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# U.S. Army Corps of Engineers
# Kansas City District

## Split Sample Analysis
## For the
## Quanta Resources Site Operable Unit 01

Contract No DACW41-02-D-0002
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Prepared for:

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Kansas City District

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# Split Sample Summary Report
# Quanta Resources Site
# Operable Unit 1 (OU1)
# Edgewater, New Jersey

CDM Federal Programs Corporation (CDM) received Task Order number 0012 under the U.S. Army Corps of Engineers Kansas City District Contract number DACW41-02-D-0002 to perform remedial investigation and feasibility study (RI/FS) oversight at the Quanta Resources site (the Site) located in Edgewater, New Jersey. From November 2005 through August 2006, CDM provided oversight of the potentially responsible party's (PRP's) field activities including acceptance and analysis split samples of soil and groundwater. This split sample summary report compares the CDM split sample results to the PRP's sample results.

## 1.1 Sample Analysis and Validation Procedures

CDM split samples were analyzed by either Division of Environmental Support and Assessment (DESA) laboratory, or through the U.S. Environmental Protection Agency (EPA) Contract Laboratory Program (CLP). Samples were analyzed for target analyte list inorganics (TAL) and/or target compound list organics (TCL) by CLP statements of work (SOW) ILM05.3 or SOW OLM04.3 as described in CDM's Quality Assurance Project Plan Addendum, Operable Unit 2, Oversight and Acceptance of Split Samples, Quanta Resources Site, dated April 2007, (QAPP). Sample results were subsequently validated by DESA or through the CLP using EPA Region 2 Data validation SOPs.

The PRP samples were analyzed by CLP SOWs ILM05.3 and OLM04.3 by Lionville Labs, Lancaster, PA, and subsequently validated by the PRP under EPA Region 2 SOPs.

Data contained on the split sample tables are presented as they were received from the PRP, CLP or DESA. Other than the split sample analysis presented in this report no other evaluation or review of the data has been performed by CDM.

# 3.0 CDM and PRP Split Sample Results Summary

The PRP and CDM split sample results are presented in the split sample tables (Tables 1 soil samples, and Tables 2a and 2b groundwater samples). The data were evaluated based on relative percent difference (RPD) and/or absolute difference (ABS) criteria. The following criteria were used to evaluate the split sample data:

**For soil samples (Table 1)**

1. An RPD of less than 100 is used as the QC criterion to evaluate duplicate results that are above the reporting limit.
2. An ABS of less than the reporting limit is used as the QC criterion when either result is below the reporting limits or when there is one detect and one non-detect result in the evaluation pair.

**For aquifer groundwater samples (Tables 2a and 2b)**

1. An RPD of less than 50 is used as the QC criterion to evaluate duplicate results that are above the reporting limit.
2. An ABS of less than the reporting limit is used as QC criterion when either result is below the reporting limits or when there is one detect and one non-detect result in the evaluation pair.

Generally the higher of the CLP contract required quantitation limits (CRQLs) or PRP reporting limit were used to evaluate the sample data for the ABS evaluation. CRQLs or PRP reporting limits (RL) were adjusted for percent solids and dilution.

RPDs are only calculated when there are two hits for a compound, this represents a calculable result pair. ABS is calculated when either result for a compound is below the CRQL or RL, this represents a calculable result pair. When both results are non-detect, the associated RPD and ABS cells are intentionally left blank. When there is a hit and non-detect reported for a duplicate compound pair, the RPD criteria is not calculable and an "NC" is entered into the corresponding RPD cell. In this case the ABS is calculated to assess the relevance of the reported result. If the ABS is less than the CRQL or RL the result pair is considered acceptable. An "NA", not applicable is reported in the ABS column when RPD is used to evaluate the results pair or in the RPD column when ABS is used to evaluate the result pair. All outliers are indicated in red on the split sample tables.

Only calculable data, result pairs with either an RPD or ABS reported, are used to evaluate the comparability of sample results. Non-detect result pairs are not factored into the calculation for data comparison, percent exceeding, or percent acceptable statements.

In the example below sample-1 would be described in this evaluation as having 5 calculable pairs with 3 exceeding criteria or 60 percent exceeding. If we included the non-detect result pairs as "passing criteria", indicated in pass column as Y (yes) or N (no), we would have 10 pairs with 3 exceeding or 30 percent exceeding. In essence this evaluation focuses on detected results reported between the data sets.

The example is interpreted as:

1. Compounds-1, and 7-10 are not evaluated for RPD or ABS since all results reported as non-detect. These compounds represent good comparison therefore they are marked as "Y" in the pass column.
2. Compound-2 met the ABS and an "NC" was placed in the RPD column to indicate that it is not a calculable pair. This compound represents a good comparison therefore it is marked as "Y" in the pass column.
3. Compound-3 failed the ABS criteria since it is greater than the reporting limit of 5 and an "NC" was placed in the RPD column to indicate that it is not a calculable

pair. This compound represents a poor comparison therefore it is marked as "N" in the pass column.

4. Coumpound-4 met the RPD and an "NA" was placed in the ABS column to indicate that it is not applicable for evaluating this result pair. This compound represents a good comparison therefore it is marked as "Y" in the pass column.
5. Coumpound-5 failed the RPD and an "NA" was placed in the ABS column to indicate that it is not applicable for evaluating this result pair. This compound represents a poor comparison therefore it is marked as "N" in the pass column.
6. Compound-6 failed the ABS criteria since it is greater than the reporting limit of 5 and an "NA" was placed in the RPD column to indicate that it is not applicable for evaluating this result pair. This compound represents a poor comparison therefore it is marked as "N" in the pass column.

Note: The "Pass (met criteria)" column is only used for this example and is not included on Tables 1 and 2 of this report. The remaining elements of this example are contained on the report tables and the interpretation or logic followed in the example was used to evaluate the split samples.

Example Table:

| | Sample-1 | Split-1 | RPD | ABS | Pass (met criteria) |
|---|---|---|---|---|---|
| Compound-1 | 5 U | 0.5 U | | | Y |
| Compound-2 | 5 U | 0.4 J | NC | 4.6 | Y |
| Compound-3 | 5 U | 22 | NC | 17 | N |
| Compound-4 | 400 | 350 | 13.3 | NA | Y |
| Compound-5 | 400 | 50 | 155 | NA | N |
| Compound-6 | 20 | 0.2 J | NA | 19.8 | N |
| Compound-7 | 5 U | 0.5 U | | | Y |
| Compound-8 | 5 U | 0.5 U | | | Y |
| Compound-9 | 5 U | 0.5 U | | | Y |
| Compound-10 | 5 U | 0.5 U | | | Y |

All reported PRP result versus split sample results are presented in the tables. There are several samples that did not have had a full suite of analyses performed. These instances are indicated in the table by analysis fraction, for example "No VOCs", in the relevant data section.

## 3.1 Split Sample Comparison Results

In general there is reasonable agreement between the two data sets; the PRP results and the CDM split samples. In some instances one of the split samples was diluted to a greater extent than the other. In all but two instances, the SVOCs reported by the PRP for sample SB-106A-003 and SVOCs reported for CDM split sample CDM-SB-107DS-001, the samples contained detected results that were used as a basis for comparison. Discrepancies in reporting limits were not evaluated since the samples contained usable results.

The following is a summary of the split sample analysis:

### 3.1.1 Soils

Of the 630 calculable result pairs for soil samples, 149 exceeded either the RPD and/or ABS criteria (or approximately 24 percent). In general, the comparability between these split soil samples is reasonable, with 15 of the 27 split samples having greater than 90 percent agreement between the sample pairs. Of the twelve samples that exhibited a less than 90 percent agreement rate, five samples had a greater than 50 percent disagreement rate, all these samples required dilution and the majority of the discrepancies were within the SVOC fraction. The VOC analysis for sample pair SB-01A-003 had a large number of discrepancies as well.

The observed discrepancy between the sample and split sample results is not surprising considering the nature of the contaminant (coal tar), the heterogeneous nature of the soils, contaminant distribution, and the analytical challenges faced when extracting and concentrating such samples for analysis. Although the comparisons of the concentrations of the split sample results with the sample results fall outside established review criteria in approximately 24 percent of the sample pairs. taken as a whole, the split data are considered to be sufficiently consistent with the sample data and are considered usable for evaluating contaminant distribution at the site

Some notable sample versus split sample observations are as follows:

SS-101DS-001 -Approximately a 75 percent failure rate all within the SVOC fraction: compound identification was good but concentrations varied - PRP results tended to be higher than the split sample.

SB-08H-002 - Approximately a 44 percent failure rate all within the SVOC fraction: compound identification was good but concentrations varied - no tendency between the samples.

SS-109A-001 - Approximately a 50 percent failure rate all within the SVOC fraction: compound identification was good but concentrations varied - PRP results tended to be higher than the split sample.

SB-106A-003- A 0 percent failure rate - SVOC fraction: PRP reporting limits ten times higher than split sample all PRP results non-detect no confirmation of split results - all ABS results less than PRP reporting limit.

SB-16P-004 - Approximately a 48 percent failure rate – VOC fraction: compound identification was good but concentrations varied - PRP results tended to be higher than the split sample. SVOC fraction: compound identification and concentrations varied - PRP results tended to be higher and included more compound hits than the split sample.

SB-107DS-001- Approximately ten percent failure rate - SVOC fraction: split sample CRQL two times higher than PRP sample all split sample results non-detect no confirmation of PRP results - most ABS results less than split sample CRQL.

SB-04D-003 - Approximately 21 percent failure rate all within VOC fraction: high variability in compound identification and concentration – PRP results significantly higher than split sample.

SS-113C-001 - Approximately a 73 percent failure rate all within the SVOC fraction: compound identification was good but concentrations varied - PRP results tended to be higher than the split sample.

SB-01A-003 - Approximately a 32 percent failure rate – VOC fraction: compound identification and concentrations varied – split sample diluted 1000 fold and contained significant result for ethybenzene (33,000 ppb) with non-detect reported from PRP and other results were higher in the split sample. SVOC fraction: compound identification and concentrations varied – split sample results tended to be higher and included more compound hits than the PRP sample. PCB fraction: Aroclor 1260 was detected in the PRP sample but not in the split sample.

SB-01A-004 - Approximately an 82 percent failure rate – VOC fraction: compound identification was good but concentrations varied - PRP results tended to be higher than the split sample. SVOC fraction: compound identification was good but concentrations varied - PRP results tended to be higher than the split sample.

SB-121B-004 - Approximately a 12 percent failure rate - VOC fraction: high variability in compound identification and concentration – PRP results higher than split sample and more compounds identified. SVOC fraction: compound identification and concentration good with the exception of fluoranthene identified in split sample at 150,000 ppb and was not detected in PRP sample.

TL15-09-14 - Approximately a 42 percent failure rate all within the SVOC fraction: compound identification was good but concentrations varied – split sample results tended to be higher than the PRP results.

SB-22-16 - Approximately a 18 percent failure rate all within the VOC fraction: compound identification was good but concentrations varied – split sample results tended to be higher than the PRP results

### 3.1.2 Groundwater

Of the 946 calculable result pairs for monitoring well samples, 41 exceeded either the RPD or ABS criteria (or approximately 4 percent). In general, the comparability between the split groundwater samples is good with 48 of the 53 split samples having greater than 90 percent agreement between the sample pairs. Of the five samples that exhibited a less than 90 percent agreement all but two samples had a less than 75 percent agreement rate.

Taken as a whole, the split data are sufficiently consistent with the sample data and are considered usable for evaluating contaminant distribution at the site even though the comparisons of concentration results fall outside established review criteria in four percent of the sample pairs.

Some notable sample versus split sample observations are as follows:

Group 1 samples

MW-102-111505 -Approximately a four percent failure rate - VOC fraction: split sample results have high CRQL several low detects in PRP sample could not confirmed. SVOC fraction: split sample results have high CRQL several low detects in PRP sample were not confirmed.

MW-117B-111205, MW-105A-112105, and MW-116A-112205 - SVOC fraction: split sample results have high CRQL several low detects in PRP sample could not be not confirmed, all calculable RPD results met criteria.

Group 2 samples

MW-107DS-081906 - Approximately a 44 percent failure rate all within VOC fraction: high variability in compound identification and concentration – split sample results higher than PRP sample and more compounds identified – most notable are that benzene (120 ppb) and ethybenzene (42 ppb) were found in split sample and PRP reported non-detect for these compounds.

## 3.2 Conclusion

The split sample results indicate that both sets of samples were most likely analyzed and reviewed according to the methods and procedures described in the associated project plans. Both sets of data are usable as reported with the DV qualifiers applied. Data qualified as rejected ("R") can not be used for any purpose. Data associated with any other qualifier should be used with caution and never reported without the associated qualifiers and their definitions.

The comparison of the split sample versus PRP sample results is reasonable. The variability between the two data sets is not considered sufficient to call into question the PRP data results. In particular, those variations identified during review of the soil data are not beyond what would be expected based on the heterogeneous nature of the soil. There was no identifiable trend in the discrepancies between the data sets.

