



Illinois  
Environmental  
Protection Agency

Bureau of Land  
1021 North Grand Avenue East  
Box 19276  
Springfield, IL 62794-9276

## 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: 2768 North U.S. 45 Road Fed ID #: ILD 006 278 170

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 checked="" type="checkbox"/>	LPC-160 Forms		
	<u>Groundwater</u>		<u>Leachate</u>
<input checked="" 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"/>	<input type="checkbox"/> Semi-Annual
	<input type="checkbox"/> Annual	<input type="checkbox"/>	<input type="checkbox"/> Annual
	<input type="checkbox"/> Biennial	<input type="checkbox"/>	<input type="checkbox"/> Biennial

Groundwater Data (without LPC-160 Forms)  
 Quarterly – Indicate one: 1 2 3 4  
 Annual                       Semi-Annual                       Biennial

Well Construction Information  
 Well Construction Forms, Boring Logs and/or Abandonment Forms  
 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) Report Cover for the RCRA regulated unit wells

Specialty Materials  
Honeywell  
P.O. Box 430  
Highway 45 North  
Metropolis, IL 62960  
618 524-2111  
618 524-6239 Fax

April 10, 2007

Certified Mail:  
7004 1350 0003 7046 3737

Steven Nightingale  
Permit Section Manager  
Illinois Environmental Protection Agency  
Division of Land Pollution Control  
1021 North Grand Avenue East  
Springfield, IL 62794-9276

RE: Honeywell Inc.  
Metropolis, Illinois  
ILD 006 278 170

Dear Mr. Nightingale:

The enclosed transmittal contains Honeywell Metropolis Works' results for the First Quarter 2007 RCRA groundwater monitoring event conducted on February 14<sup>th</sup> and 15<sup>th</sup> of 2007. These monitoring results are submitted in accordance with Operating Permit No. 1981-30-OP and Section III.J.2 of the Facility's RCRA Permit.

Honeywell is submitting its RCRA groundwater report as an electronic text file in accordance with Section III.J.8 of the Facility's RCRA permit. Enclosed is one diskette that contains two files identified as "RCRA-GW-1qtr2007-file 01" and "RCRA-GW-1qtr2007-file 02". These files contain all the required groundwater monitoring information as outlined in the Facility's RCRA permit. Additionally, included as Attachment A is a summary of the parameter results for each well sampled for this quarter's sampling event. Honeywell has also enclosed the statistical evaluation for RCRA groundwater monitoring data for this report quarter as Attachment B. As indicated in this attachment, the statistical evaluation of this RCRA groundwater monitoring data indicated statically significant increase for soluble fluorides in Well G-105, Gross Alpha in well G-106, and Gross Beta in well G-106. These wells were resampled and none of these increases was confirmed. The complete results of this resampling event will be reported separately.

In addition, Gross Alpha in well G-106 was found to be above 5pCi/l. As required by our permit, this sample was tested for Radium. The results of this analysis will be reported separately.

As required by Section III.F.3.b of the permit, Attachment C provides sampling results for each well and parameter for the previous four quarters. Analysis of the data indicates that no parameter has increased over the past four consecutive quarters.

If there are any questions concerning the enclosed information, please contact Mr. Darren Mays at (618) 524-6396.

Sincerely,

A handwritten signature in black ink, appearing to read "David B. Edwards". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

David B. Edwards  
Plant Manager

cc: D. Mays (No Attachments)  
G. Thomas  
J. Tillson

**ATTACHMENT A**

**Honeywell - Metropolis Works**  
**RCRA Groundwater Parameters**  
 In-House Lab Results

**Well Identification G-101**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/15/2007	15.29	0.29	0.28	0.28	0.28	6.91	6.91	6.92	6.91	452.0	453.0	453.0	453.0		1.00

**Well Identification G-102**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/14/2007	15.52	0.30	0.24	0.23	0.23	6.65	6.67	6.65	6.67	567.0	568.0	569.0	569.0		4.60

**Well Identification G-103**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/14/2007	16.41	0.22	0.23	0.24	0.23	6.73	6.74	6.73	6.73	714.0	715.0	715.0	714.0		11.70

