

Attachment C

Dresdner Robin Letter to NJDEP – August 3, 2011

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Mr. David Doyle
NJDEP, Site Remediation
P.O. Box 028
Trenton, NJ 08625

**Re: PPG Industries, Inc.
Groundwater Results and Recommendations
Site 108**

Dear Mr. Doyle:

This letter is being submitted on behalf of PPG industries, Inc., to summarize the findings of the groundwater investigations and the recommendations for additional investigations.

REMEDIAL INVESTIGATIONS

In accordance with AECOM's October 2010 Remedial Investigation Workplan (RIW), groundwater investigations were performed February and March 2011. Investigations consisted of the collection of groundwater samples from temporary well points and existing monitoring wells at Site 108. Groundwater sample locations and analytical results are presented in **Figure 1**.

Site 108

Seven (7) temporary well points were installed at Site 108; one (1) groundwater sample was collected from each temporary well point. It should be noted that temporary well point 108-TMW-C002, which was originally proposed to be installed in the middle of the access road at the entrance to the site, was relocated approximately 50 feet away for health and safety concerns. Groundwater samples were also collected from five (5) existing monitoring wells MW-1 to MW-5; two (2) groundwater samples were collected from each monitoring well.

Temporary Well Point Results

Review of the analytical results revealed concentrations of metals in excess of the New Jersey Department of Environmental Protections (NJDEP) Ground Water Quality Standards (GWQS) in four (4) of seven (7) temporary well points:

- Chromium was reported at a concentration of 728 ug/L, 242 ug/L, 330 ug/L and 88 ug/L in sample 108-TMW-M006, 108-TMW-M018, 108-TMW-J014, and 108-TMW-D012, respectively.

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- Nickel was reported at a concentration of 890 ug/L and 432 ug/L in sample 108-TMW-M006 and 108-TMW-J014, respectively.
- Thallium was reported at a concentration of 8.0 ug/L and 3.8 ug/L in sample 108-TMW-M006, and 108-TMW-J014, respectively

Monitoring Well Results

Review of the analytical results revealed concentrations of metals below the NJDEP GWQS in all five (5) monitoring wells.


RECOMMENDATIONS FOR ADDITIONAL GROUNDWATER INVESTIGATIONS

We draw to your attention that results from temporary well points are likely biased high due to the presence of suspended particulates in the water column and therefore the results should largely be used as a screening tool. Results from the existing monitoring wells are deemed more representative than those obtained from the temporary well points. It should also be noted that two (2) of four (4) temporary well points that exhibited exceedances of the NJDEP GWQS did not exhibit any exceedances of the NJDEP Soil Remediation Standards.

Although the five (5) existing monitoring wells provide ample coverage, the lack of any monitoring well in the center of site represents a data gap. Therefore a monitoring well is proposed within the building at temporary well point location 108-TMW-J014. An additional monitoring well is proposed at temporary well point 108-TMW-M018 where remediation of hexavalent chromium in the soil is underway.

Please contact me if you have any questions or concerns regarding our planned remedial work at 201.217.9200 x224.

Sincerely,
Dresner Robin


Douglas Neumann
Director

cc: D. Claassen
P. Amin
Chrono
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