# Split Sample Tables

# 4.0 Acronyms List for Tables

| | |
|---|---|
| ABS | absolute difference |
| CDM | CDM Federal Programs Corporation |
| CRQL | contact required quantitation limit |
| J | estimated result |
| JN | estimated result, presumptive evidence of compound presence |
| K | result is biased high, actual concentration is expected to be lower than the reported value |
| L | result is biased low, actual concentration is expected to be higher than the reported value |
| mg/kg | milligram per kilogram |
| µg/L | microgram per liter |
| µg/kg | microgram per kilogram |
| NA | not applicable |
| NC | not calculable |
| ppb | parts per billion |
| PCB | polychlorinated biphenyl |
| R | rejected result |
| RPD | relative percent difference |
| SVOC | semi-volatile organic compound |
| SOW | statement of work |
| TCL | target compound list |
| TOC | total organic carbon |
| U | undetected with CRQL reported |
| UJ | undetected associated CRQL is estimated |
| VOC | volatile organic compound |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-101DS-002<br>8/30/2005<br>MW-101DS | | SB-101DS-002<br>8/30/2005<br>MW-101DS | | RPD<br><100 | ABS<br><CRQL | CDM-SS-101DS-001<br>8/30/2001<br>MW-101DS | | SS-101DS-001<br>8/30/2005<br>MW-101DS | | RPD<br><100 | ABS<br><CRQL | CDM-SB-08-002<br>10/9/2005<br>SB-08H | | SB-08H-002<br>10/9/2005<br>SB-08H | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | **No VOCs** | | | | | | **No VOCs** | | | | | | **No VOCs** | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 74-87-3 | Chloromethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 75-01-4 | Vinyl Chloride | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 74-83-9 | Bromomethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 75-00-3 | Chloroethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 75-69-4 | Trichlorofluoromethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 75-35-4 | 1,1-Dichloroethene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/kg | | | 23 | U | | | | | 10 | U | | | | | 15 | UJ | | |
| 67-64-1 | Acetone | ug/kg | | | 63 | J | | | | | 17 | J | | | | | 58 | J | | |
| 75-15-0 | Carbon Disulfide | ug/kg | | | 35 | | | | | | 5 | U | | | | | 3 | J | | |
| 79-20-9 | Methyl Acetate | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 75-09-2 | Methylene Chloride | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 78-93-3 | 2-Butanone | ug/kg | | | 18 | J | | | | | 10 | UJ | | | | | 15 | UJ | | |
| 74-97-5 | Chlorobromomethane | ug/kg | | | | | | | | | | | | | | | | | | |
| 67-66-3 | Chloroform | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 110-82-7 | Cyclohexane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 56-23-5 | Carbon Tetrachloride | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 71-43-2 | Benzene | ug/kg | | | 45 | | | | | | 1 | J | | | | | 8 | UJ | | |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 123-91-1 | 1,4-Dioxane | ug/kg | | | | | | | | | | | | | | | | | | |
| 79-01-6 | Trichloroethene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 108-87-2 | Metylcyclohexane | ug/kg | | | 65 | | | | | | 5 | U | | | | | 8 | UJ | | |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 75-27-4 | Bromodichloromethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/kg | | | 23 | U | | | | | 10 | U | | | | | 15 | UJ | | |
| 108-88-3 | Toluene | ug/kg | | | 9 | J | | | | | 5 | U | | | | | 8 | UJ | | |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 127-18-4 | Tetrachloroethene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 591-78-6 | 2-Hexanone | ug/kg | | | 23 | U | | | | | 10 | U | | | | | 15 | UJ | | |
| 124-48-1 | Dibromochloromethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 106-93-4 | 1,2-Dibromoethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 108-90-7 | Chlorobenzene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 100-41-4 | Ethylbenzene | ug/kg | | | 9 | J | | | | | 5 | U | | | | | 8 | UJ | | |
| 95-47-6 | o-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 179601-23-1 | m,p-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 100-42-5 | Styrene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 75-25-2 | Bromoform | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 98-82-8 | Isopropylbenzene | ug/kg | | | 8 | J | | | | | 5 | U | | | | | 8 | UJ | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | | | 12 | U | | | | | 5 | U | | | | | 8 | UJ | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-101DS-002<br>8/30/2005<br>MW-101DS | | SB-101DS-002<br>8/30/2005<br>MW-101DS | | RPD<br><100 | ABS<br><CRQL | CDM-SS-101DS-001<br>8/30/2001<br>MW-101DS | | SS-101DS-001<br>8/30/2005<br>MW-101DS | | RPD<br><100 | ABS<br><CRQL | CDM-SB-08-002<br>10/9/2005<br>SB-08H | | SB-08H-002<br>10/9/2005<br>SB-08H | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 750 | J | 940 | U | NC | 190 |
| 108-95-2 | Phenol | ug/kg | 13000 | UJ | 360 | J | NC | 12640 | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 95-48-7 | 2-Methylphenol | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 98-86-2 | Acetophenone | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 106-44-5 | 4-Methylphenol | ug/kg | 13000 | UJ | 210 | J | NC | 12790 | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 67-72-1 | Hexachloroethane | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 98-95-3 | Nitrobenzene | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 78-59-1 | Isophorone | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 91-20-3 | Naphthalene | ug/kg | 13000 | UJ | 2300 | | NC | 10700 | 1500 | J | 11000 | J | NA | 9500 | 96000 | | 1100 | | 195.5 | NA |
| 106-47-8 | 4-Chloroaniline | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 105-60-2 | Caprolactam | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | UJ | 940 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 13000 | UJ | 390 | J | NC | 12610 | 630 | J | 4900 | J | NA | 4270 | 20000 | | 650 | J | 187.4 | 19350 |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 13000 | UJ | 1200 | UJ | | | 1900 | UJ | 2700 | UJ | | | 1300 | U | 2800 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 32000 | UJ | 390 | U | | | 4800 | UJ | 910 | U | | | 3200 | U | 940 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/kg | 13000 | UJ | 350 | J | NC | 12650 | 1900 | UJ | 910 | J | NC | 990 | 3200 | | 200 | J | NA | 3000 |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/kg | 32000 | UJ | 390 | U | | | 4800 | UJ | 910 | U | | | 3200 | U | 940 | U | | |
| 131-11-3 | Dimethylphthalate | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 208-96-8 | Acenaphthylene | ug/kg | 13000 | UJ | 3100 | | NC | 9900 | 540 | J | 3300 | | NA | 2760 | 430 | J | 1400 | | NA | 970 |
| 99-09-2 | 3-Nitroaniline | ug/kg | 32000 | UJ | 390 | U | | | 4800 | UJ | 910 | U | | | 3200 | U | 940 | U | | |
| 83-32-9 | Acenaphthene | ug/kg | 21000 | J | 19000 | | 10.0 | NA | 3200 | J | 13000 | J | 121.0 | NA | 23000 | | 4600 | | 133.3 | NA |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-101DS-002<br>8/30/2005<br>MW-101DS | | SB-101DS-002<br>8/30/2005<br>MW-101DS | | RPD<br><100 | ABS<br><CRQL | CDM-SS-101DS-001<br>8/30/2001<br>MW-101DS | | SS-101DS-001<br>8/30/2005<br>MW-101DS | | RPD<br><100 | ABS<br><CRQL | CDM-SB-08-002<br>10/9/2005<br>SB-08H | | SB-08H-002<br>10/9/2005<br>SB-08H | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 32000 | UJ | 4700 | U | | | 4800 | UJ | 11000 | UJ | | | 3200 | U | 11000 | UJ | | |
| 100-02-7 | 4-Nitrophenol | ug/kg | 32000 | UJ | 1200 | U | | | 4800 | UJ | 2700 | U | | | 3200 | UJ | 2800 | U | | |
| 132-64-9 | Dibenzofuran | ug/kg | 18000 | J | 18000 | | 0.0 | 0 | 1200 | J | 7100 | J | NA | 5900 | 35000 | | 2100 | | 177.4 | NA |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 84-66-2 | Diethylphthalate | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 86-73-7 | Fluorene | ug/kg | 28000 | J | 26000 | | 7.4 | NA | 2400 | J | 12000 | J | 133.3 | NA | 68000 | | 4000 | | 177.8 | NA |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/kg | 32000 | UJ | 390 | U | | | 4800 | UJ | 910 | U | | | 3200 | U | 940 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/kg | 32000 | UJ | 1200 | U | | | 4800 | UJ | 2700 | UJ | | | 3200 | U | 2800 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 1912-24-9 | Atrazine | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 87-86-5 | Pentachlorophenol | ug/kg | 32000 | UJ | 1200 | U | | | 4800 | UJ | 2700 | U | | | 3200 | U | 2800 | U | | |
| 85-01-8 | Phenanthrene | ug/kg | 34000 | J | 36000 | | 5.7 | NA | 21000 | J | 85000 | | 120.8 | NA | 83000 | | 36000 | | 79.0 | NA |
| 120-12-7 | Anthracene | ug/kg | 17000 | J | 18000 | | 5.7 | NA | 5700 | J | 22000 | | 117.7 | NA | 8500 | | 12000 | | 34.1 | NA |
| 86-74-8 | Carbazole | ug/kg | 13000 | UJ | 1300 | | NC | 11700 | 4300 | J | 12000 | J | 94.5 | NA | 43000 | | 3700 | | 168.3 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 206-44-0 | Fluoranthene | ug/kg | 99000 | J | 69000 | | 35.7 | NA | 44000 | J | 140000 | | 104.3 | NA | 33000 | | 56000 | | 51.7 | NA |
| 129-00-0 | Pyrene | ug/kg | 68000 | J | 59000 | | 14.2 | NA | 37000 | J | 120000 | | 105.7 | NA | 29000 | | 47000 | | 47.4 | NA |
| 85-68-7 | Butylbenzylphthalate | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 13000 | UJ | 790 | U | | | 1900 | UJ | 1900 | U | | | 1300 | U | 1900 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 28000 | J | 25000 | | 11.3 | NA | 21000 | J | 72000 | | 109.7 | NA | 11000 | J | 28000 | | 87.2 | NA |
| 218-01-9 | Chrysene | ug/kg | 26000 | J | 24000 | | 8.0 | NA | 20000 | J | 71000 | | 112.1 | NA | 10000 | J | 25000 | | 85.7 | NA |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/kg | 13000 | UJ | 790 | U | | | 390 | J | 1700 | J | 125.4 | NA | 1300 | U | 490 | J | NC | 810 |
| 117-84-0 | Di-n-octylphthalate | ug/kg | 13000 | UJ | 390 | U | | | 1900 | UJ | 910 | U | | | 1300 | U | 940 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 23000 | J | 26000 | | 12.2 | NA | 22000 | J | 88000 | | 120.0 | NA | 13000 | J | 31000 | | 81.8 | NA |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 24000 | J | 11000 | | 74.3 | NA | 12000 | J | 41000 | | 109.4 | NA | 4400 | | 16000 | | 113.7 | NA |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 27000 | J | 25000 | | 7.7 | NA | 21000 | J | 71000 | | 108.7 | NA | 5300 | | 25000 | | 130.0 | NA |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 16000 | J | 14000 | | 13.3 | NA | 10000 | J | 43000 | | 124.5 | NA | 4800 | | 15000 | | 103.0 | NA |
| 53-70-3 | Dibenz(a,h)anthracene | ug/kg | 7000 | J | 4900 | | 35.3 | NA | 4900 | J | 14000 | J | 96.3 | NA | 2100 | | 4600 | | 74.6 | NA |
| 191-24-2 | Benzo(g,h,i)perylene | ug/kg | 11000 | J | 17000 | | 42.9 | NA | 3900 | J | 46000 | | 168.7 | NA | 3500 | | 15000 | | 124.3 | NA |
| 58-90-2 | Chlorophenols | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SB-101DS-002 8/30/2005 MW-101DS | | SB-101DS-002 8/30/2005 MW-101DS | | RPD <100 | ABS <CRQL | CDM-SS-101DS-001 8/30/2001 MW-101DS | | SS-101DS-001 8/30/2005 MW-101DS | | RPD <100 | ABS <CRQL | CDM-SB-08-002 10/9/2005 SB-08H | | SB-08H-002 10/9/2005 SB-08H | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Aroclors** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/kg | 43 | UJ | 170 | U | | | 38 | UJ | 820 | U | | | 42 | U | 39 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/kg | 87 | UJ | 77 | U | | | 78 | UJ | 360 | U | | | 86 | U | 39 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/kg | 43 | UJ | 110 | U | | | 38 | UJ | 530 | U | | | 42 | U | 39 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/kg | 43 | UJ | 77 | U | | | 38 | UJ | 360 | U | | | 42 | U | 39 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/kg | 43 | UJ | 260 | U | | | 38 | UJ | 1200 | U | | | 42 | U | 39 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/kg | 43 | UJ | 77 | U | | | 38 | UJ | 360 | U | | | 42 | U | 47 | | NC | 5 |
| 11096-82-5 | Aroclor-1260 | ug/kg | 43 | UJ | 260 | U | | | 38 | UJ | 1200 | U | | | 42 | U | 39 | U | | |
| 37324-23-5 | Aroclor-1262 | ug/kg | | | | | | | | | | | | | | | | | | |
| 11100-14-4 | Aroclor-1268 | ug/kg | | | | | | | | | | | | | | | | | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | | **No Metals** | | | | | |
| 7439-97-6 | Mercury | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | mg/Kg | 0.8 | J | | | | | 0.37 | J | | | | | | | | | | |
| 7429-90-5 | Aluminum | mg/Kg | 3470 | | | | | | 7410 | | | | | | | | | | | |
| 7440-38-2 | Arsenic | mg/Kg | 13.5 | | 9.2 | | 37.9 | NA | 15.5 | | 19.5 | | 22.9 | NA | | | 11.9 | | | |
| 7440-39-3 | Barium | mg/Kg | 30.8 | | | | | | 96.6 | | | | | | | | | | | |
| 7440-41-7 | Beryllium | mg/Kg | 0.16 | J | | | | | 0.52 | J | | | | | | | | | | |
| 7440-70-2 | Calcium | mg/Kg | 5650 | J | | | | | 9410 | J | | | | | | | | | | |
| 7440-43-9 | Cadmium | mg/Kg | 0.67 | | | | | | 0.65 | | | | | | | | | | | |
| 7440-48-4 | Cobalt | mg/Kg | 6.6 | | | | | | 7 | | | | | | | | | | | |
| 7440-47-3 | Chromium | mg/Kg | 8.1 | | | | | | 16.1 | | 26.3 | | 48.1 | NA | | | 25.2 | | | |
| 7440-50-8 | Copper | mg/Kg | 42.2 | | | | | | 78.6 | | | | | | | | | | | |
| 7439-89-6 | Iron | mg/Kg | 37800 | | | | | | 16200 | | | | | | | | | | | |
| 7440-09-7 | Potassium | mg/Kg | 300 | J | | | | | 941 | | | | | | | | | | | |
| 7439-95-4 | Magnesium | mg/Kg | 1410 | | | | | | 3180 | | | | | | | | | | | |
| 7439-96-5 | Manganese | mg/Kg | 251 | | | | | | 237 | | | | | | | | | | | |
| 7440-23-5 | Sodium | mg/Kg | 274 | J | | | | | 339 | J | | | | | | | | | | |
| 7440-02-0 | Nickel | mg/Kg | 11.2 | | | | | | 14.9 | | | | | | | | | | | |
| 7439-92-1 | Lead | mg/Kg | 87.9 | | 40 | | 74.9 | NA | 150 | | 167 | | 10.7 | NA | | | 443 | | | |
| 7782-49-2 | Selenium | mg/Kg | 2.5 | J | | | | | 1 | J | | | | | | | | | | |
| 7440-36-0 | Antimony | mg/Kg | 1.6 | J | | | | | 1.9 | J | | | | | | | | | | |
| 7440-28-0 | Thallium | mg/Kg | 1.9 | J | | | | | 2.9 | U | | | | | | | | | | |
| 7440-62-2 | Vanadium | mg/Kg | 17.8 | | | | | | 32.6 | | | | | | | | | | | |
| 7440-66-6 | Zinc | mg/Kg | 96.9 | | | | | | 127 | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 629 | Dup-pairs | 24 | Dup-pairs | 24 | Dup-pairs | 23 |
| Total Failed | 149 | Failed Criteria | 0 | Failed Criteria | 18 | Failed Criteria | 10 |
| % Failed of Total | 23.69% | % Failed | 0.00% | % Failed | 75.00% | % Failed | 43.48% |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-08H-004<br>10/9/2005<br>SB-08H | | SB-08H-004<br>10/9/2005<br>SB-08H | | RPD<br><100 | ABS<br><CRQL | CDM-SB-12L-003<br>10/25/2005<br>SB-12L | | SB-12L-003<br>10/25/2005<br>SB-12L | | RPD<br><100 | ABS<br><CRQL | CDM-SB-12L-004<br>10/25/2005<br>SB-12L | | SB-12L-004<br>10/25/2005<br>SB-12L | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | **No VOCs** | | | | | | **No VOCs** | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 2 | J | 240 | U | NC | 238 | | | 6 | U | | | | | 5 | U | | |
| 74-87-3 | Chloromethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 75-01-4 | Vinyl Chloride | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 74-83-9 | Bromomethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 75-00-3 | Chloroethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/kg | 10 | U | 480 | U | | | | | 11 | U | | | | | 11 | U | | |
| 67-64-1 | Acetone | ug/kg | 3 | J | 970 | UJ | NC | 967 | | | 25 | J | | | | | 21 | UJ | | |
| 75-15-0 | Carbon Disulfide | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 79-20-9 | Methyl Acetate | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 75-09-2 | Methylene Chloride | ug/kg | 10 | U | 240 | U | | | | | 6 | UJ | | | | | 5 | UJ | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 78-93-3 | 2-Butanone | ug/kg | 10 | UJ | 480 | UJ | | | | | 11 | UJ | | | | | 11 | UJ | | |
| 74-97-5 | Chlorobromomethane | ug/kg | | | | | | | | | | | | | | | | | | |
| 67-66-3 | Chloroform | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 110-82-7 | Cyclohexane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 71-43-2 | Benzene | ug/kg | 4 | J | 240 | U | NC | 236 | | | 2 | J | | | | | 5 | U | | |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 123-91-1 | 1,4-Dioxane | ug/kg | | | | | | | | | | | | | | | | | | |
| 79-01-6 | Trichloroethene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 108-87-2 | Metylcyclohexane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 75-27-4 | Bromodichloromethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/kg | 10 | U | 480 | U | | | | | 11 | U | | | | | 11 | U | | |
| 108-88-3 | Toluene | ug/kg | 5 | J | 240 | U | NC | 235 | | | 6 | U | | | | | 2 | J | | |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 127-18-4 | Tetrachloroethene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 591-78-6 | 2-Hexanone | ug/kg | 10 | UJ | 480 | U | | | | | 11 | U | | | | | 11 | U | | |
| 124-48-1 | Dibromochloromethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 108-90-7 | Chlorobenzene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 100-41-4 | Ethylbenzene | ug/kg | 3 | J | 240 | U | NC | 237 | | | 7 | | | | | | 9 | | | |
| 95-47-6 | o-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 179601-23-1 | m,p-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 100-42-5 | Styrene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 75-25-2 | Bromoform | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 98-82-8 | Isopropylbenzene | ug/kg | 0.6 | J | 240 | U | NC | 239.4 | | | 6 | | | | | | 5 | J | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 10 | U | 240 | U | | | | | 6 | U | | | | | 5 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SB-08H-004 10/9/2005 SB-08H | | SB-08H-004 10/9/2005 SB-08H | | RPD <100 | ABS <CRQL | CDM-SB-12L-003 10/25/2005 SB-12L | | SB-12L-003 10/25/2005 SB-12L | | RPD <100 | ABS <CRQL | CDM-SB-12L-004 10/25/2005 SB-12L | | SB-12L-004 10/25/2005 SB-12L | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/kg | 400 | U | 200 | UJ | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 108-95-2 | Phenol | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 95-48-7 | 2-Methylphenol | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 98-86-2 | Acetophenone | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 106-44-5 | 4-Methylphenol | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 621-64-7 | *n-Nitroso-di-n-propylamine* | *ug/kg* | 400 | U | 200 | U | | | 420 | UJ | 200 | U | | | 410 | UJ | 210 | U | | |
| 67-72-1 | Hexachloroethane | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 98-95-3 | Nitrobenzene | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 78-59-1 | Isophorone | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 91-20-3 | Naphthalene | ug/kg | 270 | J | 140 | J | NA | 130 | 89 | J | 66 | J | NA | 23 | 130 | J | 320 | | NA | 190 |
| 106-47-8 | 4-Chloroaniline | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 105-60-2 | Caprolactam | ug/kg | 400 | UJ | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 160 | J | 83 | J | NA | 77 | 420 | U | 200 | U | | | 410 | U | 140 | J | NC | 270 |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 400 | U | 600 | U | | | 420 | U | 600 | UJ | | | 410 | U | 630 | UJ | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 1000 | U | 200 | U | | | 1100 | U | 200 | U | | | 1000 | U | 210 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 50 | J | NC | 360 |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/kg | 1000 | U | 200 | U | | | 1100 | U | 200 | U | | | 1000 | U | 210 | U | | |
| 131-11-3 | Dimethylphthalate | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 208-96-8 | Acenaphthylene | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/kg | 1000 | U | 200 | U | | | 1100 | U | 200 | U | | | 1000 | U | 210 | U | | |
| 83-32-9 | Acenaphthene | ug/kg | 120 | J | 76 | J | NA | 44 | 140 | J | 83 | J | NA | 57 | 410 | U | 100 | J | NC | 310 |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-08H-004<br>10/9/2005<br>SB-08H | | SB-08H-004<br>10/9/2005<br>SB-08H | | RPD<br><100 | ABS<br><CRQL | CDM-SB-12L-003<br>10/25/2005<br>SB-12L | | SB-12L-003<br>10/25/2005<br>SB-12L | | RPD<br><100 | ABS<br><CRQL | CDM-SB-12L-004<br>10/25/2005<br>SB-12L | | SB-12L-004<br>10/25/2005<br>SB-12L | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1000 | U | 2400 | UJ | | | 1100 | UJ | 2400 | U | | | 1000 | UJ | 2500 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1000 | UJ | 600 | U | | | 1100 | U | 600 | U | | | 1000 | U | 630 | U | | |
| 132-64-9 | Dibenzofuran | ug/kg | 110 | J | 73 | J | NA | 37 | 130 | J | 87 | J | NA | 43 | 410 | U | 69 | J | NC | 341 |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 84-66-2 | Diethylphthalate | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 86-73-7 | Fluorene | ug/kg | 180 | J | 120 | J | NA | 60 | 140 | J | 81 | J | NA | 59 | 410 | U | 81 | J | NC | 329 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/kg | 1000 | U | 200 | U | | | 1100 | U | 200 | U | | | 1000 | U | 210 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/kg | 1000 | U | 600 | U | | | 1100 | U | 600 | U | | | 1000 | U | 630 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 1912-24-9 | Atrazine | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 87-86-5 | Pentachlorophenol | ug/kg | 1000 | U | 600 | U | | | 1100 | UJ | 600 | U | | | 1000 | UJ | 630 | U | | |
| 85-01-8 | Phenanthrene | ug/kg | 700 | | 500 | | 33.3 | NA | 440 | | 350 | | 22.8 | NA | 170 | J | 270 | | NA | 100 |
| 120-12-7 | Anthracene | ug/kg | 120 | J | 120 | J | NA | 0 | 420 | U | 55 | J | NC | 365 | 410 | U | 54 | J | NC | 356 |
| 86-74-8 | Carbazole | ug/kg | 400 | U | 55 | J | NC | 345 | 87 | J | 47 | J | NA | 40 | 410 | U | 210 | U | | |
| 84-74-2 | Di-n-butylphthalate | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 206-44-0 | Fluoranthene | ug/kg | 340 | J | 290 | | NA | 50 | 190 | J | 130 | J | NA | 60 | 90 | J | 100 | J | NA | 10 |
| 129-00-0 | Pyrene | ug/kg | 370 | J | 250 | | NA | 120 | 180 | J | 120 | J | NA | 60 | 94 | J | 110 | J | NA | 16 |
| 85-68-7 | Butylbenzylphthalate | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 400 | U | 390 | U | | | 420 | U | 400 | U | | | 410 | U | 410 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 120 | J | 100 | J | NA | 20 | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 218-01-9 | Chrysene | ug/kg | 100 | J | 89 | J | NA | 11 | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/kg | 760 | | 190 | J | NA | 570 | 420 | U | 400 | U | | | 410 | U | 410 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/kg | 400 | U | 200 | U | | | 420 | UJ | 200 | U | | | 410 | UJ | 210 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 400 | U | 83 | J | NC | 317 | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 400 | U | 79 | J | NC | 321 | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/kg | 400 | U | 200 | U | | | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/kg | 400 | U | 48 | J | NC | 352 | 420 | U | 200 | U | | | 410 | U | 210 | U | | |
| 58-90-2 | Chlorophenols | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SB-08H-004 10/9/2005 SB-08H | | SB-08H-004 10/9/2005 SB-08H | | RPD <100 | ABS <CRQL | CDM-SB-12L-003 10/25/2005 SB-12L | | SB-12L-003 10/25/2005 SB-12L | | RPD <100 | ABS <CRQL | CDM-SB-12L-004 10/25/2005 SB-12L | | SB-12L-004 10/25/2005 SB-12L | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Aroclors** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/kg | 40 | U | 20 | U | | | 42 | U | 21 | U | | | 41 | U | 21 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/kg | 82 | U | 20 | U | | | 86 | U | 21 | U | | | 83 | U | 21 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/kg | 40 | U | 20 | U | | | 42 | U | 21 | U | | | 41 | U | 21 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/kg | 40 | U | 20 | U | | | 42 | U | 21 | U | | | 41 | U | 21 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/kg | 40 | U | 20 | U | | | 42 | U | 21 | U | | | 41 | U | 21 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/kg | 40 | U | 20 | U | | | 42 | U | 21 | U | | | 41 | U | 21 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/kg | 40 | U | 20 | U | | | 42 | U | 21 | UJ | | | 41 | U | 21 | UJ | | |
| 37324-23-5 | Aroclor-1262 | ug/kg | | | | | | | | | | | | | | | | | | |
| 11100-14-4 | Aroclor-1268 | ug/kg | | | | | | | | | | | | | | | | | | |
| ***Metals*** | ***Inorganic Analytes*** | | **No Metals** | | | | | | **No Metals** | | | | | | **No Metals** | | | | | |
| 7439-97-6 | Mercury | mg/Kg | | | | | | | | | 0.0033 | U | | | | | 0.013 | J | | |
| 7440-22-4 | Silver | mg/Kg | | | | | | | | | 0.24 | U | | | | | 0.24 | U | | |
| 7429-90-5 | Aluminum | mg/Kg | | | | | | | | | 8610 | | | | | | 19900 | | | |
| 7440-38-2 | Arsenic | mg/Kg | | | 22.3 | J | | | | | 3.5 | | | | | | 7.3 | | | |
| 7440-39-3 | Barium | mg/Kg | | | | | | | | | 26.5 | | | | | | 129 | | | |
| 7440-41-7 | Beryllium | mg/Kg | | | | | | | | | 0.39 | J | | | | | 0.97 | | | |
| 7440-70-2 | Calcium | mg/Kg | | | | | | | | | 773 | | | | | | 19600 | | | |
| 7440-43-9 | Cadmium | mg/Kg | | | | | | | | | 0.11 | U | | | | | 0.17 | J | | |
| 7440-48-4 | Cobalt | mg/Kg | | | | | | | | | 5.4 | | | | | | 14.3 | | | |
| 7440-47-3 | Chromium | mg/Kg | | | | | | | | | 10.4 | | | | | | 26.5 | | | |
| 7440-50-8 | Copper | mg/Kg | | | | | | | | | 11.8 | | | | | | 29.4 | | | |
| 7439-89-6 | Iron | mg/Kg | | | | | | | | | 16400 | | | | | | 30500 | | | |
| 7440-09-7 | Potassium | mg/Kg | | | | | | | | | 1380 | | | | | | 4580 | | | |
| 7439-95-4 | Magnesium | mg/Kg | | | | | | | | | 3170 | | | | | | 10100 | | | |
| 7439-96-5 | Manganese | mg/Kg | | | | | | | | | 138 | | | | | | 712 | | | |
| 7440-23-5 | Sodium | mg/Kg | | | | | | | | | 114 | J | | | | | 445 | | | |
| 7440-02-0 | Nickel | mg/Kg | | | | | | | | | 13.6 | | | | | | 30.5 | | | |
| 7439-92-1 | Lead | mg/Kg | | | 12.1 | | | | | | 5.6 | U | | | | | 14.8 | | | |
| 7782-49-2 | Selenium | mg/Kg | | | | | | | | | 1.2 | U | | | | | 1.2 | U | | |
| 7440-36-0 | Antimony | mg/Kg | | | | | | | | | 1 | | | | | | 1.1 | | | |
| 7440-28-0 | Thallium | mg/Kg | | | | | | | | | 1.2 | U | | | | | 1.2 | U | | |
| 7440-62-2 | Vanadium | mg/Kg | | | | | | | | | 15.3 | | | | | | 31.4 | | | |
| 7440-66-6 | Zinc | mg/Kg | | | | | | | | | 31 | U | | | | | 69.3 | U | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| *Total Dup-pairs* | 629 | *Dup-pairs* | 22 | *Dup-pairs* | 9 | *Dup-pairs* | 10 |
| Total Failed | 149 | Failed Criteria | 1 | Failed Criteria | 0 | Failed Criteria | 0 |
| % Failed of Total | 23.69% | % Failed | 4.55% | % Failed | 0.00% | % Failed | 0.00% |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-15D-003<br>10/25/2005<br>SB-15D | SB-15D-003<br>10/25/2005<br>SB-15D | RPD<br><100 | ABS<br><CRQL | CDM-SB-15D-004<br>10/25/2005<br>SB-15D | SB-15D-004<br>10/25/2005<br>SB-15D | RPD<br><100 | ABS<br><CRQL | CDM-SS-109A-001<br>11/8/2005<br>MW-109A | SS-109A-001<br>11/8/2005<br>MW-109A | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | **No VOCs** | | | | **No VOCs** | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 74-87-3 | Chloromethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 75-01-4 | Vinyl Chloride | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 74-83-9 | Bromomethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 75-00-3 | Chloroethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 75-69-4 | Trichlorofluoromethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/kg | | 11 U | | | | 11 U | | | 10 U | 10 U | | |
| 67-64-1 | Acetone | ug/kg | | 22 UJ | | | | 22 UJ | | | 10 U | 48 J | NC | 38 |
| 75-15-0 | Carbon Disulfide | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 79-20-9 | Methyl Acetate | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 75-09-2 | Methylene Chloride | ug/kg | | 5 UJ | | | | 6 UJ | | | 10 UJ | 5 U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 78-93-3 | 2-Butanone | ug/kg | | 11 UJ | | | | 11 UJ | | | 10 U | 10 UJ | | |
| 74-97-5 | Chlorobromomethane | ug/kg | | | | | | | | | | | | |
| 67-66-3 | Chloroform | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 110-82-7 | Cyclohexane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 56-23-5 | Carbon Tetrachloride | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 71-43-2 | Benzene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 0.8 J | NC | 9.2 |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 123-91-1 | 1,4-Dioxane | ug/kg | | | | | | | | | | | | |
| 79-01-6 | Trichloroethene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 108-87-2 | Metylcyclohexane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 75-27-4 | Bromodichloromethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/kg | | 11 U | | | | 11 U | | | 10 U | 10 U | | |
| 108-88-3 | Toluene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 127-18-4 | Tetrachloroethene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 591-78-6 | 2-Hexanone | ug/kg | | 11 U | | | | 11 U | | | 10 U | 10 UJ | | |
| 124-48-1 | Dibromochloromethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 108-90-7 | Chlorobenzene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 100-41-4 | Ethylbenzene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 95-47-6 | o-Xylene | ug/kg | | | | | | | | | | | | |
| 179601-23-1 | m,p-Xylene | ug/kg | | | | | | | | | | | | |
| 100-42-5 | Styrene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 75-25-2 | Bromoform | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 98-82-8 | Isopropylbenzene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | | 5 U | | | | 6 U | | | 10 U | 5 U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\\ | CDM-SB-15D-003<br>10/25/2005<br>SB-15D | | SB-15D-003<br>10/25/2005<br>SB-15D | | RPD<br><100 | ABS<br><CRQL | CDM-SB-15D-004<br>10/25/2005<br>SB-15D | | SB-15D-004<br>10/25/2005<br>SB-15D | | RPD<br><100 | ABS<br><CRQL | CDM-SS-109A-001<br>11/8/2005<br>MW-109A | | SS-109A-001<br>11/8/2005<br>MW-109A | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 108-95-2 | Phenol | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 95-48-7 | 2-Methylphenol | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 98-86-2 | Acetophenone | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 106-44-5 | 4-Methylphenol | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/kg | 390 | UJ | 190 | U | | | 400 | UJ | 210 | U | | | 370 | U | 190 | U | | |
| 67-72-1 | Hexachloroethane | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 98-95-3 | Nitrobenzene | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 78-59-1 | Isophorone | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 91-20-3 | Naphthalene | ug/kg | 130 | J | 1500 | | NA | 1370 | 400 | U | 210 | U | | | 370 | U | 59 | J | NC | 311 |
| 106-47-8 | 4-Chloroaniline | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 105-60-2 | Caprolactam | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 110 | J | 630 | | NA | 520 | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 390 | U | 570 | UJ | | | 400 | U | 620 | UJ | | | 370 | U | 560 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 990 | U | 190 | U | | | 1000 | U | 210 | U | | | 920 | U | 190 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/kg | 390 | U | 260 | | NC | 130 | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/kg | 990 | U | 190 | U | | | 1000 | U | 210 | U | | | 920 | U | 190 | U | | |
| 131-11-3 | Dimethylphthalate | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 92 | J | 190 | U | NC | 98 | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 208-96-8 | Acenaphthylene | ug/kg | 390 | U | 670 | | NC | 280 | 400 | U | 210 | U | | | 52 | J | 400 | | NA | 348 |
| 99-09-2 | 3-Nitroaniline | ug/kg | 990 | U | 190 | U | | | 1000 | U | 210 | U | | | 920 | U | 190 | U | | |
| 83-32-9 | Acenaphthene | ug/kg | 240 | J | 200 | | 18.2 | NA | 400 | U | 210 | U | | | 79 | J | 350 | | NA | 271 |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-15D-003<br>10/25/2005<br>SB-15D | | SB-15D-003<br>10/25/2005<br>SB-15D | | RPD<br><100 | ABS<br><CRQL | CDM-SB-15D-004<br>10/25/2005<br>SB-15D | | SB-15D-004<br>10/25/2005<br>SB-15D | | RPD<br><100 | ABS<br><CRQL | CDM-SS-109A-001<br>11/8/2005<br>MW-109A | | SS-109A-001<br>11/8/2005<br>MW-109A | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 990 | UJ | 2300 | U | | | 1000 | UJ | 2500 | U | | | 920 | U | 2200 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/kg | 990 | U | 570 | U | | | 1000 | U | 620 | U | | | 920 | U | 560 | U | | |
| 132-64-9 | Dibenzofuran | ug/kg | 160 | J | 430 | | NA | 270 | 400 | U | 210 | U | | | 370 | U | 170 | J | NC | 200 |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 84-66-2 | Diethylphthalate | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 86-73-7 | Fluorene | ug/kg | 360 | J | 150 | J | NA | 210 | 400 | U | 210 | U | | | 63 | J | 380 | | NA | 317 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/kg | 990 | U | 190 | U | | | 1000 | U | 210 | U | | | 920 | U | 190 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/kg | 990 | U | 570 | U | | | 1000 | U | 620 | U | | | 920 | U | 560 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 1912-24-9 | Atrazine | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 87-86-5 | Pentachlorophenol | ug/kg | 990 | UJ | 570 | U | | | 1000 | UJ | 620 | U | | | 920 | UJ | 560 | U | | |
| 85-01-8 | Phenanthrene | ug/kg | 3900 | | 2200 | | 55.7 | NA | 400 | U | 210 | U | | | 530 | | 3200 | | 143.2 | NA |
| 120-12-7 | Anthracene | ug/kg | 1500 | | 1300 | | 14.3 | NA | 400 | U | 210 | U | | | 140 | J | 980 | | NA | 840 |
| 86-74-8 | Carbazole | ug/kg | 220 | J | 250 | | NA | 30 | 400 | U | 210 | U | | | 60 | J | 210 | | NA | 150 |
| 84-74-2 | Di-n-butylphthalate | ug/kg | 390 | U | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 206-44-0 | Fluoranthene | ug/kg | 7800 | | 4400 | | 55.7 | NA | 400 | U | 210 | U | | | 1400 | | 4600 | | 106.7 | NA |
| 129-00-0 | Pyrene | ug/kg | 8600 | J | 4600 | | 60.6 | NA | 400 | U | 210 | U | | | 1400 | | 4100 | | 98.2 | NA |
| 85-68-7 | Butylbenzylphthalate | ug/kg | 390 | UJ | 190 | U | | | 400 | U | 210 | U | | | 370 | U | 190 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 390 | UJ | 380 | U | | | 400 | U | 410 | U | | | 370 | U | 370 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 4000 | J | 3700 | | 7.8 | NA | 400 | U | 210 | U | | | 680 | | 3000 | | 126.1 | NA |
| 218-01-9 | Chrysene | ug/kg | 4000 | J | 4300 | | 7.2 | NA | 400 | U | 210 | U | | | 640 | | 2700 | | 123.4 | NA |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/kg | 390 | UJ | 140 | J | NC | 250 | 400 | U | 410 | U | | | 370 | U | 370 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/kg | 390 | UJ | 190 | U | | | 400 | UJ | 210 | U | | | 370 | U | 190 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 3000 | | 7000 | | 80.0 | NA | 400 | U | 210 | U | | | 1000 | | 3700 | | 114.9 | NA |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 2400 | | 4400 | | 58.8 | NA | 400 | U | 210 | U | | | 270 | J | 1600 | | NA | 1330 |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 2300 | | 3600 | | 44.1 | NA | 400 | U | 210 | U | | | 720 | | 2900 | | 120.4 | NA |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 2400 | | 3600 | | 40.0 | NA | 400 | U | 210 | U | | | 490 | | 1600 | | 106.2 | NA |
| 53-70-3 | Dibenz(a,h)anthracene | ug/kg | 840 | | 1700 | | 67.7 | NA | 400 | U | 210 | U | | | 120 | J | 440 | | NA | 320 |
| 191-24-2 | Benzo(g,h,i)perylene | ug/kg | 2300 | | 3800 | | 49.2 | NA | 400 | U | 210 | U | | | 460 | | 1700 | | 114.8 | NA |
| 58-90-2 | Chlorophenols | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SB-15D-003 10/25/2005 SB-15D | SB-15D-003 10/25/2005 SB-15D | RPD <100 | ABS <CRQL | CDM-SB-15D-004 10/25/2005 SB-15D | SB-15D-004 10/25/2005 SB-15D | RPD <100 | ABS <CRQL | CDM-SS-109A-001 11/8/2005 MW-109A | SS-109A-001 11/8/2005 MW-109A | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Aroclors** | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/kg | 39 U | 19 UJ | | | 40 U | 21 U | | | 36 U | 19 U | | |
| 11104-28-2 | Aroclor-1221 | ug/kg | 80 U | 19 UJ | | | 81 U | 21 U | | | 74 U | 19 U | | |
| 11141-16-5 | Aroclor-1232 | ug/kg | 39 U | 19 UJ | | | 40 U | 21 U | | | 36 U | 19 U | | |
| 53469-21-9 | Aroclor-1242 | ug/kg | 39 U | 19 UJ | | | 40 U | 21 U | | | 36 U | 19 U | | |
| 12672-29-6 | Aroclor-1248 | ug/kg | 39 U | 19 UJ | | | 40 U | 21 U | | | 36 U | 19 U | | |
| 11097-69-1 | Aroclor-1254 | ug/kg | 39 U | 9.9 J | NC | 29.1 | 40 U | 21 U | | | 36 U | 17 J | NC | 19 |
| 11096-82-5 | Aroclor-1260 | ug/kg | 39 U | 20 J | NC | 19 | 40 U | 21 UJ | | | 36 U | 14 J | NC | 22 |
| 37324-23-5 | Aroclor-1262 | ug/kg | | | | | | | | | | | | |
| 11100-14-4 | Aroclor-1268 | ug/kg | | | | | | | | | | | | |
| **Metals** | **Inorganic Analytes** | | **No Metals** | | | | **No Metals** | | | | **No Metals** | | | |
| 7439-97-6 | Mercury | mg/Kg | | 3.9 | | | | 0.0033 U | | | | | | |
| 7440-22-4 | Silver | mg/Kg | | 1.2 | | | | 0.24 U | | | | | | |
| 7429-90-5 | Aluminum | mg/Kg | | 11700 | | | | 22100 | | | | | | |
| 7440-38-2 | Arsenic | mg/Kg | | 219 | | | | 5.8 | | | | 7.4 | | |
| 7440-39-3 | Barium | mg/Kg | | 315 | | | | 136 | | | | | | |
| 7440-41-7 | Beryllium | mg/Kg | | 0.17 J | | | | 1.1 | | | | | | |
| 7440-70-2 | Calcium | mg/Kg | | 14800 | | | | 19600 | | | | | | |
| 7440-43-9 | Cadmium | mg/Kg | | 0.31 J | | | | 0.14 J | | | | | | |
| 7440-48-4 | Cobalt | mg/Kg | | 11.1 | | | | 13.5 | | | | | | |
| 7440-47-3 | Chromium | mg/Kg | | 11.5 | | | | 30.6 | | | | 14.2 | | |
| 7440-50-8 | Copper | mg/Kg | | 181 | | | | 29.1 | | | | | | |
| 7439-89-6 | Iron | mg/Kg | | 31000 | | | | 29900 | | | | | | |
| 7440-09-7 | Potassium | mg/Kg | | 977 | | | | 5460 | | | | | | |
| 7439-95-4 | Magnesium | mg/Kg | | 3030 | | | | 10600 | | | | | | |
| 7439-96-5 | Manganese | mg/Kg | | 120 | | | | 653 | | | | | | |
| 7440-23-5 | Sodium | mg/Kg | | 2220 | | | | 374 | | | | | | |
| 7440-02-0 | Nickel | mg/Kg | | 8.6 | | | | 29.8 | | | | | | |
| 7439-92-1 | Lead | mg/Kg | | 906 | | | | 14.7 | | | | 26.9 | | |
| 7782-49-2 | Selenium | mg/Kg | | 12 | | | | 1.2 U | | | | | | |
| 7440-36-0 | Antimony | mg/Kg | | 5.7 | | | | 1.1 | | | | | | |
| 7440-28-0 | Thallium | mg/Kg | | 2.3 | | | | 1.2 U | | | | | | |
| 7440-62-2 | Vanadium | mg/Kg | | 49.7 | | | | 35.8 | | | | | | |
| 7440-66-6 | Zinc | mg/Kg | | 98.9 | | | | 68.5 U | | | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 629 | Dup-pairs | 24 | Dup-pairs | 0 | Dup-pairs | 22 |
| Total Failed | 149 | Failed Criteria | 2 | Failed Criteria | 0 | Failed Criteria | 10 |
| % Failed of Total | 23.69% | % Failed | 8.33% | % Failed | | % Failed | 45.45% |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SS-106A-001<br>11/9/2005<br>MW-106A | | SS-106A-001<br>11/9/2005<br>MW-106A | | RPD<br><100 | ABS<br><CRQL | CDM-SB-106A-003<br>11/9/2005<br>MW-106A | | SB-106A-003<br>11/9/2005<br>MW-106A | | RPD<br><100 | ABS<br><CRQL | CDM-SS-16-001<br>11/9/2005<br>SB-16 | | SS-16P-001<br>11/9/2005<br>SB-16P | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 10 | UJ | 6 | UJ | | | 2500 | UJ | 1000 | UJ | | | 11 | UJ | 5 | UJ | | |
| 74-87-3 | Chloromethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 75-01-4 | Vinyl Chloride | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 74-83-9 | Bromomethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 75-00-3 | Chloroethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/kg | 10 | UJ | 11 | U | | | 2500 | UJ | 2100 | U | | | 11 | UJ | 11 | U | | |
| 67-64-1 | Acetone | ug/kg | 12 | UJ | 23 | J | NC | 11 | 2500 | UJ | 4200 | UJ | | | 11 | UJ | 19 | J | NC | 8 |
| 75-15-0 | Carbon Disulfide | ug/kg | 10 | UJ | 3 | J | NC | 7 | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 79-20-9 | Methyl Acetate | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 75-09-2 | Methylene Chloride | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 78-93-3 | 2-Butanone | ug/kg | 10 | UJ | 11 | UJ | | | 2500 | UJ | 2100 | U | | | 11 | UJ | 11 | UJ | | |
| 74-97-5 | Chlorobromomethane | ug/kg | | | | | | | | | | | | | | | | | | |
| 67-66-3 | Chloroform | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 110-82-7 | Cyclohexane | ug/kg | 3 | J | 6 | U | NC | 3 | 120000 | J | 45000 | | 90.91 | NA | 11 | UJ | 5 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 71-43-2 | Benzene | ug/kg | 10 | UJ | 6 | U | | | 9500 | J | 7700 | | 20.93 | NA | 11 | UJ | 5 | U | | |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 123-91-1 | 1,4-Dioxane | ug/kg | | | | | | | | | | | | | | | | | | |
| 79-01-6 | Trichloroethene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 108-87-2 | Metylcyclohexane | ug/kg | 5 | J | 6 | U | NC | 1 | 360000 | J | 190000 | | 61.82 | NA | 11 | UJ | 5 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 75-27-4 | Bromodichloromethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/kg | 10 | UJ | 11 | U | | | 2500 | UJ | 2100 | U | | | 11 | UJ | 11 | U | | |
| 108-88-3 | Toluene | ug/kg | 10 | UJ | 6 | U | | | 140000 | J | 92000 | | 41.38 | NA | 11 | UJ | 5 | U | | |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/kg | 10 | UJ | 6 | U | | | 1200 | J | 1000 | U | NC | 200 | 11 | UJ | 5 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 127-18-4 | Tetrachloroethene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 591-78-6 | 2-Hexanone | ug/kg | 10 | UJ | 11 | U | | | 2500 | UJ | 2100 | U | | | 11 | UJ | 11 | U | | |
| 124-48-1 | Dibromochloromethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 108-90-7 | Chlorobenzene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 100-41-4 | Ethylbenzene | ug/kg | 10 | UJ | 6 | U | | | 44000 | J | 20000 | | 75.00 | NA | 11 | UJ | 5 | U | | |
| 95-47-6 | o-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 179601-23-1 | m,p-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 100-42-5 | Styrene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 75-25-2 | Bromoform | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 98-82-8 | Isopropylbenzene | ug/kg | 10 | UJ | 6 | U | | | 6800 | J | 3000 | | 77.55 | NA | 11 | UJ | 5 | U | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 10 | UJ | 6 | U | | | 2500 | UJ | 1000 | U | | | 11 | UJ | 5 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SS-106A-001<br>11/9/2005<br>MW-106A | | SS-106A-001<br>11/9/2005<br>MW-106A | | RPD<br><100 | ABS<br><CRQL | CDM-SB-106A-003<br>11/9/2005<br>MW-106A | | SB-106A-003<br>11/9/2005<br>MW-106A | | RPD<br><100 | ABS<br><CRQL | CDM-SS-16-001<br>11/9/2005<br>SB-16 | | SS-16P-001<br>11/9/2005<br>SB-16P | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 108-95-2 | Phenol | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 95-48-7 | 2-Methylphenol | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | UJ | 190 | U | | |
| 98-86-2 | Acetophenone | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 106-44-5 | 4-Methylphenol | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 621-64-7 | *n-Nitroso-di-n-propylamine* | *ug/kg* | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 67-72-1 | Hexachloroethane | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 98-95-3 | Nitrobenzene | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 78-59-1 | Isophorone | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 91-20-3 | Naphthalene | ug/kg | 360 | J | 600 | | NA | 240 | 380 | J | 14000 | U | NC | 13620 | 370 | U | 190 | U | | |
| 106-47-8 | 4-Chloroaniline | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | UJ | 190 | U | | |
| 105-60-2 | Caprolactam | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 180 | J | 250 | | NA | 70 | 400 | J | 14000 | U | NC | 13600 | 370 | U | 190 | U | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 380 | U | 590 | U | | | 650 | U | 42000 | U | | | 370 | U | 560 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 95-95-4 | *2,4,5-Trichlorophenol* | *ug/kg* | 960 | U | 200 | U | | | 1600 | U | 14000 | U | | | 930 | U | 190 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/kg | 48 | J | 84 | J | NA | 36 | 64 | J | 14000 | U | NC | 13936 | 370 | U | 190 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/kg | 960 | U | 200 | U | | | 1600 | U | 14000 | U | | | 930 | U | 190 | U | | |
| 131-11-3 | Dimethylphthalate | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 208-96-8 | Acenaphthylene | ug/kg | 250 | J | 710 | | NA | 460 | 650 | U | 14000 | U | | | 80 | J | 220 | | NA | 140 |
| *99-09-2* | *3-Nitroaniline* | *ug/kg* | 960 | U | 200 | U | | | 1600 | U | 14000 | U | | | 930 | U | 190 | U | | |
| 83-32-9 | Acenaphthene | ug/kg | 1100 | | 1500 | | 30.8 | NA | 1200 | | 14000 | U | NC | 12800 | 100 | J | 130 | J | NA | 30 |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SS-106A-001 11/9/2005 MW-106A | | SS-106A-001 11/9/2005 MW-106A | | RPD <100 | ABS <CRQL | CDM-SB-106A-003 11/9/2005 MW-106A | | SB-106A-003 11/9/2005 MW-106A | | RPD <100 | ABS <CRQL | CDM-SS-16-001 11/9/2005 SB-16 | | SS-16P-001 11/9/2005 SB-16P | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 960 | U | 2400 | U | | | 1600 | U | 170000 | U | | | 930 | U | 2200 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/kg | 960 | UJ | 590 | U | | | 1600 | UJ | 42000 | U | | | 930 | U | 560 | U | | |
| 132-64-9 | Dibenzofuran | ug/kg | 350 | J | 510 | | 37.2 | NA | 300 | J | 14000 | U | NC | 13700 | 43 | J | 42 | J | 2.4 | NA |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 84-66-2 | Diethylphthalate | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 86-73-7 | Fluorene | ug/kg | 730 | | 990 | | 30.2 | NA | 950 | | 14000 | U | NC | 13050 | 100 | J | 100 | J | 0.0 | NA |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/kg | 960 | UJ | 200 | U | | | 1600 | UJ | 14000 | U | | | 930 | U | 190 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/kg | 960 | U | 590 | U | | | 1600 | U | 42000 | U | | | 930 | U | 560 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 1912-24-9 | Atrazine | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 87-86-5 | Pentachlorophenol | ug/kg | 960 | U | 590 | U | | | 1600 | U | 42000 | U | | | 930 | UJ | 560 | U | | |
| 85-01-8 | Phenanthrene | ug/kg | 5400 | | 7200 | | 28.6 | NA | 7300 | | 14000 | U | NC | 6700 | 1100 | | 1200 | | 8.7 | NA |
| 120-12-7 | Anthracene | ug/kg | 1600 | | 2400 | | 40.0 | NA | 2300 | | 14000 | U | NC | 11700 | 210 | J | 340 | | 47.3 | NA |
| 86-74-8 | Carbazole | ug/kg | 670 | | 970 | | 36.6 | NA | 530 | J | 14000 | U | NC | 13470 | 120 | J | 130 | J | 8.0 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 206-44-0 | Fluoranthene | ug/kg | 8100 | | 12000 | | 38.8 | NA | 9200 | | 14000 | U | NC | 4800 | 2100 | | 2200 | | 4.7 | NA |
| 129-00-0 | Pyrene | ug/kg | 8700 | | 11000 | | 23.4 | NA | 8900 | | 14000 | U | NC | 5100 | 1800 | | 2100 | | 15.4 | NA |
| 85-68-7 | Butylbenzylphthalate | ug/kg | 380 | U | 200 | U | | | 650 | U | 14000 | U | | | 370 | U | 190 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 380 | U | 390 | U | | | 650 | U | 29000 | U | | | 370 | U | 370 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 4800 | | 6700 | | 33.0 | NA | 5800 | J | 14000 | U | NC | 8200 | 910 | | 1100 | | 18.9 | NA |
| 218-01-9 | Chrysene | ug/kg | 4800 | | 6500 | | 30.1 | NA | 5500 | J | 14000 | U | NC | 8500 | 860 | | 1300 | | 40.7 | NA |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/kg | 130 | J | 390 | U | NC | 260 | 430 | J | 29000 | U | NC | 28570 | 250 | J | 370 | U | NC | 120 |
| 117-84-0 | Di-n-octylphthalate | ug/kg | 380 | UJ | 200 | U | | | 650 | UJ | 14000 | U | | | 370 | U | 190 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 5700 | | 9800 | | 52.9 | NA | 6800 | J | 14000 | U | NC | 7200 | 1100 | | 1700 | | 42.9 | NA |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 2900 | | 3600 | | 21.5 | NA | 1900 | | 14000 | U | NC | 12100 | 360 | J | 700 | | 64.2 | NA |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 4900 | | 7300 | | 39.3 | NA | 5700 | J | 14000 | U | NC | 8300 | 820 | | 1300 | | 45.3 | NA |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 3600 | J | 4600 | | 24.4 | NA | 3500 | | 14000 | U | NC | 10500 | 560 | | 780 | | 32.8 | NA |
| 53-70-3 | Dibenz(a,h)anthracene | ug/kg | 860 | | 1600 | | 60.2 | NA | 830 | | 14000 | U | NC | 13170 | 130 | J | 220 | | 51.4 | NA |
| 191-24-2 | Benzo(g,h,i)perylene | ug/kg | 3300 | J | 4500 | | 30.8 | NA | 3000 | | 14000 | U | NC | 11000 | 530 | | 890 | | 50.7 | NA |
| 58-90-2 | Chlorophenols | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SS-106A-001 11/9/2005 MW-106A | | SS-106A-001 11/9/2005 MW-106A | | RPD <100 | ABS <CRQL | CDM-SB-106A-003 11/9/2005 MW-106A | | SB-106A-003 11/9/2005 MW-106A | | RPD <100 | ABS <CRQL | CDM-SS-16-001 11/9/2005 SB-16 | | SS-16P-001 11/9/2005 SB-16P | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Aroclors** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/kg | 38 | U | 20 | U | | | 64 | U | 29 | U | | | 37 | U | 19 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/kg | 77 | U | 20 | U | | | 130 | U | 29 | U | | | 75 | U | 19 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/kg | 38 | U | 20 | U | | | 64 | U | 29 | U | | | 37 | U | 19 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/kg | 38 | U | 20 | U | | | 64 | U | 29 | U | | | 37 | U | 19 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/kg | 38 | U | 20 | U | | | 64 | U | 29 | U | | | 37 | U | 19 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/kg | 38 | U | 130 | | NC | 92 | 64 | U | 9.4 | J | NC | 54.6 | 37 | U | 19 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/kg | 38 | U | 72 | | NC | 34 | 64 | U | 29 | UJ | | | 37 | U | 23 | J | NC | 14 |
| 37324-23-5 | Aroclor-1262 | ug/kg | | | | | | | | | | | | | | | | | | |
| 11100-14-4 | Aroclor-1268 | ug/kg | | | | | | | | | | | | | | | | | | |
| **Metals** | **Inorganic Analytes** | | **No Metals** | | | | | | **No Metals** | | | | | | **No Metals** | | | | | |
| 7439-97-6 | Mercury | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7429-90-5 | Aluminum | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-38-2 | Arsenic | mg/Kg | | | 22.8 | | | | | | 6 | U | | | | | 6.1 | U | | |
| 7440-39-3 | Barium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-41-7 | Beryllium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-70-2 | Calcium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-43-9 | Cadmium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-48-4 | Cobalt | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-47-3 | Chromium | mg/Kg | | | 24.5 | | | | | | | | | | | | 18.4 | | | |
| 7440-50-8 | Copper | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7439-89-6 | Iron | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-09-7 | Potassium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7439-95-4 | Magnesium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7439-96-5 | Manganese | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-23-5 | Sodium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-02-0 | Nickel | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7439-92-1 | Lead | mg/Kg | | | 86.9 | | | | | | 88.6 | | | | | | 58.1 | | | |
| 7782-49-2 | Selenium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-36-0 | Antimony | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-28-0 | Thallium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-62-2 | Vanadium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-66-6 | Zinc | mg/Kg | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 629 | Dup-pairs | 27 | Dup-pairs | 28 | Dup-pairs | 20 |
| Total Failed | 149 | Failed Criteria | 2 | Failed Criteria | 0 | Failed Criteria | 0 |
| % Failed of Total | 23.69% | % Failed | 7.41% | % Failed | 0.00% | % Failed | 0.00% |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SS-115B-001 11/10/2005 SS-115B | | SS-115B-001 11/10/2005 MW-122A | | RPD <100 | ABS <CRQL | CDM-SB-16P-004 11/15/2005 SB-16P | | SB-16P-004 11/15/2005 SB-16P | | RPD <100 | ABS <CRQL | CDM-SS-107DS-001 11/16/2005 MW-107DS | | SS-107DS-001 11/16/2005 MW-107DS | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 10 | UJ | 5 | U | | | 12 | R | 260 | U | | | 10 | UJ | 5 | U | | |
| 74-87-3 | Chloromethane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 75-01-4 | Vinyl Chloride | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 74-83-9 | Bromomethane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 75-00-3 | Chloroethane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/kg | 10 | UJ | 11 | U | | | 12 | UJ | 520 | U | | | 10 | UJ | 10 | U | | |
| 67-64-1 | Acetone | ug/kg | 10 | UJ | 54 | J | NC | 44 | 97 | J | 1000 | UJ | NC | 903 | 47 | J | 54 | J | 13.86 | NA |
| 75-15-0 | Carbon Disulfide | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 79-20-9 | Methyl Acetate | ug/kg | 10 | UJ | 5 | U | | | 12 | R | 260 | U | | | 10 | UJ | 5 | U | | |
| 75-09-2 | Methylene Chloride | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 78-93-3 | 2-Butanone | ug/kg | 10 | UJ | 11 | UJ | | | 12 | UJ | 520 | U | | | 10 | UJ | 10 | UJ | | |
| 74-97-5 | Chlorobromomethane | ug/kg | | | | | | | | | | | | | | | | | | |
| 67-66-3 | Chloroform | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 110-82-7 | Cyclohexane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 71-43-2 | Benzene | ug/kg | 10 | UJ | 5 | U | | | 160 | J | 2400 | | 175 | NA | 3 | J | 5 | U | NC | 2 |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 123-91-1 | 1,4-Dioxane | ug/kg | | | | | | | | | | | | | | | | | | |
| 79-01-6 | Trichloroethene | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 108-87-2 | Metylcyclohexane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 75-27-4 | Bromodichloromethane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/kg | 10 | UJ | 11 | U | | | 12 | U | 520 | U | | | 10 | UJ | 10 | U | | |
| 108-88-3 | Toluene | ug/kg | 10 | UJ | 5 | U | | | 84 | J | 300 | | 112.5 | NA | 10 | UJ | 5 | U | | |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 127-18-4 | Tetrachloroethene | ug/kg | 10 | UJ | 5 | U | | | 12 | U | 260 | U | | | 10 | UJ | 5 | U | | |
| 591-78-6 | 2-Hexanone | ug/kg | 10 | UJ | 11 | UJ | | | 12 | U | 520 | U | | | 10 | UJ | 10 | U | | |
| 124-48-1 | Dibromochloromethane | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/kg | 10 | UJ | 5 | U | | | 12 | U | 260 | U | | | 10 | UJ | 5 | U | | |
| 108-90-7 | Chlorobenzene | ug/kg | 10 | UJ | 5 | U | | | 12 | U | 260 | U | | | 10 | UJ | 5 | U | | |
| 100-41-4 | Ethylbenzene | ug/kg | 10 | UJ | 5 | U | | | 72 | J | 260 | | 113.25 | NA | 4 | J | 5 | U | NC | 1 |
| 95-47-6 | o-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 179601-23-1 | m,p-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 100-42-5 | Styrene | ug/kg | 10 | UJ | 5 | U | | | 57 | J | 62 | J | NA | 5 | 10 | UJ | 5 | U | | |
| 75-25-2 | Bromoform | ug/kg | 10 | UJ | 5 | U | | | 12 | UJ | 260 | U | | | 10 | UJ | 5 | U | | |
| 98-82-8 | Isopropylbenzene | ug/kg | 10 | UJ | 5 | U | | | 11 | J | 260 | U | NC | 249 | 10 | UJ | 5 | U | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 10 | UJ | 5 | U | | | 12 | U | 260 | U | | | 10 | UJ | 5 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 10 | UJ | 5 | U | | | 12 | U | 260 | U | | | 10 | UJ | 5 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 10 | UJ | 5 | U | | | 12 | U | 260 | U | | | 10 | UJ | 5 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 10 | UJ | 5 | U | | | 12 | U | 260 | U | | | 10 | UJ | 5 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 10 | UJ | 5 | U | | | 12 | U | 260 | U | | | 10 | UJ | 5 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 10 | UJ | 5 | U | | | 12 | U | 260 | U | | | 10 | UJ | 5 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SS-115B-001<br>11/10/2005<br>SS-115B | | SS-115B-001<br>11/10/2005<br>MW-122A | | RPD<br><100 | ABS<br><CRQL | CDM-SB-16P-004<br>11/15/2005<br>SB-16P | | SB-16P-004<br>11/15/2005<br>SB-16P | | RPD<br><100 | ABS<br><CRQL | CDM-SS-107DS-001<br>11/16/2005<br>MW-107DS | | SS-107DS-001<br>11/16/2005<br>MW-107DS | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 108-95-2 | Phenol | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 95-48-7 | 2-Methylphenol | ug/kg | 380 | U | 200 | U | | | 400 | U | 120 | J | NC | 280 | 410 | U | 190 | U | | |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | ug/kg | 380 | U | 200 | U | | | 400 | UJ | 200 | U | | | 410 | UJ | 190 | U | | |
| 98-86-2 | Acetophenone | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 106-44-5 | 4-Methylphenol | ug/kg | 380 | U | 200 | U | | | 400 | U | 180 | J | NC | 220 | 410 | U | 190 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 67-72-1 | Hexachloroethane | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 98-95-3 | Nitrobenzene | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 78-59-1 | Isophorone | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 380 | U | 200 | U | | | 220 | J | 1600 | | NA | 1380 | 410 | U | 190 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 91-20-3 | Naphthalene | ug/kg | 380 | U | 44 | J | NC | 336 | 590 | | 8800 | | 174.9 | NA | 410 | U | 190 | U | | |
| 106-47-8 | 4-Chloroaniline | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 380 | U | 200 | U | | | 400 | UJ | 200 | U | | | 410 | UJ | 190 | U | | |
| 105-60-2 | Caprolactam | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 380 | U | 200 | U | | | 280 | J | 4300 | | NA | 4020 | 410 | U | 190 | U | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 380 | U | 590 | U | | | 400 | U | 600 | U | | | 410 | U | 560 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 960 | U | 200 | U | | | 1000 | U | 200 | U | | | 1000 | U | 190 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/kg | 380 | U | 200 | U | | | 53 | J | 860 | | NA | 807 | 410 | U | 190 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/kg | 960 | U | 200 | U | | | 1000 | U | 160 | J | NC | 840 | 1000 | U | 190 | U | | |
| 131-11-3 | Dimethylphthalate | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 208-96-8 | Acenaphthylene | ug/kg | 54 | J | 190 | J | 111.5 | NA | 400 | U | 290 | | NC | 110 | 410 | U | 140 | J | NC | 270 |
| 99-09-2 | 3-Nitroaniline | ug/kg | 960 | U | 200 | U | | | 1000 | U | 200 | U | | | 1000 | U | 190 | U | | |
| 83-32-9 | Acenaphthene | ug/kg | 59 | J | 140 | J | 81.4 | NA | 160 | J | 2400 | | NA | 2240 | 410 | U | 43 | J | NC | 367 |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SS-115B-001 11/10/2005 SS-115B | | SS-115B-001 11/10/2005 MW-122A | | RPD <100 | ABS <CRQL | CDM-SB-16P-004 11/15/2005 SB-16P | | SB-16P-004 11/15/2005 SB-16P | | RPD <100 | ABS <CRQL | CDM-SS-107DS-001 11/16/2005 MW-107DS | | SS-107DS-001 11/16/2005 MW-107DS | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 960 | U | 2400 | U | | | 1000 | U | 2400 | U | | | 1000 | U | 2200 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/kg | 960 | UJ | 590 | U | | | 1000 | UJ | 600 | U | | | 1000 | UJ | 560 | U | | |
| 132-64-9 | Dibenzofuran | ug/kg | 380 | U | 42 | J | NC | 338 | 97 | J | 1800 | | NA | 1703 | 410 | U | 190 | U | | |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 84-66-2 | Diethylphthalate | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 86-73-7 | Fluorene | ug/kg | 59 | J | 110 | J | NA | 51 | 140 | J | 2300 | | NA | 2160 | 410 | U | 51 | J | NC | 359 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/kg | 960 | UJ | 200 | U | | | 1000 | U | 200 | U | | | 1000 | U | 190 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/kg | 960 | U | 590 | U | | | 1000 | U | 600 | U | | | 1000 | U | 560 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 1912-24-9 | Atrazine | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 87-86-5 | Pentachlorophenol | ug/kg | 960 | U | 590 | U | | | 1000 | UJ | 600 | U | | | 1000 | UJ | 560 | U | | |
| 85-01-8 | Phenanthrene | ug/kg | 720 | | 1400 | | 64.2 | NA | 450 | | 6300 | | 173.3 | NA | 410 | U | 520 | | NC | 110 |
| 120-12-7 | Anthracene | ug/kg | 120 | J | 330 | | NA | 210 | 90 | J | 1400 | | NA | 1310 | 410 | U | 170 | J | NC | 240 |
| 86-74-8 | Carbazole | ug/kg | 61 | J | 140 | J | NA | 79 | 400 | U | 360 | | NC | 40 | 410 | U | 51 | J | NC | 359 |
| 84-74-2 | Di-n-butylphthalate | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 206-44-0 | Fluoranthene | ug/kg | 1400 | | 2700 | | 63.4 | NA | 130 | J | 1900 | | NA | 1770 | 410 | U | 1400 | J | NC | 990 |
| 129-00-0 | Pyrene | ug/kg | 1400 | | 2600 | | 60.0 | NA | 110 | J | 1500 | | NA | 1390 | 410 | U | 1200 | | NC | 790 |
| 85-68-7 | Butylbenzylphthalate | ug/kg | 380 | U | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 380 | U | 390 | U | | | 400 | U | 400 | U | | | 410 | U | 370 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 740 | | 1300 | | 54.9 | NA | 400 | U | 360 | | NC | 40 | 410 | U | 590 | | NC | 180 |
| 218-01-9 | Chrysene | ug/kg | 750 | | 1400 | | 60.5 | NA | 400 | U | 320 | | NC | 80 | 410 | U | 670 | | NC | 260 |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/kg | 53 | J | 150 | J | NA | 97 | 86 | J | 1500 | | NA | 1414 | 410 | U | 370 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/kg | 380 | UJ | 200 | U | | | 400 | U | 200 | U | | | 410 | U | 190 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 890 | | 1900 | | 72.4 | NA | 400 | U | 180 | J | NC | 220 | 410 | U | 780 | | NC | 370 |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 260 | J | 780 | | NA | 520 | 400 | U | 98 | J | NC | 302 | 410 | U | 340 | | NC | 70 |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 690 | | 1500 | | 74.0 | NA | 400 | U | 160 | J | NC | 240 | 410 | U | 600 | | NC | 190 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 510 | | 970 | | 62.2 | NA | 400 | U | 59 | J | NC | 341 | 410 | U | 310 | | NC | 100 |
| 53-70-3 | Dibenz(a,h)anthracene | ug/kg | 110 | J | 290 | | NA | 180 | 400 | U | 200 | U | | | 410 | U | 65 | J | NC | 345 |
| 191-24-2 | Benzo(g,h,i)perylene | ug/kg | 460 | | 1000 | | 74.0 | NA | 400 | U | 67 | J | NC | 333 | 410 | U | 340 | | NC | 70 |
| 58-90-2 | Chlorophenols | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SS-115B-001 11/10/2005 SS-115B | | SS-115B-001 11/10/2005 MW-122A | | RPD <100 | ABS <CRQL | CDM-SB-16P-004 11/15/2005 SB-16P | | SB-16P-004 11/15/2005 SB-16P | | RPD <100 | ABS <CRQL | CDM-SS-107DS-001 11/16/2005 MW-107DS | | SS-107DS-001 11/16/2005 MW-107DS | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Aroclors** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/kg | 38 | U | 20 | U | | | 39 | U | 20 | U | | | 42 | U | 19 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/kg | 77 | U | 20 | U | | | 80 | U | 20 | U | | | 85 | U | 19 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/kg | 38 | U | 20 | U | | | 39 | U | 20 | U | | | 42 | U | 19 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/kg | 38 | U | 20 | U | | | 39 | U | 20 | U | | | 42 | U | 19 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/kg | 38 | U | 20 | U | | | 39 | U | 20 | U | | | 42 | U | 19 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/kg | 38 | U | 20 | U | | | 39 | U | 20 | U | | | 42 | U | 23 | | NC | 19 |
| 11096-82-5 | Aroclor-1260 | ug/kg | 38 | U | 29 | J | NC | 9 | 39 | U | 20 | U | | | 42 | U | 20 | | NC | 22 |
| 37324-23-5 | Aroclor-1262 | ug/kg | | | | | | | | | | | | | | | | | | |
| 11100-14-4 | Aroclor-1268 | ug/kg | | | | | | | | | | | | | | | | | | |
| **Metals** | **Inorganic Analytes** | | **No Metals** | | | | | | **No Metals** | | | | | | **No Metals** | | | | | |
| 7439-97-6 | Mercury | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7429-90-5 | Aluminum | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-38-2 | Arsenic | mg/Kg | | | 6.7 | | | | | | 8.1 | | | | | | 5.3 | | | |
| 7440-39-3 | Barium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-41-7 | Beryllium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-70-2 | Calcium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-43-9 | Cadmium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-48-4 | Cobalt | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-47-3 | Chromium | mg/Kg | | | 17.1 | | | | | | | | | | | | 23.6 | | | |
| 7440-50-8 | Copper | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7439-89-6 | Iron | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-09-7 | Potassium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7439-95-4 | Magnesium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7439-96-5 | Manganese | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-23-5 | Sodium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-02-0 | Nickel | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7439-92-1 | Lead | mg/Kg | | | 53.3 | | | | | | 14.6 | | | | | | 86.5 | | | |
| 7782-49-2 | Selenium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-36-0 | Antimony | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-28-0 | Thallium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-62-2 | Vanadium | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-66-6 | Zinc | mg/Kg | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 629 | Dup-pairs | 21 | Dup-pairs | 30 | Dup-pairs | 21 |
| Total Failed | 149 | Failed Criteria | 2 | Failed Criteria | 15 | Failed Criteria | 2 |
| % Failed of Total | 23.69% | % Failed | 9.52% | % Failed | 50.00% | % Failed | 9.52% |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SB-107DS-004 11/16/2005 MW-107DS | | SB-107DS-004 11/16/2005 MW-107DS | | RPD <100 | ABS <CRQL | CDM-SS-113C-001 11/22/2005 MW-113C | | SS-113C-001 11/22/2005 MW-113C | | RPD <100 | ABS <CRQL | CDM-SB-04D-003 12/10/2005 SB-04D | | SB-04D-003* 12/10/2005 SB-04D | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 17 | | 280 | UJ | NC | 263 |
| 74-87-3 | Chloromethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | UJ | 280 | U | | |
| 75-01-4 | Vinyl Chloride | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | UJ | 280 | U | | |
| 74-83-9 | Bromomethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 75-00-3 | Chloroethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/kg | 10 | UJ | 11 | U | | | 10 | U | 13 | U | | | 10 | U | 550 | U | | |
| 67-64-1 | Acetone | ug/kg | 10 | UJ | 22 | UJ | | | 10 | U | 37 | J | NC | 27 | 13 | U | 1100 | UJ | | |
| 75-15-0 | Carbon Disulfide | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 2 | J | NC | 8 | 10 | U | 280 | U | | |
| 79-20-9 | Methyl Acetate | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | UJ | 280 | U | | |
| 75-09-2 | Methylene Chloride | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 78-93-3 | 2-Butanone | ug/kg | 10 | UJ | 11 | UJ | | | 10 | U | 13 | U | | | 10 | UJ | 550 | U | | |
| 74-97-5 | Chlorobromomethane | ug/kg | | | | | | | | | | | | | | | | | | |
| 67-66-3 | Chloroform | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 110-82-7 | Cyclohexane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 390 | | NC | 380 |
| 56-23-5 | Carbon Tetrachloride | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 71-43-2 | Benzene | ug/kg | 10 | UJ | 5 | J | NC | 5 | 10 | U | 0.7 | J | NC | 9.3 | 10 | U | 680 | | NC | 670 |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 123-91-1 | 1,4-Dioxane | ug/kg | | | | | | | | | | | | | | | | | | |
| 79-01-6 | Trichloroethene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 108-87-2 | Metylcyclohexane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 1000 | J | NC | 990 |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 75-27-4 | Bromodichloromethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/kg | 10 | UJ | 11 | U | | | 10 | UJ | 13 | U | | | 10 | U | 550 | U | | |
| 108-88-3 | Toluene | ug/kg | 10 | UJ | 2 | J | NC | 8 | 10 | U | 6 | U | | | 2 | J | 8200 | | NA | 8198 |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 127-18-4 | Tetrachloroethene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 591-78-6 | 2-Hexanone | ug/kg | 10 | UJ | 11 | U | | | 10 | UJ | 13 | U | | | 10 | U | 550 | U | | |
| 124-48-1 | Dibromochloromethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 108-90-7 | Chlorobenzene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 100-41-4 | Ethylbenzene | ug/kg | 10 | UJ | 14 | | NC | 4 | 10 | U | 6 | U | | | 2 | J | 20000 | | NA | 19998 |
| 95-47-6 | o-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 179601-23-1 | m,p-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 100-42-5 | Styrene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 75-25-2 | Bromoform | ug/kg | 10 | UJ | 5 | U | | | 10 | UJ | 6 | U | | | 10 | U | 280 | U | | |
| 98-82-8 | Isopropylbenzene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 3400 | | NC | 3390 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 10 | UJ | 5 | U | | | 10 | U | 6 | U | | | 10 | U | 280 | UJ | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |

*Table 1*
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-107DS-004<br>11/16/2005<br>MW-107DS | | SB-107DS-004<br>11/16/2005<br>MW-107DS | | RPD<br><100 | ABS<br><CRQL | CDM-SS-113C-001<br>11/22/2005<br>MW-113C | | SS-113C-001<br>11/22/2005<br>MW-113C | | RPD<br><100 | ABS<br><CRQL | CDM-SB-04D-003<br>12/10/2005<br>SB-04D | | SB-04D-003*<br>12/10/2005<br>SB-04D | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 108-95-2 | Phenol | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 95-48-7 | 2-Methylphenol | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | ug/kg | 370 | UJ | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 98-86-2 | Acetophenone | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 106-44-5 | 4-Methylphenol | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 67-72-1 | Hexachloroethane | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 98-95-3 | Nitrobenzene | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 78-59-1 | Isophorone | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 91-20-3 | Naphthalene | ug/kg | 57 | J | 100 | J | NA | 43 | 1100 | J | 7000 | J | NA | 5900 | 1500000 | J | 1500000 | | 0.0 | NA |
| 106-47-8 | 4-Chloroaniline | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 370 | UJ | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 105-60-2 | Caprolactam | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 370 | U | 220 | U | | | 490 | J | 2800 | J | NA | 2310 | 530000 | J | 570000 | | 7.3 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 370 | U | 630 | U | | | 4000 | U | 32000 | U | | | 12000 | UJ | 6000 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 930 | U | 220 | U | | | 10000 | U | 11000 | U | | | 30000 | UJ | 2000 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 43000 | J | 63000 | | 37.7 | NA |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/kg | 930 | U | 220 | U | | | 10000 | U | 11000 | U | | | 30000 | UJ | 2000 | U | | |
| 131-11-3 | Dimethylphthalate | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 208-96-8 | Acenaphthylene | ug/kg | 60 | J | 220 | U | NC | 160 | 4000 | U | 3400 | J | NC | 600 | 12000 | UJ | 2000 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/kg | 930 | U | 220 | U | | | 10000 | U | 11000 | U | | | 30000 | UJ | 2000 | U | | |
| 83-32-9 | Acenaphthene | ug/kg | 60 | J | 220 | U | NC | 160 | 2700 | J | 20000 | | NA | 17300 | 120000 | J | 120000 | | 0.0 | NA |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-107DS-004<br>11/16/2005<br>MW-107DS | | SB-107DS-004<br>11/16/2005<br>MW-107DS | | RPD<br><100 | ABS<br><CRQL | CDM-SS-113C-001<br>11/22/2005<br>MW-113C | | SS-113C-001<br>11/22/2005<br>MW-113C | | RPD<br><100 | ABS<br><CRQL | CDM-SB-04D-003<br>12/10/2005<br>SB-04D | | SB-04D-003*<br>12/10/2005<br>SB-04D | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 930 | U | 2500 | U | | | 10000 | U | 130000 | U | | | 30000 | UJ | 24000 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/kg | 930 | UJ | 630 | U | | | 10000 | U | 32000 | U | | | 30000 | UJ | 6000 | U | | |
| 132-64-9 | Dibenzofuran | ug/kg | 38 | J | 45 | J | NA | 7 | 1000 | J | 7500 | J | NA | 6500 | 26000 | J | 36000 | | NA | 10000 |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 84-66-2 | Diethylphthalate | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 86-73-7 | Fluorene | ug/kg | 68 | J | 81 | J | NA | 13 | 1900 | J | 14000 | | NA | 12100 | 78000 | J | 120000 | | 42.4 | NA |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/kg | 930 | U | 220 | U | | | 10000 | U | 11000 | U | | | 30000 | UJ | 2000 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/kg | 930 | U | 630 | U | | | 10000 | U | 32000 | U | | | 30000 | UJ | 6000 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 1912-24-9 | Atrazine | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 87-86-5 | Pentachlorophenol | ug/kg | 930 | UJ | 630 | U | | | 10000 | U | 32000 | U | | | 30000 | UJ | 6000 | U | | |
| 85-01-8 | Phenanthrene | ug/kg | 700 | | 420 | | 50.0 | NA | 18000 | | 130000 | | 151.4 | NA | 180000 | J | 230000 | | 24.4 | 50000 |
| 120-12-7 | Anthracene | ug/kg | 120 | J | 110 | J | NA | 10 | 3700 | J | 31000 | | NA | 27300 | 38000 | J | 55000 | | 36.6 | NA |
| 86-74-8 | Carbazole | ug/kg | 72 | J | 220 | U | NC | 148 | 2900 | J | 23000 | | NA | 20100 | 8000 | J | 11000 | | NA | 3000 |
| 84-74-2 | Di-n-butylphthalate | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 206-44-0 | Fluoranthene | ug/kg | 1200 | | 150 | J | NA | 1050 | 43000 | | 250000 | | 141.3 | NA | 38000 | J | 49000 | | 25.3 | NA |
| 129-00-0 | Pyrene | ug/kg | 1400 | | 130 | J | NA | 1270 | 34000 | | 240000 | | 150.4 | NA | 37000 | J | 43000 | | 15.0 | NA |
| 85-68-7 | Butylbenzylphthalate | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 370 | U | 420 | U | | | 4000 | U | 22000 | U | | | 12000 | UJ | 3900 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 630 | | 220 | U | NC | 410 | 20000 | | 140000 | | 150.0 | NA | 8900 | J | 12000 | | NA | 3100 |
| 218-01-9 | Chrysene | ug/kg | 600 | | 220 | U | NC | 380 | 19000 | | 180000 | | 161.8 | NA | 8300 | J | 12000 | | NA | 3700 |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/kg | 58 | J | 180 | J | NA | 122 | 4000 | U | 22000 | U | | | 12000 | UJ | 3900 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/kg | 370 | U | 220 | U | | | 4000 | U | 11000 | U | | | 12000 | UJ | 2000 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 740 | | 220 | U | NC | 520 | 35000 | | 210000 | | 142.9 | NA | 3400 | J | 9000 | | 90.3 | NA |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 260 | J | 220 | U | NC | 40 | 8300 | | 100000 | | 169.3 | NA | 2700 | J | 3100 | | 13.8 | NA |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 570 | | 220 | U | NC | 350 | 22000 | | 160000 | | 151.6 | NA | 5400 | J | 7200 | | NA | 1800 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 410 | | 220 | U | NC | 190 | 17000 | | 120000 | | 150.4 | NA | 2500 | J | 3300 | | NA | 800 |
| 53-70-3 | Dibenz(a,h)anthracene | ug/kg | 88 | J | 220 | U | NC | 132 | 2800 | J | 34000 | | NA | 31200 | 12000 | UJ | 1300 | J | NC | 10700 |
| 191-24-2 | Benzo(g,h,i)perylene | ug/kg | 390 | | 220 | U | NC | 170 | 15000 | | 110000 | | 152.0 | NA | 12000 | UJ | 3700 | | NC | 8300 |
| 58-90-2 | Chlorophenols | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SB-107DS-004 11/16/2005 MW-107DS | SB-107DS-004 11/16/2005 MW-107DS | RPD <100 | ABS <CRQL | CDM-SS-113C-001 11/22/2005 MW-113C | SS-113C-001 11/22/2005 MW-113C | RPD <100 | ABS <CRQL | CDM-SB-04D-003 12/10/2005 SB-04D | SB-04D-003* 12/10/2005 SB-04D | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Aroclors** | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/kg | 37 U | 21 U | | | 40 U | 1400 U | | | 40 U | 20 U | | |
| 11104-28-2 | Aroclor-1221 | ug/kg | 75 U | 21 U | | | 81 U | 630 U | | | 81 U | 20 U | | |
| 11141-16-5 | Aroclor-1232 | ug/kg | 37 U | 21 U | | | 40 U | 920 U | | | 40 U | 20 U | | |
| 53469-21-9 | Aroclor-1242 | ug/kg | 37 U | 21 U | | | 40 U | 630 U | | | 40 U | 20 U | | |
| 12672-29-6 | Aroclor-1248 | ug/kg | 37 U | 21 U | | | 40 U | 2100 U | | | 40 U | 20 U | | |
| 11097-69-1 | Aroclor-1254 | ug/kg | 37 U | 21 U | | | 40 U | 630 U | | | 40 U | 20 U | | |
| 11096-82-5 | Aroclor-1260 | ug/kg | 37 U | 21 U | | | 40 U | 2100 U | | | 40 U | 20 U | | |
| 37324-23-5 | Aroclor-1262 | ug/kg | | | | | | | | | | | | |
| 11100-14-4 | Aroclor-1268 | ug/kg | | | | | | | | | | | | |
| **Metals** | **Inorganic Analytes** | | **No Metals** | | | | **No Metals** | | | | | | | |
| 7439-97-6 | Mercury | mg/Kg | | | | | | | | | 0.06 U | | | |
| 7440-22-4 | Silver | mg/Kg | | | | | | | | | 1.2 U | | | |
| 7429-90-5 | Aluminum | mg/Kg | | | | | | | | | 5900 | | | |
| 7440-38-2 | Arsenic | mg/Kg | | 4.9 | | | | 38.8 | | | 2.1 | 1.6 U | NC | 0.5 |
| 7440-39-3 | Barium | mg/Kg | | | | | | | | | 24 U | | | |
| 7440-41-7 | Beryllium | mg/Kg | | | | | | | | | 0.59 U | | | |
| 7440-70-2 | Calcium | mg/Kg | | | | | | | | | 590 U | | | |
| 7440-43-9 | Cadmium | mg/Kg | | | | | | | | | 0.59 U | | | |
| 7440-48-4 | Cobalt | mg/Kg | | | | | | | | | 5.9 U | | | |
| 7440-47-3 | Chromium | mg/Kg | | | | | | 37.9 | | | 9.6 | | | |
| 7440-50-8 | Copper | mg/Kg | | | | | | | | | 13 | | | |
| 7439-89-6 | Iron | mg/Kg | | | | | | | | | 11000 | | | |
| 7440-09-7 | Potassium | mg/Kg | | | | | | | | | 590 | | | |
| 7439-95-4 | Magnesium | mg/Kg | | | | | | | | | 2400 | | | |
| 7439-96-5 | Manganese | mg/Kg | | | | | | | | | 86 | | | |
| 7440-23-5 | Sodium | mg/Kg | | | | | | | | | 590 U | | | |
| 7440-02-0 | Nickel | mg/Kg | | | | | | | | | 9.9 | | | |
| 7439-92-1 | Lead | mg/Kg | | 12.4 | | | | 323 | | | 4.5 | 3.8 | 16.9 | NA |
| 7782-49-2 | Selenium | mg/Kg | | | | | | | | | 4.1 U | | | |
| 7440-36-0 | Antimony | mg/Kg | | | | | | | | | 7.1 U | | | |
| 7440-28-0 | Thallium | mg/Kg | | | | | | | | | 3 U | | | |
| 7440-62-2 | Vanadium | mg/Kg | | | | | | | | | 11 | | | |
| 7440-66-6 | Zinc | mg/Kg | | | | | | | | | 23 | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 629 | Dup-pairs | 22 | Dup-pairs | 22 | Dup-pairs | 28 |
| Total Failed | 149 | Failed Criteria | 6 | Failed Criteria | 15 | Failed Criteria | 6 |
| % Failed of Total | 23.69% | % Failed | 27.27% | % Failed | 68.18% | % Failed | 21.43% |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-17Q-003<br>12/10/2005<br>SB-17Q | | SB-17Q-003*<br>12/10/2005<br>SB-17Q | | RPD<br><100 | ABS<br><CRQL | CDM-SB-17Q-004<br>12/10/2005<br>SB-17Q | | SB-17Q-004<br>12/10/2005<br>SB-17Q | | RPD<br><100 | ABS<br><CRQL | CDM-SB-01A-003<br>12/11/2005<br>SB-01A | | SB-01A-003*<br>12/11/2005<br>SB-01A | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 1700 | U | 540 | UJ | | | 9 | J | 5 | U | NC | 4 | 5600 | U | 6 | U | | |
| 74-87-3 | Chloromethane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 75-01-4 | Vinyl Chloride | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 74-83-9 | Bromomethane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 75-00-3 | Chloroethane | ug/kg | 1700 | UJ | 540 | U | | | 11 | U | 5 | U | | | 5600 | UJ | 6 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/kg | 1700 | U | 1100 | U | | | 11 | U | 11 | U | | | 5600 | U | 12 | U | | |
| 67-64-1 | Acetone | ug/kg | 1700 | U | 2200 | UJ | | | 15 | UJ | 22 | UJ | | | 5600 | U | 22 | J | NC | 5578 |
| 75-15-0 | Carbon Disulfide | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 79-20-9 | Methyl Acetate | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 75-09-2 | Methylene Chloride | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 78-93-3 | 2-Butanone | ug/kg | 1700 | U | 1100 | U | | | 11 | U | 11 | UJ | | | 5600 | U | 12 | UJ | | |
| 74-97-5 | Chlorobromomethane | ug/kg | | | | | | | | | | | | | | | | | | |
| 67-66-3 | Chloroform | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 110-82-7 | Cyclohexane | ug/kg | 1700 | U | 130 | J | NC | 1570 | 11 | U | 5 | U | | | 5600 | U | 2 | J | NC | 5598 |
| 56-23-5 | Carbon Tetrachloride | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 71-43-2 | Benzene | ug/kg | 1700 | U | 390 | J | NC | 1310 | 11 | U | 5 | U | | | 3500 | J | 2 | J | NA | 3498 |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 123-91-1 | 1,4-Dioxane | ug/kg | | | | | | | | | | | | | | | | | | |
| 79-01-6 | Trichloroethene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 108-87-2 | Metylcyclohexane | ug/kg | 1700 | U | 400 | J | NC | 1300 | 11 | U | 5 | U | | | 2100 | J | 4 | J | NA | 2096 |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 75-27-4 | Bromodichloromethane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/kg | 1700 | U | 1100 | U | | | 11 | U | 11 | U | | | 5600 | U | 12 | U | | |
| 108-88-3 | Toluene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 2 | J | NC | 5598 |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 127-18-4 | Tetrachloroethene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 591-78-6 | 2-Hexanone | ug/kg | 1700 | U | 1100 | U | | | 11 | U | 11 | U | | | 5600 | U | 12 | U | | |
| 124-48-1 | Dibromochloromethane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 108-90-7 | Chlorobenzene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 100-41-4 | Ethylbenzene | ug/kg | 4000 | | 9600 | | 82.35 | NA | 11 | U | 5 | U | | | 33000 | | 6 | U | NC | 32994 |
| 95-47-6 | o-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 179601-23-1 | m,p-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 100-42-5 | Styrene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 75-25-2 | Bromoform | ug/kg | 1700 | U | 540 | U | | | 11 | U | 2 | J | NC | 9 | 5600 | U | 6 | U | | |
| 98-82-8 | Isopropylbenzene | ug/kg | 1600 | J | 3300 | | 69.39 | NA | 11 | U | 5 | U | | | 9800 | | 6 | U | NC | 9794 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 1700 | U | 540 | U | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 1700 | U | 540 | UJ | | | 11 | U | 5 | U | | | 5600 | U | 6 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
*Soil Split Samples*

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-17Q-003<br>12/10/2005<br>SB-17Q | | SB-17Q-003*<br>12/10/2005<br>SB-17Q | | RPD<br><100 | ABS<br><CRQL | CDM-SB-17Q-004<br>12/10/2005<br>SB-17Q | | SB-17Q-004<br>12/10/2005<br>SB-17Q | | RPD<br><100 | ABS<br><CRQL | CDM-SB-01A-003<br>12/11/2005<br>SB-01A | | SB-01A-003*<br>12/11/2005<br>SB-01A | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 108-95-2 | Phenol | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 95-48-7 | 2-Methylphenol | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 98-86-2 | Acetophenone | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 106-44-5 | 4-Methylphenol | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 67-72-1 | Hexachloroethane | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | UJ | | |
| 98-95-3 | Nitrobenzene | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 78-59-1 | Isophorone | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 91-20-3 | Naphthalene | ug/kg | 940000 | J | 1700000 | | 57.6 | NA | 110 | J | 120 | J | NA | 10 | 1600000 | J | 2500 | | 199.4 | NA |
| 106-47-8 | 4-Chloroaniline | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 105-60-2 | Caprolactam | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 220000 | J | 430000 | | 64.6 | NA | 420 | U | 49 | J | NC | 371 | 530000 | J | 1300 | J | 199.0 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 82000 | UJ | 27000 | U | | | 420 | U | 630 | U | | | 140000 | UJ | 6100 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 200000 | UJ | 9100 | U | | | 1100 | U | 210 | U | | | 340000 | UJ | 2100 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/kg | 49000 | J | 110000 | | 76.7 | NA | 420 | U | 210 | U | | | 60000 | J | 2100 | U | NC | 57900 |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/kg | 200000 | UJ | 9100 | U | | | 1100 | U | 210 | U | | | 340000 | UJ | 2100 | U | | |
| 131-11-3 | Dimethylphthalate | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 208-96-8 | Acenaphthylene | ug/kg | 82000 | UJ | 26000 | | NC | 56000 | 420 | U | 150 | J | NC | 270 | 140000 | UJ | 620 | J | NC | 139380 |
| 99-09-2 | 3-Nitroaniline | ug/kg | 200000 | UJ | 9100 | U | | | 1100 | UJ | 210 | U | | | 340000 | UJ | 2100 | U | | |
| 83-32-9 | Acenaphthene | ug/kg | 140000 | J | 280000 | | NA | 140000 | 420 | U | 94 | J | NC | 326 | 270000 | J | 910 | J | NA | 269090 |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-17Q-003<br>12/10/2005<br>SB-17Q | | SB-17Q-003*<br>12/10/2005<br>SB-17Q | | RPD<br><100 | ABS<br><CRQL | CDM-SB-17Q-004<br>12/10/2005<br>SB-17Q | | SB-17Q-004<br>12/10/2005<br>SB-17Q | | RPD<br><100 | ABS<br><CRQL | CDM-SB-01A-003<br>12/11/2005<br>SB-01A | | SB-01A-003*<br>12/11/2005<br>SB-01A | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 200000 | UJ | 110000 | U | | | 1100 | UJ | 2500 | U | | | 340000 | UJ | 24000 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/kg | 200000 | UJ | 27000 | U | | | 1100 | U | 630 | U | | | 340000 | UJ | 6100 | U | | |
| 132-64-9 | Dibenzofuran | ug/kg | 75000 | J | 160000 | | 72.3 | NA | 420 | U | 210 | U | | | 170000 | J | 900 | J | 197.9 | NA |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 84-66-2 | Diethylphthalate | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 86-73-7 | Fluorene | ug/kg | 120000 | J | 290000 | | 82.9 | NA | 420 | U | 100 | J | NC | 320 | 180000 | J | 1100 | J | 197.6 | NA |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/kg | 200000 | UJ | 9100 | U | | | 1100 | U | 210 | U | | | 340000 | UJ | 2100 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/kg | 200000 | UJ | 27000 | U | | | 1100 | U | 630 | U | | | 340000 | UJ | 6100 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 1912-24-9 | Atrazine | ug/kg | 82000 | UJ | 9100 | U | | | 420 | UJ | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 87-86-5 | Pentachlorophenol | ug/kg | 200000 | UJ | 27000 | U | | | 1100 | U | 630 | U | | | 340000 | UJ | 6100 | U | | |
| 85-01-8 | Phenanthrene | ug/kg | 360000 | J | 750000 | | 70.3 | NA | 110 | J | 220 | | NA | 110 | 430000 | J | 7900 | | 192.8 | NA |
| 120-12-7 | Anthracene | ug/kg | 64000 | J | 170000 | | 90.6 | NA | 420 | U | 74 | J | NC | 346 | 95000 | J | 2200 | | NA | 92800 |
| 86-74-8 | Carbazole | ug/kg | 17000 | J | 37000 | | 74.1 | NA | 420 | U | 210 | U | | | 28000 | J | 570 | J | NA | 27430 |
| 84-74-2 | Di-n-butylphthalate | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 206-44-0 | Fluoranthene | ug/kg | 160000 | J | 330000 | | 69.4 | NA | 420 | U | 110 | J | NC | 310 | 270000 | J | 8100 | | 188.3 | NA |
| 129-00-0 | Pyrene | ug/kg | 160000 | J | 300000 | | 60.9 | NA | 420 | U | 110 | J | NC | 310 | 230000 | J | 7000 | | 188.2 | NA |
| 85-68-7 | Butylbenzylphthalate | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 82000 | UJ | 18000 | U | | | 420 | UJ | 410 | U | | | 140000 | UJ | 4000 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 47000 | J | 110000 | | 80.3 | NA | 420 | U | 45 | J | NC | 375 | 62000 | J | 4100 | | NA | 57900 |
| 218-01-9 | Chrysene | ug/kg | 45000 | J | 110000 | | 83.9 | NA | 420 | U | 210 | U | | | 61000 | J | 4600 | | NA | 56400 |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/kg | 82000 | UJ | 18000 | U | | | 420 | U | 410 | U | | | 140000 | UJ | 4000 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/kg | 82000 | UJ | 9100 | U | | | 420 | U | 210 | U | | | 140000 | UJ | 2100 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 31000 | J | 99000 | | 104.6 | NA | 420 | U | 210 | U | | | 32000 | J | 6200 | | NA | 25800 |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 27000 | J | 31000 | | 13.8 | NA | 420 | U | 210 | U | | | 28000 | J | 3300 | | NA | 24700 |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 42000 | J | 93000 | | 75.6 | NA | 420 | U | 45 | J | NC | 375 | 36000 | J | 4800 | | NA | 31200 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 21000 | J | 45000 | | 72.7 | NA | 420 | U | 210 | U | | | 140000 | UJ | 3800 | | NC | 136200 |
| 53-70-3 | Dibenz(a,h)anthracene | ug/kg | 82000 | UJ | 16000 | | NC | 66000 | 420 | U | 210 | U | | | 140000 | UJ | 1400 | J | NC | 138600 |
| 191-24-2 | Benzo(g,h,i)perylene | ug/kg | 22000 | J | 58000 | | 90.0 | NA | 420 | U | 210 | U | | | 140000 | UJ | 5200 | | NC | 134800 |
| 58-90-2 | Chlorophenols | ug/kg | | | | | | | | | | | | | | | | | | |

*Table 1*
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SB-17Q-003 12/10/2005 SB-17Q | | SB-17Q-003* 12/10/2005 SB-17Q | | RPD <100 | ABS <CRQL | CDM-SB-17Q-004 12/10/2005 SB-17Q | | SB-17Q-004 12/10/2005 SB-17Q | | RPD <100 | ABS <CRQL | CDM-SB-01A-003 12/11/2005 SB-01A | | SB-01A-003* 12/11/2005 SB-01A | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Aroclors** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/kg | 54 | U | 93 | U | | | 42 | U | 21 | U | | | 45 | U | 100 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/kg | 110 | U | 93 | U | | | 85 | U | 21 | U | | | 92 | U | 100 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/kg | 54 | U | 93 | U | | | 42 | U | 21 | U | | | 45 | U | 100 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/kg | 54 | U | 93 | U | | | 42 | U | 21 | U | | | 45 | U | 100 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/kg | 54 | U | 93 | U | | | 42 | U | 21 | U | | | 45 | U | 100 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/kg | 54 | U | 93 | U | | | 42 | U | 21 | U | | | 45 | U | 100 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/kg | 54 | U | 93 | U | | | 42 | U | 21 | U | | | 45 | U | 370 | | NC | 325 |
| 37324-23-5 | Aroclor-1262 | ug/kg | | | | | | | | | | | | | | | | | | |
| 11100-14-4 | Aroclor-1268 | ug/kg | | | | | | | | | | | | | | | | | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | | **No Metals** | | | | | |
| 7439-97-6 | Mercury | mg/Kg | 11 | | | | | | 0.06 | U | | | | | | | | | | |
| 7440-22-4 | Silver | mg/Kg | 1.8 | U | | | | | 1.2 | U | | | | | | | | | | |
| 7429-90-5 | Aluminum | mg/Kg | 4900 | | | | | | 14000 | | | | | | | | | | | |
| 7440-38-2 | Arsenic | mg/Kg | 37 | | 28.6 | | 25.6 | NA | 10 | | 7.9 | | 23.5 | NA | | | 34.7 | | | |
| 7440-39-3 | Barium | mg/Kg | 340 | | | | | | 72 | | | | | | | | | | | |
| 7440-41-7 | Beryllium | mg/Kg | 0.9 | U | | | | | 0.85 | | | | | | | | | | | |
| 7440-70-2 | Calcium | mg/Kg | 2700 | | | | | | 1600 | | | | | | | | | | | |
| 7440-43-9 | Cadmium | mg/Kg | 0.9 | U | | | | | 0.62 | U | | | | | | | | | | |
| 7440-48-4 | Cobalt | mg/Kg | 16 | | | | | | 16 | | | | | | | | | | | |
| 7440-47-3 | Chromium | mg/Kg | 28 | | | | | | 28 | | | | | | | | | | | |
| 7440-50-8 | Copper | mg/Kg | 160 | | | | | | 28 | | | | | | | | | | | |
| 7439-89-6 | Iron | mg/Kg | 26000 | | | | | | 33000 | | | | | | | | | | | |
| 7440-09-7 | Potassium | mg/Kg | 900 | U | | | | | 2300 | | | | | | | | | | | |
| 7439-95-4 | Magnesium | mg/Kg | 900 | U | | | | | 6200 | | | | | | | | | | | |
| 7439-96-5 | Manganese | mg/Kg | 56 | | | | | | 930 | | | | | | | | | | | |
| 7440-23-5 | Sodium | mg/Kg | 1700 | | | | | | 1800 | | | | | | | | | | | |
| 7440-02-0 | Nickel | mg/Kg | 38 | | | | | | 30 | | | | | | | | | | | |
| 7439-92-1 | Lead | mg/Kg | 2200 | | 293 | | 153.0 | NA | 20 | | 14.4 | | 32.6 | NA | | | 466 | | | |
| 7782-49-2 | Selenium | mg/Kg | 9.8 | | | | | | 4.4 | U | | | | | | | | | | |
| 7440-36-0 | Antimony | mg/Kg | 11 | U | | | | | 7.5 | U | | | | | | | | | | |
| 7440-28-0 | Thallium | mg/Kg | 4.5 | U | | | | | 3.1 | U | | | | | | | | | | |
| 7440-62-2 | Vanadium | mg/Kg | 42 | | | | | | 29 | | | | | | | | | | | |
| 7440-66-6 | Zinc | mg/Kg | 910 | | | | | | 73 | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 629 | Dup-pairs | 27 | Dup-pairs | 15 | Dup-pairs | 28 |
| Total Failed | 149 | Failed Criteria | 2 | Failed Criteria | 0 | Failed Criteria | 9 |
| % Failed of Total | 23.69% | % Failed | 7.41% | % Failed | 0.00% | % Failed | 32.14% |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SB-01A-004 12/11/2005 SB-01A | | SB-01A-004 12/11/2005 SB-01A | | RPD <100 | ABS <CRQL | CDM-SB-121B-004 1/15/2006 SB-121B | | SB-121B-004 1/15/2006 MW-121B | | RPD <100 | ABS <CRQL | CDM-SS-115-001 2/14/2006 MW-115 | | SB-115B-001 2/14/2006 SB-115B | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 44 | | 690 | UJ | NC | 646 | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 74-87-3 | Chloromethane | ug/kg | 12 | UJ | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 75-01-4 | Vinyl Chloride | ug/kg | 12 | UJ | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 74-83-9 | Bromomethane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 75-00-3 | Chloroethane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/kg | 12 | U | 1400 | U | | | 1400 | U | 490 | UJ | | | 11 | U | 12 | U | | |
| 67-64-1 | Acetone | ug/kg | 120 | | 2800 | UJ | NC | 2680 | 1400 | U | 990 | UJ | | | 11 | U | 31 | J | NC | 20 |
| 75-15-0 | Carbon Disulfide | ug/kg | 10 | J | 690 | U | NC | 680 | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 79-20-9 | Methyl Acetate | ug/kg | 12 | UJ | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 75-09-2 | Methylene Chloride | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 78-93-3 | 2-Butanone | ug/kg | 36 | J | 1400 | U | NC | 1364 | 1400 | U | 490 | U | | | 11 | U | 12 | U | | |
| 74-97-5 | Chlorobromomethane | ug/kg | | | | | | | | | | | | | | | | | | |
| 67-66-3 | Chloroform | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 110-82-7 | Cyclohexane | ug/kg | 4 | J | 350 | J | 195.48 | 346 | 1400 | U | 77 | J | NC | 1323 | 11 | U | 6 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 71-43-2 | Benzene | ug/kg | 5 | J | 4500 | | NA | 4495 | 1400 | U | 31000 | | NC | 29600 | 11 | U | 6 | U | | |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 123-91-1 | 1,4-Dioxane | ug/kg | | | | | | | | | | | | | | | | | | |
| 79-01-6 | Trichloroethene | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 108-87-2 | Metylcyclohexane | ug/kg | 13 | | 1400 | J | 196.32 | NA | 1400 | U | 230 | J | NC | 1170 | 11 | U | 6 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 75-27-4 | Bromodichloromethane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/kg | 12 | U | 1400 | U | | | 1400 | U | 490 | U | | | 11 | U | 12 | U | | |
| 108-88-3 | Toluene | ug/kg | 8 | J | 180 | J | NA | 172 | 1400 | U | 49000 | | NC | 47600 | 11 | U | 6 | U | | |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | UJ | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 127-18-4 | Tetrachloroethene | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 591-78-6 | 2-Hexanone | ug/kg | 12 | U | 1400 | U | | | 1400 | U | 490 | U | | | 11 | U | 12 | U | | |
| 124-48-1 | Dibromochloromethane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | UJ | | |
| 106-93-4 | 1,2-Dibromoethane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | UJ | | |
| 108-90-7 | Chlorobenzene | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | UJ | | |
| 100-41-4 | Ethylbenzene | ug/kg | 43 | | 45000 | | 199.62 | NA | 4500 | | 12000 | | 90.91 | NA | 11 | U | 6 | UJ | | |
| 95-47-6 | o-Xylene | ug/kg | | | | | | | 11000 | | | | | | 11 | U | | | | |
| 179601-23-1 | m,p-Xylene | ug/kg | | | | | | | | | | | | | | | | | | |
| 100-42-5 | Styrene | ug/kg | 12 | U | 690 | U | | | 7000 | | 11000 | | 44.44 | NA | 11 | U | 6 | UJ | | |
| 75-25-2 | Bromoform | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | UJ | | |
| 98-82-8 | Isopropylbenzene | ug/kg | 100 | | 12000 | | 196.69 | NA | 1400 | U | 1400 | | NC | 0 | 11 | U | 6 | U | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | UJ | | | 11 | U | 6 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | UJ | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | UJ | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | UJ | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 12 | U | 690 | U | | | 1400 | U | 250 | U | | | 11 | U | 6 | UJ | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 12 | U | 690 | UJ | | | 1400 | U | 250 | U | | | 11 | U | 6 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-SB-01A-004<br>12/11/2005<br>SB-01A | | SB-01A-004<br>12/11/2005<br>SB-01A | | RPD<br><100 | ABS<br><CRQL | CDM-SB-121B-004<br>1/15/2006<br>SB-121B | | SB-121B-004<br>1/15/2006<br>MW-121B | | RPD<br><100 | ABS<br><CRQL | CDM-SS-115-001<br>2/14/2006<br>MW-115 | | SB-115B-001<br>2/14/2006<br>SB-115B | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 108-95-2 | Phenol | ug/kg | 560 | U | 1500 | U | | | 1700 | | 2700 | | 45.45 | NA | 430 | U | 210 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 95-48-7 | 2-Methylphenol | ug/kg | 560 | U | 1500 | U | | | 1900 | | 2800 | | 38.30 | NA | 430 | U | 210 | U | | |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | ug/kg | 560 | U | 1500 | U | | | | | 980 | U | | | | | 210 | U | | |
| 98-86-2 | Acetophenone | ug/kg | 180 | J | 1100 | J | NA | 920 | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 106-44-5 | 4-Methylphenol | ug/kg | 560 | U | 1500 | U | | | 2400 | | 3800 | | 45.16 | NA | 430 | U | 210 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 67-72-1 | Hexachloroethane | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 98-95-3 | Nitrobenzene | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 78-59-1 | Isophorone | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 560 | U | 1500 | U | | | 7300 | | 8400 | | 14.01 | NA | 430 | U | 210 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 91-20-3 | Naphthalene | ug/kg | 12000 | | 890000 | | 194.7 | NA | 660000 | | 940000 | | 35.00 | NA | 430 | U | 210 | U | | |
| 106-47-8 | 4-Chloroaniline | ug/kg | 560 | U | 1500 | U | | | 380 | UJ | 980 | U | | | 430 | U | 210 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 105-60-2 | Caprolactam | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 3900 | | 290000 | | 194.7 | NA | 240000 | | 210000 | | 13.33 | NA | 430 | U | 210 | U | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 560 | U | 4500 | U | | | 380 | U | 2900 | U | | | 430 | U | 620 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 1400 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/kg | 430 | J | 42000 | | NA | 41570 | 46000 | | 39000 | | 16.47 | NA | 430 | U | 210 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/kg | 1400 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 131-11-3 | Dimethylphthalate | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 208-96-8 | Acenaphthylene | ug/kg | 560 | U | 11000 | | NC | 10440 | 35000 | | 27000 | | 25.81 | NA | 430 | U | 100 | J | NC | 330 |
| 99-09-2 | 3-Nitroaniline | ug/kg | 1400 | UJ | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 83-32-9 | Acenaphthene | ug/kg | 2000 | | 160000 | | 195.1 | NA | 130000 | | 100000 | | 26.09 | NA | 430 | U | 210 | U | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SB-01A-004 12/11/2005 SB-01A | | SB-01A-004 12/11/2005 SB-01A | | RPD <100 | ABS <CRQL | CDM-SB-121B-004 1/15/2006 SB-121B | | SB-121B-004 1/15/2006 MW-121B | | RPD <100 | ABS <CRQL | CDM-SS-115-001 2/14/2006 MW-115 | | SB-115B-001 2/14/2006 SB-115B | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 1400 | UJ | 18000 | U | | | 960 | U | 12000 | U | | | 2100 | U | 2500 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/kg | 1400 | U | 4500 | U | | | 380 | U | 2900 | U | | | 430 | U | 620 | U | | |
| 132-64-9 | Dibenzofuran | ug/kg | 1400 | | 110000 | | 195.0 | NA | 110000 | | 84000 | | 26.80 | NA | 430 | U | 210 | U | | |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 560 | U | 1500 | U | | | 3700 | L | 980 | U | NC | 2720 | 430 | U | 210 | U | | |
| 84-66-2 | Diethylphthalate | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 86-73-7 | Fluorene | ug/kg | 1600 | | 120000 | | 194.7 | NA | 130000 | | 100000 | | 26.09 | NA | 430 | U | 210 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/kg | 1400 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/kg | 1400 | U | 4500 | U | | | 380 | U | 2900 | U | | | 1100 | U | 620 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ug/kg | | | | | | | 380 | U | | | | | 430 | U | | | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 1912-24-9 | Atrazine | ug/kg | 560 | UJ | 1500 | U | | | 380 | UJ | 980 | U | | | 430 | U | 210 | U | | |
| 87-86-5 | Pentachlorophenol | ug/kg | 1400 | U | 4500 | U | | | 1900 | U | 2900 | U | | | 1100 | U | 620 | U | | |
| 85-01-8 | Phenanthrene | ug/kg | 4800 | | 270000 | | 193.0 | NA | 370000 | | 320000 | | 14.49 | NA | 660 | | 450 | | 37.8 | NA |
| 120-12-7 | Anthracene | ug/kg | 950 | | 73000 | | 194.9 | NA | 62000 | | 54000 | | 13.79 | NA | 430 | U | 130 | J | NC | 300 |
| 86-74-8 | Carbazole | ug/kg | 340 | J | 18000 | | NA | 17660 | 23000 | | 19000 | | 19.05 | NA | 430 | U | 50 | J | NC | 380 |
| 84-74-2 | Di-n-butylphthalate | ug/kg | 560 | U | 1500 | U | | | 380 | UJ | 980 | U | | | 430 | UJ | 210 | U | | |
| 206-44-0 | Fluoranthene | ug/kg | 2800 | | 150000 | | 192.7 | NA | 150000 | | 980 | U | NC | 149020 | 1300 | | 880 | | 38.5 | NA |
| 129-00-0 | Pyrene | ug/kg | 2000 | | 130000 | | 193.9 | NA | 110000 | | 80000 | | 31.58 | NA | 1100 | | 950 | | 14.6 | NA |
| 85-68-7 | Butylbenzylphthalate | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 560 | UJ | 3000 | U | | | 380 | UJ | 2000 | U | | | 430 | UJ | 410 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 720 | | 42000 | | 193.3 | NA | 34000 | | 25000 | | 30.51 | NA | 550 | | 490 | | 11.5 | NA |
| 218-01-9 | Chrysene | ug/kg | 640 | | 36000 | | 193.0 | NA | 31000 | | 21000 | | 38.46 | NA | 690 | | 650 | | 6.0 | NA |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/kg | 170 | J | 3000 | U | NC | 2830 | 380 | U | 2000 | U | | | 430 | U | 120 | J | NC | 310 |
| 117-84-0 | Di-n-octylphthalate | ug/kg | 560 | U | 1500 | U | | | 380 | U | 980 | U | | | 430 | U | 210 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 380 | J | 25000 | | NA | 24620 | 25000 | J | 16000 | | 43.90 | NA | 870 | | 770 | | 12.2 | NA |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 310 | J | 12000 | | NA | 11690 | 11000 | J | 6600 | | 50.00 | NA | 430 | U | 370 | | NC | 60 |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 420 | J | 24000 | | NA | 23580 | 24000 | | 14000 | | 52.63 | NA | 560 | | 580 | | 3.5 | NA |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 180 | J | 9800 | | NA | 9620 | 12000 | | 6600 | | 58.06 | NA | 440 | | 410 | | 7.1 | NA |
| 53-70-3 | Dibenz(a,h)anthracene | ug/kg | 560 | U | 3700 | | NC | 3140 | 2400 | | 2200 | | 8.70 | NA | 430 | U | 110 | J | NC | 320 |
| 191-24-2 | Benzo(g,h,i)perylene | ug/kg | 170 | J | 12000 | | NA | 11830 | 11000 | | 6800 | | 47.19 | NA | 430 | | 460 | | 6.7 | NA |
| 58-90-2 | Chlorophenols | ug/kg | | | | | | | | | | | | | | | | | | |