**Well Identification G-105**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/14/2007	15.45	262.00	261.00	261.00	262.00	6.58	6.58	6.59	6.58	358.0	358.0	359.0	360.0		6.80

**Well Identification G-106**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/14/2007	15.35	0.27	0.27	0.28	0.28	6.78	6.79	6.79	6.79	483.0	483.0	483.0	483.0		3.50

**Well Identification G-107**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/14/2007	15.03	0.28	0.28	0.28	0.29	6.68	6.67	6.68	6.68	500.0	501.0	500.0	500.0		1.00

**Honeywell - Metropolis Works**  
**RCRA Groundwater Parameters**  
 In-House Lab Results

**Well Identification G-108**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/14/2007	14.69	0.27	0.28	0.29	0.28	6.77	6.76	6.77	6.77	518.0	518.0	519.0	519.0		4.60

**Well Identification G-109**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/15/2007															

**Well Identification L-301W**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/14/2007														5.56	

**Well Identification L-302E**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/15/2007														15.68	

**Well Identification R-104**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/14/2007	15.42	0.26	0.26	0.26	0.26	6.68	6.67	6.68	6.68	219.0	218.0	218.0	219.0		9.10

**Well Identification R-110**

Date	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
02/14/2007	15.67	0.22	0.22	0.22	0.22	6.28	6.27	6.28	6.28	470.0	470.0	470.0	469.0		9.30

**Honeywell - Metropolis Works**  
**RCRA Groundwater Parameters**  
 Contracted Lab Results

**Well Identification G-101**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
02/15/2007	1.00	1.00	1.70	2.60	1.10	1.00	1.30	1.70	1.43	1.03	2.31	1.11	0.79	0.66	0.74	0.81		

**Well Identification G-102**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
02/14/2007	2.80	2.90	2.80	3.00	1.90	1.80	1.90	1.80	2.20	2.05	2.90	2.00	1.10	0.98	1.10	1.00		

**Well Identification G-103**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
02/14/2007	4.50	3.80	3.50	4.40	2.50	2.90	2.20	2.20	1.80	0.90	1.60	2.40	1.20	1.20	1.00	1.50		

**Well Identification G-105**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
02/14/2007	3.80	1.45	3.70	2.60	1.40	0.96	1.60	1.40	3.40	3.40	3.20	2.72	1.10	1.10	1.10	0.91		

**Well Identification G-106**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
2/14/2007	11.40	3.40	7.50	8.20	3.50	2.00	3.00	3.00	5.20	4.20	6.50	4.50	1.70	1.20	1.60	1.50	0.27	0.23

**Well Identification G-107**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
2/14/2007	1.50	2.00	2.90	3.90	1.40	1.50	1.70	1.90	2.30	1.62	1.16	1.87	1.00	0.73	0.84	0.89		

**Honeywell - Metropolis Works**  
**RCRA Groundwater Parameters**  
 Contracted Lab Results

**Well Identification G-108**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
02/14/2007	-0.09	0.30	1.20	2.40	1.40	1.12	1.20	1.40	1.55	1.61	2.60	3.40	0.81	0.88	1.30	1.30		

**Well Identification G-109**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
02/15/2007																		

**Well Identification L-301W**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
02/14/2007	48.00				51.00				1,470.00				480.00				1.10	0.58

**Well Identification L-302E**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
02/15/2007	10.00				14.00				1,190.00				130.00				3.36	0.89

**Well Identification R-104**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
2/14/2007	2.10	2.10	1.60	1.20	1.30	1.40	1.40	1.20	2.80	3.70	3.70	3.10	1.00	1.20	1.30	1.20		

**Well Identification R-110**

Date	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
2/14/2007	2.00	2.20	0.49	3.10	1.50	1.40	0.91	1.50	2.90	3.70	2.50	2.90	1.50	1.20	1.20	1.40		

