

December 21, 2010

Brad Gilmore  
State of Washington Department of Ecology  
Northwest Regional Office  
3190 160th Ave SE  
Bellevue, Washington 98008

**Subject: Honeywell International Inc. 36<sup>th</sup> St, VCP Project Number: NW2134**

Dear Mr. Gilmore,

AECOM, on behalf of United Technologies Corporation (UTC) is requesting an opinion from the Washington Department of Ecology (Ecology) on the attached Remedial Investigation Report (RI Report) for the Honeywell International Inc. 36<sup>th</sup> St facility, located in Redmond, Washington. UTC enrolled in the VCP program in February 2009 but did not request opinions on technical documents at that time. Since enrollment, UTC has completed additional investigation activities, implemented interim actions to address the potential for vapor intrusion, and prepared a site-wide RI Report. UTC is now requesting an opinion on the sufficiency of the RI Report prior to addressing final data gaps and completing the feasibility study (FS). Ecology's Request for Opinion Form is attached for reference.

## Cleanup Status

As indicated above, UTC has completed several phases of remedial investigation and selected interim actions since submittal of the VCP application. These activities include:

- **Shallow Soil Sampling.** In January 2010, four borings were advanced beneath Building 1 to characterize the shallow soil concentrations beneath this building. Soil samples were collected from the near surface at each location.
- **Subsurface Soil Sampling.** In April 2009, soil from 21 borings, located in the vicinity of historical source areas, was sampled. Samples were collected to characterize subsurface conditions within the historical source areas.
- **Subsurface Soil Sampling.** In January and February 2010, 10 soil samples were collected from soil borings installed in the vicinity of Building 1 and areas generally downgradient of the historical source areas.
- **Reconnaissance Groundwater Sampling.** In April 2009, groundwater samples were collected from temporary wells installed in 13 soil borings in the vicinity of historical source areas. In January through February 2010, a series of groundwater samples were

collected on approximately 10-foot depth intervals from temporary wells installed in 7 soil borings generally downgradient of historical source areas.

- **Groundwater Sampling.** In 2009 and 2010, eight additional monitoring wells have been installed at the Site to further characterize groundwater. All wells have been sampled a minimum of twice.
- **Soil Vapor Sampling.** In May 2009, soil vapor samples were collected from 20 locations under four Site buildings (Buildings 1, 3, 4 and Laguna South). In August 2009 an additional 6 soil vapor samples were collected to further delineate soil vapor beneath the footprint of Building 1.
- **Sub-Slab Depressurization System – Building 4.** Based on the sub-slab soil vapor sampling results beneath Building 4, UTC installed a sub-slab depressurization system in Building 4. The system has been in operation since November 2009 to mitigate the potential for vapor intrusion into the building.
- **Sub-Slab Depressurization System – Building 2.** Based on the sub-slab soil vapor sampling results beneath Building 2 and indoor air sampling results, UTC installed a sub-slab depressurization system in Building 2. The system has been operating since January 2010 to mitigate the potential for vapor intrusion into the building.
- **Vapor Extraction Pilot Study Building 1.** UTC is currently conducting a field pilot study to support the design of a soil vapor extraction system at Building 1. The purpose of this system is to provide targeted soil remediation and serve as a vapor mitigation/depressurization system for Building 1.

The attached RI report summarizes results of these investigations, the site conceptual model, and the remaining data gaps to be addressed. In addition, documentation of the interim actions is attached to the RI Report.

## Next Steps and Schedule for Completing the Cleanup

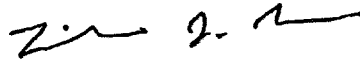
After UTC receives Ecology's opinion on the sufficiency of the RI and identification of data gaps, UTC will prepare a work plan addendum to address the remaining data gaps. UTC will also initiate work on a Focused Feasibility Study (FFS) to develop and evaluate remedial alternatives. Given Ecology's projected 90-day review period and allowing time for subsequent discussions between UTC and Ecology, and between UTC and the land owner/operator, additional investigation work will likely be completed during the summer of 2011. UTC will submit these results along with the FFS and request an opinion from Ecology; the projected FFS submittal date is late 2011. After receipt of Ecology's opinion on the sufficiency of the FFS, UTC will draft a Cleanup Action Plan for Ecology's consideration and, after Ecology concurrence, proceed with implementation of the selected cleanup action. In the interim, UTC will continue work on a soil vapor extraction system at Building 1.