Table 1
Quanta Resources Site
*Soil Split Samples*

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-SB-01A-004 12/11/2005 SB-01A | | SB-01A-004 12/11/2005 SB-01A | | RPD <100 | ABS <CRQL | CDM-SB-121B-004 1/15/2006 SB-121B | | SB-121B-004 1/15/2006 MW-121B | | RPD <100 | ABS <CRQL | CDM-SS-115-001 2/14/2006 MW-115 | | SB-115B-001 2/14/2006 SB-115B | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Aroclors** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/kg | 56 | U | 77 | U | | | 38 | R | 20 | UJ | | | 20 | U | 21 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/kg | 110 | U | 77 | U | | | 78 | R | 20 | UJ | | | 40 | U | 21 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/kg | 56 | U | 77 | U | | | 38 | R | 20 | UJ | | | 20 | U | 21 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/kg | 56 | U | 77 | U | | | 38 | R | 20 | UJ | | | 20 | U | 21 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/kg | 56 | U | 77 | U | | | 38 | R | 20 | UJ | | | 20 | U | 21 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/kg | 56 | U | 510 | | NC | 454 | 38 | R | 20 | UJ | | | 20 | U | 37 | J | NC | 17 |
| 11096-82-5 | Aroclor-1260 | ug/kg | 56 | U | 120 | | NC | 64 | 38 | R | 20 | UJ | | | 20 | U | 14 | J | NC | 6 |
| 37324-23-5 | Aroclor-1262 | ug/kg | | | | | | | | | | | | | | | | | | |
| 11100-14-4 | Aroclor-1268 | ug/kg | | | | | | | | | | | | | | | | | | |
| **Metals** | **Inorganic Analytes** | | **No Metals** | | | | | | | | | | | | | | | | | |
| 7439-97-6 | Mercury | mg/Kg | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | mg/Kg | | | | | | | 1.2 | U | | | | | 0.0012 | U | | | | |
| 7429-90-5 | Aluminum | mg/Kg | | | | | | | 9900 | | | | | | 9.1 | | | | | |
| 7440-38-2 | Arsenic | mg/Kg | | | 29.8 | | | | 4.7 | | 3.7 | | 23.8 | NA | 0.0057 | | 6.1 | | 199.6 | NA |
| 7440-39-3 | Barium | mg/Kg | | | | | | | 45 | | | | | | 0.085 | | | | | |
| 7440-41-7 | Beryllium | mg/Kg | | | | | | | 0.58 | U | | | | | 0.00061 | U | | | | |
| 7440-70-2 | Calcium | mg/Kg | | | | | | | 1100 | | | | | | 6.7 | | | | | |
| 7440-43-9 | Cadmium | mg/Kg | | | | | | | 0.58 | U | | | | | 0.00061 | U | | | | |
| 7440-48-4 | Cobalt | mg/Kg | | | | | | | 6.1 | | | | | | 0.0079 | | | | | |
| 7440-47-3 | Chromium | mg/Kg | | | | | | | 18 | | | | | | 0.07 | L | 17.6 | J | 198.4 | NA |
| 7440-50-8 | Copper | mg/Kg | | | | | | | 16 | | | | | | 0.036 | | | | | |
| 7439-89-6 | Iron | mg/Kg | | | | | | | 20000 | | | | | | 19 | | | | | |
| 7440-09-7 | Potassium | mg/Kg | | | | | | | 1600 | | | | | | 1700 | | | | | |
| 7439-95-4 | Magnesium | mg/Kg | | | | | | | 3400 | | | | | | 5400 | L | | | | |
| 7439-96-5 | Manganese | mg/Kg | | | | | | | 170 | | | | | | 340 | | | | | |
| 7440-23-5 | Sodium | mg/Kg | | | | | | | 780 | | | | | | 610 | U | | | | |
| 7440-02-0 | Nickel | mg/Kg | | | | | | | 16 | | | | | | 15 | | | | | |
| 7439-92-1 | Lead | mg/Kg | | | 350 | | | | 7.9 | | 8 | | 1.3 | NA | 67 | | 65.5 | | 2.3 | NA |
| 7782-49-2 | Selenium | mg/Kg | | | | | | | 4 | U | | | | | 4.2 | U | | | | |
| 7440-36-0 | Antimony | mg/Kg | | | | | | | 6.9 | U | | | | | 7.3 | U | | | | |
| 7440-28-0 | Thallium | mg/Kg | | | | | | | 2.9 | U | | | | | 3 | U | | | | |
| 7440-62-2 | Vanadium | mg/Kg | | | | | | | 24 | | | | | | 31 | | | | | |
| 7440-66-6 | Zinc | mg/Kg | | | | | | | 39 | | | | | | 84 | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 629 | Dup-pairs | 34 | Dup-pairs | 34 | Dup-pairs | 21 |
| Total Failed | 149 | Failed Criteria | 25 | Failed Criteria | 4 | Failed Criteria | 2 |
| % Failed of Total | 23.69% | % Failed | 73.53% | % Failed | 11.76% | % Failed | 9.52% |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-TL15-09-14 10/10/2006 TL15 | | TL15-09-14 10/10/2006 TL-15 | | RPD <100 | ABS <CRQL | CDM-TL14-09-11 10/11/2006 TL-14 | | TL14-09-11 10/11/2006 TL-14 | | RPD <100 | ABS <CRQL | CDM-SB-22-16 10/13/2006 SB-22 | | SB-22-16 10/13/2006 SB-22 | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 74-87-3 | Chloromethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 75-01-4 | Vinyl Chloride | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 74-83-9 | Bromomethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 75-00-3 | Chloroethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 67-64-1 | Acetone | ug/kg | 590 | U | 1800 | U | | | 10000 | U | 19000 | U | | | 42000 | U | 41000 | U | | |
| 75-15-0 | Carbon Disulfide | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 79-20-9 | Methyl Acetate | ug/kg | 300 | U | 295 | J | NC | 5 | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 75-09-2 | Methylene Chloride | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/kg | 300 | U | 180 | U | | | 5000 | U | 1900 | U | | | 21000 | U | 4100 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 78-93-3 | 2-Butanone | ug/kg | 590 | U | 1800 | U | | | 10000 | U | 19000 | U | | | 42000 | U | 41000 | U | | |
| 74-97-5 | Chlorobromomethane | ug/kg | 300 | U | 300 | U | | | 5000 | U | 5000 | U | | | 21000 | U | 21000 | U | | |
| 67-66-3 | Chloroform | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 110-82-7 | Cyclohexane | ug/kg | 300 | U | 880 | U | | | 480 | J | 9300 | U | NC | 8820 | 21000 | U | 20000 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 71-43-2 | Benzene | ug/kg | 4500 | | 12600 | | 94.74 | NA | 120000 | | 92600 | | 25.78 | NA | 29000 | | 2930 | J | NA | 26070 |
| 107-06-2 | 1,2-Dichloroethane | ug/kg | 300 | U | 180 | U | | | 5000 | U | 1900 | U | | | 21000 | U | 4100 | U | | |
| 123-91-1 | 1,4-Dioxane | ug/kg | 5900 | U | 5900 | U | | | 100000 | U | 100000 | U | | | 420000 | U | 420000 | U | | |
| 79-01-6 | Trichloroethene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 108-87-2 | Metylcyclohexane | ug/kg | 300 | U | 880 | U | | | 1600 | J | 1520 | J | 5.13 | NA | 21000 | U | 20000 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 75-27-4 | Bromodichloromethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/kg | 590 | U | 880 | U | | | 10000 | U | 9300 | UJ | | | 42000 | U | 20000 | U | | |
| 108-88-3 | Toluene | ug/kg | 100 | J | 243 | J | 83.38 | NA | 170000 | | 186000 | | 8.99 | NA | 94000 | | 8190 | | 167.942 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 127-18-4 | Tetrachloroethene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 591-78-6 | 2-Hexanone | ug/kg | 590 | U | 880 | U | | | 10000 | U | 9300 | U | | | 42000 | U | 20000 | U | | |
| 124-48-1 | Dibromochloromethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/kg | 300 | U | 180 | U | | | 5000 | U | 1900 | U | | | 21000 | U | 4100 | U | | |
| 108-90-7 | Chlorobenzene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 100-41-4 | Ethylbenzene | ug/kg | 19 | J | 180 | U | NC | 161 | 80000 | | 138000 | | 53.21 | NA | 110000 | | 8230 | | 172.156 | NA |
| 95-47-6 | o-Xylene | ug/kg | 9.2 | J | 180 | U | NC | 170.8 | 63000 | | 107000 | | 51.76 | NA | 61000 | | 4110 | | 174.75 | NA |
| 179601-23-1 | m,p-Xylene | ug/kg | 16 | J | 350 | U | NC | 334 | 140000 | | 241000 | | 53.02 | NA | 130000 | | 9370 | | 173.108 | NA |
| 100-42-5 | Styrene | ug/kg | 300 | U | 880 | U | | | 45000 | | 57000 | | 23.53 | NA | 5000 | J | 20000 | U | NC | 15000 |
| 75-25-2 | Bromoform | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 98-82-8 | Isopropylbenzene | ug/kg | 300 | U | 880 | U | | | 8700 | | 21800 | | 85.90 | NA | 12000 | J | 20000 | U | NC | 8000 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/kg | 300 | U | 1800 | U | | | 5000 | U | 19000 | U | | | 21000 | U | 41000 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/kg | 300 | U | 880 | U | | | 5000 | U | 9300 | U | | | 21000 | U | 20000 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/kg | 300 | U | 300 | U | | | 5000 | U | 5000 | U | | | 21000 | U | 21000 | U | | |

Table 1
Quanta Resources Site
*Soil Split Samples*

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-TL15-09-14<br>10/10/2006<br>TL15 | | TL15-09-14<br>10/10/2006<br>TL-15 | | RPD<br><100 | ABS<br><CRQL | CDM-TL14-09-11<br>10/11/2006<br>TL-14 | | TL14-09-11<br>10/11/2006<br>TL-14 | | RPD<br><100 | ABS<br><CRQL | CDM-SB-22-16<br>10/13/2006<br>SB-22 | | SB-22-16<br>10/13/2006<br>SB-22 | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | U | | |
| 108-95-2 | Phenol | ug/kg | 130000 | U | 1300 | U | | | 400000 | JB | 92700 | JB | NA | 307300 | 290000 | J | 98400 | J | NA | 191600 |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | U | | |
| 95-48-7 | 2-Methylphenol | ug/kg | 130000 | U | 2570 | U | | | 72000 | J | 83200 | J | NA | 11200 | 180000 | J | 123000 | J | NA | 57000 |
| 108-60-1 | 2,2'-oxybis(1-Chloropropane) | ug/kg | 130000 | U | 130000 | U | | | 400000 | U | 400000 | U | | | 570000 | U | 570000 | U | | |
| 98-86-2 | Acetophenone | ug/kg | 130000 | U | 1300 | U | | | 400000 | JB | 16400 | J | NA | 383600 | 570000 | U | 1800 | U | | |
| 106-44-5 | 4-Methylphenol | ug/kg | 130000 | U | 130000 | U | | | 130000 | J | 130000 | J | NA | 0 | 470000 | J | 470000 | J | NA | 0 |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 67-72-1 | Hexachloroethane | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | U | | |
| 98-95-3 | Nitrobenzene | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 78-59-1 | Isophorone | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/kg | 12000 | J | 3280 | J | 114.14 | NA | 130000 | J | 113000 | J | NA | 17000 | 280000 | J | 280000 | J | NA | 0 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | U | | |
| 91-20-3 | Naphthalene | ug/kg | 3700000 | E | 62400 | E | 193.37 | NA | 9100000 | E | 10200000 | E | 11.40 | NA | 8600000 | | 7250000 | | 17.0 | NA |
| 106-47-8 | 4-Chloroaniline | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 105-60-2 | Caprolactam | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/kg | 1200000 | | 19700 | | 193.54 | NA | 2700000 | | 3160000 | | 15.70 | NA | 2000000 | | 1680000 | | 17.4 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/kg | 130000 | U | 5100 | U | | | 400000 | U | 15000 | UJ | | | 570000 | U | 7400 | UJ | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/kg | 190000 | | 3780 | | 192.20 | NA | 450000 | | 537000 | | 17.63 | NA | 360000 | J | 260000 | J | NA | 100000 |
| 91-58-7 | 2-Chloronaphthalene | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/kg | 270000 | U | 1300 | U | | | 810000 | U | 3800 | U | | | 1100000 | U | 1800 | U | | |
| 131-11-3 | Dimethylphthalate | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 208-96-8 | Acenaphthylene | ug/kg | 130000 | U | 510 | U | | | 330000 | J | 402000 | J | NA | 72000 | 76000 | J | 74900 | J | NA | 1100 |
| 99-09-2 | 3-Nitroaniline | ug/kg | 270000 | U | 1300 | U | | | 810000 | U | 3800 | U | | | 1100000 | U | 1800 | U | | |
| 83-32-9 | Acenaphthene | ug/kg | 670000 | | 34000 | | 180.68 | NA | 1200000 | | 1380000 | | 13.95 | NA | 1400000 | | 1060000 | | 27.6 | NA |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-TL15-09-14<br>10/10/2006<br>TL15 | | TL15-09-14<br>10/10/2006<br>TL-15 | | RPD<br><100 | ABS<br><CRQL | CDM-TL14-09-11<br>10/11/2006<br>TL-14 | | TL14-09-11<br>10/11/2006<br>TL-14 | | RPD<br><100 | ABS<br><CRQL | CDM-SB-22-16<br>10/13/2006<br>SB-22 | | SB-22-16<br>10/13/2006<br>SB-22 | | RPD<br><100 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/kg | 270000 | U | 5100 | U | | | 810000 | U | 15000 | U | | | 1100000 | U | 7400 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/kg | 270000 | U | 5100 | UJ | | | 810000 | U | 15000 | U | | | 1100000 | U | 7400 | U | | |
| 132-64-9 | Dibenzofuran | ug/kg | 420000 | | 22600 | | 179.58 | NA | 1000000 | | 1080000 | | 7.69 | NA | 1100000 | | 780000 | | 34.0 | NA |
| 121-14-2 | 2,4-Dinitrotoluene | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 84-66-2 | Diethylphthalate | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 86-73-7 | Fluorene | ug/kg | 600000 | | 29300 | | 181.38 | NA | 1400000 | | 1530000 | | 8.87 | NA | 1300000 | | 1010000 | | 25.1 | NA |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/kg | 270000 | U | 1300 | U | | | 810000 | U | 3800 | U | | | 1100000 | U | 1800 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/kg | 270000 | U | 5100 | U | | | 810000 | U | 15000 | U | | | 1100000 | U | 7400 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | U | | |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | ug/kg | 130000 | U | 130000 | U | | | 400000 | U | 400000 | U | | | 570000 | U | 570000 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 1912-24-9 | Atrazine | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | U | | |
| 87-86-5 | Pentachlorophenol | ug/kg | 270000 | U | 5100 | UJ | | | 810000 | U | 15000 | UJ | | | 1100000 | U | 7400 | UJ | | |
| 85-01-8 | Phenanthrene | ug/kg | 1700000 | | 349000 | | 131.87 | NA | 4200000 | | 4600000 | | 9.09 | NA | 6700000 | | 5140000 | | 26.4 | NA |
| 120-12-7 | Anthracene | ug/kg | 340000 | | 66400 | | 134.65 | NA | 890000 | | 1050000 | | 16.49 | NA | 1100000 | | 883000 | | 21.9 | NA |
| 86-74-8 | Carbazole | ug/kg | 260000 | | 56900 | | 128.18 | NA | 450000 | | 447000 | | 0.67 | NA | 890000 | | 544000 | | 48.3 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | U | | |
| 206-44-0 | Fluoranthene | ug/kg | 780000 | | 524000 | | 39.26 | NA | 2000000 | | 2350000 | | 16.09 | NA | 5500000 | | 4510000 | | 19.8 | NA |
| 129-00-0 | Pyrene | ug/kg | 710000 | | 446000 | | 45.67 | NA | 1900000 | | 1700000 | | 11.11 | NA | 5700000 | | 3460000 | | 48.9 | NA |
| 85-68-7 | Butylbenzylphthalate | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | U | | | 570000 | U | 740 | UJ | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/kg | 130000 | U | 1300 | U | | | 400000 | U | 3800 | U | | | 570000 | U | 1800 | UJ | | |
| 56-55-3 | Benzo(a)anthracene | ug/kg | 210000 | | 245000 | | 15.38 | NA | 600000 | | 686000 | | 13.37 | NA | 2300000 | | 1530000 | | 40.2 | NA |
| 218-01-9 | Chrysene | ug/kg | 190000 | | 283000 | | 39.32 | NA | 520000 | | 596000 | | 13.62 | NA | 2500000 | | 1670000 | | 39.8 | NA |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1980 | J | NC | 398020 | 570000 | U | 740 | UJ | | |
| 117-84-0 | Di-n-octylphthalate | ug/kg | 130000 | U | 510 | U | | | 400000 | U | 1500 | UJ | | | 570000 | U | 740 | UJ | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/kg | 160000 | | 193000 | | 18.70 | NA | 420000 | | 346000 | | 19.32 | NA | 2500000 | | 1120000 | | 76.2 | NA |
| 207-08-9 | Benzo(k)fluoranthene | ug/kg | 65000 | J | 151000 | J | 79.63 | NA | 180000 | J | 262000 | J | NA | 82000 | 740000 | | 839000 | | 12.5 | NA |
| 50-32-8 | Benzo(a)pyrene | ug/kg | 120000 | J | 226000 | J | 61.27 | NA | 310000 | J | 434000 | J | NA | 124000 | 1800000 | | 1210000 | | 39.2 | NA |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/kg | 66000 | J | 107000 | J | 47.40 | NA | 160000 | J | 170000 | J | NA | 10000 | 1200000 | | 491000 | | 83.9 | NA |
| 53-70-3 | Dibenz(a,h)anthracene | ug/kg | 130000 | U | 46800 | U | | | 400000 | U | 71000 | J | NC | 329000 | 300000 | J | 220000 | J | NA | 80000 |
| 191-24-2 | Benzo(g,h,i)perylene | ug/kg | 130000 | U | 127000 | U | | | 400000 | U | 191000 | U | | | 1100000 | | 551000 | | 66.5 | NA |
| 58-90-2 | Chlorophenols | ug/kg | 130000 | U | 130000 | U | | | 400000 | U | 400000 | U | | | 570000 | U | 570000 | U | | |

