



**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
HAZARDOUS WASTE REPORTING FORM**

This form must be used as a cover sheet for the notices and reports, identified below as required by: (1) a facility's RCRA interim status closure plan; (2) the RCRA interim status regulations; or (3) a facility's RCRA permit. All reports must be submitted to the Illinois EPA's Bureau of Land Permit Section. This form is for use by Hazardous Waste facilities only. Reporting for Solid Waste facilities should be submitted on a separate Solid Waste Reporting Form. All reports submitted to the Illinois EPA's Bureau of Land Permit Section must contain an original, plus a minimum of two copies.

Notes: (1) This form may NOT be used for any request to modify a permit, an approved closure plan or sampling/analysis procedures. Modification requests must be submitted separately in the form of a permit application or closure plan modification request.

(2) This form is not to be used with permit or closure plan modification requests. Your permit or closure plan will state whether the document you are submitting is required as a report or a modification request.

Facility Name: Site ID#:
 Fed ID#:

Check one of the following, identifying the contents of your submittal:

- LPC-160 Forms
 - Quarterly Groundwater Data
 - Quarterly Leachate Data
 - Semi-Annual Groundwater Data
 - Semi-Annual Leachate Data
 - Annual Groundwater Data
 - Annual Leachate Data
- Groundwater Data (without LPC-160 Forms)
 - Quarterly
 - Semi-Annual
 - Annual
- Well Construction Forms or Boring Logs
- Well Survey Data
- Well Abandonment Forms
- Notice of Statistically Significant Evidence of Groundwater Contamination (35 Ill. Adm. Code 724.198)
- Notice of Exceedence of Groundwater Concentration Limit (35 Ill. Adm. Code 724.199(h))
- Notice of Alternate Source or Error in Sampling Analysis or Evaluation of Groundwater (35 Ill. Adm. Code 724.199(i))
- Gas Monitoring Reports

Other (identify):

January 27, 2011

Illinois Environmental Protection Agency
Reporting and Financial Assurance Unit
Bureau of Land – #33
1021 North Grand Avenue East
Springfield, Illinois 62794-9276

Re: 1278540002 – Massac County
Honeywell International Inc.
RCRA Part B Permit Radium-226 Results

Dear Agency Representative:

On behalf of our client, Honeywell International Inc. (Honeywell), and pursuant to Honeywell's RCRA Part B Permit No. B-65R, Condition III.F.4, submitted herein are the radium-226 monitoring results received during the third quarter 2010. Hard copy documentation of the submittal of these results to the Illinois EPA could not be located during a standard file review. Therefore, these results are being resubmitted to ensure Illinois EPA receipt of the data. This condition requires an analysis to determine the amount of radium-226 present in the sample if the concentration of gross alpha exceeds 5 pCi/L in any of the four replicate samples.

At wells G103 and G105 at least one of the four replicate samples contained gross alpha above 5 pCi/L. Therefore, in accordance with Condition III.F.4, the amount of radium-226 was analyzed at G103 and G105. The results are provided in Attachment A. The results range from 0.26 to 0.58 pCi/L, which is well below the Class I groundwater quality standard of 20 pCi/L (35 Ill. Adm. Code 620.410(a)).

Should you have any questions regarding this notification, please contact me at (217) 787-2334. Thank you.

Sincerely,



Kim E. Van Pelt
Environmental Scientist

KEV:kev:slm

Enclosure(s)

cc: Judy King – Honeywell International Inc., Metropolis

RECEIVED

JAN 27 2011

SECURITY DESK

4:00 PM

Attachment A

Third Quarter 2010 Radium-226 Results

Honeywell Global Business Services

Client Sample ID: G105

Radiochemistry

Lab Sample ID: FOH020411-001
 Work Order: L40QP
 Matrix: WATER

Date Collected: 07/15/10 1105
 Date Received: 08/02/10 0930

Parameter	Result	Qual	Total Uncert. (2 σ +/-)	RL	MDC	Prep Date	Analysis Date
Radium 226 by EPA 903.0 MOD				pCi/L		Batch # 0214183	Yld % 77
Radium (226)	0.45		0.19	1.00	0.19	08/02/10	08/17/10

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

Honeywell Global Business Services

Client Sample ID: G105

Radiochemistry

Lab Sample ID: FOG070463-001

Date Collected: 06/16/10 1515

Work Order: L3VX1

Date Received: 07/07/10 1130

Matrix: WATER

Parameter	Result	Qual	Total Uncert. (2 σ +/-)	RL	MDC	Prep Date	Analysis Date
Radium 226 by EPA 903.0 MOD				pCi/L		Batch # 0188270	Yld % 87
Radium (226)	0.26		0.15	1.00	0.19	07/07/10	07/22/10

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

Honeywell Global Business Services

Client Sample ID: G103

Radiochemistry

Lab Sample ID: FOH020411-002
 Work Order: L407V
 Matrix: WATER

Date Collected: 07/20/10 1045
 Date Received: 08/02/10 0930

Parameter	Result	Qual	Total Uncert. (2 σ +/-)	RL	MDC	Prep Date	Analysis Date
Radium 226 by EPA 903.0 MOD				pCi/L		Batch # 0214183	Yld % 92
Radium (226)	0.58		0.20	1.00	0.16	08/02/10	08/17/10

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC