	2	Type	W	Collection Date/Time	04/03/13 10:55 AM
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Sample identification 4525182-3; Well 5, Raw

Analysis	Count Date/Time	Activity	Uncertainty	MDA	Units	Procedure
RA-228	04/16/13 7:18 PM	-0.07	0.50	0.83	pCi / L	NJ 1980
PWTA 48hr	04/05/13 3:42 AM	20.94	2.74	1.17	pCi / L	ECLS-R-GA
PWTA Final	04/06/13 5:46 AM	18.60	2.52	0.67	pCi / L	ECLS-R-GA

Last Page of Report

Approved By:


Technical Director or Designee


Quality Assurance Manager or Designee

pCi/Labs, Inc. is approved as an Environmental Laboratory in conformance with the National Environmental Laboratory Accreditation Conference (NELAC) Standards. The above testing was performed for the purpose of complying with the Private Well Testing Act (PWTA) and N.J.A.C. 7:9E. The data results listed above were generated from the samples as received.