Table 1
Quanta Resources Site
Soil Split Samples

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-TL15-09-14 10/10/2006 TL15 | | TL15-09-14 10/10/2006 TL-15 | | RPD <100 | ABS <CRQL | CDM-TL14-09-11 10/11/2006 TL-14 | | TL14-09-11 10/11/2006 TL-14 | | RPD <100 | ABS <CRQL | CDM-SB-22-16 10/13/2006 SB-22 | | SB-22-16 10/13/2006 SB-22 | | RPD <100 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Aroclors** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/kg | 440 | U | 150 | U | | | 530 | U | 390 | U | | | 3700 | U | 3700 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/kg | 440 | U | 150 | U | | | 530 | U | 390 | U | | | 3700 | U | 3700 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/kg | 440 | U | 150 | U | | | 530 | U | 390 | U | | | 3700 | U | 3700 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/kg | 440 | U | 150 | U | | | 530 | U | 390 | U | | | 3700 | U | 3700 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/kg | 440 | U | 150 | U | | | 530 | U | 390 | U | | | 3700 | U | 3700 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/kg | 440 | U | 150 | U | | | 530 | U | 390 | U | | | 3700 | U | 3700 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/kg | 440 | U | 150 | U | | | 530 | U | 390 | U | | | 3700 | U | 3700 | U | | |
| 37324-23-5 | Aroclor-1262 | ug/kg | 440 | U | 440 | U | | | 530 | U | 530 | U | | | 3700 | U | 3700 | U | | |
| 11100-14-4 | Aroclor-1268 | ug/kg | 440 | U | 440 | U | | | 530 | U | 530 | U | | | 3700 | U | 3700 | U | | |
| **Metals** | **Inorganic Analytes** | | **No Metals** | | | | | | | | | | | | | | | | | |
| 7439-97-6 | Mercury | mg/Kg | | | | | | | | | | | | | | | 0.13 | | | |
| 7440-22-4 | Silver | mg/Kg | | | 2.7 | | | | 2.4 | | 2.4 | | | | 1.17 | U | 1.2 | U | | |
| 7429-90-5 | Aluminum | mg/Kg | | | 7540 | | | | 3420 | | 3420 | | | | 954 | | 938 | | | |
| 7440-38-2 | Arsenic | mg/Kg | | | 1.7 | | | | 12.7 | | 12.7 | | 0.00 | NA | 3.1 | | 9.4 | | 100.8 | NA |
| 7440-39-3 | Barium | mg/Kg | | | 25.4 | U | | | 37 | | 37 | | | | 23.4 | U | 14.5 | J | | |
| 7440-41-7 | Beryllium | mg/Kg | | | 0.64 | U | | | 0.8 | U | 0.8 | U | | | 0.59 | U | 0.073 | U | | |
| 7440-70-2 | Calcium | mg/Kg | | | 636 | U | | | 179001 | | 179001 | | | | 1580 | | 1090 | | | |
| 7440-43-9 | Cadmium | mg/Kg | | | 0.64 | U | | | 0.3 | J | 0.3 | J | | | 0.59 | U | 0.58 | U | | |
| 7440-48-4 | Cobalt | mg/Kg | | | 4.2 | J | | | 4.1 | J | 4.1 | J | | | 1.9 | J | 2 | J | | |
| 7440-47-3 | Chromium | mg/Kg | | | 11.7 | | | | 7.8 | | 7.8 | | | | 10.7 | | 13.4 | | | |
| 7440-50-8 | Copper | mg/Kg | | | 8.7 | J | | | 34.6 | J | 34.6 | J | | | 13.2 | J | 16 | J | | |
| 7439-89-6 | Iron | mg/Kg | | | 11900 | | | | 10700 | | 10700 | | | | 4110 | | 3320 | | | |
| 7440-09-7 | Potassium | mg/Kg | | | 636 | UJ | | | 797 | UJ | 797 | UJ | | | 586 | UJ | 128 | J | | |
| 7439-95-4 | Magnesium | mg/Kg | | | 2870 | | | | 3790 | | 3790 | | | | 586 | U | 268 | J | | |
| 7439-96-5 | Manganese | mg/Kg | | | 110 | | | | 84.4 | | 84.4 | | | | 33 | | 20.9 | | | |
| 7440-23-5 | Sodium | mg/Kg | | | 1210 | J | | | 797 | UJ | 797 | UJ | | | 586 | UJ | 236 | U | | |
| 7440-02-0 | Nickel | mg/Kg | | | 10.7 | | | | 10.8 | | 10.8 | | | | 5 | | 5.2 | | | |
| 7439-92-1 | Lead | mg/Kg | | | 6.3 | | | | 130 | | 130 | | 0.00 | NA | 71.9 | | 55.5 | | 25.7 | NA |
| 7782-49-2 | Selenium | mg/Kg | | | 4.5 | U | | | 5.6 | U | 5.6 | U | | | 4.1 | U | 1.8 | J | | |
| 7440-36-0 | Antimony | mg/Kg | | | 7.6 | U | | | 9.6 | U | 9.6 | U | | | 7 | U | 2.3 | U | | |
| 7440-28-0 | Thallium | mg/Kg | | | 3.2 | U | | | 4 | U | 4 | U | | | 2.9 | U | 2.9 | U | | |
| 7440-62-2 | Vanadium | mg/Kg | | | 13 | | | | 11.6 | | 11.6 | | | | 3.9 | J | 3.5 | J | | |
| 7440-66-6 | Zinc | mg/Kg | | | 30.1 | | | | 28.2 | | 74.1 | | | | | | 24.8 | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 629 | Dup-pairs | 24.00 | Dup-pairs | 36.00 | Dup-pairs | 33 |
| Total Failed | 149 | Failed Criteria | 10.00 | Failed Criteria | 2.00 | Failed Criteria | 6 |
| % Failed of Total | 23.69% | % Failed | 41.67% | % Failed | 5.56% | % Failed | 18.18% |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-103DS-022006 2/20/2006 MW-103DS | MW-103DS-022006 2/20/2006 MW-103DS | RPD <50 | ABS <CRQL | CDM-MW-103-022006 2/20/2006 MW-103 | MW-103-022006 2/20/2006 MW-103 | RPD <50 | ABS <CRQL | CDM-MW-103A-022006 2/20/2006 MW-103A | MW-103A-022006 2/20/2006 MW-103A | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 74-87-3 | Chloromethane | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 74-83-9 | Bromomethane | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 75-00-3 | Chloroethane | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 5 UJ | 0.5 U | | | 5 UJ | 50 U | | | 63 U | 50 U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 5 UJ | 1.9 | NC | 3.1 | 5 UJ | 50 U | | | 63 U | 50 U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 5 UJ | 0.5 U | | | 5 UJ | 50 U | | | 63 U | 50 U | | |
| 67-64-1 | Acetone | ug/L | 10 U | 5 UJ | | | 17 U | 500 UJ | | | 130 U | 500 UJ | | |
| 75-15-0 | Carbon Disulfide | ug/L | 5 U | 0.1 J | NC | 4.9 | 5 U | 50 U | | | 63 U | 11 J | NC | 52 |
| 79-20-9 | Methyl Acetate | ug/L | 5 UJ | 1 U | | | 5 UJ | 100 U | | | 63 U | 100 U | | |
| 75-09-2 | Methylene Chloride | ug/L | 5 UJ | 0.5 U | | | 5 UJ | 50 U | | | 63 U | 50 U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 5 U | 0.1 J | NC | 4.9 | 5 U | 50 U | | | 63 U | 50 U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 5 UJ | 0.2 J | NC | 4.8 | 5 UJ | 50 U | | | 63 U | 50 U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 5 U | 1.2 | NC | 3.8 | 6 | 50 U | NC | 44 | 63 U | 50 U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 3 J | 3.2 | 6.5 | NA | 5 U | 50 U | | | 63 U | 50 U | | |
| 78-93-3 | 2-Butanone | ug/L | 10 U | 5 U | | | 9 J | 500 U | NC | 491 | 130 U | 500 U | | |
| 67-66-3 | Chloroform | ug/L | 5 U | 0.7 | NC | 4.3 | 5 U | 50 U | | | 63 U | 50 U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 5 UJ | 0.5 | NC | 4.5 | 5 UJ | 50 U | | | 63 U | 50 U | | |
| 110-82-7 | Cyclohexane | ug/L | 5 U | 0.5 U | | | 1 J | 50 U | NC | 49 | 63 U | 50 U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 5 UJ | 0.5 U | | | 5 UJ | 50 U | | | 63 U | 50 U | | |
| 71-43-2 | Benzene | ug/L | 5 U | 0.5 U | | | 870 | 980 | 11.9 | NA | 120 | 140 | 15.4 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 5 UJ | 0.2 J | NC | 4.8 | 5 UJ | 50 U | | | 63 U | 50 U | | |
| 79-01-6 | Trichloroethene | ug/L | 130 | 120 | 8.0 | NA | 3 J | 50 U | NC | 47 | 63 U | 50 U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 10 U | 5 U | | | 18 | 500 U | NC | 482 | 130 U | 500 U | | |
| 108-88-3 | Toluene | ug/L | 5 U | 0.5 U | | | 2000 | 2200 | 9.5 | NA | 76 | 95 | 22.2 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 1 J | 0.8 | NA | 0.2 | 5 U | 50 U | | | 63 U | 50 U | | |
| 591-78-6 | 2-Hexanone | ug/L | 10 U | 5 U | | | 10 U | 500 U | | | 130 U | 500 U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 5 UJ | 0.5 U | | | 5 UJ | 50 U | | | 63 U | 50 U | | |
| 108-90-7 | Chlorobenzene | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 100-41-4 | Ethylbenzene | ug/L | 1 J | 0.5 U | NC | 0.5 | 1200 | 1300 | 8.0 | NA | 800 | 970 | 19.2 | NA |
| 100-42-5 | Styrene | ug/L | 5 U | 0.5 UJ | | | 520 | 480 J | 8.0 | NA | 63 U | 50 UJ | | |
| 75-25-2 | Bromoform | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 5 U | 0.5 U | | | 160 | 130 | 20.7 | NA | 81 | 110 | 30.4 | NA |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 5 U | 2 U | | | 5 U | 200 U | | | 63 U | 200 U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 5 U | 0.5 U | | | 5 U | 50 U | | | 63 U | 50 U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | 5 U | | | | 5 U | | | | 63 U | | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-103DS-022006 2/20/2006 MW-103DS | | MW-103DS-022006 2/20/2006 MW-103DS | | RPD <50 | ABS <CRQL | CDM-MW-103-022006 2/20/2006 MW-103 | | MW-103-022006 2/20/2006 MW-103 | | RPD <50 | ABS <CRQL | CDM-MW-103A-022006 2/20/2006 MW-103A | | MW-103A-022006 2/20/2006 MW-103A | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | UJ | | | 9 | U | 5 | U | | |
| 108-95-2 | Phenol | ug/L | 5 | U | 5 | U | | | 10 | U | 36 | J | NC | 26 | 9 | U | 5 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 5 | U | 5 | U | | | 250 | J | 260 | | 3.9 | NA | 57 | | 61 | | 6.8 | NA |
| 98-86-2 | Acetophenone | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 8 | J | 5 | U | NC | 3 |
| 106-44-5 | 4-Methylphenol | ug/L | 5 | U | 5 | U | | | 250 | J | 220 | | 12.8 | NA | 16 | | 14 | | 13.3 | NA |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 78-59-1 | Isophorone | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 5 | U | 10 | U | | | 1400 | | 1300 | J | 7.4 | NA | 67 | | 85 | | 23.7 | NA |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | 7 | | 7 | | 0.0 | NA | 20000 | | 18000 | | 10.5 | NA | 14000 | | 11000 | | 57.1 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 105-60-2 | Caprolactam | ug/L | 8 | | 14 | U | NC | 6 | 10 | U | 140 | U | NC | 130 | 9 | U | 14 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 5 | U | 5 | U | | | 1800 | | 1500 | | 18.2 | NA | 1300 | J | 1000 | | 26.1 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 5 | U | 14 | U | | | 10 | U | 140 | U | | | 9 | U | 14 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 5 | UJ | 5 | U | | | 10 | UJ | 47 | U | | | 9 | UJ | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 5 | UJ | 5 | U | | | 10 | UJ | 47 | U | | | 9 | UJ | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 5 | U | 5 | U | | | 150 | J | 130 | | 14.3 | NA | 110 | | 110 | | 0.0 | NA |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 5 | U | 5 | UJ | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 9 | U | 5 | U | | | 20 | U | 47 | U | | | 18 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 5 | U | 5 | U | | | 45 | | 40 | J | 11.8 | NA | 3 | J | 5 | | NA | 2 |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 9 | U | 5 | U | | | 20 | U | 47 | U | | | 18 | U | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 5 | U | 5 | U | | | 380 | J | 280 | | 30.3 | NA | 220 | J | 170 | | 25.6 | NA |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-103DS-022006 2/20/2006 MW-103DS | | MW-103DS-022006 2/20/2006 MW-103DS | | RPD <50 | ABS <CRQL | CDM-MW-103-022006 2/20/2006 MW-103 | | MW-103-022006 2/20/2006 MW-103 | | RPD <50 | ABS <CRQL | CDM-MW-103A-022006 2/20/2006 MW-103A | | MW-103A-022006 2/20/2006 MW-103A | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 9 | U | 57 | UJ | | | 20 | U | 570 | U | | | 18 | U | 57 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 9 | U | 29 | U | | | 20 | U | 280 | U | | | 18 | U | 28 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 5 | U | 5 | U | | | 250 | J | 180 | | 32.6 | NA | 61 | | 61 | | 0.0 | NA |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 86-73-7 | Fluorene | ug/L | 0.5 | J | 5 | U | NC | 4.5 | 180 | J | 150 | | 18.2 | NA | 88 | | 90 | | 2.2 | NA |
| 84-66-2 | Diethylphthalate | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 9 | U | 5 | U | | | 20 | U | 47 | U | | | 18 | U | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 9 | U | 14 | UJ | | | 20 | U | 140 | U | | | 18 | U | 14 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 1912-24-9 | Atrazine | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 9 | U | 14 | U | | | 20 | UJ | 140 | U | | | 18 | UJ | 14 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 1 | J | 1 | J | 0.0 | NA | 210 | J | 170 | | 21.1 | NA | 68 | | 72 | | 5.7 | NA |
| 120-12-7 | Anthracene | ug/L | 5 | U | 5 | U | | | 38 | | 33 | J | 14.1 | NA | 12 | | 12 | | 0.0 | NA |
| 86-74-8 | Carbazole | ug/L | 5 | U | 5 | U | | | 490 | | 280 | | 54.5 | NA | 77 | | 64 | | 18.4 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 0.5 | J | 5 | U | NC | 4.5 | 38 | J | 34 | J | NA | 4 | 5 | J | 4 | J | NA | 1 |
| 129-00-0 | Pyrene | ug/L | 5 | U | 5 | U | | | 24 | | 26 | J | 8.0 | NA | 3 | J | 3 | J | NA | 0 |
| 85-68-7 | Butylbenzylphthalate | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 5 | U | 5 | U | | | 8 | J | 47 | U | NC | 39 | 9 | U | 5 | U | | |
| 218-01-9 | Chrysene | ug/L | 5 | U | 5 | U | | | 7 | J | 47 | U | NC | 40 | 9 | U | 5 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 5 | U | 5 | U | | | 10 | U | 47 | U | | | 9 | U | 5 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 5 | U | 5 | U | | | 4 | J | 47 | U | NC | 43 | 9 | U | 5 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 5 | U | 5 | U | | | 5 | J | 47 | U | NC | 42 | 9 | U | 5 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 5 | U | 5 | U | | | 6 | J | 47 | U | NC | 41 | 9 | U | 5 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 5 | U | 5 | U | | | 3 | J | 47 | U | NC | 44 | 9 | U | 5 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 5 | U | 5 | U | | | 2 | J | 47 | U | NC | 45 | 9 | U | 5 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 5 | U | 5 | U | | | 3 | J | 47 | U | NC | 44 | 9 | U | 5 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-103DS-022006 2/20/2006 MW-103DS | | MW-103DS-022006 2/20/2006 MW-103DS | | RPD <50 | ABS <CRQL | CDM-MW-103-022006 2/20/2006 MW-103 | | MW-103-022006 2/20/2006 MW-103 | | RPD <50 | ABS <CRQL | CDM-MW-103A-022006 2/20/2006 MW-103A | | MW-103A-022006 2/20/2006 MW-103A | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 2.4 | U | | | 1 | U | 0.47 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 2.4 | U | | | 1 | U | 0.47 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 2.4 | U | | | 1 | U | 0.47 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 2.4 | U | | | 1 | U | 0.47 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 2.4 | U | | | 1 | U | 0.47 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 2.4 | U | | | 1 | U | 0.47 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 2.4 | U | | | 1 | U | 0.47 | U | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 200 | U | | | | | 4500 | | | | | | 200 | U | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 3.5 | | NC | 6.5 | 1800 | | 1780 | | 1.1 | NA | 10 | U | 2.4 | | NC | 200 |
| 7440-39-3 | Barium | ug/L | 200 | U | | | | | 200 | U | | | | | 200 | U | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 76000 | | | | | | 160000 | | | | | | 130000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 25 | U | | | | | 85 | | | | | | 25 | U | | | | |
| 7439-89-6 | Iron | ug/L | 280 | | | | | | 39000 | | | | | | 1200 | | | | | |
| 7440-09-7 | Potassium | ug/L | 5000 | U | | | | | 5000 | U | | | | | 5000 | U | | | | |
| 7439-95-4 | Magnesium | ug/L | 37000 | | | | | | 51000 | | | | | | 12000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 20 | | | | | | 1100 | | | | | | 710 | | | | | |
| 7440-23-5 | Sodium | ug/L | 83000 | | | | | | 100000 | | | | | | 11000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 40 | U | | | | | 40 | U | | | | | 40 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 0.39 | J | NC | 9.61 | 10 | U | 1.7 | | NC | 8.3 | 10 | U | 0.56 | J | NC | 40 |
| 7440-36-0 | Antimony | ug/L | 60 | U | | | | | 60 | U | | | | | 60 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 60 | U | | | | | 390 | | | | | | 60 | U | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| *Total Dup-pairs* | 605 | *Dup-pairs* | 19 | *Dup-pairs* | 37 | *Dup-pairs* | 23 |
| Total Failed | 27 | Failed Criteria | 0 | Failed Criteria | 1 | Failed Criteria | 0 |
| % Failed of Total | 4.46% | % Failed | 0.00% | % Failed | 2.70% | % Failed | 0.00% |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-101DS-022106 2/21/2006 MW-101DS | | MW-101DS-022106 2/21/2006 MW-101DS | | RPD <50 | ABS <CRQL | CDM-MW-102-022306 2/23/2006 MW-102 | | MW-102-022306 2/23/2006 MW-102 | | RPD <50 | ABS <CRQL | CDM-MW-102B-022306 2/23/2006 MW-102B | | MW-102B-022306 2/23/2006 MW-102B | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 74-87-3 | Chloromethane | ug/L | 5 | U | 0.7 | J | NC | 4.3 | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 74-83-9 | Bromomethane | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 75-00-3 | Chloroethane | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 5 | UJ | 2.5 | U | | | 5 | UJ | 50 | U | | | 25 | U | 100 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 3 | J | 2.9 | | NA | 0.1 | 5 | UJ | 50 | U | | | 25 | U | 100 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 5 | UJ | 2.5 | U | | | 5 | UJ | 50 | U | | | 25 | U | 100 | U | | |
| 67-64-1 | Acetone | ug/L | 10 | U | 25 | UJ | | | 160 | | 500 | UJ | NC | 340 | 50 | U | 1000 | UJ | | |
| 75-15-0 | Carbon Disulfide | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 79-20-9 | Methyl Acetate | ug/L | 5 | UJ | 5 | U | | | 5 | UJ | 100 | U | | | 25 | U | 200 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 5 | UJ | 2.5 | U | | | 5 | UJ | 50 | U | | | 25 | U | 100 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 2 | J | 2.1 | J | NA | 0.1 | 5 | UJ | 50 | U | | | 25 | U | 100 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 2 | J | 1.6 | J | NA | 0.4 | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 15 | | 13 | | 14.3 | NA | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 10 | U | 25 | U | | | 16 | | 500 | U | NC | 484 | 50 | U | 1000 | U | | |
| 67-66-3 | Chloroform | ug/L | 5 | U | 0.9 | J | NC | 4.1 | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 2 | J | 1.8 | J | NA | 0.2 | 5 | UJ | 50 | U | | | 25 | U | 100 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 5 | U | 2.5 | U | | | 2 | J | 50 | U | NC | 48 | 25 | U | 100 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 5 | UJ | 2.5 | U | | | 5 | UJ | 50 | U | | | 25 | U | 100 | U | | |
| 71-43-2 | Benzene | ug/L | 5 | U | 2.5 | U | | | 8900 | | 9400 | | 5.5 | NA | 2300 | | 2900 | | 23.1 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 5 | UJ | 2.5 | U | | | 5 | UJ | 50 | U | | | 25 | U | 100 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 460 | | 460 | | 0.0 | NA | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 10 | U | 25 | U | | | 7 | J | 500 | U | NC | 493 | 50 | U | 1000 | U | | |
| 108-88-3 | Toluene | ug/L | 5 | U | 2.5 | U | | | 4200 | | 4200 | | 0.0 | NA | 920 | | 990 | | 7.3 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 11 | | 7.2 | | 41.8 | NA | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 10 | U | 25 | U | | | 4 | J | 500 | U | NC | 496 | 50 | U | 1000 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 5 | UJ | 2.5 | U | | | 5 | UJ | 50 | U | | | 25 | U | 100 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 5 | U | 2.5 | U | | | 1200 | | 1100 | | 8.7 | NA | 830 | | 760 | | 8.8 | NA |
| 100-42-5 | Styrene | ug/L | 5 | U | 2.5 | UJ | | | 59 | | 50 | UJ | NC | 9 | 25 | U | 100 | UJ | | |
| 75-25-2 | Bromoform | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 5 | U | 2.5 | U | | | 30 | | 32 | J | NA | 2 | 50 | | 41 | J | NA | 9 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 5 | U | 10 | U | | | 5 | U | 200 | U | | | 25 | U | 400 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 5 | U | 2.5 | U | | | 5 | U | 50 | U | | | 25 | U | 100 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | | | | | | | 5 | U | | | | | 25 | U | | | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-101DS-022106 2/21/2006 MW-101DS | | MW-101DS-022106 2/21/2006 MW-101DS | | RPD <50 | ABS <CRQL | CDM-MW-102-022306 2/23/2006 MW-102 | | MW-102-022306 2/23/2006 MW-102 | | RPD <50 | ABS <CRQL | CDM-MW-102B-022306 2/23/2006 MW-102B | | MW-102B-022306 2/23/2006 MW-102B | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 108-95-2 | Phenol | ug/L | 5 | U | 5 | U | | | 4400 | | 2400 | | 58.8 | NA | 70 | J | 51 | | NA | 19 |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 5 | U | 5 | U | | | 3700 | | 3700 | | 0.0 | NA | 170 | J | 180 | | NA | 10 |
| 98-86-2 | Acetophenone | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 5 | U | 5 | U | | | 3800 | | 3500 | | 8.2 | NA | 410 | | 390 | | 5.0 | NA |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 5 | U | 5 | U | | | 1000 | UJ | 48 | U | | | 370 | UJ | 47 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 78-59-1 | Isophorone | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 5 | U | 10 | U | | | 5800 | | 6200 | | 6.7 | NA | 900 | | 920 | | 2.2 | NA |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 91-20-3 | Naphthalene | ug/L | 5 | U | 5 | U | | | 10000 | | 12000 | | 18.2 | NA | 11000 | | 11000 | | 0.0 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 105-60-2 | Caprolactam | ug/L | 21 | | 7 | J | 100.0 | NA | 1000 | U | 140 | U | | | 370 | U | 140 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 5 | U | 5 | U | | | 810 | J | 830 | | NA | 20 | 930 | | 890 | | 4.4 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 5 | U | 15 | U | | | 1000 | U | 140 | U | | | 370 | U | 140 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 5 | UJ | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 5 | UJ | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 5 | U | 5 | U | | | 1000 | U | 90 | | NC | 910 | 110 | J | 110 | | NA | 0 |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 5 | U | 5 | UJ | | | 1000 | U | 48 | UJ | | | 370 | U | 47 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 9 | U | 5 | U | | | 2000 | U | 48 | U | | | 730 | U | 47 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 5 | U | 5 | U | | | 1000 | U | 92 | | NC | 908 | 47 | J | 45 | J | NA | 2 |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 9 | U | 5 | U | | | 2000 | UJ | 48 | U | | | 730 | UJ | 47 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 5 | U | 5 | U | | | 130 | J | 140 | | NA | 10 | 240 | J | 220 | | NA | 20 |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-101DS-022106 2/21/2006 MW-101DS | | MW-101DS-022106 2/21/2006 MW-101DS | | RPD <50 | ABS <CRQL | CDM-MW-102-022306 2/23/2006 MW-102 | | MW-102-022306 2/23/2006 MW-102 | | RPD <50 | ABS <CRQL | CDM-MW-102B-022306 2/23/2006 MW-102B | | MW-102B-022306 2/23/2006 MW-102B | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 9 | U | 59 | UJ | | | 2000 | U | 570 | UJ | | | 730 | U | 570 | UJ | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 9 | U | 29 | U | | | 2000 | U | 290 | U | | | 730 | U | 280 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 5 | U | 5 | U | | | 130 | J | 120 | | NA | 10 | 160 | J | 150 | | NA | 10 |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 86-73-7 | Fluorene | ug/L | 5 | U | 5 | U | | | 1000 | U | 99 | | NC | 901 | 120 | J | 120 | | NA | 0 |
| 84-66-2 | Diethylphthalate | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 9 | U | 5 | U | | | 2000 | U | 48 | U | | | 730 | U | 47 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 9 | U | 15 | UJ | | | 2000 | U | 140 | UJ | | | 730 | U | 140 | UJ | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 1912-24-9 | Atrazine | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 9 | UJ | 15 | UJ | | | 2000 | U | 140 | UJ | | | 730 | U | 140 | UJ | | |
| 85-01-8 | Phenanthrene | ug/L | 5 | U | 5 | U | | | 1000 | U | 100 | | NC | 900 | 130 | J | 130 | | NA | 0 |
| 120-12-7 | Anthracene | ug/L | 5 | U | 5 | U | | | 1000 | U | 18 | J | NC | 982 | 370 | U | 17 | J | NC | 353 |
| 86-74-8 | Carbazole | ug/L | 5 | U | 5 | U | | | 230 | J | 230 | | NA | 0 | 240 | J | 230 | | NA | 10 |
| 84-74-2 | Di-n-butylphthalate | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 5 | UJ | 5 | U | | | 1000 | U | 11 | J | NC | 989 | 370 | U | 12 | J | NC | 358 |
| 129-00-0 | Pyrene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 85-68-7 | Butylbenzylphthalate | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 218-01-9 | Chrysene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 5 | UJ | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 5 | U | 5 | U | | | 1000 | UJ | 48 | U | | | 370 | UJ | 47 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 5 | U | 5 | U | | | 1000 | U | 48 | U | | | 370 | U | 47 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-101DS-022106 2/21/2006 MW-101DS | | MW-101DS-022106 2/21/2006 MW-101DS | | RPD <50 | ABS <CRQL | CDM-MW-102-022306 2/23/2006 MW-102 | | MW-102-022306 2/23/2006 MW-102 | | RPD <50 | ABS <CRQL | CDM-MW-102B-022306 2/23/2006 MW-102B | | MW-102B-022306 2/23/2006 MW-102B | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 1 | U | 0.5 | U | | | 1 | U | 0.49 | U | | | 1 | U | 0.48 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 1 | U | 0.5 | U | | | 1 | U | 0.49 | U | | | 1 | U | 0.48 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 1 | U | 0.5 | U | | | 1 | U | 0.49 | U | | | 1 | U | 0.48 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 1 | U | 0.5 | U | | | 1 | U | 0.49 | U | | | 1 | U | 0.48 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 1 | U | 0.5 | U | | | 1 | U | 0.49 | U | | | 1 | U | 0.48 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 1 | U | 0.5 | U | | | 1 | U | 0.49 | U | | | 1 | U | 0.48 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 1 | U | 0.5 | U | | | 1 | U | 0.49 | U | | | 1 | U | 0.48 | U | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 200 | U | | | | | 200 | U | | | | | 6600 | | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 1.3 | J | NC | 8.7 | 24 | | 25.3 | | 5.3 | NA | 280 | | 172 | | 47.8 | NA |
| 7440-39-3 | Barium | ug/L | 200 | U | | | | | 200 | U | | | | | 250 | | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 98000 | | | | | | 150000 | | | | | | 120000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7439-89-6 | Iron | ug/L | 100 | U | | | | | 510 | | | | | | 50000 | | | | | |
| 7440-09-7 | Potassium | ug/L | 5000 | U | | | | | 27000 | | | | | | 32000 | | | | | |
| 7439-95-4 | Magnesium | ug/L | 27000 | | | | | | 39000 | | | | | | 120000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 210 | | | | | | 59 | | | | | | 3800 | | | | | |
| 7440-23-5 | Sodium | ug/L | 71000 | | | | | | 250000 | | | | | | 660000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 40 | U | | | | | 40 | U | | | | | 40 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 0.18 | UJ | | | 10 | U | 0.19 | J | NC | 9.81 | 10 | U | 0.18 | U | | |
| 7440-36-0 | Antimony | ug/L | 60 | U | | | | | 60 | U | | | | | 60 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 60 | U | | | | | 60 | U | | | | | 230 | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 605 | Dup-pairs | 11 | Dup-pairs | 27 | Dup-pairs | 20 |
| Total Failed | 27 | Failed Criteria | 1 | Failed Criteria | 1 | Failed Criteria | 0 |
| % Failed of Total | 4.46% | % Failed | 9.09% | % Failed | 3.70% | % Failed | 0.00% |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-105-022306<br>2/23/2006<br>MW-105 | MW-105-022306<br>2/23/2006<br>MW-105 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-115A-030106<br>3/1/2006<br>MW-115A | | MW-115A-030106<br>3/1/2006<br>MW-115A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | **No VOCs** | 50 | U | | | 5 | U | 5 | U | | |
| 74-87-3 | Chloromethane | ug/L | | 50 | U | | | 5 | U | 1.2 | J | NC | 3.8 |
| 75-01-4 | Vinyl Chloride | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 74-83-9 | Bromomethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 75-00-3 | Chloroethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 67-64-1 | Acetone | ug/L | | 500 | UJ | | | 10 | U | 50 | UJ | | |
| 75-15-0 | Carbon Disulfide | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 79-20-9 | Methyl Acetate | ug/L | | 100 | U | | | 5 | U | 10 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 78-93-3 | 2-Butanone | ug/L | | 500 | U | | | 10 | U | 50 | U | | |
| 67-66-3 | Chloroform | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 110-82-7 | Cyclohexane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 71-43-2 | Benzene | ug/L | | 250 | | | | 5 | U | 5 | U | | |
| 107-06-2 | 1,2-Dichloroethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 79-01-6 | Trichloroethene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | | 500 | U | | | 10 | U | 50 | U | | |
| 108-88-3 | Toluene | ug/L | | 190 | | | | 5 | U | 5 | U | | |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | | 500 | U | | | 10 | U | 50 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | | 220 | | | | 5 | U | 5 | U | | |
| 100-42-5 | Styrene | ug/L | | 50 | UJ | | | 5 | U | 5 | UJ | | |
| 75-25-2 | Bromoform | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | | 50 | J | | | 5 | U | 5 | U | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | | 200 | U | | | 5 | U | 20 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | | 50 | U | | | 5 | U | 5 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | | | | | | 5 | U | | | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-105-022306<br>2/23/2006<br>MW-105 | | MW-105-022306<br>2/23/2006<br>MW-105 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-115A-030106<br>3/1/2006<br>MW-115A | | MW-115A-030106<br>3/1/2006<br>MW-115A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | **No SVOCs** | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 108-95-2 | Phenol | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | | | 16 | J | | | 0.5 | J | 5 | U | NC | 4.5 |
| 98-86-2 | Acetophenone | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 78-59-1 | Isophorone | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | | | 87 | J | | | 23 | | 4 | J | NA | 19 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | | | 8100 | | | | 5 | U | 5 | U | | |
| 106-47-8 | 4-Chloroaniline | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 105-60-2 | Caprolactam | ug/L | | | 140 | U | | | 20 | | 9 | J | 75.9 | NA |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | | | 1000 | | | | 5 | U | 5 | U | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | | | 140 | U | | | 5 | U | 15 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | | | 150 | | | | 5 | U | 5 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | | | 48 | U | | | 9 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | | | 25 | J | | | 5 | U | 5 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | | | 48 | U | | | 5 | U | 5 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | | | 48 | U | | | 9 | U | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | | | 460 | | | | 5 | U | 5 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-105-022306<br>2/23/2006<br>MW-105 | MW-105-022306<br>2/23/2006<br>MW-105 | RPD<br><50 | ABS<br><CRQL | CDM-MW-115A-030106<br>3/1/2006<br>MW-115A | MW-115A-030106<br>3/1/2006<br>MW-115A | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | **No SVOCs** | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | | 580 UJ | | | 9 U | 62 U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | | 290 U | | | 9 U | 31 U | | |
| 132-64-9 | Dibenzofuran | ug/L | | 330 | | | 5 U | 5 U | | |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | | 48 U | | | 5 U | 5 U | | |
| 86-73-7 | Fluorene | ug/L | | 350 | | | 5 U | 5 U | | |
| 84-66-2 | Diethylphthalate | ug/L | | 48 U | | | 5 U | 5 U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | | 48 U | | | 5 U | 5 U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | | 48 U | | | 9 U | 5 U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | | 140 UJ | | | 9 U | 15 U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | | 48 U | | | 5 U | 5 U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | | 48 U | | | 5 U | 5 U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | | 48 U | | | 5 U | 5 U | | |
| 1912-24-9 | Atrazine | ug/L | | 48 U | | | 5 U | 5 U | | |
| 87-86-5 | Pentachlorophenol | ug/L | | 140 UJ | | | 9 U | 15 U | | |
| 85-01-8 | Phenanthrene | ug/L | | 690 | | | 5 U | 5 U | | |
| 120-12-7 | Anthracene | ug/L | | 110 | | | 5 U | 5 U | | |
| 86-74-8 | Carbazole | ug/L | | 400 | | | 5 U | 5 U | | |
| 84-74-2 | Di-n-butylphthalate | ug/L | | 48 U | | | 5 U | 5 U | | |
| 206-44-0 | Fluoranthene | ug/L | | 300 | | | 5 U | 5 U | | |
| 129-00-0 | Pyrene | ug/L | | 220 | | | 5 U | 5 U | | |
| 85-68-7 | Butylbenzylphthalate | ug/L | | 48 U | | | 5 U | 5 U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | | 48 U | | | 5 U | 5 U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | | 89 | | | 5 U | 5 U | | |
| 218-01-9 | Chrysene | ug/L | | 74 | | | 5 U | 5 U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | | 48 U | | | 5 U | 5 U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | | 48 U | | | 5 U | 5 U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | | 77 | | | 5 U | 5 U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | | 45 J | | | 5 U | 5 U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | | 71 | | | 5 U | 5 U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | | 33 J | | | 5 UJ | 5 U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | | 10 J | | | 5 U | 5 U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | | 37 J | | | 5 U | 5 U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-105-022306 2/23/2006 MW-105 | | MW-105-022306 2/23/2006 MW-105 | | RPD <50 | ABS <CRQL | CDM-MW-115A-030106 3/1/2006 MW-115A | | MW-115A-030106 3/1/2006 MW-115A | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | **No PCBs** | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | | | 0.47 | U | | | 1 | U | 0.51 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | | | 0.47 | U | | | 1 | U | 0.51 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | | | 0.47 | U | | | 1 | U | 0.51 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | | | 0.47 | U | | | 1 | U | 0.51 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | | | 0.47 | U | | | 1 | U | 0.51 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | | | 0.47 | U | | | 1 | U | 0.51 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | | | 0.47 | U | | | 1 | U | 0.51 | U | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 10 | U | | | | | 10 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 200 | U | | | | | 200 | U | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 1.4 | U | | | 83 | | 74.5 | | 10.8 | NA |
| 7440-39-3 | Barium | ug/L | 200 | U | | | | | 200 | U | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 110000 | | | | | | 160000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 50 | U | | | | | 50 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 25 | U | | | | | 25 | U | | | | |
| 7439-89-6 | Iron | ug/L | 450 | | | | | | 2200 | | | | | |
| 7440-09-7 | Potassium | ug/L | 5000 | U | | | | | 16000 | | | | | |
| 7439-95-4 | Magnesium | ug/L | 9900 | | | | | | 37000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 230 | | | | | | 400 | | | | | |
| 7440-23-5 | Sodium | ug/L | 16000 | | | | | | 380000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 40 | U | | | | | 40 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 1.4 | | NC | 8.6 | 10 | U | 2.8 | | NC | 7.2 |
| 7440-36-0 | Antimony | ug/L | 60 | U | | | | | 60 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 50 | U | | | | | 50 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 60 | U | | | | | 60 | U | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 605 | Dup-pairs | 1 | | Dup-pairs | 6 | |
| Total Failed | 27 | Failed Criteria | 0 | | Failed Criteria | 2 | |
| % Failed of Total | 4.46% | % Failed | | 0.00% | % Failed | | 33.33% |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-115B-030106<br>3/1/2006<br>MW-115B | | MW-115B-030106<br>3/1/2006<br>MW-115B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-B-031306<br>3/13/2006<br>MW-B | | MW-B-031306<br>3/13/2006<br>MW-B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-C-031306<br>3/13/2006<br>MW-C | | MW-C-031306<br>3/13/2006<br>MW-C | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 74-87-3 | Chloromethane | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 5 | U | 5 | U | | | 10 | U | 3.8 | | NC | 6.2 | 10 | U | 5 | U | | |
| 74-83-9 | Bromomethane | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 75-00-3 | Chloroethane | ug/L | 5 | U | 5 | U | | | 10 | U | 5.8 | | | | 10 | U | 5 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 5 | UJ | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 5 | UJ | 5 | U | | | 10 | U | 0.3 | J | NC | 9.7 | 10 | U | 5 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 5 | UJ | 5 | U | | | 10 | U | 0.3 | J | NC | 9.7 | 10 | U | 5 | U | | |
| 67-64-1 | Acetone | ug/L | 10 | U | 50 | UJ | | | 10 | U | 5 | UJ | | | 10 | U | 160 | J | NC | 150 |
| 75-15-0 | Carbon Disulfide | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 79-20-9 | Methyl Acetate | ug/L | 5 | UJ | 10 | U | | | 10 | U | 1 | U | | | 10 | U | 10 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 5 | UJ | 5 | U | | | 10 | U | 0.8 | U | | | 10 | U | 5 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 5 | UJ | 5 | U | | | 10 | U | 0.5 | J | NC | 9.5 | 10 | U | 5 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 5 | U | 5 | U | | | 120 | | 120 | | 0.0 | NA | 10 | U | 5 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 5 | U | 5 | U | | | 10 | U | 6.2 | | NC | 3.8 | 10 | U | 5 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 10 | U | 50 | U | | | 10 | U | 5 | U | | | 10 | U | 50 | U | | |
| 67-66-3 | Chloroform | ug/L | 0.9 | J | 5 | U | NC | 4.1 | 10 | U | 1.1 | | NC | 8.9 | 10 | U | 5 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 5 | UJ | 5 | U | | | 10 | U | 3 | | NC | 7 | 10 | U | 5 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 4 | J | 1.7 | J | NA | 2.3 | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 5 | UJ | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 71-43-2 | Benzene | ug/L | 520 | | 600 | J | 14.3 | NA | 30 | | 31 | | 3.3 | NA | 220 | | 300 | | 30.8 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 5 | UJ | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 5 | U | 5 | U | | | 10 | U | 0.6 | | NC | 9.4 | 10 | U | 5 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 5 | U | 5 | U | | | 10 | U | 0.1 | J | NC | 9.9 | 10 | U | 5 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 5 | U | 5 | U | | | 10 | U | 0.3 | J | NC | 9.7 | 10 | U | 5 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 5 | U | 5 | U | | | 10 | U | 0.1 | J | NC | 9.9 | 10 | U | 5 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 10 | U | 50 | U | | | 10 | U | 5 | U | | | 10 | U | 50 | U | | |
| 108-88-3 | Toluene | ug/L | 96 | | 95 | | 1.0 | NA | 10 | U | 0.3 | J | NC | 9.7 | 51 | | 53 | | 3.8 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | | NC | 9.5 | 10 | U | 5 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 10 | U | 50 | U | | | 10 | U | 5 | U | | | 20 | | 50 | U | NC | 30 |
| 124-48-1 | Dibromochloromethane | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 5 | UJ | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 5 | U | 5 | U | | | 10 | U | 0.6 | | NC | 9.4 | 10 | U | 5 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 260 | | 250 | | 3.9 | NA | 10 | U | 0.8 | | NC | 9.2 | 300 | | 380 | | 23.5 | NA |
| 100-42-5 | Styrene | ug/L | 31 | | 30 | J | 3.3 | NA | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 75-25-2 | Bromoform | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 23 | | 16 | | 35.9 | NA | 10 | U | 0.2 | J | NC | 9.8 | 76 | | 62 | | 20.3 | NA |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 5 | U | 20 | U | | | 10 | U | 2 | U | | | 10 | U | 20 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 5 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1.3 | J | NC | 8.7 |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | 5 | U | | | | | | | | | | | | | | | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-115B-030106<br>3/1/2006<br>MW-115B | | MW-115B-030106<br>3/1/2006<br>MW-115B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-B-031306<br>3/13/2006<br>MW-B | | MW-B-031306<br>3/13/2006<br>MW-B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-C-031306<br>3/13/2006<br>MW-C | | MW-C-031306<br>3/13/2006<br>MW-C | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 108-95-2 | Phenol | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 10 | | 5 | | 66.7 | NA |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 4 | J | 6 | | NA | 2 | 4 | U | 5 | U | | | 4.2 | | 2 | J | NA | 2.2 |
| 98-86-2 | Acetophenone | ug/L | 3 | J | 5 | UJ | NC | 2 | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 75 | | 100 | | 28.6 | NA | 4 | U | 5 | U | | | 7.8 | | 4 | J | NA | 3.8 |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 78-59-1 | Isophorone | ug/L | 5 | U | 5 | U | | | 4.4 | | 5 | | 12.8 | NA | 4 | U | 5 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 5 | U | 5 | R | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 1200 | | 1600 | | 28.6 | NA | 4 | U | 10 | U | | | 9 | | 4 | J | NA | 5 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | 640 | | 950 | | 39.0 | NA | 4 | U | 3 | J | NC | 1 | 350 | | 260 | | 29.5 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 105-60-2 | Caprolactam | ug/L | 35 | | 15 | U | NC | 20 | 9.1 | | 9 | J | 1.1 | NA | 7 | | 8 | J | 13.3 | NA |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 14 | | 21 | | 40.0 | NA | 4 | U | 1 | J | NC | 3 | 14 | | 5 | | 94.7 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 5 | U | 15 | U | | | 4 | U | 15 | UJ | | | 4 | U | 14 | UJ | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 1 | J | 2 | J | NA | 1 | 4 | U | 5 | U | | | 4.9 | | 3 | J | 48.1 | NA |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 10 | U | 5 | UJ | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 0.6 | J | 5 | U | NC | 4.4 | 4 | U | 5 | U | | | 4 | U | 2 | J | NC | 2 |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 10 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 10 | | 18 | | 57.1 | NA | 5.3 | | 5 | | 5.8 | NA | 35 | | 34 | | 2.9 | NA |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-115B-030106<br>3/1/2006<br>MW-115B | | MW-115B-030106<br>3/1/2006<br>MW-115B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-B-031306<br>3/13/2006<br>MW-B | | MW-B-031306<br>3/13/2006<br>MW-B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-C-031306<br>3/13/2006<br>MW-C | | MW-C-031306<br>3/13/2006<br>MW-C | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 10 | U | 60 | R | | | 19 | U | 59 | U | | | 19 | U | 57 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 10 | U | 30 | R | | | 4 | U | 30 | U | | | 4 | U | 29 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 5 | U | 5 | U | | | 4 | U | 3 | J | NC | 1 | 26 | | 23 | | 12.2 | NA |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 86-73-7 | Fluorene | ug/L | 0.6 | J | 5 | U | NC | 4.4 | 4 | U | 2 | J | NC | 2 | 22 | | 19 | | 14.6 | NA |
| 84-66-2 | Diethylphthalate | ug/L | 0.7 | J | 5 | U | NC | 4.3 | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 10 | U | 5 | UJ | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 10 | U | 15 | R | | | 10 | U | 15 | U | | | 9 | U | 14 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 1912-24-9 | Atrazine | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 10 | U | 15 | U | | | 10 | U | 15 | U | | | 9 | U | 14 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 5 | U | 5 | U | | | 4 | U | 2 | J | NC | 2 | 12 | | 8 | | 40.0 | NA |
| 120-12-7 | Anthracene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 7.3 | | 6 | | 19.5 | NA |
| 86-74-8 | Carbazole | ug/L | 3 | J | 6 | | NA | 3 | 4 | U | 3 | J | NC | 1 | 29 | | 26 | | 10.9 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 13 | | 11 | | 16.7 | NA |
| 129-00-0 | Pyrene | ug/L | 5 | UJ | 5 | U | | | 4 | U | 5 | U | | | 8.1 | | 9 | | 10.5 | NA |
| 85-68-7 | Butylbenzylphthalate | ug/L | 5 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 5 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 1 | J | NC | 3 |
| 218-01-9 | Chrysene | ug/L | 5 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 1 | J | NC | 3 |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | UJ | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | UJ | | | 4 | U | 5 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 5 | UJ | 5 | U | | | 4 | U | 5 | UJ | | | 4 | U | 5 | UJ | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | UJ | | | 4 | U | 5 | UJ | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 5 | U | 5 | U | | | 4 | U | 5 | UJ | | | 4 | U | 5 | UJ | | |

*Table 2b*
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-115B-030106<br>3/1/2006<br>MW-115B | | MW-115B-030106<br>3/1/2006<br>MW-115B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-B-031306<br>3/13/2006<br>MW-B | | MW-B-031306<br>3/13/2006<br>MW-B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-C-031306<br>3/13/2006<br>MW-C | | MW-C-031306<br>3/13/2006<br>MW-C | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 1 | U | 0.48 | U | | | 0.06 | U | 0.5 | U | | | 0.06 | U | 0.48 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 1 | U | 0.48 | U | | | 0.14 | U | 0.5 | U | | | 0.14 | U | 0.48 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 1 | U | 0.48 | U | | | 0.06 | U | 0.5 | U | | | 0.06 | U | 0.48 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 1 | U | 0.48 | U | | | 0.06 | U | 0.5 | U | | | 0.06 | U | 0.48 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 1 | U | 0.48 | U | | | 0.06 | U | 0.5 | U | | | 0.06 | U | 0.48 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 1 | U | 0.48 | U | | | 0.06 | U | 0.5 | U | | | 0.06 | U | 0.48 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 1 | U | 0.48 | U | | | 0.06 | U | 0.5 | U | | | 0.06 | U | 0.48 | U | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 1400 | | | | | | 5900 | | | | | | 240 | | | | | |
| 7440-38-2 | Arsenic | ug/L | 41 | | 66 | | 46.7 | NA | 1400 | | 1320 | | 5.9 | NA | 1200 | | 748 | | 46.4 | NA |
| 7440-39-3 | Barium | ug/L | 200 | U | | | | | 200 | U | | | | | 200 | U | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 420000 | | | | | | 300000 | | | | | | 390000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 10 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 20 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 25 | U | | | | | 430 | | | | | | 25 | U | | | | |
| 7439-89-6 | Iron | ug/L | 2400000 | | | | | | 59000 | | | | | | 7000 | | | | | |
| 7440-09-7 | Potassium | ug/L | 230000 | | | | | | 22000 | | | | | | 320000 | | | | | |
| 7439-95-4 | Magnesium | ug/L | 1100000 | | | | | | 68000 | | | | | | 110000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 83000 | | | | | | 3800 | | | | | | 1500 | | | | | |
| 7440-23-5 | Sodium | ug/L | 4000000 | | | | | | 340000 | | | | | | 530000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 40 | U | | | | | 40 | U | | | | | 40 | U | | | | |
| 7439-92-1 | Lead | ug/L | 20 | U | 19.5 | J | NC | 0.5 | 10 | U | 1.8 | | NC | 8.2 | 10 | U | 2.7 | | NC | 7.3 |
| 7440-36-0 | Antimony | ug/L | 110 | | | | | | 60 | U | | | | | 60 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 85 | | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 490 | | | | | | 860 | | | | | | 60 | U | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 605 | Dup-pairs | 22 | Dup-pairs | 29 | Dup-pairs | 28 |
| Total Failed | 27 | Failed Criteria | 1 | Failed Criteria | 0 | Failed Criteria | 4 |
| % Failed of Total | 4.46% | % Failed | 4.55% | % Failed | 0.00% | % Failed | 14.29% |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-A1-031406<br>3/14/2006<br>MW-A1 | | MW-A-1-031406<br>3/14/2006<br>MW-A-1 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-108-051706<br>5/17/2006<br>MW-108 | | MW-108-051706<br>5/17/2006<br>MW-108 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-122A-051706<br>5/17/2006<br>MW-122A | | MW-122A-051706<br>5/17/2006<br>MW-122A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 74-87-3 | Chloromethane | ug/L | 10 | U | 2.8 | J | NC | 7.2 | 5 | U | 0.2 | J | NC | 4.8 | 5 | U | 50 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 74-83-9 | Bromomethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 75-00-3 | Chloroethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.1 | J | NC | 4.9 | 5 | U | 50 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 67-64-1 | Acetone | ug/L | 10 | U | 100 | UJ | | | 5 | U | 3.9 | J | NC | 1.1 | 5 | U | 500 | U | | |
| 75-15-0 | Carbon Disulfide | ug/L | 10 | U | 6.5 | J | NC | 3.5 | 5 | U | 0.5 | U | | | 5 | U | 13 | J | NC | 8 |
| 79-20-9 | Methyl Acetate | ug/L | 10 | U | 20 | U | | | 5 | U | 1 | U | | | 5 | U | 100 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | UJ | | | 5 | U | 50 | UJ | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 10 | U | 10 | U | | | 5 | U | 0.3 | J | NC | 4.7 | 5 | U | 50 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 10 | U | 100 | U | | | 5 | U | 1.1 | J | NC | 3.9 | 5 | U | 500 | U | | |
| 67-66-3 | Chloroform | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.2 | J | NC | 4.8 | 5 | U | 50 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 71-43-2 | Benzene | ug/L | 96 | | 87 | | 9.8 | NA | 5 | U | 0.5 | U | | | 200 | | 240 | | 18.2 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.4 | J | NC | 4.6 | 5 | U | 50 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 10 | U | 100 | U | | | 5 | U | 5 | U | | | 5 | U | 500 | U | | |
| 108-88-3 | Toluene | ug/L | 10 | U | 7 | J | NC | 3 | 5 | U | 0.5 | U | | | 150 | | 150 | | 0.0 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 10 | U | 100 | U | | | 10 | U | 5 | U | | | 10 | U | 500 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 10 | U | 10 | U | | | 5 | U | 1.3 | | NC | 3.7 | 5 | U | 50 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 180 | | 160 | | 11.8 | NA | 5 | U | 0.5 | U | | | 200 | | 190 | | 5.1 | NA |
| 100-42-5 | Styrene | ug/L | 10 | U | 10 | UJ | | | 5 | U | 0.5 | UJ | | | 5 | U | 50 | UJ | | |
| 75-25-2 | Bromoform | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 39 | | 27 | | 36.4 | NA | 5 | U | 0.1 | J | NC | 4.9 | 63 | | 22 | J | NA | 41 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 10 | U | 40 | U | | | 5 | U | 2 | U | | | 5 | U | 200 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 10 | U | 10 | U | | | 5 | U | 0.5 | U | | | 5.4 | | 50 | U | NC | 44.6 |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | | | | | | | 5 | U | | | | | 5 | | | | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-A1-031406<br>3/14/2006<br>MW-A1 | | MW-A-1-031406<br>3/14/2006<br>MW-A-1 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-108-051706<br>5/17/2006<br>MW-108 | | MW-108-051706<br>5/17/2006<br>MW-108 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-122A-051706<br>5/17/2006<br>MW-122A | | MW-122A-051706<br>5/17/2006<br>MW-122A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 4 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 108-95-2 | Phenol | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 78 | UJ | 4 | J | NC | 74 |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 4 | U | 2 | J | NC | 2 | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 98-86-2 | Acetophenone | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 9 | | NC | 5 |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 78-59-1 | Isophorone | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 25 | | 36 | | 36.1 | NA | 4 | U | 10 | U | | | 4 | U | 23 | | NC | 19 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | 1200 | | 1400 | | 15.4 | NA | 4 | U | 1 | J | NC | 3 | 2800 | | 3700 | | 27.7 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 105-60-2 | Caprolactam | ug/L | 4 | U | 14 | U | | | 12 | | 9 | J | 28.6 | NA | 4 | U | 14 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 53 | | 73 | | 31.7 | NA | 4 | U | 5 | U | | | 470 | | 630 | | 29.1 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 4 | U | 14 | U | | | 4 | U | 15 | U | | | 4 | U | 14 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 13 | | 14 | | 7.4 | NA | 4 | U | 5 | U | | | 59 | | 76 | | 25.2 | NA |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 4 | U | 5 | U | | | 4 | UJ | 5 | U | | | 4 | UJ | 5 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 17 | | 16 | | 6.1 | NA |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 52 | | 62 | | 17.5 | NA | 19 | | 17 | | 11.1 | NA | 190 | | 180 | | 5.4 | NA |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-A1-031406<br>3/14/2006<br>MW-A1 | | MW-A-1-031406<br>3/14/2006<br>MW-A-1 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-108-051706<br>5/17/2006<br>MW-108 | | MW-108-051706<br>5/17/2006<br>MW-108 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-122A-051706<br>5/17/2006<br>MW-122A | | MW-122A-051706<br>5/17/2006<br>MW-122A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 19 | U | 57 | U | | | 19 | U | 59 | U | | | 19 | U | 57 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 4 | UJ | 28 | U | | | 4 | U | 29 | U | | | 78 | UJ | 28 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 11 | | 10 | | 9.5 | NA | 4 | U | 5 | U | | | 61 | | 74 | | 19.3 | NA |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 78 | UJ | 5 | U | | |
| 86-73-7 | Fluorene | ug/L | 13 | | 12 | | 8.0 | NA | 4 | U | 1 | J | NC | 3 | 56 | | 69 | | 20.8 | NA |
| 84-66-2 | Diethylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 9 | U | 14 | U | | | 10 | U | 15 | U | | | 10 | U | 14 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 1912-24-9 | Atrazine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 9 | U | 14 | U | | | 19 | U | 15 | U | | | 19 | U | 14 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 4.1 | | 4 | J | NA | 0.1 | 4 | U | 5 | U | | | 4.3 | | 6 | | 33.0 | NA |
| 120-12-7 | Anthracene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 86-74-8 | Carbazole | ug/L | 37 | | 38 | | 2.7 | NA | 4 | U | 5 | U | | | 140 | | 140 | | 0.0 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 129-00-0 | Pyrene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 85-68-7 | Butylbenzylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 218-01-9 | Chrysene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-A1-031406 3/14/2006 MW-A1 | MW-A-1-031406 3/14/2006 MW-A-1 | RPD <50 | ABS <CRQL | CDM-MW-108-051706 5/17/2006 MW-108 | MW-108-051706 5/17/2006 MW-108 | RPD <50 | ABS <CRQL | CDM-MW-122A-051706 5/17/2006 MW-122A | MW-122A-051706 5/17/2006 MW-122A | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 0.06 U | 0.48 U | | | 0.059 U | 0.49 U | | | 0.095 UL | 0.48 U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 0.14 U | 0.48 U | | | 0.059 U | 0.49 U | | | 0.095 UL | 0.48 U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 0.06 U | 0.48 U | | | 0.059 U | 0.49 U | | | 0.095 UL | 0.48 U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 0.06 U | 0.48 U | | | 0.059 U | 0.49 U | | | 0.095 UL | 0.48 U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 0.06 U | 0.48 U | | | 0.059 U | 0.49 U | | | 0.095 UL | 0.48 U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 0.06 U | 0.48 U | | | 0.059 U | 0.49 U | | | 0.095 UL | 0.48 U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 0.06 U | 0.48 U | | | 0.059 U | 0.49 UJ | | | 0.095 UL | 0.48 UJ | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 10 U | | | | 10 U | | | | 10 U | | | |
| 7429-90-5 | Aluminum | ug/L | 12000 | | | | 580 | | | | 6000 | | | |
| 7440-38-2 | Arsenic | ug/L | 6900 | 7030 | 1.9 | NA | 10 U | 3 U | | | 18000 | 18200 | 1.1 | NA |
| 7440-39-3 | Barium | ug/L | 200 U | | | | 200 U | | | | 200 U | | | |
| 7440-41-7 | Beryllium | ug/L | 5 U | | | | 5 U | | | | 5 U | | | |
| 7440-70-2 | Calcium | ug/L | 160000 | | | | 240000 | | | | 320000 | | | |
| 7440-43-9 | Cadmium | ug/L | 7.7 | | | | 5 U | | | | 5 U | | | |
| 7440-48-4 | Cobalt | ug/L | 110 | | | | 50 U | | | | 50 U | | | |
| 7440-47-3 | Chromium | ug/L | 10 U | | | | 10 U | | | | 10 U | | | |
| 7440-50-8 | Copper | ug/L | 25 U | | | | 25 U | | | | 25 U | | | |
| 7439-89-6 | Iron | ug/L | 290000 | | | | 9500 | | | | 190000 | | | |
| 7440-09-7 | Potassium | ug/L | 58000 | | | | 28000 | | | | 41000 | | | |
| 7439-95-4 | Magnesium | ug/L | 84000 | | | | 57000 | | | | 100000 | | | |
| 7439-96-5 | Manganese | ug/L | 17000 | | | | 490 | | | | 9700 | | | |
| 7440-23-5 | Sodium | ug/L | 170000 | | | | 570000 | | | | 240000 | | | |
| 7440-02-0 | Nickel | ug/L | 130 | | | | 40 U | | | | 40 U | | | |
| 7439-92-1 | Lead | ug/L | 10 U | 0.82 J | NC | 9.18 | 16 | 3.2 | 133.3 | NA | 10 U | 0.35 J | NC | 9.65 |
| 7440-36-0 | Antimony | ug/L | 60 U | | | | 60 U | | | | 60 U | | | |
| 7782-49-2 | Selenium | ug/L | 35 U | | | | 35 U | | | | 35 U | | | |
| 7440-28-0 | Thallium | ug/L | 25 U | | | | 25 U | | | | 25 U | | | |
| 7440-62-2 | Vanadium | ug/L | 50 U | | | | 50 U | | | | 50 U | | | |
| 7440-66-6 | Zinc | ug/L | 870 | | | | 60 U | | | | 410 | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 605 | Dup-pairs | 18 | Dup-pairs | 14 | Dup-pairs | 20 |
| Total Failed | 27 | Failed Criteria | 0 | Failed Criteria | 1 | Failed Criteria | 1 |
| % Failed of Total | 4.46% | % Failed | 0.00% | % Failed | 7.14% | % Failed | 5.00% |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-101A-051806<br>5/18/2006<br>MW-101A | | MW-101A-051806<br>5/18/2006<br>MW-101A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111A-051806<br>5/18/2006<br>MW-111A | | MW-111A-051806<br>5/18/2006<br>MW-111A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111B-051806<br>5/18/2006<br>MW-111B | | MW-111B-051806<br>5/18/2006<br>MW-111B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 74-87-3 | Chloromethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 74-83-9 | Bromomethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 75-00-3 | Chloroethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 67-64-1 | Acetone | ug/L | 5 | U | 5 | U | | | 5 | UJ | 5 | U | | | 5 | UJ | 5 | U | | |
| 75-15-0 | Carbon Disulfide | ug/L | 5 | U | 0.1 | J | NC | 4.9 | 5 | U | 0.2 | J | NC | 4.8 | 5 | U | 0.1 | J | NC | 4.9 |
| 79-20-9 | Methyl Acetate | ug/L | 5 | U | 1 | U | | | 5 | U | 1 | U | | | 5 | U | 1 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 5 | U | 0.5 | UJ | | | 5 | U | 0.5 | UJ | | | 5 | U | 0.5 | UJ | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 5 | U | 0.1 | J | NC | 4.9 | 5 | U | 0.2 | J | NC | 4.8 | 5 | U | 0.2 | J | NC | 4.8 |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 5 | U | 5 | U | | | 5 | UJ | 5 | U | | | 5 | UJ | 5 | U | | |
| 67-66-3 | Chloroform | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 71-43-2 | Benzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 5 | U | 0.2 | J | NC | 4.8 | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 108-88-3 | Toluene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 5 | U | 0.1 | J | NC | 4.9 | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.7 | | NC | 4.3 | 5 | U | 0.5 | U | | |
| 100-42-5 | Styrene | ug/L | 5 | U | 0.5 | UJ | | | 5 | U | 0.5 | UJ | | | 5 | U | 0.5 | UJ | | |
| 75-25-2 | Bromoform | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.1 | J | NC | 4.9 | 5 | U | 0.5 | U | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | | 5 | U | 0.5 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | 5 | U | | | | | | | | | | | 5 | U | | | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
*Quanta Resources Site*