**ATTACHMENT B**

# Honeywell - Metropolis Works

( Statistical Evaluation - Averaged Replicate T-test )  
February 14, 2007

Constituent: **Soluble Fluorides, (Mg/L)**

BACKGROUND DATA																
Well:	G-101								R-110							
	2001				2002				2001				2002			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
	0.33	0.36	0.2	0.31	0.34	0.42	0.52	0.41	0.19	0.15	0.22	0.2	0.18	0.23	0.33	0.24
	0.32	0.35	0.22	0.3	0.33	0.43	0.52	0.41	0.18	0.14	0.21	0.2	0.17	0.23	0.33	0.21
	0.31	0.35	0.23	0.3	0.32	0.41	0.48	0.41	0.18	0.14	0.21	0.2	0.16	0.21	0.32	0.22
	0.31	0.34	0.22	0.3	0.3	0.42	0.48	0.4	0.17	0.14	0.2	0.2	0.16	0.2	0.32	0.22
Avg.=	0.32	0.35	0.22	0.30	0.32	0.42	0.50	0.41	0.18	0.14	0.21	0.20	0.17	0.22	0.33	0.22
Averaged Replicate Mean: <u>0.281</u>								Averaged Replicate Standard Deviation: <u>0.103</u>								

SAMPLING DATA									
G-101	G-102	G-103	R-104	G-105	G-106	G-107	G-108	R-110	
	0.30	0.22	0.26	262.00	0.27	0.28	0.27	0.22	
	0.24	0.23	0.26	261.00	0.27	0.28	0.28	0.22	
	0.23	0.24	0.26	261.00	0.28	0.28	0.29	0.22	
	0.23	0.23	0.26	262.00	0.28	0.29	0.28	0.22	
xm	0.250	0.229	0.261	#####	0.275	0.282	0.277	xm	
t*	-0.294	-0.494	-0.195	#####	-0.060	0.006	-0.039	t*	
tc	2.602	2.602	2.602	2.602	2.602	2.602	2.602	tc	

Well Status:      **OK**                      **OK**                      **OK**                      **RESAMPLE**                      **OK**                      **OK**                      **OK**



# Honeywell - Metropolis Works

( Statistical Evaluation - Averaged Replicate T-test )  
February 14, 2007

Constituent: **Specific Conductance, (Umhos/cm)**

BACKGROUND DATA																			
Well:	G-101								R-110										
	2001				2002				2001				2002						
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			
	441.5	445.0	395.0	437.0	452.0	522.0	451.0	409.0	723.21	659.0	603.0	688.0	648.0	663.0	615.0	609.0			
	439.3	445.0	394.0	436.0	450.0	520.0	449.0	409.0	723.21	659.0	603.0	688.0	648.0	664.0	615.0	609.0			
	451.5	446.0	393.0	435.0	450.0	517.0	447.0	405.0	717.94	659.0	603.0	688.0	647.0	665.0	616.0	608.0			
	438.2	447.0	393.0	435.0	447.0	515.0	447.0	405.0	716.2	659.0	603.0	688.0	647.0	661.0	616.0	608.0			
Avg.=	442.6	445.8	393.8	435.8	449.8	518.5	448.5	407.0	720.1	659.0	603.0	688.0	647.5	663.3	615.5	608.5			
Averaged Replicate Mean:								<u>546.66</u>				Averaged Replicate Standard Deviation:				<u>113.78</u>			

SAMPLING DATA									
G-101	G-102	G-103	R-104	G-105	G-106	G-107	G-108	R-110	
	567.00	714.00	219.00	358.00	483.00	500.00	518.00	470.00	
	568.00	715.00	218.00	358.00	483.00	501.00	518.00	470.00	
	569.00	715.00	218.00	359.00	483.00	500.00	519.00	470.00	
	569.00	714.00	219.00	360.00	483.00	500.00	519.00	469.00	
xm	568.25	714.50	218.50	358.75	483.00	500.25	518.50	470.00	xm
t*	0.184	1.431	-2.798	-1.602	-0.543	-0.396	-0.240	470.00	t*
tc	2.602	2.602	2.602	2.602	2.602	2.602	2.602	470.00	tc

Well Status: **OK**                      **OK**                      **OK**                      **OK**                      **OK**                      **OK**                      **OK**