UTC and AECOM look forward to working with Ecology to move this Site through the VCP Cleanup process to closure. We would like to meet with Ecology's VCP site manager on the RI to facilitate Ecology's review and answer any questions. Should you have further questions, please contact Linda Baker or Jamie Stevens at 206-624-9349.

Yours sincerely,



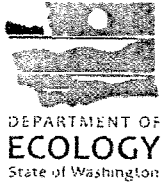
Jamie C. Stevens, P.E.  
Project Manager  
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Linda Baker, R.G.  
Sr. Project Manager  
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cc: Bradely Barquest, Kathleen McFadden – United Technologies Corporation  
Andy Albrecht – Hines REIT Laguna Campus LLC  
Benny Dehghi – Honeywell  
Riley Conkin – Farallon Consulting (electronic only)  
Bruce Narlock – MWH (electronic only)  
William Joyce – Salter, Joyce, Ziker (electronic only)  
Allison Rumsey – Arnold & Porter (electronic only)  
File 60138119-410 – AECOM

Attached: RI Report, Request for Opinion Form



# Voluntary Cleanup Program

Washington State Department of Ecology  
Toxics Cleanup Program

## REQUEST FOR OPINION FORM

Use this form to request a written opinion on your planned or completed independent remedial action under the Voluntary Cleanup Program (VCP). Attach to this form the plans or reports documenting the remedial action. Please submit only one form for each request.

### Step 1: IDENTIFY HAZARDOUS WASTE SITE

Please identify below the hazardous waste site for which you are requesting a written opinion under the VCP. This information may be found on the VCP Agreement.

Facility/Site Name: Honeywell Intl Inc. 36<sup>th</sup> Street

Facility/Site Address: 15001 Northeast 36th Street, Redmond WA

Facility/Site No: 2182

VCP Project No.: NW2134

### Step 2: REQUEST WRITTEN OPINION ON PLAN OR REPORT

What type of independent remedial action plan or report are you submitting to Ecology for review under the VCP? Please check all that apply.

- Remedial investigation plan
- Remedial investigation report
- Feasibility study report
- Property cleanup\* plan (\* cleanup of one or more parcels located within the Site)
- Property cleanup\* report
- Site cleanup plan
- Site cleanup report
- Other – please specify:

Do you want Ecology to provide you with a written opinion on the planned or completed independent remedial action?

Yes  No

Please note that Ecology's opinion will be limited to:

- Whether the planned or completed remedial action at the site meets the substantive requirements of the Model Toxics Control Act (MTCA), and/or
- Whether further remedial action is necessary at the site under MTCA.

**Step 3: REPRESENTATIONS AND SIGNATURE**

The undersigned representative of the Customer hereby certifies that he or she is fully authorized to request services from Ecology under the Agreement for this VCP Project.

Name: Brian J. Yeich

Title: Director Remediation Programs

Signature: *Brian J. Yeich*

Date: 12/17/2010

Organization: United Technologies Corporation

Mailing address: One Financial Plaza, M/S 503

City: Hartford

State: CT

Zip code: 06101

Phone: 860-728-7624

Fax: 860-660-0231

E-mail: brian.yeich@utc.com

**Step 4: SUBMITTAL**

Please mail your completed form and the independent remedial action plan or report that you are requesting Ecology review to the site manager Ecology assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.



<b>Northwest Region:</b> Attn: Sara Nied 3190 160 <sup>th</sup> Ave. SE Bellevue, WA 98008-5452	<b>Central Region:</b> Attn: Mark Dunbar 15 W. Yakima Ave., Suite 200 Yakima, WA 98902
<b>Southwest Region:</b> Attn: Scott Rose P.O. Box 47775 Olympia, WA 98504-7775	<b>Eastern Region:</b> Attn: Patti Carter N. 4601 Monroe Spokane WA 99205-1295