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-101A-051806<br>5/18/2006<br>MW-101A | | MW-101A-051806<br>5/18/2006<br>MW-101A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111A-051806<br>5/18/2006<br>MW-111A | | MW-111A-051806<br>5/18/2006<br>MW-111A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111B-051806<br>5/18/2006<br>MW-111B | | MW-111B-051806<br>5/18/2006<br>MW-111B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 9 | U | 5 | U | | |
| 108-95-2 | Phenol | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 98-86-2 | Acetophenone | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 78-59-1 | Isophorone | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 4 | UJ | 9 | U | | | 4 | U | 10 | U | | | 4 | U | 10 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | 4 | U | 5 | U | | | 18 | | 20 | | 10.5 | NA | 4 | U | 5 | U | | |
| 106-47-8 | 4-Chloroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 105-60-2 | Caprolactam | ug/L | 10 | | 8 | J | 22.2 | NA | 4 | U | 15 | U | | | 4 | U | 15 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 4 | U | 5 | U | | | 4 | U | 1 | J | NC | 3 | 4 | U | 5 | U | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 4 | U | 14 | U | | | 4 | U | 15 | U | | | 4 | U | 15 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 4 | UJ | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 4 | U | 5 | U | | | 4 | U | 2 | J | NC | 2 | 4 | U | 5 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 4 | UJ | 5 | U | | | 4 | UJ | 5 | U | | | 4 | UJ | 5 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 4 | U | 3 | J | NC | 1 | 10 | | 11 | | 9.5 | NA | 4 | U | 5 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-101A-051806<br>5/18/2006<br>MW-101A | | MW-101A-051806<br>5/18/2006<br>MW-101A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111A-051806<br>5/18/2006<br>MW-111A | | MW-111A-051806<br>5/18/2006<br>MW-111A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111B-051806<br>5/18/2006<br>MW-111B | | MW-111B-051806<br>5/18/2006<br>MW-111B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 19 | UJ | 57 | U | | | 20 | U | 58 | U | | | 19 | U | 60 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 4 | UJ | 28 | U | | | 4 | U | 29 | U | | | 4 | U | 30 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 4 | U | 2 | J | NC | 2 | 4 | U | 4 | J | NC | 0 | 4 | U | 5 | U | | |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 86-73-7 | Fluorene | ug/L | 4 | U | 1 | J | NC | 3 | 11 | | 10 | | 9.5 | NA | 4 | U | 5 | U | | |
| 84-66-2 | Diethylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 10 | UJ | 14 | U | | | 10 | U | 15 | U | | | 9 | U | 15 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 1912-24-9 | Atrazine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 19 | UJ | 14 | U | | | 20 | U | 15 | U | | | 19 | U | 15 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 4 | U | 5 | U | | | 19 | | 15 | | 23.5 | NA | 4 | U | 5 | U | | |
| 120-12-7 | Anthracene | ug/L | 4 | U | 5 | U | | | 5.1 | | 4 | J | NA | 1.1 | 4 | U | 5 | U | | |
| 86-74-8 | Carbazole | ug/L | 4 | U | 5 | U | | | 4 | U | 3 | J | NC | 1 | 4 | U | 5 | U | | |
| 84-74-2 | Di-n-butylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 4 | U | 1 | J | NC | 3 | 4.5 | | 4 | J | 11.8 | NA | 4 | U | 5 | U | | |
| 129-00-0 | Pyrene | ug/L | 4 | U | 1 | J | NC | 3 | 4.3 | | 4 | J | 7.2 | NA | 4 | U | 5 | U | | |
| 85-68-7 | Butylbenzylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 218-01-9 | Chrysene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-101A-051806 5/18/2006 MW-101A | | MW-101A-051806 5/18/2006 MW-101A | | RPD <50 | ABS <CRQL | CDM-MW-111A-051806 5/18/2006 MW-111A | | MW-111A-051806 5/18/2006 MW-111A | | RPD <50 | ABS <CRQL | CDM-MW-111B-051806 5/18/2006 MW-111B | | MW-111B-051806 5/18/2006 MW-111B | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 0.059 | UL | 0.53 | U | | | 0.061 | U | 0.52 | U | | | 0.06 | U | 0.5 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 0.059 | UL | 0.53 | U | | | 0.061 | U | 0.52 | U | | | 0.06 | U | 0.5 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 0.059 | UL | 0.53 | U | | | 0.061 | U | 0.52 | U | | | 0.06 | U | 0.5 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 0.059 | UL | 0.53 | U | | | 0.061 | U | 0.52 | U | | | 0.06 | U | 0.5 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 0.059 | UL | 0.53 | U | | | 0.061 | U | 0.52 | U | | | 0.06 | U | 0.5 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 0.059 | UL | 0.53 | U | | | 0.061 | U | 0.52 | U | | | 0.06 | U | 0.5 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 0.059 | UL | 0.53 | UJ | | | 0.061 | U | 0.52 | UJ | | | 0.06 | U | 0.5 | UJ | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 200 | U | | | | | 200 | U | | | | | 200 | U | | | | |
| 7440-38-2 | Arsenic | ug/L | 16 | | 14 | | 13.3 | NA | 38000 | | 36400 | | 4.3 | NA | 49000 | | 45700 | | 7.0 | NA |
| 7440-39-3 | Barium | ug/L | 300 | | | | | | 200 | U | | | | | 200 | U | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 220000 | | | | | | 250000 | | | | | | 280000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7439-89-6 | Iron | ug/L | 35000 | | | | | | 95000 | | | | | | 120000 | | | | | |
| 7440-09-7 | Potassium | ug/L | 13000 | | | | | | 23000 | | | | | | 24000 | | | | | |
| 7439-95-4 | Magnesium | ug/L | 21000 | | | | | | 18000 | | | | | | 20000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 3300 | | | | | | 870 | | | | | | 970 | | | | | |
| 7440-23-5 | Sodium | ug/L | 120000 | | | | | | 210000 | | | | | | 190000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 40 | U | | | | | 40 | U | | | | | 40 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 0.18 | U | | | 10 | U | 1.1 | | NC | 8.9 | 10 | U | 2.6 | | NC | 7.4 |
| 7440-36-0 | Antimony | ug/L | 60 | U | | | | | 60 | U | | | | | 60 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 60 | U | | | | | 60 | U | | | | | 60 | U | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 605 | Dup-pairs | 11 | Dup-pairs | 17 | Dup-pairs | 4 |
| Total Failed | 27 | Failed Criteria | 0 | Failed Criteria | 0 | Failed Criteria | 0 |
| % Failed of Total | 4.46% | % Failed | 0.00% | % Failed | 0.00% | % Failed | 0.00% |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-101DS-051906 5/19/2006 MW-101DS | | MW-101DS-051906 5/19/2006 MW-101DS | | RPD <50 | ABS <CRQL | CDM-MW-103A-051906 5/19/2006 MW-103A | | MW-103A-051906 5/19/2006 MW-103A | | RPD <50 | ABS <CRQL | CDM-MW-103DS-051906 5/19/2006 MW-103DS | | MW-103DS-051906 5/19/2006 MW-103DS | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 74-87-3 | Chloromethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 5 | U | 0.2 | J | NC | 4.8 | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 74-83-9 | Bromomethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 75-00-3 | Chloroethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 5 | U | 3.9 | | NC | 1.1 | 5 | U | 50 | U | | | 5 | U | 2 | | NC | 3 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 67-64-1 | Acetone | ug/L | 5 | UJ | 5 | U | | | 5 | UJ | 500 | U | | | 5 | U | 5 | U | | |
| 75-15-0 | Carbon Disulfide | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 79-20-9 | Methyl Acetate | ug/L | 5 | U | 1 | U | | | 5 | U | 100 | U | | | 5 | U | 1 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 5 | U | 0.5 | UJ | | | 5 | U | 50 | UJ | | | 5 | U | 0.5 | UJ | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 5 | U | 0.4 | J | NC | 4.6 | 5 | U | 50 | U | | | 5 | U | 0.1 | J | NC | 4.9 |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 5 | U | 2 | | NC | 3 | 5 | U | 50 | U | | | 5 | U | 0.2 | J | NC | 4.8 |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 5 | U | 1.7 | | NC | 3.3 | 5 | U | 50 | U | | | 5 | U | 1 | | NC | 4 |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 16 | | 16 | | 0.0 | NA | 5 | U | 50 | U | | | 5 | U | 3 | | NC | 2 |
| 78-93-3 | 2-Butanone | ug/L | 5 | UJ | 5 | U | | | 5 | UJ | 500 | U | | | 5 | U | 5 | U | | |
| 67-66-3 | Chloroform | ug/L | 5 | U | 1 | | NC | 4 | 5 | U | 50 | U | | | 5 | U | 0.7 | | NC | 4.3 |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 5 | U | 2.3 | | NC | 2.7 | 5 | U | 50 | U | | | 5 | U | 0.5 | | NC | 4.5 |
| 110-82-7 | Cyclohexane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 71-43-2 | Benzene | ug/L | 5 | U | 0.2 | J | NC | 4.8 | 130 | | 110 | | 16.7 | NA | 5 | U | 0.5 | U | | |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 5 | U | 0.3 | J | NC | 4.7 | 5 | U | 50 | U | | | 5 | U | 0.2 | J | NC | 4.8 |
| 79-01-6 | Trichloroethene | ug/L | 340 | | 420 | | 21.1 | NA | 5 | U | 50 | U | | | 130 | | 110 | | 16.7 | NA |
| 108-87-2 | Metylcyclohexane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 5 | U | 5 | U | | | 5 | U | 500 | U | | | 5 | U | 5 | U | | |
| 108-88-3 | Toluene | ug/L | 5 | U | 0.5 | U | | | 82 | | 74 | | 10.3 | NA | 5 | U | 0.5 | U | | |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 12 | | 9.6 | | 22.2 | NA | 5 | U | 50 | U | | | 5 | U | 0.8 | | NC | 4.2 |
| 591-78-6 | 2-Hexanone | ug/L | 10 | U | 5 | U | | | 10 | U | 500 | U | | | 10 | U | 5 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 5 | U | 0.6 | | NC | 4.4 | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 5 | U | 0.5 | U | | | 660 | K | 840 | | 24.0 | NA | 5 | U | 0.5 | U | | |
| 100-42-5 | Styrene | ug/L | 5 | U | 0.5 | UJ | | | 5 | U | 50 | UJ | | | 5 | U | 0.5 | UJ | | |
| 75-25-2 | Bromoform | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 5 | U | 0.5 | U | | | 85 | K | 92 | | 7.9 | NA | 5 | U | 0.5 | U | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 50 | U | | | 5 | U | 0.5 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 5 | U | 2 | U | | | 5 | U | 200 | U | | | 5 | U | 2 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 5 | U | 0.5 | U | | | 5 | U | 13 | J | NC | 8 | 5 | U | 0.5 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-101DS-051906<br>5/19/2006<br>MW-101DS | | MW-101DS-051906<br>5/19/2006<br>MW-101DS | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103A-051906<br>5/19/2006<br>MW-103A | | MW-103A-051906<br>5/19/2006<br>MW-103A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103DS-051906<br>5/19/2006<br>MW-103DS | | MW-103DS-051906<br>5/19/2006<br>MW-103DS | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 9 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 108-95-2 | Phenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 4 | U | 5 | U | | | 21 | | 52 | | 84.9 | NA | 4 | U | 5 | U | | |
| 98-86-2 | Acetophenone | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 4 | U | 5 | U | | | 17 | | 15 | | 12.5 | NA | 4 | U | 5 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 78-59-1 | Isophorone | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 4 | U | 10 | U | | | 80 | | 74 | | 7.8 | NA | 4 | U | 10 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | 4 | U | 5 | U | | | 12000 | | 7600 | | 44.9 | NA | 4 | U | 5 | U | | |
| 106-47-8 | 4-Chloroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 105-60-2 | Caprolactam | ug/L | 4 | U | 15 | U | | | 4 | U | 15 | U | | | 4 | U | 15 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 4 | U | 5 | U | | | 770 | | 890 | | 14.5 | NA | 4 | U | 5 | U | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 4 | U | 15 | UJ | | | 4 | U | 15 | UJ | | | 4 | U | 15 | UJ | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 4 | U | 5 | U | | | 120 | | 100 | | 18.2 | NA | 4 | U | 5 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 4 | UJ | 5 | U | | | 4 | UJ | 5 | U | | | 4 | UJ | 5 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 4 | U | 5 | U | | | 6.2 | | 5 | U | NC | 1.2 | 4 | U | 5 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 4 | U | 5 | U | | | 200 | | 190 | | 5.1 | NA | 4 | U | 5 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-101DS-051906<br>5/19/2006<br>MW-101DS | | MW-101DS-051906<br>5/19/2006<br>MW-101DS | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103A-051906<br>5/19/2006<br>MW-103A | | MW-103A-051906<br>5/19/2006<br>MW-103A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103DS-051906<br>5/19/2006<br>MW-103DS | | MW-103DS-051906<br>5/19/2006<br>MW-103DS | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 19 | U | 58 | U | | | 19 | U | 61 | U | | | 19 | U | 61 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 4 | U | 29 | U | | | 4 | U | 30 | U | | | 4 | U | 31 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 4 | U | 5 | U | | | 63 | | 62 | | 1.6 | NA | 4 | U | 5 | U | | |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 4 | U | 5 | U | | | 12 | | 5 | U | NC | 7 | 4 | U | 5 | U | | |
| 86-73-7 | Fluorene | ug/L | 4 | U | 5 | U | | | 74 | | 89 | | 18.4 | NA | 4 | U | 5 | U | | |
| 84-66-2 | Diethylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 9 | U | 15 | U | | | 10 | U | 15 | U | | | 10 | U | 15 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 1912-24-9 | Atrazine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 19 | U | 15 | U | | | 19 | U | 15 | U | | | 19 | U | 15 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 4 | U | 5 | U | | | 60 | | 77 | | 24.8 | NA | 4 | U | 5 | U | | |
| 120-12-7 | Anthracene | ug/L | 4 | U | 5 | U | | | 13 | | 13 | | 0.0 | NA | 4 | U | 5 | U | | |
| 86-74-8 | Carbazole | ug/L | 4 | U | 5 | U | | | 53 | | 61 | | 14.0 | NA | 4 | U | 5 | U | | |
| 84-74-2 | Di-n-butylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 4 | U | 5 | U | | | 5.4 | | 5 | J | 7.7 | NA | 4 | U | 5 | U | | |
| 129-00-0 | Pyrene | ug/L | 4 | U | 5 | U | | | 4 | U | 4 | J | NC | 0 | 4 | U | 5 | U | | |
| 85-68-7 | Butylbenzylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 218-01-9 | Chrysene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 4 | U | 5 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-101DS-051906 5/19/2006 MW-101DS | | MW-101DS-051906 5/19/2006 MW-101DS | | RPD <50 | ABS <CRQL | CDM-MW-103A-051906 5/19/2006 MW-103A | | MW-103A-051906 5/19/2006 MW-103A | | RPD <50 | ABS <CRQL | CDM-MW-103DS-051906 5/19/2006 MW-103DS | | MW-103DS-051906 5/19/2006 MW-103DS | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 0.06 | U | 0.48 | U | | | 0.09 | UL | 2.5 | U | | | 0.058 | U | 0.51 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 0.06 | U | 0.48 | U | | | 0.09 | UL | 2.5 | U | | | 0.058 | U | 0.51 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 0.06 | U | 0.48 | U | | | 0.09 | UL | 2.5 | U | | | 0.058 | U | 0.51 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 0.06 | U | 0.48 | U | | | 0.09 | UL | 2.5 | U | | | 0.058 | U | 0.51 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 0.06 | U | 0.48 | U | | | 0.09 | UL | 2.5 | U | | | 0.058 | U | 0.51 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 0.06 | U | 0.48 | U | | | 0.09 | UL | 2.5 | U | | | 0.058 | U | 0.51 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 0.06 | U | 0.48 | U | | | 0.09 | UL | 2.5 | UJ | | | 0.058 | U | 0.51 | U | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 200 | U | | | | | 200 | U | | | | | 200 | U | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 1.4 | U | | | 10 | U | 8.2 | | NC | 1.8 | 10 | U | 3.1 | U | | |
| 7440-39-3 | Barium | ug/L | 200 | U | | | | | 200 | U | | | | | 200 | U | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 99000 | | | | | | 130000 | | | | | | 75000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7439-89-6 | Iron | ug/L | 100 | U | | | | | 850 | | | | | | 220 | | | | | |
| 7440-09-7 | Potassium | ug/L | 5000 | U | | | | | 5000 | U | | | | | 5000 | U | | | | |
| 7439-95-4 | Magnesium | ug/L | 27000 | | | | | | 11000 | | | | | | 36000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 170 | | | | | | 580 | | | | | | 20 | | | | | |
| 7440-23-5 | Sodium | ug/L | 77000 | | | | | | 11000 | | | | | | 85000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 40 | U | | | | | 40 | U | | | | | 40 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 0.44 | UJ | | | 10 | U | 0.76 | J | NC | 9.24 | 10 | U | 0.56 | UJ | | |
| 7440-36-0 | Antimony | ug/L | 60 | U | | | | | 60 | U | | | | | 60 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 60 | U | | | | | 60 | U | | | | | 63 | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 605 | Dup-pairs | 13 | Dup-pairs | 23 | Dup-pairs | 10 |
| Total Failed | 27 | Failed Criteria | 0 | Failed Criteria | 2 | Failed Criteria | 0 |
| % Failed of Total | 4.46% | % Failed | 0.00% | % Failed | 8.70% | % Failed | 0.00% |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW114A-052006 5/20/2006 MW-114A | | MW-114A-052006 5/20/2006 MW-114A | | RPD <50 | ABS <CRQL | CDM-MW114B-052006 5/20/2006 | | MW-114B-052006 5/20/2006 MW-114B | | RPD <50 | ABS <CRQL | CDM-MW-106-81606 8/16/2006 MW-106 | | MW-106-081506 8/15/2006 MW-106 | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 5 | U | | |
| 74-87-3 | Chloromethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 74-83-9 | Bromomethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 2 | U | | |
| 75-00-3 | Chloroethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 5 | U | | |
| 67-64-1 | Acetone | ug/L | 5 | U | 50 | U | | | 5 | U | 250 | U | | | 6 | U | 10 | U | | |
| 75-15-0 | Carbon Disulfide | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 2 | U | | |
| 79-20-9 | Methyl Acetate | ug/L | 5 | U | 10 | U | | | 5 | U | 50 | U | | | 0.5 | U | 5 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 5 | U | 5 | UJ | | | 5 | U | 25 | UJ | | | 0.5 | U | 2 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 5 | U | 50 | U | | | 5 | U | 250 | U | | | 0.5 | U | 10 | U | | |
| 67-66-3 | Chloroform | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.71 | | 5 | U | NC | 4.29 |
| 56-23-5 | Carbon Tetrachloride | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 71-43-2 | Benzene | ug/L | 130 | | 110 | | 16.7 | NA | 160 | | 150 | | 6.5 | NA | 1.2 | | 1.2 | | 0.0 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.66 | | 5 | U | NC | 4.34 |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 5 | U | 50 | U | | | 5 | U | 250 | U | | | 0.5 | U | 5 | U | | |
| 108-88-3 | Toluene | ug/L | 5 | U | 6.4 | | NC | 1.4 | 39 | | 33 | | 16.7 | NA | 0.74 | | 0.68 | J | NA | 0.06 |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 10 | U | 50 | U | | | 10 | U | 250 | U | | | 1 | U | 5 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 2 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 110 | | 79 | | 32.8 | NA | 210 | | 230 | | 9.1 | NA | 5.2 | | 4.5 | | 14.4 | NA |
| 100-42-5 | Styrene | ug/L | 5 | U | 5 | UJ | | | 22 | | 25 | UJ | | | 0.5 | U | 5 | U | | |
| 75-25-2 | Bromoform | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 4 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 14 | | 7.8 | | 56.9 | NA | 110 | | 46 | | 82.1 | NA | 1.2 | | 2 | U | NC | 0.8 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 1 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 5 | U | 20 | U | | | 5 | U | 100 | U | | | 0.5 | U | 10 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 5 | U | 5 | U | | | 5 | U | 25 | U | | | 0.5 | U | 5 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | | | | | | | | | | | | | 0.5 | U | | | | |

*Table 2b*
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>*Location*<br>Unit \\ | CDM-MW114A-052006<br>5/20/2006<br>MW-114A | | MW-114A-052006<br>5/20/2006<br>MW-114A | | RPD<br><50 | ABS<br><CRQL | CDM-MW114B-052006<br>5/20/2006 | | MW-114B-052006<br>5/20/2006<br>MW-114B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-106-81606<br>8/16/2006<br>MW-106 | | MW-106-081506<br>8/15/2006<br>MW-106 | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 10 | U | 5 | U | | | 9 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 108-95-2 | Phenol | ug/L | 4 | U | 5 | U | | | 4 | UJ | 1 | J | NC | 4 | 5 | U | 5.3 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 6.2 | | 5 | | 21.4 | NA | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 98-86-2 | Acetophenone | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 4 | U | 2 | J | NC | 2 | 4 | U | 17 | | NC | 13 | 5 | U | | | NC | 5 |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 78-59-1 | Isophorone | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 42 | | 38 | | 10.0 | NA | 17 | | 45 | | 16.9 | NA | 5 | U | 5.3 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 91-20-3 | Naphthalene | ug/L | 740 | | 1100 | | 39.1 | NA | 3000 | | 4200 | | 33.3 | NA | 9.2 | | 10.8 | | 16.0 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 105-60-2 | Caprolactam | ug/L | 4.1 | | 15 | U | | | 4 | U | 15 | U | | | 5 | U | 2.1 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 75 | | 93 | | 21.4 | NA | 430 | | 380 | | 12.3 | NA | 7.1 | K | 2.1 | U | NC | 5 |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 4 | U | 15 | UJ | | | 4 | U | 15 | UJ | | | 5 | U | 21 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 5.1 | | 4 | J | NA | 1.1 | 71 | | 84 | | 16.8 | NA | 5 | U | 2.1 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 4 | UJ | 5 | U | | | 4 | UJ | 5 | U | | | 5 | U | 2.1 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 4 | U | 2 | J | NC | 2 | 31 | | 30 | | 3.3 | NA | 5 | U | 0.21 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 27 | | 27 | | 0.0 | NA | 270 | | 230 | | 16.0 | NA | 12 | | 10.9 | | 9.6 | NA |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW114A-052006<br>5/20/2006<br>MW-114A | | MW-114A-052006<br>5/20/2006<br>MW-114A | | RPD<br><50 | ABS<br><CRQL | CDM-MW114B-052006<br>5/20/2006 | | MW-114B-052006<br>5/20/2006<br>MW-114B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-106-81606<br>8/16/2006<br>MW-106 | | MW-106-081506<br>8/15/2006<br>MW-106 | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 19 | U | 58 | U | | | 19 | U | 58 | U | | | 14 | U | 21 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 4 | U | 29 | U | | | 4 | U | 29 | U | | | 5 | U | 21 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 9.6 | | 9 | | 6.5 | NA | 170 | | 130 | | 26.7 | NA | 5 | U | 2.2 | J | NC | 2.8 |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 86-73-7 | Fluorene | ug/L | 16 | | 14 | | 13.3 | NA | 120 | | 99 | | 19.2 | NA | 5 | U | 0.626 | J | NC | 4.374 |
| 84-66-2 | Diethylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 10 | U | 15 | U | | | 9 | U | 15 | U | | | 9 | U | 21 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 0.11 | U | | |
| 1912-24-9 | Atrazine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 19 | U | 15 | U | | | 19 | U | 15 | U | | | 5 | U | 1.1 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 19 | | 18 | | 5.4 | NA | 53 | | 74 | | 33.1 | NA | 5 | U | 2.85 | | NC | 2.15 |
| 120-12-7 | Anthracene | ug/L | 4 | U | 4 | J | NC | 0 | 11 | | 11 | | 0.0 | NA | 5 | U | 1.23 | | NC | 3.77 |
| 86-74-8 | Carbazole | ug/L | 29 | | 30 | | 3.4 | NA | 180 | | 160 | | 11.8 | NA | 5 | U | 0.64 | J | NC | 4.36 |
| 84-74-2 | Di-n-butylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 4 | U | 3 | J | NC | 1 | 5.5 | | 4 | J | NA | 1.5 | 5 | U | 4.77 | | NC | 0.23 |
| 129-00-0 | Pyrene | ug/L | 4 | U | 3 | J | NC | 1 | 4 | U | 4 | J | NC | 0 | 5 | U | 4 | | NC | 1 |
| 85-68-7 | Butylbenzylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 0.8 | | NC | 4.2 |
| 218-01-9 | Chrysene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 0.513 | | NC | 4.487 |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 2.1 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 0.407 | | NC | 4.593 |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 0.21 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 0.351 | | NC | 4.649 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 0.21 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 0.21 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 4 | U | 5 | U | | | 4 | U | 5 | U | | | 5 | U | 0.21 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW114A-052006 5/20/2006 MW-114A | | MW-114A-052006 5/20/2006 MW-114A | | RPD <50 | ABS <CRQL | CDM-MW114B-052006 5/20/2006 | | MW-114B-052006 5/20/2006 MW-114B | | RPD <50 | ABS <CRQL | CDM-MW-106-81606 8/16/2006 MW-106 | | MW-106-081506 8/15/2006 MW-106 | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 0.091 | UL | 0.48 | U | | | 0.089 | UL | 0.51 | U | | | 0.029 | U | 0.53 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 0.091 | UL | 0.48 | U | | | 0.089 | UL | 0.51 | U | | | 0.059 | U | 0.53 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 0.091 | UL | 0.48 | U | | | 0.089 | UL | 0.51 | U | | | 0.029 | U | 0.53 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 0.091 | UL | 0.48 | U | | | 0.089 | UL | 0.51 | U | | | 0.029 | U | 0.53 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 0.091 | UL | 0.48 | U | | | 0.089 | UL | 0.51 | U | | | 0.029 | U | 0.53 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 0.091 | UL | 0.48 | U | | | 0.089 | UL | 0.51 | U | | | 0.029 | U | 0.53 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 0.091 | UL | 0.48 | U | | | 0.089 | UL | 0.51 | U | | | 0.029 | U | 0.53 | U | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 10 | U | | | | | 10 | U | | | | | 5 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 200 | U | | | | | 200 | U | | | | | 100 | U | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 7.2 | | NC | 2.8 | 11000 | | 10400 | | 5.6 | NA | 10 | U | 5.1 | U | | |
| 7440-39-3 | Barium | ug/L | 200 | U | | | | | 200 | U | | | | | 100 | U | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 59000 | | | | | | 250000 | | | | | | 120000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 50 | U | | | | | 50 | U | | | | | 20 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 25 | U | | | | | 25 | U | | | | | 15 | U | | | | |
| 7439-89-6 | Iron | ug/L | 1300 | | | | | | 89000 | | | | | | 200 | | | | | |
| 7440-09-7 | Potassium | ug/L | 6700 | | | | | | 48000 | | | | | | 45000 | | | | | |
| 7439-95-4 | Magnesium | ug/L | 7000 | | | | | | 120000 | | | | | | 110000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 150 | | | | | | 12000 | | | | | | 90 | | | | | |
| 7440-23-5 | Sodium | ug/L | 58000 | | | | | | 360000 | | | | | | 1100000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 40 | U | | | | | 40 | U | | | | | 20 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 0.63 | J | NC | 9.37 | 10 | U | 0.083 | UJ | NC | 9.917 | 10 | U | 3 | U | | |
| 7440-36-0 | Antimony | ug/L | 60 | U | | | | | 60 | U | | | | | 40 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 52 | | | | | | 50 | U | | | | | 20 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 60 | U | | | | | 110 | | | | | | 20 | U | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 605 | Dup-pairs | 21 | Dup-pairs | 21 | Dup-pairs | 21 | | |
| Total Failed | 27 | Failed Criteria | 0 | Failed Criteria | 0 | Failed Criteria | 0 | | |
| % Failed of Total | 4.46% | % Failed | 0.00% | % Failed | 0.00% | % Failed | 0.00% | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-120B-81606<br>8/16/2006<br>MW-120B | | MW-120B-081506<br>8/15/2006<br>MW-120B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-29-81706<br>8/17/2006<br>MW-29 | | MW-29-081606<br>8/16/2006<br>MW-29 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-31-81706<br>8/17/2006<br>MW-31 | | MW-31-081606<br>8/16/2006<br>MW-31 | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 5 | U | | | 10 | U | 5 | U | | |
| 74-87-3 | Chloromethane | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 0.5 | U | 1 | U | | | 1.4 | | 1.9 | | 30.3 | NA | 10 | U | 1 | U | | |
| 74-83-9 | Bromomethane | ug/L | 0.5 | U | 2 | U | | | 0.5 | U | 2 | U | | | 10 | U | 2 | U | | |
| 75-00-3 | Chloroethane | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 5 | U | | | 10 | U | 5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 5 | U | | | 10 | U | 5 | U | | |
| 67-64-1 | Acetone | ug/L | 6 | U | 10 | U | | | 6 | U | 10 | U | | | 120 | U | 10 | U | | |
| 75-15-0 | Carbon Disulfide | ug/L | 0.5 | U | 2 | U | | | 0.5 | U | 2 | U | | | 10 | U | 2 | U | | |
| 79-20-9 | Methyl Acetate | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 5 | U | | | 10 | U | 5 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 1 | U | 2 | U | | | 0.5 | U | 2 | U | | | 20 | U | 2 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 0.44 | J | NC | 0.06 | 10 | U | 1 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 0.55 | J | NC | 0.05 | 10 | U | 1 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 0.5 | U | 1 | U | | | 2.8 | | 3.3 | | 16.4 | NA | 10 | U | 1 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 0.5 | U | 10 | U | | | 0.5 | U | 10 | U | | | 10 | U | 10 | U | | |
| 67-66-3 | Chloroform | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 0.5 | U | 5 | U | | | 9.2 | | 11 | | 17.8 | NA | 10 | U | 4.3 | J | NC | 5.7 |
| 56-23-5 | Carbon Tetrachloride | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 71-43-2 | Benzene | ug/L | 0.5 | U | 1 | U | | | 790 | | 596 | | 28.0 | NA | 88 | | 114 | | 25.7 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 0.5 | U | 1 | U | | | 0.54 | | 0.68 | J | 23.0 | NA | 10 | U | 1 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 0.5 | U | 5 | U | | | 5.9 | | 6.1 | | 3.3 | NA | 10 | U | 1.4 | J | NC | 8.6 |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 5 | U | | | 10 | U | 5 | U | | |
| 108-88-3 | Toluene | ug/L | 0.5 | U | 1 | U | | | 32 | J | 38.8 | | 19.2 | NA | 12 | | 7.3 | | 48.7 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 1 | U | 5 | U | | | 1 | U | 5 | U | | | 20 | U | 5 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 0.5 | U | 2 | U | | | 0.5 | U | 2 | U | | | 10 | U | 2 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 0.5 | | 1 | U | NC | 0.5 | 620 | | 446 | | 32.6 | NA | 97 | | 129 | | 28.3 | NA |
| 100-42-5 | Styrene | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 5 | U | | | 10 | U | 5 | U | | |
| 75-25-2 | Bromoform | ug/L | 0.5 | U | 4 | U | | | 0.5 | U | 4 | U | | | 10 | U | 4 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 0.5 | U | 2 | U | | | 47 | J | 55.4 | | 16.4 | NA | 10 | U | 8.3 | | 18.6 | NA |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 0.5 | U | 1 | U | | | 0.5 | U | 1 | U | | | 10 | U | 1 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 0.5 | U | 10 | U | | | 0.5 | U | 10 | U | | | 10 | U | 10 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 5 | U | | | 10 | U | 5 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | 0.5 | U | | | | | 0.5 | U | | | | | 10 | U | | | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-120B-81606<br>8/16/2006<br>MW-120B | | MW-120B-081506<br>8/15/2006<br>MW-120B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-29-81706<br>8/17/2006<br>MW-29 | | MW-29-081606<br>8/16/2006<br>MW-29 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-31-81706<br>8/17/2006<br>MW-31 | | MW-31-081606<br>8/16/2006<br>MW-31 | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 108-95-2 | Phenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 5 | U | 5 | U | | | 5 | U | 4.2 | J | NC | 0.8 | 5 | U | 5 | U | | |
| 98-86-2 | Acetophenone | ug/L | 5 | U | 5 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 5 | U | | | NC | 5 | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 78-59-1 | Isophorone | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 5 | U | 5 | U | | | 5 | UL | 5 | U | | | 5 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 5 | U | 5 | U | | | 15 | | 18.8 | | 22.5 | NA | 5 | U | 5 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | 7.6 | | 6.31 | | 18.5 | NA | 1300 | | 1690 | | 26.1 | NA | 440 | | 683 | | 43.3 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 105-60-2 | Caprolactam | ug/L | 5 | U | 2 | U | | | 5 | UL | 2 | U | | | 5 | U | 2 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 5 | U | 2 | U | | | 32 | K | 20.8 | | 42.4 | NA | 18 | K | 14.5 | | 21.5 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 5 | U | 20 | U | | | 5 | U | 20 | U | | | 5 | U | 20 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 5 | U | 0.54 | J | NC | 4.46 | 15 | | 2 | U | | | 5 | U | 2 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 5 | U | 5 | U | | | 5 | UL | 5 | U | | | 5 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 5 | U | 0.2 | U | | | 15 | | 10.3 | | 37.2 | NA | 5 | U | 2.09 | | NC | 2.91 |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 5 | U | 2 | U | | | 5 | UL | 2 | U | | | 5 | U | 2 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 5 | U | 5 | U | | | 5 | UL | 5 | U | | | 5 | U | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 5 | U | 4.17 | | NC | 0.83 | 280 | | 203 | | 31.9 | NA | 12 | | 9.46 | | 23.7 | NA |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-120B-81606<br>8/16/2006<br>MW-120B | | MW-120B-081506<br>8/15/2006<br>MW-120B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-29-81706<br>8/17/2006<br>MW-29 | | MW-29-081606<br>8/16/2006<br>MW-29 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-31-81706<br>8/17/2006<br>MW-31 | | MW-31-081606<br>8/16/2006<br>MW-31 | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 14 | U | 20 | U | | | 14 | UL | 20 | UJ | | | 14 | U | 20 | UJ | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 5 | U | 20 | U | | | 5 | U | 20 | U | | | 5 | U | 20 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 5 | U | 1.3 | J | NC | 3.70 | 36 | | 26.2 | | 31.5 | NA | 5 | U | 0.84 | J | NC | 4.16 |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 5 | U | 2 | U | | | 6.9 | L | 2 | U | NC | 4.90 | 5 | U | 2 | U | | |
| 86-73-7 | Fluorene | ug/L | 5 | U | 3.12 | | NC | 1.88 | 30 | | 13.3 | | 77.1 | NA | 5 | U | 1.39 | | NC | 3.61 |
| 84-66-2 | Diethylphthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 9 | U | 20 | U | | | 9 | UL | 20 | U | | | 9 | U | 20 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 5 | U | 0.1 | U | | | 5 | U | 0.1 | U | | | 5 | U | 0.1 | U | | |
| 1912-24-9 | Atrazine | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 5 | U | 1 | U | | | 5 | U | 1 | U | | | 5 | U | 1 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 6.3 | | 5 | | 23.0 | NA | 20 | | 13 | | 42.4 | NA | 5 | U | 0.539 | | NC | 4.46 |
| 120-12-7 | Anthracene | ug/L | 5 | U | 1.32 | | NC | 3.68 | 5 | U | 0.2 | U | | | 5 | U | 0.265 | | NC | 4.74 |
| 86-74-8 | Carbazole | ug/L | 5 | U | 2 | U | | | 25 | | 21.5 | | 15.1 | NA | 5 | U | 3.7 | | NC | 1.30 |
| 84-74-2 | Di-n-butylphthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 5 | U | 1.95 | | NC | 3.05 | 5 | U | 0.62 | | NC | 4.38 | 5 | U | 0.514 | | NC | 4.49 |
| 129-00-0 | Pyrene | ug/L | 5 | U | 1.49 | | NC | 3.51 | 5 | U | 0.476 | | NC | 4.52 | 5 | U | 0.35 | | NC | 4.65 |
| 85-68-7 | Butylbenzylphthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 5 | U | 0.245 | | NC | 4.76 | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 218-01-9 | Chrysene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-120B-81606<br>8/16/2006<br>MW-120B | | MW-120B-081506<br>8/15/2006<br>MW-120B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-29-81706<br>8/17/2006<br>MW-29 | | MW-29-081606<br>8/16/2006<br>MW-29 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-31-81706<br>8/17/2006<br>MW-31 | | MW-31-081606<br>8/16/2006<br>MW-31 | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 0.059 | U | 0.5 | U | | | 0.059 | U | 0.5 | U | | | 0.059 | U | 0.5 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| ***Metals*** | ***Inorganic Analytes*** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 100 | U | | | | | 100 | U | | | | | 100 | U | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 2.3 | U | | | 10 | U | 6 | U | | | 190 | | 172 | | 9.9 | NA |
| 7440-39-3 | Barium | ug/L | 100 | U | | | | | 100 | U | | | | | 100 | U | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 87000 | | | | | | 210000 | | | | | | 160000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 15 | U | | | | | 15 | U | | | | | 15 | U | | | | |
| 7439-89-6 | Iron | ug/L | 460 | | | | | | 56000 | | | | | | 5600 | | | | | |
| 7440-09-7 | Potassium | ug/L | 81000 | | | | | | 14000 | | | | | | 30000 | | | | | |
| 7439-95-4 | Magnesium | ug/L | 200000 | | | | | | 77000 | | | | | | 37000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 21 | | | | | | 2200 | | | | | | 740 | | | | | |
| 7440-23-5 | Sodium | ug/L | 1900000 | | | | | | 350000 | | | | | | 300000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 3 | U | | | 10 | U | 3 | U | | | 10 | U | 3 | U | | |
| 7440-36-0 | Antimony | ug/L | 40 | U | | | | | 40 | U | | | | | 40 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 605 | Dup-pairs | 12 | Dup-pairs | 24 | Dup-pairs | 18 |
| Total Failed | 27 | Failed Criteria | 0 | Failed Criteria | 1 | Failed Criteria | 0 |
| % Failed of Total | 4.46% | % Failed | 0.00% | % Failed | 4.17% | % Failed | 0.00% |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-109-81806<br>8/18/2006<br>MW-109 | | MW-109-081706<br>8/17/2006<br>MW-109 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-36-81806<br>8/18/2006<br>MW-36 | | MW-36-081706<br>8/17/2006<br>MW-36EE | | RPD<br><50 | ABS<br><CRQL | CDM-MW-107DS-81906<br>8/19/2006<br>MW-107DS | | MW-107DS-081806<br>8/18/2006<br>MW-107DS | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 25 | U | 5 | U | | | 25 | U | 25 | U | | | 0.5 | U | 5 | U | | |
| 74-87-3 | Chloromethane | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 74-83-9 | Bromomethane | ug/L | 25 | U | 2 | U | | | 25 | U | 10 | U | | | 0.5 | U | 2 | U | | |
| 75-00-3 | Chloroethane | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 25 | U | 5 | U | | | 25 | U | 25 | U | | | 0.5 | U | 5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 25 | U | 5 | U | | | 25 | U | 25 | U | | | 0.5 | U | 5 | U | | |
| 67-64-1 | Acetone | ug/L | 300 | U | 4.2 | J | NC | 295.8 | 300 | U | 50 | U | | | 6 | U | 10 | U | | |
| 75-15-0 | Carbon Disulfide | ug/L | 25 | U | 2 | U | | | 25 | U | 2.6 | J | NC | 22.4 | 0.5 | U | 2 | U | | |
| 79-20-9 | Methyl Acetate | ug/L | 25 | U | 5 | U | | | 25 | U | 25 | U | | | 5 | U | 5 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 50 | U | 2 | U | | | 50 | U | 10 | U | | | 0.5 | U | 2 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 50 | U | 10 | U | | | 50 | U | 50 | U | | | 5 | U | 7.9 | J | NC | 2.9 |
| 67-66-3 | Chloroform | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 25 | U | 5 | U | | | 25 | U | 25 | U | | | 0.5 | U | 5 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 71-43-2 | Benzene | ug/L | 25 | U | 5.3 | | NC | 19.7 | 1000 | | 941 | | 6.1 | NA | 120 | K | 1 | U | NC | 119 |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 0.44 | J | NC | 0.06 |
| 108-87-2 | Metylcyclohexane | ug/L | 25 | U | 0.32 | J | NC | 24.68 | 25 | U | 25 | U | | | 0.5 | U | 5 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 1 | U | 1 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 1 | U | 1 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 50 | U | 5 | U | | | 50 | U | 25 | U | | | 5 | U | 5 | U | | |
| 108-88-3 | Toluene | ug/L | 25 | U | 0.65 | J | NC | 24.35 | 25 | U | 9.3 | | NC | 15.7 | 5.2 | | 1 | U | NC | 4.2 |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 50 | U | 5 | U | | | 50 | U | 25 | U | | | 5 | U | 5 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 25 | U | 2 | U | | | 25 | U | 10 | U | | | 0.5 | U | 2 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 25 | U | 1.9 | | NC | 23.1 | 25 | U | 5.5 | | NC | 19.5 | 42 | K | 1 | U | NC | 41 |
| 100-42-5 | Styrene | ug/L | 25 | U | 5 | U | | | 25 | U | 25 | U | | | 0.5 | U | 5 | U | | |
| 75-25-2 | Bromoform | ug/L | 25 | U | 4 | U | | | 25 | U | 20 | U | | | 0.5 | U | 4 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 25 | U | 1.8 | J | NC | 23.2 | 25 | U | 10 | U | | | 12 | | 2 | U | NC | 10 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 5 | U | 1 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 25 | U | 1 | U | | | 25 | U | 5 | U | | | 0.5 | U | 1 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 25 | U | 10 | U | | | 25 | U | 50 | U | | | 1 | U | 10 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 25 | U | 5 | U | | | 25 | U | 25 | U | | | 0.5 | U | 5 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | 25 | U | | | | | 25 | U | | | | | 0.5 | U | | | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-109-81806<br>8/18/2006<br>MW-109 | | MW-109-081706<br>8/17/2006<br>MW-109 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-36-81806<br>8/18/2006<br>MW-36 | | MW-36-081706<br>8/17/2006<br>MW-36EE | | RPD<br><50 | ABS<br><CRQL | CDM-MW-107DS-81906<br>8/19/2006<br>MW-107DS | | MW-107DS-081806<br>8/18/2006<br>MW-107DS | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | UJ | | | 5 | U | 5.3 | U | | |
| 108-95-2 | Phenol | ug/L | 5 | U | 5 | U | | | 5 | U | 2.4 | J | NC | 2.6 | 5 | U | 5.3 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 5 | U | 5 | U | | | 5 | U | 4.3 | J | NC | 0.7 | 5 | U | 5.3 | U | | |
| 98-86-2 | Acetophenone | ug/L | 5 | U | 5 | U | | | 5 | U | 2 | U | | | 5 | U | 5.3 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 5 | U | 5 | U | | | 7.8 | K | 5 | U | NC | 2.8 | 5 | U | 5 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 78-59-1 | Isophorone | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 5 | U | 5 | U | | | 5 | U | 17.2 | | NC | 12.2 | 5 | U | 5.3 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 91-20-3 | Naphthalene | ug/L | 75 | | 86.2 | | 13.9 | NA | 110 | L | 209 | | 62.1 | NA | 5 | U | 0.21 | U | | |
| 106-47-8 | 4-Chloroaniline | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 105-60-2 | Caprolactam | ug/L | 5 | U | 4.2 | | NC | 0.8 | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 8.5 | | 7.3 | | 15.2 | NA | 10 | | 10 | U | | | 5 | U | 2.1 | U | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 5 | U | 20 | U | | | 5 | U | 20 | U | | | 5 | U | 21 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 5 | U | 2 | U | | | 5 | U | 2.7 | | NC | 2.3 | 5 | U | 2.1 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 2.7 | | NC | 2.3 | 5 | U | 0.21 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 33 | | 25.9 | | 24.1 | NA | 50 | | 42 | | 17.4 | NA | 5 | U | 0.21 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-109-81806<br>8/18/2006<br>MW-109 | | MW-109-081706<br>8/17/2006<br>MW-109 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-36-81806<br>8/18/2006<br>MW-36 | | MW-36-081706<br>8/17/2006<br>MW-36EE | | RPD<br><50 | ABS<br><CRQL | CDM-MW-107DS-81906<br>8/19/2006<br>MW-107DS | | MW-107DS-081806<br>8/18/2006<br>MW-107DS | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 14 | UJ | 20 | UJ | | | 14 | UJ | 20 | UJ | | | 14 | UJ | 21 | UJ | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 9.3 | | 20 | U | NC | 10.7 | 5 | U | 20 | U | | | 5 | U | 21 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 11 | | 9.2 | | 17.8 | NA | 17 | | 16.7 | | 1.8 | NA | 5 | U | 5.3 | U | | |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 86-73-7 | Fluorene | ug/L | 18 | | 14.2 | | 23.6 | NA | 19 | | 13.3 | | 35.3 | NA | 5 | U | 0.21 | U | | |
| 84-66-2 | Diethylphthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 1.3 | J | NC | 3.7 |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 9 | U | 20 | U | | | 9 | U | 20 | U | | | 9 | U | 21 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 5 | U | 0.1 | U | | | 5 | U | 0.1 | U | | | 5 | U | 0.11 | U | | |
| 1912-24-9 | Atrazine | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 5 | U | 1 | U | | | 5 | U | 1 | U | | | 5 | U | 1.1 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 28 | | 27 | | 3.6 | NA | 22 | | 22.2 | | 0.9 | NA | 5 | U | 0.21 | U | | |
| 120-12-7 | Anthracene | ug/L | 5 | | 5.32 | | 6.2 | NA | 5.3 | | 5.03 | | 5.2 | NA | 5 | U | 0.21 | U | | |
| 86-74-8 | Carbazole | ug/L | 15 | | 15.1 | | 0.7 | NA | 36 | | 37.7 | | 4.6 | NA | 5 | U | 2.1 | U | | |
| 84-74-2 | Di-n-butylphthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 5 | | 5.07 | | 1.4 | NA | 5 | U | 4.55 | | NC | 0.45 | 5 | U | 0.21 | U | | |
| 129-00-0 | Pyrene | ug/L | 5 | U | 2.89 | | NC | 2.11 | 5 | U | 2.72 | | NC | 2.28 | 5 | U | 0.21 | U | | |
| 85-68-7 | Butylbenzylphthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 5 | U | 5 | U | | | 5 | U | 5 | U | | | 5 | U | 5.3 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.298 | | NC | 4.70 | 5 | U | 0.21 | U | | |
| 218-01-9 | Chrysene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.21 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 5 | U | 2 | U | | | 5 | U | 2 | U | | | 5 | U | 2.1 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.21 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.21 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.21 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.21 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.21 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.21 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
*Quanta Resources Site*