# Honeywell - Metropolis Works

( Statistical Evaluation - Averaged Replicate T-test )  
February 14, 2007

Constituent: **Gross Alpha, (pCi/L)**

BACKGROUND DATA																
Well:	G-101								R-110							
	2001				2002				2001				2002			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
	0.00	1.60	-0.40	1.10	0.10	3.30	0.04	1.30	-0.03	0.60	0.50	1.50	1.00	3.40	2.00	0.60
	0.90	0.80	-0.40	0.30	1.00	3.60	0.90	0.90	0.30	1.80	0.50	6.50	1.90	4.80	-0.05	1.60
	1.90	1.20	0.60	1.10	-1.00	5.00	2.20	1.00	-0.40	2.10	0.50	5.10	0.80	3.90	4.90	2.70
	2.20	1.90	0.20	1.10	1.90	3.60	0.50	2.20	0.40	2.50	1.90	3.80	1.70	4.20	3.20	1.00
Avg.=	1.25	1.38	0.00	0.90	0.50	3.88	0.91	1.35	0.07	1.75	0.85	4.23	1.35	4.08	2.51	1.48

Averaged Replicate Mean: 1.654

Averaged Replicate Standard Deviation: 1.341

SAMPLING DATA									
G-101	G-102	G-103	R-104	G-105	G-106	G-107	G-108	R-110	
	2.80	4.50	2.10	3.80	11.40	1.50	-0.09	2.00	
	2.90	3.80	2.10	1.45	3.40	2.00	0.30	2.20	
	2.80	3.50	1.60	3.70	7.50	2.90	1.20	0.49	
	3.00	4.40	1.20	2.60	8.20	3.90	2.40	3.10	
xm	2.875	4.050	1.750	2.888	7.625	2.575	0.953	xm	
t*	0.883	1.734	0.069	0.893	4.321	0.666	-0.508	t*	
tc	2.602	2.602	2.602	2.602	2.602	2.602	2.602	tc	

Well Status:      **OK**                      **OK**                      **OK**                      **OK**                      **RESAMPLE**                      **OK**                      **OK**

# Honeywell - Metropolis Works

( Statistical Evaluation - Averaged Replicate T-test )  
February 14, 2007

Constituent: **Gross Beta, ( pCi/L)**

BACKGROUND DATA																		
Well:	G-101								R-110									
	2001				2002				2001				2002					
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q		
	0.4	1.5	0.6	2.3	2.9	4.3	2.6	1.0	1.5	2.1	3.3	4.9	0.6	4	3	1.3		
	3.0	1.9	0.5	2.0	2.3	1.8	1.2	2.5	3.4	2.6	0.2	3.8	1.6	3.1	3.5	1.3		
	-1.5	1.6	1.1	1.1	1.7	3.5	3.4	1.6	0.2	3.9	0.6	2.5	2.1	4.5	4.6	2.5		
	3.7	1.2	1.3	2.5	1.5	2.7	2.7	3.4	1.3	2.8	-0.9	3.3	0.7	3	5.2	1.5		
Avg.=	1.4	1.6	0.9	2.0	2.1	3.1	2.5	2.1	1.6	2.9	0.8	3.6	1.3	3.7	4.1	1.7		
Averaged Replicate Mean:								<u>2.192</u>		Averaged Replicate Standard Deviation:								<u>1.011</u>

SAMPLING DATA									
G-101	G-102	G-103	R-104	G-105	G-106	G-107	G-108	R-110	
	2.20	1.80	2.80	3.40	5.20	2.30	1.55	2.90	
	2.05	0.90	3.70	3.40	4.20	1.62	1.61	3.70	
	2.90	1.60	3.70	3.20	6.50	1.16	2.60	2.50	
	2.00	2.40	3.10	2.72	4.50	1.87	3.40	2.90	
xm	2.288	1.675	3.325	3.180	5.100	1.738	2.290		xm
t*	0.091	-0.496	1.087	0.948	2.791	-0.436	0.094		t*
tc	2.602	2.602	2.602	2.602	2.602	2.602	2.602		tc
Well Status:	OK	OK	OK	OK	RESAMPLE	OK	OK		

