ATTACHMENT C

Groundwater Contour Reporting Forms (May and June 2011)

ATTACHMENT C - CONTOUR MAP REPORTING FORM (MAY 2011)

This reporting form shall accompany each groundwater contour map submittal. Use additional sheets as necessary.

1. Did any surveyed well casing elevations change from the previous sampling event? Yes.. (No..) If yes, attach new "Well Certification--Form B--Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes.. (No..) If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? (Yes..) No... Unless the omission of the well(s) has been previously approved by the Department, justify the omissions. The groundwater elevation in MW-5-2 was significantly higher than previous readings, this reading was suspect and subsequently not utilized in the May 2011 contour figure.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes.. (No..) Were any of the monitor wells with separate phase product included in the groundwater contour map? Yes... No... If yes, show the formula used to correct the water table elevation.

5. Has the groundwater flow direction changed more than 45 degrees from the previous groundwater contour map? Yes.. (No..) If yes, discuss the reasons for the change.

6. Has groundwater mounding and/or depressions been identified in the groundwater contour map? Yes.. (No..) Unless the groundwater mounds and/or depressions are caused by the groundwater remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? (Yes..) No... If no, justify inclusion of those wells.

8. Were the groundwater contours (computer generated..., computer aided..., or hand-drawn...? If computer aided or generated, identify the interpolation method(s) used. Krigging

ATTACHMENT C - CONTOUR MAP REPORTING FORM (JUNE 2011)

This reporting form shall accompany each groundwater contour map submittal. Use additional sheets as necessary.

1. Did any surveyed well casing elevations change from the previous sampling event? Yes.. No.. If yes, attach new "Well Certification--Form B--Location Certification" as found in the "Guide for the Submission of Remedial Action Workplans" (NJDEP, March 1995) and identify the reason for the elevation change (damage to casing, installation of recovery system in monitoring well, etc.).

2. Are there any monitor wells in unconfined aquifers in which the water table elevation is higher than the top of the well screen? Yes.. No.. If yes, identify these wells.

3. Are there any monitor wells present at the site but omitted from the contour map? Yes.. No.. Unless the omission of the well(s) has been previously approved by the Department, justify the omissions.

4. Are there any monitor wells containing separate phase product during this measuring event? Yes.. No.. Were any of the monitor wells with separate phase product included in the groundwater contour map? Yes... No... If yes, show the formula used to correct the water table elevation.

5. Has the groundwater flow direction changed more than 45 degrees from the previous groundwater contour map? Yes.. No.. If yes, discuss the reasons for the change.

6. Has groundwater mounding and/or depressions been identified in the groundwater contour map? Yes.. No.. Unless the groundwater mounds and/or depressions are caused by the groundwater remediation system, discuss the reasons for this occurrence.

7. Are all the wells used in the contour map screened in the same water-bearing zone? Yes.. No... If no, justify inclusion of those wells.

8. Were the groundwater contours computer generated.., computer aided..., or hand-drawn...? If computer aided or generated, identify the interpolation method(s) used. Krigging