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-109-81806 8/18/2006 MW-109 | | MW-109-081706 8/17/2006 MW-109 | | RPD <50 | ABS <CRQL | CDM-MW-36-81806 8/18/2006 MW-36 | | MW-36-081706 8/17/2006 MW-36EE | | RPD <50 | ABS <CRQL | CDM-MW-107DS-81906 8/19/2006 MW-107DS | | MW-107DS-081806 8/18/2006 MW-107DS | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 0.059 | U | 0.5 | U | | | 0.059 | U | 0.5 | U | | | 0.059 | U | 0.5 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.5 | U | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 100 | U | | | | | 100 | U | | | | | 21000 | | | | | |
| 7440-38-2 | Arsenic | ug/L | 37 | | 32.3 | | 13.6 | NA | 3300 | | 3260 | | 1.2 | NA | 10 | U | 12.7 | | 23.8 | NA |
| 7440-39-3 | Barium | ug/L | 1100 | | | | | | 100 | U | | | | | 180 | | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 200000 | | | | | | 370000 | | | | | | 70000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5.1 | | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 20 | | | | | | 34 | | | | | |
| 7440-50-8 | Copper | ug/L | 15 | U | | | | | 15 | U | | | | | 45 | | | | | |
| 7439-89-6 | Iron | ug/L | 280000 | | | | | | 150 | | | | | | 34000 | | | | | |
| 7440-09-7 | Potassium | ug/L | 130000 | | | | | | 38000 | | | | | | 8500 | | | | | |
| 7439-95-4 | Magnesium | ug/L | 270000 | | | | | | 31000 | | | | | | 25000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 5400 | | | | | | 3400 | | | | | | 870 | | | | | |
| 7440-23-5 | Sodium | ug/L | 3200000 | | | | | | 580000 | | | | | | 150000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 20 | U | | | | | 20 | U | | | | | 40 | | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 4.3 | U | | | 10 | U | 3 | U | | | 19 | | 20.2 | | 6.1 | NA |
| 7440-36-0 | Antimony | ug/L | 40 | U | | | | | 78 | | | | | | 40 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 20 | U | | | | | 34 | | | | | | 41 | | | | | |
| 7440-66-6 | Zinc | ug/L | 22 | | | | | | 20 | U | | | | | 96 | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 605 | Dup-pairs | 19 | Dup-pairs | 21 | Dup-pairs | 9 |
| Total Failed | 27 | Failed Criteria | 0 | Failed Criteria | 2 | Failed Criteria | 4 |
| % Failed of Total | 4.46% | % Failed | 0.00% | % Failed | 9.52% | % Failed | 44.44% |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-114A-82106<br>8/21/2006<br>MW-114A | | MW-114A-081906<br>8/19/2006<br>MW-114A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-121A-82106<br>8/21/2006<br>MW-121A | | MW-121A-081906<br>8/19/2006<br>MW-121A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111A-82306<br>8/23/2006<br>MW-111A | | MW-111A-082106<br>8/21/2006<br>MW-111A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 10 | U | 5 | U | | | 0.5 | U | 5 | U | | | 25 | UL | 5 | U | | |
| 74-87-3 | Chloromethane | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 74-83-9 | Bromomethane | ug/L | 10 | U | 2 | U | | | 0.5 | U | 2 | U | | | 25 | UL | 2 | U | | |
| 75-00-3 | Chloroethane | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 10 | U | 5 | U | | | 0.5 | U | 5 | U | | | 25 | UL | 5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 10 | U | 5 | U | | | 0.5 | U | 5 | U | | | 25 | UL | 5 | U | | |
| 67-64-1 | Acetone | ug/L | 120 | U | 10 | U | | | 6 | U | 10 | U | | | 300 | UL | 10 | U | | |
| 75-15-0 | Carbon Disulfide | ug/L | 10 | U | 2 | U | | | 0.5 | U | 2 | U | | | 25 | UL | 2 | U | | |
| 79-20-9 | Methyl Acetate | ug/L | 100 | U | 5 | U | | | 5 | U | 5 | U | | | 25 | UL | 5 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 10 | U | 2 | U | | | 0.5 | U | 2 | U | | | 25 | UL | 2 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 10 | UJ | 1 | U | | | 0.5 | UJ | 1 | U | | | 25 | UL | 1 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 100 | U | 10 | U | | | 1 | U | 10 | U | | | 250 | UL | 10 | U | | |
| 67-66-3 | Chloroform | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 10 | U | 5 | U | | | 0.5 | U | 5 | U | | | 25 | UL | 5 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 71-43-2 | Benzene | ug/L | 120 | | 154 | | 24.8 | NA | 10 | | 12.2 | | 19.8 | NA | 25 | UL | 1 | U | | |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 10 | U | 5 | U | | | 0.5 | U | 5 | U | | | 25 | UL | 5 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 50 | UL | 1 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 100 | U | 5 | U | | | 5 | U | 5 | U | | | 250 | UL | 5 | U | | |
| 108-88-3 | Toluene | ug/L | 10 | U | 5.1 | | NC | 4.9 | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 100 | U | 5 | U | | | 5 | U | 5 | U | | | 250 | UL | 5 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 10 | U | 2 | U | | | 0.5 | U | 2 | U | | | 25 | UL | 2 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 40 | | 52.5 | | 27.0 | NA | 1.6 | | 1.6 | | 0.0 | NA | 31 | L | 1.6 | | 180.4 | NA |
| 100-42-5 | Styrene | ug/L | 10 | U | 5 | U | | | 0.5 | U | 5 | U | | | 25 | UL | 5 | U | | |
| 75-25-2 | Bromoform | ug/L | 10 | U | 4 | U | | | 0.5 | U | 4 | U | | | 25 | UL | 4 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 11 | | 15.6 | | 34.6 | NA | 1.4 | | 1.2 | J | NA | 0.2 | 25 | UL | 2 | U | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 20 | U | 1 | U | | | 1 | U | 1 | U | | | 250 | UL | 1 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 10 | U | 1 | U | | | 0.5 | U | 1 | U | | | 25 | UL | 1 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 20 | U | 10 | U | | | 1 | U | 10 | U | | | 25 | UL | 10 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 10 | U | 5 | U | | | 0.5 | U | 5 | U | | | 25 | UL | 5 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | 10 | U | | | | | 0.5 | U | | | | | 25 | UL | | | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-114A-82106<br>8/21/2006<br>MW-114A | | MW-114A-081906<br>8/19/2006<br>MW-114A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-121A-82106<br>8/21/2006<br>MW-121A | | MW-121A-081906<br>8/19/2006<br>MW-121A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111A-82306<br>8/23/2006<br>MW-111A | | MW-111A-082106<br>8/21/2006<br>MW-111A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | ***Semi-Volatile Organic Compounds*** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 108-95-2 | Phenol | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 98-86-2 | Acetophenone | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 78-59-1 | Isophorone | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 12 | | 3.6 | J | 107.7 | NA | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 91-20-3 | Naphthalene | ug/L | 5 | U | 280 | | NC | 275 | 5 | U | 0.2 | U | | | 5 | U | 3.16 | J | NC | 1.84 |
| 106-47-8 | 4-Chloroaniline | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 105-60-2 | Caprolactam | ug/L | 11 | | 2.1 | U | NC | 8.9 | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 14 | | 32.2 | | 78.8 | NA | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 5 | U | 21 | U | | | 5 | U | 20 | U | | | 5 | U | 22 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 5 | U | 4.1 | | NC | 0.9 | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 5 | U | 1.36 | | NC | 3.64 | 5 | U | 0.294 | J | NA | 4.706 | 5 | U | 0.22 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 36 | | 28.5 | | 23.3 | NA | 15 | | 9.02 | | 49.8 | NA | 23 | | 17 | | 30.0 | NA |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-114A-82106<br>8/21/2006<br>MW-114A | | MW-114A-081906<br>8/19/2006<br>MW-114A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-121A-82106<br>8/21/2006<br>MW-121A | | MW-121A-081906<br>8/19/2006<br>MW-121A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111A-82306<br>8/23/2006<br>MW-111A | | MW-111A-082106<br>8/21/2006<br>MW-111A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 14 | UJ | 21 | U | | | 14 | UJ | 20 | U | | | 14 | UJ | 22 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 5 | U | 21 | U | | | 5 | U | 20 | U | | | 5 | U | 22 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 11 | | 8.5 | | 25.6 | NA | 5 | U | 0.44 | J | NC | 4.56 | 8.6 | | 6.6 | | NC | 2 |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 86-73-7 | Fluorene | ug/L | 18 | | 9.03 | | 66.4 | NA | 5 | U | 0.2 | U | | | 15 | | 8.59 | | NC | 6.41 |
| 84-66-2 | Diethylphthalate | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 9 | U | 21 | U | | | 9 | U | 20 | U | | | 9 | U | 22 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 5 | U | 0.11 | U | | | 5 | U | 0.1 | U | | | 5 | U | 0.11 | U | | |
| 1912-24-9 | Atrazine | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 5 | U | 1.1 | U | | | 5 | U | 1 | U | | | 5 | U | 1.1 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 17 | | 14.9 | | 13.2 | NA | 5 | U | 0.2 | U | | | 5 | U | 1.31 | | NC | 3.69 |
| 120-12-7 | Anthracene | ug/L | 5 | U | 3.96 | | NC | 1.04 | 5 | U | 0.2 | U | | | 8.9 | | 7.56 | | 16.3 | NA |
| 86-74-8 | Carbazole | ug/L | 29 | | 26.3 | | 9.8 | NA | 5 | U | 1.1 | J | NC | 3.90 | 5 | U | 2.5 | | NC | 2.50 |
| 84-74-2 | Di-n-butylphthalate | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 5 | U | 4.42 | | NC | 0.58 | 5 | U | 0.208 | J | NC | 4.79 | 12 | | 8.92 | | 29.4 | NA |
| 129-00-0 | Pyrene | ug/L | 5 | U | 3.57 | | NC | 1.43 | 5 | U | 0.2 | U | | | 12 | | 8.56 | | 33.5 | NA |
| 85-68-7 | Butylbenzylphthalate | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 5 | U | 5.3 | U | | | 5 | U | 5 | U | | | 5 | U | 5.4 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 5 | U | 0.761 | | NC | 4.24 | 5 | U | 0.2 | U | | | 5 | U | 0.646 | | NC | 4.35 |
| 218-01-9 | Chrysene | ug/L | 5 | U | 0.729 | | NC | 4.27 | 5 | U | 0.2 | U | | | 5 | U | 0.549 | | NC | 4.45 |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 5 | U | 2.1 | U | | | 5 | U | 2 | U | | | 5 | U | 2.2 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 5 | U | 0.429 | | NC | 4.57 | 5 | U | 0.2 | U | | | 5 | U | 0.22 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 5 | U | 0.21 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.22 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 5 | U | 0.484 | | NC | 4.52 | 5 | U | 0.2 | U | | | 5 | U | 0.22 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 5 | U | 0.21 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.22 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 5 | U | 0.21 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.22 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 5 | U | 0.21 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.22 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-114A-82106 8/21/2006 MW-114A | | MW-114A-081906 8/19/2006 MW-114A | | RPD <50 | ABS <CRQL | CDM-MW-121A-82106 8/21/2006 MW-121A | | MW-121A-081906 8/19/2006 MW-121A | | RPD <50 | ABS <CRQL | CDM-MW-111A-82306 8/23/2006 MW-111A | | MW-111A-082106 8/21/2006 MW-111A | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.54 | U | | | 0.029 | U | 0.54 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 0.059 | U | 0.5 | U | | | 0.059 | U | 0.54 | U | | | 0.059 | U | 0.54 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.54 | U | | | 0.029 | U | 0.54 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.54 | U | | | 0.029 | U | 0.54 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.54 | U | | | 0.029 | U | 0.54 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.54 | U | | | 0.029 | U | 0.54 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 0.029 | U | 0.5 | U | | | 0.029 | U | 0.54 | U | | | 0.029 | U | 0.54 | U | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 210 | | | | | | 440 | | | | | | 100 | U | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 8.7 | | NC | 1.3 | 10 | U | 9.5 | | NC | 0.5 | 52000 | | 48400 | | 7.2 | NA |
| 7440-39-3 | Barium | ug/L | 100 | U | | | | | 100 | U | | | | | 100 | U | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 53000 | | | | | | 29000 | | | | | | 280000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 15 | U | | | | | 15 | U | | | | | 15 | U | | | | |
| 7439-89-6 | Iron | ug/L | 2900 | | | | | | 470 | | | | | | 110000 | | | | | |
| 7440-09-7 | Potassium | ug/L | 16000 | | | | | | 5000 | | | | | | 35000 | | | | | |
| 7439-95-4 | Magnesium | ug/L | 17000 | | | | | | 4400 | | | | | | 22000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 180 | | | | | | 49 | | | | | | 960 | | | | | |
| 7440-23-5 | Sodium | ug/L | 120000 | | | | | | 12000 | | | | | | 210000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 3 | U | | | 10 | U | 3 | U | | | 10 | U | 3 | U | | |
| 7440-36-0 | Antimony | ug/L | 40 | U | | | | | 40 | U | | | | | 40 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 605 | Dup-pairs | 23 | Dup-pairs | 9 | Dup-pairs | 13 |
| Total Failed | 27 | Failed Criteria | 5 | Failed Criteria | 0 | Failed Criteria | 1 |
| % Failed of Total | 4.46% | % Failed | 21.74% | % Failed | 0.00% | % Failed | 7.69% |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-103A-82306 8/23/2006 MW-103A | | MW-103A-082206 8/22/2006 MW-103A | | RPD <50 | ABS <CRQL | CDM-MW-116DS-82306 8/23/2006 MW-116DS | | MW-116DS-082206 8/22/2006 MW-116DS | | RPD <50 | ABS <CRQL | CDM-MW-101DS-82306 8/23/2006 MW-101DS | | MW-101DS-082106 8/21/2006 MW-101DS | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 0.5 | U | 25 | U | | | 0.5 | U | 5 | U | | | 25 | U | | | | |
| 74-87-3 | Chloromethane | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 75-01-4 | Vinyl Chloride | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 74-83-9 | Bromomethane | ug/L | 0.5 | U | 10 | U | | | 0.5 | U | 2 | U | | | 25 | U | | | | |
| 75-00-3 | Chloroethane | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 0.5 | U | 25 | U | | | 0.5 | U | 5 | U | | | 25 | U | | | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 0.5 | U | 25 | U | | | 0.5 | U | 5 | U | | | 25 | U | | | | |
| 67-64-1 | Acetone | ug/L | 6 | UL | 50 | U | | | 6 | U | 10 | U | | | 300 | U | | | | |
| 75-15-0 | Carbon Disulfide | ug/L | 0.5 | U | 10 | U | | | 0.5 | U | 2 | U | | | 25 | U | | | | |
| 79-20-9 | Methyl Acetate | ug/L | 5 | UL | 25 | U | | | 5 | U | 5 | U | | | 25 | U | | | | |
| 75-09-2 | Methylene Chloride | ug/L | 0.5 | U | 10 | U | | | 0.5 | U | 2 | U | | | 25 | U | | | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 0.5 | U | 5 | U | | | 0.81 | | 0.97 | J | NA | 0.16 | 25 | U | | | | |
| 78-93-3 | 2-Butanone | ug/L | 5 | U | 50 | U | | | 5 | U | 10 | U | | | 250 | U | | | | |
| 67-66-3 | Chloroform | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 110-82-7 | Cyclohexane | ug/L | 0.5 | U | 25 | U | | | 0.5 | U | 5 | U | | | 25 | U | | | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 71-43-2 | Benzene | ug/L | 170 | | 190 | | 11.1 | NA | 0.79 | | 0.9 | J | NA | 0.11 | 25 | U | | | | |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 0.5 | UL | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 79-01-6 | Trichloroethene | ug/L | 0.5 | U | 5 | U | | | 13 | | 14.5 | | 10.9 | NA | 540 | | 392 | | 31.8 | NA |
| 108-87-2 | Metylcyclohexane | ug/L | 0.96 | | 25 | U | NC | 24.04 | 0.5 | U | 5 | U | | | 25 | U | | | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 75-27-4 | Bromodichloromethane | ug/L | 1 | U | 5 | U | | | 0.5 | U | 1 | U | | | 50 | U | | | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 5 | U | 25 | U | | | 5 | U | 5 | U | | | 250 | U | | | | |
| 108-88-3 | Toluene | ug/L | 95 | | 106 | | 10.9 | NA | 0.53 | | 0.61 | J | NA | 0.08 | 25 | U | | | | |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 127-18-4 | Tetrachloroethene | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 591-78-6 | 2-Hexanone | ug/L | 5 | U | 25 | U | | | 5 | U | 5 | U | | | 250 | U | | | | |
| 124-48-1 | Dibromochloromethane | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 0.5 | U | 10 | U | | | 0.5 | U | 2 | U | | | 25 | U | | | | |
| 108-90-7 | Chlorobenzene | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 100-41-4 | Ethylbenzene | ug/L | 920 | | 913 | | 0.8 | NA | 0.81 | | 0.84 | J | NA | 0.03 | 25 | U | | | | |
| 100-42-5 | Styrene | ug/L | 26 | | 25 | U | NC | 1 | 0.5 | U | 5 | U | | | 25 | U | | | | |
| 75-25-2 | Bromoform | ug/L | 0.5 | U | 20 | U | | | 0.5 | U | 4 | U | | | 25 | U | | | | |
| 98-82-8 | Isopropylbenzene | ug/L | 130 | | 141 | | 8.1 | NA | 0.5 | U | 2 | U | | | 25 | U | | | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 5 | U | 5 | U | | | 1 | U | 1 | U | | | 250 | U | | | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 0.5 | U | 5 | U | | | 0.5 | U | 1 | U | | | 25 | U | | | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 0.5 | UL | 50 | U | | | 1 | U | 10 | U | | | 25 | U | | | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 0.5 | UL | 25 | U | | | 0.5 | U | 5 | U | | | 25 | U | | | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | 0.5 | UL | | | | | 0.5 | U | | | | | 25 | U | | | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-103A-82306 8/23/2006 MW-103A | | MW-103A-082206 8/22/2006 MW-103A | | RPD <50 | ABS <CRQL | CDM-MW-116DS-82306 8/23/2006 MW-116DS | | MW-116DS-082206 8/22/2006 MW-116DS | | RPD <50 | ABS <CRQL | CDM-MW-101DS-82306 8/23/2006 MW-101DS | | MW-101DS-082106 8/21/2006 MW-101DS | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 108-95-2 | Phenol | ug/L | 5 | U | 8.3 | | NC | 3.3 | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 5 | U | 206 | J | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 98-86-2 | Acetophenone | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 50 | K | 5 | U | NC | 45 | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 78-59-1 | Isophorone | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 260 | | 215 | J | 18.9 | NA | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | 11000 | | 12100 | | 9.5 | NA | 14 | | 17.4 | | 21.7 | NA | 5 | U | 0.2 | U | | |
| 106-47-8 | 4-Chloroaniline | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 105-60-2 | Caprolactam | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 1200 | | 1270 | | 5.7 | NA | 5 | U | 1.6 | J | NC | 3.4 | 5 | U | 2 | U | | |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 5 | U | 22 | U | | | 5 | U | 20 | U | | | 5 | U | 20 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 100 | | 103 | | 3.0 | NA | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 5 | U | 0.22 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 290 | | 219 | J | 27.9 | NA | 5 | U | 1.31 | | NC | 3.69 | 5 | U | 0.2 | U | | |

Table 2b
Groundwater Split Samples
Group 2 (no pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-103A-82306 8/23/2006 MW-103A | | MW-103A-082206 8/22/2006 MW-103A | | RPD <50 | ABS <CRQL | CDM-MW-116DS-82306 8/23/2006 MW-116DS | | MW-116DS-082206 8/22/2006 MW-116DS | | RPD <50 | ABS <CRQL | CDM-MW-101DS-82306 8/23/2006 MW-101DS | | MW-101DS-082106 8/21/2006 MW-101DS | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 15 | UJ | 22 | UJ | | | 14 | UJ | 20 | UJ | | | 14 | UJ | 20 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 5 | U | 22 | U | | | 5 | U | 20 | U | | | 5 | U | 20 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 70 | | 65.1 | | 7.3 | NA | 5 | U | 1.3 | J | NC | 3.7 | 5 | U | 5 | U | | |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 86-73-7 | Fluorene | ug/L | 90 | | 97.2 | | 7.7 | NA | 5 | U | 0.67 | | NC | 4.33 | 5 | U | 0.2 | U | | |
| 84-66-2 | Diethylphthalate | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 10 | U | 22 | U | | | 10 | U | 20 | U | | | 9 | U | 20 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 5 | U | 0.11 | U | | | 5 | U | 0.1 | U | | | 5 | U | 0.1 | U | | |
| 1912-24-9 | Atrazine | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 5 | U | 1.1 | U | | | 5 | U | 1 | U | | | 5 | U | 1 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 70 | | 85.3 | | 19.7 | NA | 5 | U | 2.28 | | NC | 2.72 | 5 | U | 0.2 | U | | |
| 120-12-7 | Anthracene | ug/L | 14 | | 15.5 | | 10.2 | NA | 5 | U | 0.58 | | NC | 4.42 | 5 | U | 0.2 | U | | |
| 86-74-8 | Carbazole | ug/L | 70 | | 74.7 | | 6.5 | NA | 5 | U | 0.73 | J | NC | 4.27 | 5 | U | 2 | U | | |
| 84-74-2 | Di-n-butylphthalate | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 7.1 | | 6.68 | | 6.1 | NA | 5 | U | 1.62 | | NC | 3.38 | 5 | U | 0.2 | U | | |
| 129-00-0 | Pyrene | ug/L | 5.6 | | 6.13 | | 9.0 | NA | 5 | U | 1.36 | | NC | 3.64 | 5 | U | 0.2 | U | | |
| 85-68-7 | Butylbenzylphthalate | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 5 | U | 5.6 | U | | | 5 | U | 5 | U | | | 5 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 5 | U | 0.483 | | NC | 4.52 | 5 | U | 0.243 | | NC | 4.76 | 5 | U | 0.2 | U | | |
| 218-01-9 | Chrysene | ug/L | 5 | U | 0.349 | J | NC | 4.65 | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 5 | U | 2.2 | U | | | 5 | U | 2 | U | | | 5 | U | 2 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 5 | U | 0.253 | | NC | 4.75 | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 5 | U | 0.22 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 5 | U | 0.22 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 5 | U | 0.22 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 5 | U | 0.22 | U | | | 5 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 5 | U | 0.22 | U | | | 4 | U | 0.2 | U | | | 5 | U | 0.2 | U | | |

Table 2b
Groundwater Split Samples
*Group 2 (no pesticide analysis)*
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-103A-82306 8/23/2006 MW-103A | | MW-103A-082206 8/22/2006 MW-103A | | RPD <50 | ABS <CRQL | CDM-MW-116DS-82306 8/23/2006 MW-116DS | | MW-116DS-082206 8/22/2006 MW-116DS | | RPD <50 | ABS <CRQL | CDM-MW-101DS-82306 8/23/2006 MW-101DS | | MW-101DS-082106 8/21/2006 MW-101DS | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **PCBs** | **Polychlorinated Biphenyls** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 0.029 | U | 0.52 | U | | | 0.029 | U | 0.53 | U | | | 0.029 | U | 0.53 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 0.059 | U | 0.52 | U | | | 0.059 | U | 0.53 | U | | | 0.059 | U | 0.53 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 0.029 | U | 0.52 | U | | | 0.029 | U | 0.53 | U | | | 0.029 | U | 0.53 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 0.029 | U | 0.52 | U | | | 0.029 | U | 0.53 | U | | | 0.029 | U | 0.53 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 0.029 | U | 0.52 | U | | | 0.029 | U | 0.53 | U | | | 0.029 | U | 0.53 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 0.029 | U | 0.52 | U | | | 0.029 | U | 0.53 | U | | | 0.029 | U | 0.53 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 0.029 | U | 0.52 | U | | | 0.029 | U | 0.53 | U | | | 0.029 | U | 0.53 | U | | |
| **Metals** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 100 | U | | | | | 100 | U | | | | | 120 | | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 4.7 | | NC | 100 | 10 | U | 2 | U | | | 10 | U | 2 | U | | |
| 7440-39-3 | Barium | ug/L | 100 | U | | | | | 100 | U | | | | | 100 | U | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 110000 | | | | | | 110000 | | | | | | 94000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 15 | U | | | | | 15 | U | | | | | 15 | U | | | | |
| 7439-89-6 | Iron | ug/L | 500 | | | | | | 400 | | | | | | 170 | | | | | |
| 7440-09-7 | Potassium | ug/L | 6000 | | | | | | 8100 | | | | | | 4000 | | | | | |
| 7439-95-4 | Magnesium | ug/L | 11000 | | | | | | 92000 | | | | | | 28000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 540 | | | | | | 3300 | | | | | | 140 | | | | | |
| 7440-23-5 | Sodium | ug/L | 17000 | | | | | | 160000 | | | | | | 84000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 3 | U | | | 10 | U | 3 | U | | | 10 | U | 3.5 | U | | |
| 7440-36-0 | Antimony | ug/L | 40 | U | | | | | 40 | U | | | | | 40 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 20 | U | | | | | 20 | U | | | | | 20 | U | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 605 | Dup-pairs | 24 | Dup-pairs | 16 | Dup-pairs | 1 | | |
| Total Failed | 27 | Failed Criteria | 0 | Failed Criteria | 0 | Failed Criteria | 0 | | |
| % Failed of Total | 4.46% | % Failed | 0.00% | % Failed | 0.00% | % Failed | 0.00% | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-102-111505<br>11/15/2005<br>MW-102 | | MW-102-111505<br>11/15/2005<br>MW-102 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111A-111605<br>11/16/2005<br>MW-111A | | MW-111A-111605<br>11/16/2005<br>MW-111A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111B-111605<br>11/16/2005<br>MW-111B | | MW-111B-111605<br>11/16/2005<br>MW-111B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 1000 | UJ | 100 | U | | | 10 | UJ | 0.5 | U | | | 10 | UJ | 1 | U | | |
| 74-87-3 | Chloromethane | ug/L | 1000 | U | 21 | J | NC | 979 | 10 | U | 0.5 | U | | | 10 | U | 0.4 | J | NC | 9.6 |
| 75-01-4 | Vinyl Chloride | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 74-83-9 | Bromomethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 75-00-3 | Chloroethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 67-64-1 | Acetone | ug/L | 420 | J | 1000 | UJ | NC | 580 | 10 | U | 5 | UJ | | | 10 | U | 10 | UJ | | |
| 75-15-0 | Carbon Disulfide | ug/L | 1000 | U | 22 | J | NC | 978 | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 79-20-9 | Methyl Acetate | ug/L | 1000 | U | 200 | U | | | 10 | U | 1 | U | | | 10 | U | 2 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.3 | J | NC | 9.7 | 10 | U | 1 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 1000 | U | 1000 | U | | | 10 | U | 5 | U | | | 10 | U | 10 | U | | |
| 67-66-3 | Chloroform | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 71-43-2 | Benzene | ug/L | 8100 | | 11000 | | 30.4 | NA | 10 | U | 0.5 | U | | | 10 | U | 0.3 | J | NC | 9.7 |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 1000 | U | 1000 | U | | | 10 | U | 5 | U | | | 10 | U | 10 | U | | |
| 108-88-3 | Toluene | ug/L | 3800 | | 4400 | | 14.6 | NA | 10 | U | 0.5 | U | | | 10 | U | 0.3 | J | NC | 9.7 |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 1000 | U | 1000 | U | | | 10 | U | 5 | U | | | 10 | U | 10 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 1000 | | 1000 | | 0.0 | NA | 10 | U | 0.5 | U | | | 1 | J | 1.1 | | NA | 0.1 |
| 100-42-5 | Styrene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 75-25-2 | Bromoform | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 1000 | U | 25 | J | NC | 975 | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 1000 | U | 400 | U | | | 10 | U | 2 | U | | | 10 | U | 4 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 1000 | U | 100 | U | | | 10 | U | 0.5 | U | | | 10 | U | 1 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | | | | | | | | | | | | | | | | | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-102-111505 11/15/2005 MW-102 | | MW-102-111505 11/15/2005 MW-102 | | RPD <50 | ABS <CRQL | CDM-MW-111A-111605 11/16/2005 MW-111A | | MW-111A-111605 11/16/2005 MW-111A | | RPD <50 | ABS <CRQL | CDM-MW-111B-111605 11/16/2005 MW-111B | | MW-111B-111605 11/16/2005 MW-111B | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 108-95-2 | Phenol | ug/L | 3900 | | 1800 | | 73.7 | NA | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 3800 | | 2800 | | 30.3 | NA | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 98-86-2 | Acetophenone | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 4100 | | 2800 | | 37.7 | NA | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 78-59-1 | Isophorone | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 6200 | | 4300 | | 36.2 | NA | 10 | U | 9 | U | | | 10 | U | 9 | U | | |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | 16000 | | 11000 | | 37.0 | NA | 10 | U | 5 | U | | | 90 | | 140 | | 43.5 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | 1000 | UJ | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 1000 | UJ | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 105-60-2 | Caprolactam | ug/L | 1000 | U | 14 | U | | | 10 | U | 14 | U | | | 10 | U | 14 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 1100 | | 1100 | | 0.0 | NA | 10 | U | 5 | U | | | 4 | J | 6 | | NA | 2 |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 1000 | U | 14 | U | | | 10 | U | 14 | UJ | | | 10 | U | 14 | UJ | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 2500 | U | 5 | U | | | 25 | U | 5 | U | | | 25 | U | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 1000 | U | 110 | | NC | 890 | 10 | U | 5 | U | | | 2 | J | 5 | | NA | 3 |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 2500 | U | 5 | U | | | 25 | U | 5 | U | | | 25 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 1000 | U | 140 | | NC | 860 | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 2500 | UJ | 5 | U | | | 25 | U | 5 | U | | | 25 | U | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 1000 | U | 180 | | NC | 820 | 10 | U | 1 | J | NC | 9 | 15 | | 24 | | 46.2 | NA |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-102-111505<br>11/15/2005<br>MW-102 | | MW-102-111505<br>11/15/2005<br>MW-102 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111A-111605<br>11/16/2005<br>MW-111A | | MW-111A-111605<br>11/16/2005<br>MW-111A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111B-111605<br>11/16/2005<br>MW-111B | | MW-111B-111605<br>11/16/2005<br>MW-111B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 2500 | UJ | 57 | U | | | 25 | U | 57 | UJ | | | 25 | U | 57 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 2500 | U | 29 | U | | | 25 | U | 28 | U | | | 25 | U | 28 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 1000 | U | 160 | | NC | 840 | 10 | U | 5 | U | | | 6 | J | 10 | | NA | 4 |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 86-73-7 | Fluorene | ug/L | 1000 | U | 140 | | NC | 860 | 10 | U | 5 | U | | | 14 | | 21 | | 40.0 | NA |
| 84-66-2 | Diethylphthalate | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 2500 | U | 5 | U | | | 25 | U | 5 | U | | | 25 | U | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 2500 | U | 14 | U | | | 25 | U | 14 | U | | | 25 | U | 14 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 1912-24-9 | Atrazine | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 2500 | U | 14 | U | | | 25 | U | 14 | U | | | 25 | U | 14 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 230 | J | 210 | | 9.1 | NA | 10 | U | 5 | U | | | 26 | | 36 | | 32.3 | NA |
| 120-12-7 | Anthracene | ug/L | 1000 | U | 46 | | NC | 954 | 10 | U | 5 | U | | | 5 | J | 8 | | NA | 3 |
| 86-74-8 | Carbazole | ug/L | 540 | J | 260 | | 70.0 | NA | 10 | U | 5 | U | | | 7 | J | 6 | | NA | 1 |
| 84-74-2 | Di-n-butylphthalate | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 1000 | U | 61 | | NC | 939 | 10 | U | 5 | U | | | 5 | J | 8 | | NA | 3 |
| 129-00-0 | Pyrene | ug/L | 1000 | U | 54 | | NC | 946 | 10 | U | 5 | U | | | 5 | J | 7 | | NA | 2 |
| 85-68-7 | Butylbenzylphthalate | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 1000 | UJ | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 1000 | U | 18 | | NC | 982 | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 218-01-9 | Chrysene | ug/L | 1000 | U | 15 | | NC | 985 | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 1000 | U | 5 | U | | | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 1000 | U | 17 | | NC | 983 | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 1000 | U | 6 | | NC | 994 | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 1000 | U | 16 | | NC | 984 | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 1000 | U | 7 | | NC | 993 | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 1000 | U | 2 | J | NC | 998 | 10 | U | 5 | U | | | 10 | U | 5 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 1000 | U | 9 | | NC | 991 | 10 | U | 5 | U | | | 10 | U | 5 | U | | |