**ATTACHMENT C**

**Honeywell - Metropolis Works  
RCRA Groundwater Parameters  
4 Qtrs - In-House Lab Results Through 03/31/2007**

**Well Identification G101**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006	15.90	0.55	0.55	0.54	0.55	6.34	6.36	6.35	6.32	372.00	372.00	371.00	371.00		69.00
09/30/2006	16.64	0.25	0.23	0.22	0.22	7.39	7.40	7.39	7.39	377.00	376.00	377.00	376.00		28.00
12/31/2006	16.00	0.24	0.23	0.22	0.22	7.91	7.97	7.98	7.97	454.00	453.00	452.00	452.00		5.00
03/31/2007	15.74	0.29	0.28	0.28	0.28	6.90	6.89	6.90	6.90	448.00	449.00	447.00	447.00		3.60

**Well Identification G102**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006	16.30	0.49	0.48	0.47	0.50	6.74	6.73	6.71	6.72	401.00	401.00	401.00	402.00		24.00
09/30/2006	17.82	0.31	0.31	0.34	0.32	7.56	7.56	7.56	7.55	380.00	381.00	381.00	381.00		9.00
12/31/2006	16.46	0.30	0.30	0.32	0.31	7.62	7.61	7.61	7.62	504.00	503.00	504.00	503.00		4.50
03/31/2007	15.52	0.30	0.24	0.23	0.23	6.65	6.67	6.65	6.67	567.00	568.00	569.00	569.00		4.60

**Well Identification G103**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006	17.01	0.52	0.51	0.52	0.52	6.84	6.80	6.78	6.77	442.00	442.00	442.00	442.00		19.00
09/30/2006	17.45	0.17	0.16	0.17	0.19	7.18	7.18	7.19	7.18	637.00	635.00	633.00	635.00		8.00
12/31/2006	16.91	0.17	0.17	0.16	0.16	7.22	7.21	7.20	7.20	661.00	664.00	667.00	664.00		4.00
03/31/2007	16.41	0.22	0.23	0.24	0.23	6.73	6.74	6.73	6.73	714.00	715.00	715.00	714.00		11.70

**Well Identification G105**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006	15.94	0.48	0.48	0.47	0.48	6.00	6.59	6.55	6.54	345.00	343.00	343.00	342.00		395.00
09/30/2006	16.65	0.13	0.12	0.12	0.12	7.33	7.32	7.33	7.32	367.00	367.00	367.00	366.00		13.00
12/31/2006	15.69	0.12	0.12	0.13	0.13	6.49	6.49	6.49	6.49	446.00	432.00	446.00	445.00		14.50
03/31/2007	15.46	0.26	0.26	0.26	0.26	6.77	6.79	6.77	6.77	389.00	389.00	390.00	390.00		1.00

**Honeywell - Metropolis Works**  
**RCRA Groundwater Parameters**  
**4 Qtrs - In-House Lab Results Through 03/31/2007**

**Well Identification G106**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006	15.90	0.22	0.23	0.22	0.23	6.12	6.13	6.15	6.15	394.00	394.00	393.00	394.00		38.00
09/30/2006	16.75	0.15	0.16	0.16	0.15	6.83	6.84	6.83	6.84	381.00	380.00	381.00	381.00		5.25
12/31/2006	15.95	0.16	0.15	0.15	0.15	6.91	6.85	6.85	6.86	473.00	473.00	473.00	472.00		5.50
03/31/2007	15.75	0.27	0.27	0.28	0.28	6.79	6.79	6.78	6.77	469.00	468.00	468.00	468.00		13.80

**Well Identification G107**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006	16.17	0.46	0.46	0.46	0.46	6.75	6.74	6.75	6.74	405.00	405.00	405.00	404.00		36.00
09/30/2006	17.50	0.13	0.15	0.14	0.16	7.14	7.13	7.14	7.14	419.00	419.00	419.00	419.00		23.00
12/31/2006	16.17	0.15	0.13	0.15	0.16	7.17	7.19	7.19	7.17	484.00	483.00	483.00	483.00		2.00
03/31/2007	15.03	0.28	0.28	0.28	0.29	6.68	6.67	6.68	6.68	500.00	501.00	500.00	500.00		1.00

