CALIFORNIA
Water Boards

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GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

San Francisco Bay Regional Water Quality Control Board

December 15, 2015
File No. 43S0124 (dib)

Honeywell, Inc.
Attn: Benny DeHghi
2525 West 190th Street
Torrance, CA 90504-6099
Benny.dehghi@honeywell.com

SUBJECT: Approval of *2015 Addendum to the Additional Vapor Intrusion Evaluation Report*, Synertek Building One Superfund Site, 3050 Coronado Drive, Santa Clara, Santa Clara County

Dear Mr. DeHghi:

This letter responds to Honeywell's November 2015, *2015 Addendum to the Additional Vapor Intrusion Evaluation Report* (Report) for the Synertek Building One Site (Site). The Report presents the results of the indoor air and sub-slab vapor sampling done at an off-site building in August 2015 and a vapor intrusion evaluation based on the sampling results. As explained below, I approve the Report.

Background
Groundwater at the Site is contaminated by the volatile organic compounds (VOCs) trichloroethene (TCE), 1,1,1-trichloroethane, Freon 113, and their breakdown products. A groundwater remediation program has been underway at the Site since 1987. A groundwater extraction and treatment system was operated from 1987 to 2001 followed by a monitored natural attenuation program. A pilot test of in-situ bioremediation was begun at the Site in 2011.

The fourth Five Year Review for the Site was completed in 2012. A vapor intrusion evaluation was required as part of the Five Year Review process for the Site. The evaluation was required to determine if VOCs in groundwater at the site are volatilizing and migrating up through overlying soil and through cracks or other openings in the building foundation into indoor air. The Regional Water Board's March 5, 2015, letter approved the onsite vapor intrusion evaluation and required a vapor intrusion evaluation for an offsite building at 3111 Coronado Drive that overlies the groundwater pollutant plume originating from the Site.

Report Summary
Six sub-slab vapor samples, six indoor air samples, and one background outdoor air sample were collected and analyzed for VOCs at the 3111 Coronado building. The results were compared to the Regional Water Board's Environmental Screening Levels (ESLs) and the U.S. Environmental Protections Agency's Vapor Intrusion Screening Levels (VISLs). The ESLs do

not include sub-slab vapor screening levels, so the sub-slab samples were compared to the soil vapor ESLs.

The sub-slab vapor samples were all below the VISLs for commercial/industrial use and were below the soil vapor ESLs for commercial/industrial use. The indoor air samples and the outdoor air sample were all below the ESLs and VISLs for commercial/industrial use.

Regional Water Board Response
Based on the results of the Report, vapor intrusion from VOCs in groundwater at the Site is not adversely affecting indoor air at the 3111 Coronado Drive building. The Report satisfies the requirements of our March 5, 2015, letter. I hereby approve the Report.

If you have any questions, please contact David Barr of my staff at (510) 622-2313 [e-mail dbarr@waterboards.ca.gov].

Sincerely,

for

Digitally signed by Stephen Hill
DN: cn=Stephen Hill, o, ou=RWQCB, email=SHill@waterboards.ca.gov, c=US
Date: 2015.12.15 15:17:29 -08'00'

Bruce H. Wolfe
Executive Officer

cc: Mailing List

Jim Lindsey
jim@jlindsey.com

Kalil Jenab
Cassidy Turley BT Commercial
kjenab@ctbt.com

Melanie Morash
U.S. EPA
morash.melanie@epa.gov

Teresa Tamburello
CH2MHill
Teresa.tamburello@ch2m.com

George Cook
Santa Clara Valley Water District
gcook@valleywater.org

Mr. David Parker
Santa Clara City Fire Department
Hazardous Materials Division
dparker@ci.santa-clara.ca.us

Allen Louie
Crystal Solar
alouie@xtalsolar.com

Ellen Bartholomew
NP 3111 Coronado, LLC
Legacy Partners Commercial, Inc.
Ebartholomew@legacypartners.com