



RCRA FACILITY GROUNDWATER, LEACHATE AND GAS 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 form. All reports submitted to the Illinois EPA's Bureau of Land Permit Section must contain an original, plus a minimum of two copies.

Note: This form is not to be used with permit or closure plan modification requests. The facility's approved permit or closure plan will state whether the document you are submitting is required as a report or a modification request.

Facility Name: Honeywell International, Inc. Site ID #: 1278540002
Facility Address: Highway 45 North, Metropolis, IL 62960 Fed ID #: ILD006278170

Check the appropriate heading. Only one heading may be checked for each corresponding submittal. Check the appropriate sub-heading, where applicable. Attach the original and all copies behind this form.

<input type="checkbox"/> LPC-160 Forms	
<input type="checkbox"/> <u>Groundwater</u>	<input type="checkbox"/> <u>Leachate</u>
<input type="checkbox"/> Quarterly – Indicate one: 1 2 3 4	<input type="checkbox"/> Quarterly – Indicate one: 1 2 3 4
<input type="checkbox"/> Semi-Annual	<input type="checkbox"/> Semi-Annual
<input type="checkbox"/> Annual	<input type="checkbox"/> Annual
<input type="checkbox"/> Biennial	<input type="checkbox"/> Biennial

Groundwater Data (without LPC-160 Forms)

<input type="checkbox"/> Quarterly – Indicate one: 1 2 3 4	
<input type="checkbox"/> Annual	<input type="checkbox"/> Semi-Annual
	<input type="checkbox"/> Biennial

Well Construction Information

<input type="checkbox"/> Well Construction Forms, Boring Logs and/or Abandonment Forms
<input type="checkbox"/> Well Survey Data (e.g., Stick-up Elevation Data)

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) Honeywell 3rdQtr09 Confirmed RCRA Part B Groundwater Report



September 11, 2009

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.
Third Quarter 2009 RCRA Part B Permit Confirmed Groundwater Monitoring Review

Dear Agency Representative:

On behalf of our client, Honeywell International, Inc. (Honeywell), submitted herein is a summary of the confirmed groundwater monitoring results for the third quarter 2009. This review is conducted in accordance with Honeywell's RCRA Part B Permit Groundwater Monitoring Program, Permit No. B-65R-M-10.

In accordance with Condition III.J.10.b of Permit No. B-65R-M-10, confirmation sampling for pH was conducted for wells G101, G102, R104, G106, G108, and R110. pH exceedences were not confirmed for third quarter 2009. Confirmation results for pH are included in Attachment A.

Conclusion

This review is conducted in accordance with the RCRA Part B Permit Groundwater Monitoring Program of Permit No. B-65R-M-10. As discussed previously, there are no confirmed exceedences for third quarter 2009.

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

Sincerely,

A handwritten signature in black ink that reads "Teresa N. Sharp". The signature is written in a cursive style.

Teresa N. Sharp
Environmental Scientist

TNS:tns:slm

Enclosure

cc: Richard Thomas – Honeywell International, Inc., Metropolis
Gene Thomas – Honeywell International, Inc., (w/o enclosure)
Chuck Gadelmann – Honeywell International, Inc.
Mara Hollinbeck – CH2M Hill

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Attachment A
Third Quarter 2009 Resample pH Results

Honeywell International, Inc.
Metropolis, Illinois

pH
3rdQtr09 Confirmed Statistical Review

pH Background Concentrations (units)	G-101								R-110							
	1Q01	2Q01	3Q01	4Q01	1Q02	2Q02	3Q02	4Q02	1Q01	2Q01	3Q01	4Q01	1Q02	2Q02	3Q02	4Q02
	7.13	6.48	6.33	6.11	6.62	6.53	6.45	6.63	7.31	6.04	5.79	5.51	6.20	6.18	5.99	6.24
	7.13	6.48	6.33	6.12	6.61	6.52	6.45	6.62	7.20	6.05	5.79	5.51	6.19	6.18	6.02	6.25
	7.29	6.49	6.33	6.12	6.63	6.53	6.46	6.65	7.31	6.05	5.79	5.51	6.19	6.18	6.02	6.25
	7.29	6.48	6.33	6.12	6.63	6.54	6.46	6.64	7.25	6.05	5.79	5.51	6.20	6.18	6.04	6.24
Background Quarterly Average	7.21	6.48	6.33	6.12	6.62	6.53	6.46	6.64	7.27	6.05	5.79	5.51	6.20	6.18	6.02	6.25

pH 3rdQtr09re Concentrations (units)	G-101				R-104		G-106		G-108		R-110	
	6.92	6.90	6.81	6.86	6.81	6.86	7.01	6.86	6.93	6.44	6.44	
	6.92	6.91	6.82	6.86	6.83	6.86	6.97	6.86	6.97	6.44	6.44	
Quarterly Average	6.92	6.91	6.82	6.86	6.86	6.97	6.97	6.86	6.97	6.44	6.44	

Background Statistics	
Number of Background Wells	2
Background Samples per Well	8
Background Average	6.351875
Background Standard Deviation	0.457149
Confidence Level	t_{total}
Degrees of Freedom	15

Average Replicate t-test	t^*	1.1897	0.9828	1.0783	1.3118
		2.9470	2.9470	2.9470	2.9470
Significant Increase	No	No	No	No	No

Notes:
Background average is the mean of all background quarterly averages.
Background standard deviation is the standard deviation of all background quarterly averages.