**Well Identification G108**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006	15.35	0.45	0.44	0.45	0.45	6.86	6.82	6.82	6.79	424.00	424.00	424.00	424.00		13.00
09/30/2006	15.95	0.18	0.17	0.16	0.16	7.30	7.35	7.31	7.34	444.00	442.00	440.00	441.00		11.00
12/31/2006	15.65	0.17	0.18	0.16	0.17	6.63	6.64	6.63	6.63	504.00	505.00	505.00	505.00		9.40
03/31/2007	14.69	0.27	0.28	0.29	0.28	6.77	6.76	6.77	6.77	518.00	518.00	519.00	519.00		4.60

**Well Identification G109**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006															
09/30/2006															
12/31/2006															
03/31/2007															

**Honeywell - Metropolis Works**  
**RCRA Groundwater Parameters**  
**4 Qtrs - In-House Lab Results Through 03/31/2007**

**Well Identification L301W**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006														11.22	
09/30/2006														2.64	
12/31/2006														5.42	
03/31/2007														5.56	

**Well Identification L302E**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006														5.88	
09/30/2006														16.74	
12/31/2006														15.88	
03/31/2007														15.68	

**Well Identification R104**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006	16.96	0.55	0.55	0.55	0.54	6.70	6.69	6.71	6.70	462.00	462.00	462.00	462.00		129.00
09/30/2006	18.16	0.15	0.15	0.15	0.16	6.37	6.37	6.39	6.37	437.00	437.00	438.00	438.00		6.25
12/31/2006	16.53	0.15	0.15	0.14	0.15	6.49	6.50	6.51	6.50	583.00	583.00	582.00	583.00		1.00
03/31/2007	15.42	0.26	0.26	0.26	0.26	6.68	6.67	6.68	6.68	219.00	218.00	218.00	219.00		9.10

**Well Identification R110**

Qtr Ending	Temp. (degrees C)	Fluoride, Dissolved (ppm)				pH (SU)				Specific Conductivity (umhos/cm)				Fluoride, Total (ppm)	Turbidity
06/30/2006	16.32	0.50	0.50	0.49	0.49	5.88	5.91	5.86	5.89	517.00	516.00	514.00	514.00		51.00
09/30/2006	17.11	0.11	0.11	0.11	0.10	7.10	7.11	7.12	7.10	518.00	518.00	516.00	517.00		12.00
12/31/2006	16.42	0.10	0.11	0.11	0.11	6.73	6.73	6.74	6.74	642.00	643.00	641.00	641.00		7.30
03/31/2007	16.40	0.22	0.22	0.22	0.22	6.30	6.29	6.30	6.30	483.00	484.00	484.00	484.00		3.40

**Honeywell - Metropolis Works**  
**RCRA Groundwater Parameters**  
**4 Qtrs - Contracted Lab Results Through 03/31/2007**

**Well Identification G101**

Qtr Ending	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
06/30/2006	0.40	0.09	1.60	0.82	2.00	0.96	3.00	0.88	2.10	6.70	3.30	2.30	1.40	1.80	4.00	1.20		
09/30/2006	1.20	2.10	2.00	1.80	1.30	1.70	1.60	1.50	1.60	1.70	1.90	2.60	1.20	1.30	1.30	1.30		
12/31/2006	1.10	-0.08	-0.20	0.60	1.40	3.00	1.40	1.60	0.60	0.18	0.06	0.40	1.10	0.91	0.93	1.10		
03/31/2007	1.80	1.30	-1.00	1.30	1.40	1.20	1.40	1.50	0.85	1.43	0.60	1.40	0.95	0.74	1.30	1.30		

**Well Identification G102**

Qtr Ending	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
06/30/2006	2.60	2.30	2.60	5.00	2.30	2.30	2.00	3.40	1.50	1.32	2.20	5.20	0.91	0.98	1.10	1.60		
09/30/2006	3.00	1.10	2.80	2.10	1.80	1.70	1.80	1.40	3.70	1.30	1.80	3.20	2.20	2.30	2.40	2.20		
12/31/2006	0.20	0.70	1.00	0.80	1.60	1.70	1.40	1.50	1.20	0.30	2.80	0.30	1.30	1.10	1.20	1.20		
03/31/2007	2.80	2.90	2.80	3.00	1.90	1.80	1.90	1.80	2.20	2.05	2.90	2.00	1.10	0.98	1.10	1.00		

**Well Identification G103**

Qtr Ending	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
06/30/2006	1.50	6.40	2.20	2.80	1.40	3.00	1.60	1.80	2.70	1.30	2.90	2.90	1.80	1.60	1.80	1.90	0.37	0.16
09/30/2006	4.10	5.10	0.90	3.30	3.00	3.20	2.00	2.40	1.80	3.60	2.70	5.80	2.10	2.20	1.90	2.40		
12/31/2006	-0.04	-4.20	0.50	1.40	2.90	2.70	1.30	1.50	-1.60	-4.40	2.10	1.60	1.50	1.70	2.00	1.80		
03/31/2007	4.50	3.80	3.50	4.40	2.50	2.90	2.20	2.20	1.80	0.90	1.60	2.40	1.20	1.20	1.00	1.50		

**Well Identification G105**

Qtr Ending	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
06/30/2006	2.80	3.20	3.80	3.60	1.60	1.60	1.80	1.60	2.20	2.70	1.70	3.00	1.70	1.40	1.50	1.30		
09/30/2006	2.50	1.80	3.50	1.90	1.50	1.50	1.70	1.50	2.70	3.20	4.30	2.20	1.70	1.50	1.70	1.80		
12/31/2006	2.40	1.50	1.70	1.50	1.70	1.80	1.30	1.30	1.80	0.20	3.40	2.70	1.40	1.20	1.80	1.80		
03/31/2007	3.80	1.45	3.70	2.60	1.40	0.96	1.60	1.40	3.40	3.40	3.20	2.72	1.10	1.10	1.10	0.91		



**Honeywell - Metropolis Works**  
**RCRA Groundwater Parameters**  
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03/31/2007

**Well Identification L301W**

Qtr Ending	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
06/30/2006	4.00				13.00				1,440.00				150.00				0.81	0.80
09/30/2006	15.00				14.00				881.00				93.00				0.48	0.58
12/31/2006	11.00				10.00				1,080.00				110.00				0.40	0.68
03/31/2007	48.00				51.00				1,470.00				480.00				1.10	0.58

**Well Identification L302E**

Qtr Ending	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
06/30/2006	10.00				29.00				3,350.00				350.00				3.37	1.09
09/30/2006	83.00				56.00				1,080.00				430.00				4.91	1.13
12/31/2006	93.00				75.00				3,990.00				420.00				4.51	1.04
03/31/2007	10.00				14.00				1,190.00				130.00				3.36	0.89

**Well Identification R104**

Qtr Ending	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
06/30/2006	1.10	0.95	1.30	0.70	1.50	0.90	1.20	1.00	1.50	2.80	2.10	2.60	1.70	1.30	1.30	1.40		
09/30/2006	1.00	0.00	0.00	3.80	1.40	0.16	0.16	2.20	2.40	0.70	1.70	-2.70	2.00	2.00	2.20	2.20		
12/31/2006	0.70	0.60	1.50	2.00	1.30	1.40	1.60	1.70	2.10	2.70	1.90	0.60	1.90	1.80	1.80	2.00		
03/31/2007	2.10	2.10	1.60	1.20	1.30	1.40	1.40	1.20	2.80	3.70	3.70	3.10	1.00	1.20	1.30	1.20		

**Well Identification R110**

Qtr Ending	Alpha Activity, Total (pCi/l)				Alpha Error (pCi/l)				Beta Activity, Total (pCi/l)				Beta Error (pCi/l)				Ra226 + Ra228 (pCi/l)	Ra226 + Ra228 Error (pCi/l)
06/30/2006	1.70	1.80	2.30	1.50	1.40	1.70	2.40	1.70	1.20	2.20	1.60	2.10	1.90	1.30	1.50	1.30		
09/30/2006	1.80	1.00	0.70	-0.10	1.50	1.50	1.30	1.50	3.90	1.40	3.30	0.90	1.80	2.00	1.80	1.60		

**Honeywell - Metropolis Works**  
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12/31/2006	1.10	1.50	0.50	1.20	1.20	1.30	1.10	1.70	1.70	1.50	3.70	5.50	1.50	1.50	1.70	1.90
03/31/2007	1.70	0.50	1.60	0.30	1.60	1.00	1.40	0.98	1.70	1.80	2.70	0.50	1.00	1.60	1.60	1.40

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