Table 2a
Groundwater Split Samples
*Group 1 (contains pesticide analysis)*
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-102-111505<br>11/15/2005<br>MW-102 | | MW-102-111505<br>11/15/2005<br>MW-102 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111A-111605<br>11/16/2005<br>MW-111A | | MW-111A-111605<br>11/16/2005<br>MW-111A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111B-111605<br>11/16/2005<br>MW-111B | | MW-111B-111605<br>11/16/2005<br>MW-111B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pests / PCBs** | **Pesticides** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.47 | UJ | | | 1 | U | 0.47 | UJ | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 2 | U | 0.47 | U | | | 2 | U | 0.47 | UJ | | | 2 | U | 0.47 | UJ | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.47 | UJ | | | 1 | U | 0.47 | UJ | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.47 | UJ | | | 1 | U | 0.47 | UJ | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.47 | UJ | | | 1 | U | 0.47 | UJ | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.47 | UJ | | | 1 | U | 0.47 | UJ | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.47 | UJ | | | 1 | U | 0.47 | UJ | | |
| 319-84-6 | alpha-BHC | ug/L | 0.05 | U | **No Pests** | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.0095 | UJ | | |
| 58-89-9 | gamma-BHC (Lindane) | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.0095 | UJ | | |
| 319-85-7 | beta-BHC | ug/L | 0.05 | U | | | | | 0.05 | U | 0.038 | UJ | | | 0.05 | U | 0.038 | UJ | | |
| 319-86-8 | delta-BHC | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.0073 | J | NC | 0.04 |
| 76-44-8 | Heptachlor | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.0095 | UJ | | |
| 309-00-2 | Aldrin | ug/L | 0.05 | U | | | | | 0.05 | U | 0.019 | UJ | | | 0.05 | U | 0.019 | UJ | | |
| 1024-57-3 | Heptachlor epoxide | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.0095 | UJ | | |
| 5103-74-2 | gamma-Chlordane | ug/L | 0.05 | U | | | | | 0.05 | U | 0.095 | UJ | | | 0.05 | U | 0.095 | UJ | | |
| 5103-71-9 | alpha-Chlordane | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.0095 | UJ | | |
| 959-98-8 | Endosulfan I | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0037 | J | NC | 0.05 | 0.05 | U | 0.0095 | UJ | | |
| 72-55-9 | 4,4'-DDE | ug/L | 0.053 | J | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.019 | UJ | | |
| 60-57-1 | Dieldrin | ug/L | 0.1 | U | | | | | 0.1 | U | 0.028 | UJ | | | 0.1 | U | 0.028 | UJ | | |
| 72-20-8 | Endrin | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.019 | UJ | | |
| 72-54-8 | 4,4'-DDD | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.019 | UJ | | |
| 33213-65-9 | Endosulfan II | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.019 | UJ | | |
| 50-29-3 | 4,4'-DDT | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.019 | UJ | | |
| 7421-93-4 | Endrin aldehyde | ug/L | 0.1 | U | | | | | 0.1 | U | 0.095 | UJ | | | 0.1 | U | 0.095 | UJ | | |
| 72-43-5 | Methoxychlor | ug/L | 0.5 | U | | | | | 0.5 | U | 0.095 | UJ | | | 0.5 | U | 0.095 | UJ | | |
| 1031-07-8 | Endosulfan sulfate | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.019 | UJ | | |
| 53494-70-5 | Endrin ketone | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.019 | UJ | | |
| 8001-35-2 | Toxaphene | ug/L | 5 | U | | | | | 5 | U | 0.95 | UJ | | | 5 | U | 0.95 | UJ | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-102-111505<br>11/15/2005<br>MW-102 | | MW-102-111505<br>11/15/2005<br>MW-102 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111A-111605<br>11/16/2005<br>MW-111A | | MW-111A-111605<br>11/16/2005<br>MW-111A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-111B-111605<br>11/16/2005<br>MW-111B | | MW-111B-111605<br>11/16/2005<br>MW-111B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **5-METALS-W** | **Inorganic Analytes** | | | | | | | | **No Metals** | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | .10 | U | | | | | | | | | | | 10 | UJ | | | | |
| 7429-90-5 | Aluminum | ug/L | 320 | | | | | | | | | | | | 200 | UJ | | | | |
| 7440-38-2 | Arsenic | ug/L | 35.8 | | 30.1 | | 17.3 | NA | | | 62100 | | | | 39300 | J | 38600 | | 1.8 | NA |
| 7440-39-3 | Barium | ug/L | 89.3 | J | | | | | | | | | | | 56.3 | J | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | | | | | | | 0.05 | J | | | | |
| 7440-70-2 | Calcium | ug/L | 167001 | | | | | | | | | | | | 354999 | J | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | | | | | | | 0.41 | J | | | | |
| 7440-48-4 | Cobalt | ug/L | 50 | U | | | | | | | | | | | 3.3 | J | | | | |
| 7440-47-3 | Chromium | ug/L | 5.8 | J | | | | | | | | | | | 10 | UJ | | | | |
| 7440-50-8 | Copper | ug/L | 2 | J | | | | | | | | | | | 2.2 | J | | | | |
| 7439-89-6 | Iron | ug/L | 798 | | | | | | | | | | | | 135999 | J | | | | |
| 7440-09-7 | Potassium | ug/L | 38500 | J | | | | | | | | | | | 34100 | J | | | | |
| 7439-95-4 | Magnesium | ug/L | 45100 | | | | | | | | | | | | 21100 | J | | | | |
| 7439-96-5 | Manganese | ug/L | 78.6 | | | | | | | | | | | | 1240 | J | | | | |
| 7440-23-5 | Sodium | ug/L | 251001 | | | | | | | | | | | | 213000 | J | | | | |
| 7440-02-0 | Nickel | ug/L | 40 | U | | | | | | | | | | | 40 | UJ | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 0.18 | J | NC | 9.82 | | | 5.9 | | | | 10 | R | 1.2 | | | |
| 7440-36-0 | Antimony | ug/L | 60 | U | | | | | | | | | | | 60 | UJ | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | | | | | | | 35 | UJ | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | | | | | | | 25 | UJ | | | | |
| 7440-62-2 | Vanadium | ug/L | 4.5 | J | | | | | | | | | | | 3.5 | J | | | | |
| 7440-66-6 | Zinc | ug/L | 5.3 | J | | | | | | | | | | | 6 | J | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 341 | Dup-pairs | 33 | Dup-pairs | 3 | Dup-pairs | 17 |
| Total Failed | 14 | Failed Criteria | 2 | Failed Criteria | 0 | Failed Criteria | 0 |
| % Failed of Total | 4.11% | % Failed | 6.06% | % Failed | 0.00% | % Failed | 0.00% |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-101A-111705 11/17/2005 MW-101A | | MW-101A-111705 11/17/2005 MW-101A | | RPD <50 | ABS <CRQL | CDM-MW-101DS-111705 11/17/2005 MW-101DS | | MW-101DS-111705 11/17/2005 MW-101DS | | RPD <50 | ABS <CRQL | CDM-MW-103A 11/17/2005 MW-103A | | MW-103A-111705 11/17/2005 MW-103A | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***VOCs*** | ***Volatile Organic Compounds*** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 10 | UJ | 0.5 | U | | | 50 | UJ | 5 | U | | | 100 | UJ | 10 | U | | |
| 74-87-3 | Chloromethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 74-83-9 | Bromomethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 75-00-3 | Chloroethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 3.5 | J | NC | 46.5 | 100 | U | 10 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 67-64-1 | Acetone | ug/L | 10 | U | 5 | UJ | | | 50 | U | 50 | UJ | | | 100 | U | 100 | UJ | | |
| 75-15-0 | Carbon Disulfide | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 79-20-9 | Methyl Acetate | ug/L | 10 | U | 1 | U | | | 50 | U | 10 | U | | | 100 | U | 20 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 10 | U | 0.2 | J | NC | 9.8 | 50 | U | 1.8 | J | NC | 48.2 | 100 | U | 10 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 1.6 | J | NC | 48.4 | 100 | U | 10 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 10 | U | 0.1 | J | NC | 9.9 | 13 | J | 11 | | 16.7 | NA | 100 | U | 10 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 10 | U | 5 | U | | | 50 | U | 50 | U | | | 100 | U | 100 | U | | |
| 67-66-3 | Chloroform | ug/L | 10 | U | 0.5 | U | | | 50 | U | 1 | J | NC | 49 | 100 | U | 10 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 2.1 | J | NC | 47.9 | 100 | U | 10 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 71-43-2 | Benzene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 150 | | 160 | | 6.5 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 10 | U | 0.1 | J | NC | 9.9 | 420 | | 380 | | 10.0 | NA | 100 | U | 10 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 10 | U | 5 | U | | | 50 | U | 50 | U | | | 100 | U | 100 | U | | |
| 108-88-3 | Toluene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | | 110 | | 9.5 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 10 | U | 0.5 | U | | | 10 | J | 7.5 | | 28.6 | NA | 100 | U | 10 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 10 | U | 5 | U | | | 50 | U | 50 | U | | | 100 | U | 100 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 1100 | | 930 | | 16.7 | NA |
| 100-42-5 | Styrene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | UJ | | | 100 | U | 10 | UJ | | |
| 75-25-2 | Bromoform | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 120 | | 120 | | 0.0 | NA |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 10 | U | 2 | U | | | 50 | U | 20 | U | | | 100 | U | 40 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 10 | U | 0.5 | U | | | 50 | U | 5 | U | | | 100 | U | 10 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | | | | | | | | | | | | | | | | | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-101A-111705<br>11/17/2005<br>MW-101A | | MW-101A-111705<br>11/17/2005<br>MW-101A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-101DS-111705<br>11/17/2005<br>MW-101DS | | MW-101DS-111705<br>11/17/2005<br>MW-101DS | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103A<br>11/17/2005<br>MW-103A | | MW-103A-111705<br>11/17/2005<br>MW-103A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 108-95-2 | Phenol | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 110 | | 97 | | 12.6 | NA |
| 98-86-2 | Acetophenone | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 12 | | NC | 77 |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 78-59-1 | Isophorone | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 10 | U | 9 | U | | | 10 | U | 9 | U | | | 98 | | 120 | | 20.2 | NA |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | 10 | U | 5 | U | | | 10 | U | 2 | J | NC | 8 | 15000 | | 12000 | | 22.2 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 105-60-2 | Caprolactam | ug/L | 10 | U | 14 | U | | | 10 | U | 14 | U | | | 89 | U | 14 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 1400 | J | 1200 | | 15.4 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 10 | U | 14 | U | | | 10 | U | 14 | U | | | 89 | U | 14 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 25 | U | 5 | U | | | 25 | U | 5 | U | | | 220 | U | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 110 | | 110 | | 0.0 | NA |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 25 | U | 5 | U | | | 25 | U | 5 | U | | | 220 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 6 | | NC | 83 |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 25 | U | 5 | U | | | 25 | U | 5 | U | | | 220 | U | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 190 | | 180 | | 5.4 | NA |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
*Quanta Resources Site*

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-101A-111705<br>11/17/2005<br>MW-101A | | MW-101A-111705<br>11/17/2005<br>MW-101A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-101DS-111705<br>11/17/2005<br>MW-101DS | | MW-101DS-111705<br>11/17/2005<br>MW-101DS | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103A<br>11/17/2005<br>MW-103A | | MW-103A-111705<br>11/17/2005<br>MW-103A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 25 | U | 57 | U | | | 25 | U | 57 | U | | | 220 | U | 57 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 25 | U | 28 | U | | | 25 | U | 28 | U | | | 220 | UJ | 29 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 65 | J | 65 | | 0.0 | NA |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 86-73-7 | Fluorene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 88 | J | 92 | | 4.4 | NA |
| 84-66-2 | Diethylphthalate | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 25 | U | 5 | U | | | 25 | U | 5 | U | | | 220 | U | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 25 | U | 14 | U | | | 25 | U | 14 | U | | | 220 | U | 14 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 1912-24-9 | Atrazine | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 25 | U | 14 | U | | | 25 | U | 14 | U | | | 220 | U | 14 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 71 | J | 83 | | 15.6 | NA |
| 120-12-7 | Anthracene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 15 | | NC | 74 |
| 86-74-8 | Carbazole | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 130 | | 74 | | 54.9 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 10 | U | 1 | J | NC | 9 | 10 | U | 5 | U | | | 89 | U | 6 | | NC | 83 |
| 129-00-0 | Pyrene | ug/L | 10 | U | 1 | J | NC | 9 | 10 | U | 5 | U | | | 89 | U | 5 | J | NC | 84 |
| 85-68-7 | Butylbenzylphthalate | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 218-01-9 | Chrysene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 10 | U | 5 | U | | | 10 | U | 5 | U | | | 89 | U | 5 | U | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-101A-111705<br>11/17/2005<br>MW-101A | | MW-101A-111705<br>11/17/2005<br>MW-101A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-101DS-111705<br>11/17/2005<br>MW-101DS | | MW-101DS-111705<br>11/17/2005<br>MW-101DS | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103A<br>11/17/2005<br>MW-103A | | MW-103A-111705<br>11/17/2005<br>MW-103A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pests / PCBs** | **Pesticides** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 1 | U | 0.47 | UJ | | | 1 | U | 0.48 | U | | | 1 | U | 2.4 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 2 | U | 0.47 | UJ | | | 2 | U | 0.48 | U | | | 2 | U | 2.4 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 1 | U | 0.47 | UJ | | | 1 | U | 0.48 | U | | | 1 | U | 2.4 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 1 | U | 0.47 | UJ | | | 1 | U | 0.48 | U | | | 1 | U | 2.4 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 1 | U | 0.47 | UJ | | | 1 | U | 0.48 | U | | | 1 | U | 2.4 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 1 | U | 0.47 | UJ | | | 1 | U | 0.48 | U | | | 1 | U | 2.4 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 1 | U | 0.47 | UJ | | | 1 | U | 0.48 | U | | | 1 | U | 2.4 | U | | |
| 319-84-6 | alpha-BHC | ug/L | 0.05 | U | 0.0094 | UJ | | | 0.05 | U | **No Pesticides** | | | | 0.05 | U | 0.047 | U | | |
| 58-89-9 | gamma-BHC (Lindane) | ug/L | 0.05 | U | 0.0094 | UJ | | | 0.05 | U | | | | | 0.05 | U | 0.047 | U | | |
| 319-85-7 | beta-BHC | ug/L | 0.011 | J | 0.038 | UJ | NC | 0.027 | 0.05 | U | | | | | 0.05 | U | 0.19 | U | | |
| 319-86-8 | delta-BHC | ug/L | 0.05 | U | 0.0094 | UJ | | | 0.05 | U | | | | | 0.21 | | 0.047 | U | NC | 0.16 |
| 76-44-8 | Heptachlor | ug/L | 0.05 | U | 0.0094 | UJ | | | 0.05 | U | | | | | 0.05 | U | 0.047 | U | | |
| 309-00-2 | Aldrin | ug/L | 0.05 | U | 0.019 | UJ | | | 0.05 | U | | | | | 0.05 | U | 0.095 | U | | |
| 1024-57-3 | Heptachlor epoxide | ug/L | 0.05 | U | 0.0094 | UJ | | | 0.05 | U | | | | | 0.05 | U | 0.047 | U | | |
| 5103-74-2 | gamma-Chlordane | ug/L | 0.05 | U | 0.094 | UJ | | | 0.05 | U | | | | | 0.05 | U | 0.47 | U | | |
| 5103-71-9 | alpha-Chlordane | ug/L | 0.05 | U | 0.0094 | UJ | | | 0.05 | U | | | | | 0.05 | U | 0.047 | U | | |
| 959-98-8 | Endosulfan I | ug/L | 0.05 | U | 0.0094 | UJ | | | 0.05 | U | | | | | 0.05 | U | 0.047 | U | | |
| 72-55-9 | 4,4'-DDE | ug/L | 0.1 | U | 0.019 | UJ | | | 0.1 | U | | | | | 0.1 | U | 0.095 | U | | |
| 60-57-1 | Dieldrin | ug/L | 0.1 | U | 0.028 | UJ | | | 0.1 | U | | | | | 0.1 | U | 0.14 | U | | |
| 72-20-8 | Endrin | ug/L | 0.1 | U | 0.019 | UJ | | | 0.1 | U | | | | | 0.38 | J | 0.025 | J | NA | 0.36 |
| 72-54-8 | 4,4'-DDD | ug/L | 0.1 | U | 0.019 | UJ | | | 0.1 | U | | | | | 0.1 | U | 0.095 | U | | |
| 33213-65-9 | Endosulfan II | ug/L | 0.1 | U | 0.019 | UJ | | | 0.1 | U | | | | | 0.1 | U | 0.095 | U | | |
| 50-29-3 | 4,4'-DDT | ug/L | 0.1 | U | 0.019 | UJ | | | 0.1 | U | | | | | 0.1 | U | 0.095 | U | | |
| 7421-93-4 | Endrin aldehyde | ug/L | 0.1 | U | 0.094 | UJ | | | 0.1 | U | | | | | 0.1 | U | 0.47 | U | | |
| 72-43-5 | Methoxychlor | ug/L | 0.5 | U | 0.094 | UJ | | | 0.5 | U | | | | | 0.5 | U | 0.47 | U | | |
| 1031-07-8 | Endosulfan sulfate | ug/L | 0.1 | U | 0.019 | UJ | | | 0.1 | U | | | | | 0.1 | U | 0.095 | U | | |
| 53494-70-5 | Endrin ketone | ug/L | 0.1 | U | 0.019 | UJ | | | 0.1 | U | | | | | 0.094 | J | 0.095 | U | NC | 0.00 |
| 8001-35-2 | Toxaphene | ug/L | 5 | U | 0.94 | UJ | | | 5 | U | | | | | 5 | U | 4.7 | U | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
*Quanta Resources Site*

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-101A-111705 11/17/2005 MW-101A | MW-101A-111705 11/17/2005 MW-101A | RPD <50 | ABS <CRQL | CDM-MW-101DS-111705 11/17/2005 MW-101DS | MW-101DS-111705 11/17/2005 MW-101DS | RPD <50 | ABS <CRQL | CDM-MW-103A 11/17/2005 MW-103A | MW-103A-111705 11/17/2005 MW-103A | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **5-METALS-W** | **Inorganic Analytes** | | **No Metals** | | | | **No Metals** | | | | **No Metals** | | | |
| 7440-22-4 | Silver | ug/L | | | | | | | | | | | | |
| 7429-90-5 | Aluminum | ug/L | | | | | | | | | | | | |
| 7440-38-2 | Arsenic | ug/L | | 21.3 | | | | 0.87 J | | | | 6.1 | | |
| 7440-39-3 | Barium | ug/L | | | | | | | | | | | | |
| 7440-41-7 | Beryllium | ug/L | | | | | | | | | | | | |
| 7440-70-2 | Calcium | ug/L | | | | | | | | | | | | |
| 7440-43-9 | Cadmium | ug/L | | | | | | | | | | | | |
| 7440-48-4 | Cobalt | ug/L | | | | | | | | | | | | |
| 7440-47-3 | Chromium | ug/L | | | | | | | | | | | | |
| 7440-50-8 | Copper | ug/L | | | | | | | | | | | | |
| 7439-89-6 | Iron | ug/L | | | | | | | | | | | | |
| 7440-09-7 | Potassium | ug/L | | | | | | | | | | | | |
| 7439-95-4 | Magnesium | ug/L | | | | | | | | | | | | |
| 7439-96-5 | Manganese | ug/L | | | | | | | | | | | | |
| 7440-23-5 | Sodium | ug/L | | | | | | | | | | | | |
| 7440-02-0 | Nickel | ug/L | | | | | | | | | | | | |
| 7439-92-1 | Lead | ug/L | | 0.18 U | | | | 0.26 J | | | | 0.85 J | | |
| 7440-36-0 | Antimony | ug/L | | | | | | | | | | | | |
| 7782-49-2 | Selenium | ug/L | | | | | | | | | | | | |
| 7440-28-0 | Thallium | ug/L | | | | | | | | | | | | |
| 7440-62-2 | Vanadium | ug/L | | | | | | | | | | | | |
| 7440-66-6 | Zinc | ug/L | | | | | | | | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 341 | Dup-pairs | 6 | Dup-pairs | 9 | Dup-pairs | 22 |
| Total Failed | 14 | Failed Criteria | 0 | Failed Criteria | 0 | Failed Criteria | 3 |
| % Failed of Total | 4.11% | % Failed | 0.00% | % Failed | 0.00% | % Failed | 13.64% |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-103DS-111705<br>11/17/2005<br>MW-103DS | | MW-103DS-111705<br>11/17/2005<br>MW-103DS | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103-111805<br>11/18/2005<br>MW-103 | | MW-103-111805<br>11/18/2005<br>MW-103 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-112B-111805<br>11/18/2005<br>MW-112B | | MW-112B-111805<br>11/18/2005<br>MW-112B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 10 | UJ | 1 | U | | | 170 | UJ | 25 | U | | | 250 | UJ | 50 | U | | |
| 74-87-3 | Chloromethane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 74-83-9 | Bromomethane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 75-00-3 | Chloroethane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 2 | J | 1.6 | | 22.2 | NA | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 67-64-1 | Acetone | ug/L | 10 | U | 10 | UJ | | | 66 | J | 250 | UJ | NC | 145 | 250 | U | 500 | UJ | | |
| 75-15-0 | Carbon Disulfide | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 79-20-9 | Methyl Acetate | ug/L | 10 | U | 2 | U | | | 170 | U | 50 | U | | | 250 | U | 100 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 10 | U | 0.9 | J | NC | 9.1 | 170 | U | 5.1 | J | NC | 145 | 250 | U | 50 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 3 | J | 2.4 | | 22.2 | NA | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 10 | U | 10 | U | | | 170 | U | 250 | U | | | 250 | U | 500 | U | | |
| 67-66-3 | Chloroform | ug/L | 10 | U | 0.7 | J | NC | 9.3 | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 10 | U | 0.5 | J | NC | 9.5 | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 71-43-2 | Benzene | ug/L | 10 | U | 1 | U | | | 880 | | 860 | | 2.3 | NA | 3000 | | 3000 | | 0.0 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 10 | U | 0.2 | J | NC | 9.8 | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 110 | | 100 | | 9.5 | NA | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 10 | U | 10 | U | | | 170 | U | 250 | U | | | 250 | U | 500 | U | | |
| 108-88-3 | Toluene | ug/L | 10 | U | 1 | U | | | 1900 | | 1700 | | 11.1 | NA | 900 | | 900 | | 0.0 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 10 | U | 0.7 | J | NC | 9.3 | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 10 | U | 10 | U | | | 170 | U | 250 | U | | | 250 | U | 500 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 10 | U | 1 | U | | | 1300 | | 1100 | | 16.7 | NA | 1200 | | 1200 | | 0.0 | NA |
| 100-42-5 | Styrene | ug/L | 10 | U | 1 | UJ | | | 700 | | 25 | U | NC | 145 | 170 | J | 50 | U | NC | 120 |
| 75-25-2 | Bromoform | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 10 | U | 1 | U | | | 150 | J | 140 | | 6.9 | NA | 250 | U | 23 | J | NC | 227 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 10 | U | 4 | U | | | 170 | U | 100 | U | | | 250 | U | 200 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 10 | U | 1 | U | | | 170 | U | 25 | U | | | 250 | U | 50 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | | | | | | | | | | | | | | | | | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-103DS-111705<br>11/17/2005<br>MW-103DS | | MW-103DS-111705<br>11/17/2005<br>MW-103DS | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103-111805<br>11/18/2005<br>MW-103 | | MW-103-111805<br>11/18/2005<br>MW-103 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-112B-111805<br>11/18/2005<br>MW-112B | | MW-112B-111805<br>11/18/2005<br>MW-112B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 108-95-2 | Phenol | ug/L | 10 | U | 5 | U | | | 69 | J | 40 | J | 53.2 | NA | 91 | U | 48 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 10 | U | 5 | U | | | 250 | | 270 | | 7.7 | NA | 51 | J | 63 | | 21.1 | NA |
| 98-86-2 | Acetophenone | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 10 | U | 5 | U | | | 240 | | 230 | | 4.3 | NA | 77 | J | 83 | | 7.5 | NA |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 78-59-1 | Isophorone | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 10 | U | 10 | U | | | 600 | | 930 | | 43.1 | NA | 350 | | 460 | | 27.2 | NA |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 91-20-3 | Naphthalene | ug/L | 7 | J | 10 | | 35.3 | NA | 20000 | | 15000 | | 28.6 | NA | 9600 | | 10000 | | 4.1 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 105-60-2 | Caprolactam | ug/L | 10 | U | 14 | U | | | 89 | U | 140 | U | | | 91 | U | 140 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 2 | J | 3 | J | 40.0 | 1 | 1300 | J | 1400 | | 7.4 | NA | 1000 | J | 1000 | | 0.0 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 10 | U | 14 | U | | | 89 | U | 140 | UJ | | | 91 | U | 140 | UJ | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 25 | U | 5 | U | | | 220 | U | 48 | U | | | 230 | U | 48 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 10 | U | 1 | J | NC | 9 | 130 | | 140 | | 7.4 | NA | 75 | J | 86 | | 13.7 | NA |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 25 | U | 5 | U | | | 220 | U | 48 | U | | | 230 | U | 48 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 10 | U | 5 | U | | | 33 | J | 49 | | 39.0 | NA | 160 | | 210 | | 27.0 | NA |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 25 | U | 5 | U | | | 220 | U | 48 | U | | | 230 | U | 48 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 10 | U | 1 | J | NC | 9 | 270 | | 290 | | 7.1 | NA | 110 | | 130 | | 16.7 | NA |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-103DS-111705<br>11/17/2005<br>MW-103DS | | MW-103DS-111705<br>11/17/2005<br>MW-103DS | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103-111805<br>11/18/2005<br>MW-103 | | MW-103-111805<br>11/18/2005<br>MW-103 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-112B-111805<br>11/18/2005<br>MW-112B | | MW-112B-111805<br>11/18/2005<br>MW-112B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 25 | U | 57 | U | | | 220 | U | 580 | U | | | 230 | U | 570 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 25 | U | 29 | U | | | 220 | UJ | 290 | U | | | 230 | UJ | 290 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 10 | U | 5 | U | | | 190 | | 180 | | 5.4 | NA | 87 | J | 94 | | 7.7 | NA |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 86-73-7 | Fluorene | ug/L | 10 | U | 2 | J | NC | 8 | 130 | | 140 | | 7.4 | NA | 95 | | 110 | | 14.6 | NA |
| 84-66-2 | Diethylphthalate | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 25 | U | 5 | U | | | 220 | U | 48 | U | | | 230 | U | 48 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 25 | U | 14 | U | | | 220 | U | 140 | U | | | 230 | U | 140 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 1912-24-9 | Atrazine | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 25 | U | 14 | U | | | 220 | U | 140 | U | | | 230 | U | 140 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 2 | J | 3 | J | NA | 1 | 100 | | 130 | | 26.1 | NA | 86 | J | 100 | | 15.1 | NA |
| 120-12-7 | Anthracene | ug/L | 10 | U | 5 | U | | | 20 | J | 27 | J | NA | 7 | 91 | U | 19 | J | NC | 72 |
| 86-74-8 | Carbazole | ug/L | 10 | U | 5 | U | | | 540 | | 300 | | 57.1 | NA | 230 | | 140 | | 48.6 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 10 | U | 5 | U | | | 89 | U | 19 | J | NC | 70 | 91 | U | 48 | U | | |
| 129-00-0 | Pyrene | ug/L | 10 | U | 5 | U | | | 89 | U | 15 | J | NC | 74 | 91 | U | 48 | U | | |
| 85-68-7 | Butylbenzylphthalate | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 218-01-9 | Chrysene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 10 | U | 5 | U | | | 89 | U | 48 | U | | | 91 | U | 48 | U | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-103DS-111705<br>11/17/2005<br>MW-103DS | | MW-103DS-111705<br>11/17/2005<br>MW-103DS | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103-111805<br>11/18/2005<br>MW-103 | | MW-103-111805<br>11/18/2005<br>MW-103 | | RPD<br><50 | ABS<br><CRQL | CDM-MW-112B-111805<br>11/18/2005<br>MW-112B | | MW-112B-111805<br>11/18/2005<br>MW-112B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pests / PCBs** | **Pesticides** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | UJ | | | 1 | U | 0.47 | UJ | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 2 | U | 0.47 | U | | | 2 | U | 0.48 | UJ | | | 2 | U | 0.47 | UJ | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | UJ | | | 1 | U | 0.47 | UJ | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | UJ | | | 1 | U | 0.47 | UJ | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | UJ | | | 1 | U | 0.47 | UJ | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | UJ | | | 1 | U | 0.47 | UJ | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | UJ | | | 1 | U | 0.47 | UJ | | |
| 319-84-6 | alpha-BHC | ug/L | 0.05 | U | **No Pesticides** | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.0095 | UJ | | |
| 58-89-9 | gamma-BHC (Lindane) | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.0095 | UJ | | |
| 319-85-7 | beta-BHC | ug/L | 0.05 | U | | | | | 0.05 | U | 0.038 | UJ | | | 0.05 | U | 0.038 | UJ | | |
| 319-86-8 | delta-BHC | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.0095 | UJ | | |
| 76-44-8 | Heptachlor | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.0095 | UJ | | |
| 309-00-2 | Aldrin | ug/L | 0.05 | U | | | | | 0.05 | U | 0.019 | UJ | | | 0.05 | U | 0.019 | UJ | | |
| 1024-57-3 | Heptachlor epoxide | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.0095 | UJ | | |
| 5103-74-2 | gamma-Chlordane | ug/L | 0.05 | U | | | | | 0.05 | U | 0.095 | UJ | | | 0.05 | U | 0.095 | UJ | | |
| 5103-71-9 | alpha-Chlordane | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | UJ | | | 0.05 | U | 0.014 | J | NC | 0.04 |
| 959-98-8 | Endosulfan I | ug/L | 0.05 | U | | | | | 0.27 | | 0.0095 | UJ | NC | 0.26 | 0.05 | U | 0.0073 | J | NC | 0.04 |
| 72-55-9 | 4,4'-DDE | ug/L | 0.1 | U | | | | | 0.11 | J | 0.13 | J | NA | 0.02 | 0.1 | U | 0.019 | UJ | | |
| 60-57-1 | Dieldrin | ug/L | 0.1 | U | | | | | 0.1 | U | 0.029 | UJ | | | 0.1 | U | 0.028 | UJ | | |
| 72-20-8 | Endrin | ug/L | 0.1 | U | | | | | 0.1 | U | 0.095 | J | NC | 0.01 | 0.1 | U | 0.019 | UJ | | |
| 72-54-8 | 4,4'-DDD | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.019 | UJ | | |
| 33213-65-9 | Endosulfan II | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.019 | UJ | | |
| 50-29-3 | 4,4'-DDT | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.019 | UJ | | |
| 7421-93-4 | Endrin aldehyde | ug/L | 0.1 | U | | | | | 0.1 | U | 0.095 | UJ | | | 0.1 | U | 0.095 | UJ | | |
| 72-43-5 | Methoxychlor | ug/L | 0.5 | U | | | | | 0.5 | U | 0.16 | J | NC | 0.34 | 0.5 | U | 0.095 | UJ | | |
| 1031-07-8 | Endosulfan sulfate | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.02 | J | NC | 0.08 |
| 53494-70-5 | Endrin ketone | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | UJ | | | 0.1 | U | 0.019 | UJ | | |
| 8001-35-2 | Toxaphene | ug/L | 5 | U | | | | | 5 | U | 0.95 | UJ | | | 5 | U | 0.95 | UJ | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-103DS-111705 / 11/17/2005 / MW-103DS | MW-103DS-111705 / 11/17/2005 / MW-103DS | RPD <50 | ABS <CRQL | CDM-MW-103-111805 / 11/18/2005 / MW-103 | MW-103-111805 / 11/18/2005 / MW-103 | RPD <50 | ABS <CRQL | CDM-MW-112B-111805 / 11/18/2005 / MW-112B | MW-112B-111805 / 11/18/2005 / MW-112B | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **5-METALS-W** | **Inorganic Analytes** | | **No Metals** | | | | **No Metals** | | | | **No Metals** | | | |
| 7440-22-4 | Silver | ug/L | | | | | | | | | | | | |
| 7429-90-5 | Aluminum | ug/L | | | | | | | | | | | | |
| 7440-38-2 | Arsenic | ug/L | | 5.9 | | | | 1720 | | | | 28800 | | |
| 7440-39-3 | Barium | ug/L | | | | | | | | | | | | |
| 7440-41-7 | Beryllium | ug/L | | | | | | | | | | | | |
| 7440-70-2 | Calcium | ug/L | | | | | | | | | | | | |
| 7440-43-9 | Cadmium | ug/L | | | | | | | | | | | | |
| 7440-48-4 | Cobalt | ug/L | | | | | | | | | | | | |
| 7440-47-3 | Chromium | ug/L | | | | | | | | | | | | |
| 7440-50-8 | Copper | ug/L | | | | | | | | | | | | |
| 7439-89-6 | Iron | ug/L | | | | | | | | | | | | |
| 7440-09-7 | Potassium | ug/L | | | | | | | | | | | | |
| 7439-95-4 | Magnesium | ug/L | | | | | | | | | | | | |
| 7439-96-5 | Manganese | ug/L | | | | | | | | | | | | |
| 7440-23-5 | Sodium | ug/L | | | | | | | | | | | | |
| 7440-02-0 | Nickel | ug/L | | | | | | | | | | | | |
| 7439-92-1 | Lead | ug/L | | 0.18 U | | | | 1 | | | | 1.3 | | |
| 7440-36-0 | Antimony | ug/L | | | | | | | | | | | | |
| 7782-49-2 | Selenium | ug/L | | | | | | | | | | | | |
| 7440-28-0 | Thallium | ug/L | | | | | | | | | | | | |
| 7440-62-2 | Vanadium | ug/L | | | | | | | | | | | | |
| 7440-66-6 | Zinc | ug/L | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 341 | Dup-pairs | 14 | | | Dup-pairs | 27 | | | Dup-pairs | 21 | | | |
| Total Failed | 14 | Failed Criteria | 0 | | | Failed Criteria | 3 | | | Failed Criteria | 0 | | | |
| % Failed of Total | 4.11% | % Failed | | 0.00% | | % Failed | | 11.11% | | % Failed | | 0.00% | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-105A-112105 11/21/2005 MW-105A | | MW-105A-112105 11/21/2005 MW-105A | | RPD <50 | RPD <50 | CDM-MW-117A-112105 11/21/2005 MW-117A | | MW-117A-112105 11/21/2005 MW-117A | | RPD <50 | ABS <CRQL | CDM-MW-117B-112105 11/21/2005 MW-117B | | MW-117B-112105 11/21/2005 MW-117B | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 10 | UJ | 5 | U | | | 10 | UJ | 0.5 | U | | | 10 | UJ | 5 | U | | |
| 74-87-3 | Chloromethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 74-83-9 | Bromomethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 75-00-3 | Chloroethane | ug/L | 10 | UJ | 5 | U | | | 10 | UJ | 0.5 | U | | | 10 | UJ | 5 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 67-64-1 | Acetone | ug/L | 10 | U | 50 | UJ | | | 4 | J | 5 | UJ | NC | 1 | 5 | J | 50 | UJ | NC | 45 |
| 75-15-0 | Carbon Disulfide | ug/L | 10 | U | 1.3 | J | NC | 8.7 | 10 | U | 0.9 | | NC | 9.1 | 10 | U | 1.7 | J | NC | 8.3 |
| 79-20-9 | Methyl Acetate | ug/L | 10 | UJ | 10 | U | | | 10 | UJ | 1 | U | | | 10 | UJ | 10 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 10 | U | 50 | U | | | 10 | U | 5 | U | | | 10 | U | 50 | U | | |
| 67-66-3 | Chloroform | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 71-43-2 | Benzene | ug/L | 75 | | 81 | | 7.7 | NA | 14 | | 15 | | 6.9 | NA | 450 | | 430 | | 4.5 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 10 | U | 50 | U | | | 10 | U | 5 | U | | | 10 | U | 50 | U | | |
| 108-88-3 | Toluene | ug/L | 6 | J | 7 | | 15.4 | NA | 11 | | 11 | | 0.0 | NA | 900 | | 830 | | 8.1 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 10 | U | 50 | U | | | 10 | U | 5 | U | | | 10 | U | 50 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 83 | | 83 | | 0.0 | NA | 15 | | 18 | | 18.2 | NA | 560 | | 510 | | 9.3 | NA |
| 100-42-5 | Styrene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 75-25-2 | Bromoform | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 86 | | 88 | | 2.3 | NA | 5 | J | 6 | | 18.2 | NA | 32 | | 32 | | 0.0 | NA |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 2 | J | 1.1 | J | NA | 0.9 | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 10 | U | 20 | U | | | 10 | U | 2 | U | | | 10 | U | 20 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 10 | U | 5 | U | | | 10 | U | 0.5 | U | | | 10 | U | 5 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | | | | | | | | | | | | | | | | | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-105A-112105<br>11/21/2005<br>MW-105A | | MW-105A-112105<br>11/21/2005<br>MW-105A | | RPD<br><50 | RPD<br><50 | CDM-MW-117A-112105<br>11/21/2005<br>MW-117A | | MW-117A-112105<br>11/21/2005<br>MW-117A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-117B-112105<br>11/21/2005<br>MW-117B | | MW-117B-112105<br>11/21/2005<br>MW-117B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 930 | UJ | 5 | U | | | 10 | UJ | 5 | U | | | 1900 | UJ | 5 | U | | |
| 108-95-2 | Phenol | ug/L | 930 | U | 5 | U | | | 2 | J | 2 | J | NA | 0.00 | 1900 | U | 49 | | NC | 1851 |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 930 | U | 15 | | NC | 915 | 20 | | 26 | | 26.1 | NA | 1900 | U | 340 | | NC | 1560 |
| 98-86-2 | Acetophenone | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | 930 | U | 5 | U | | | 17 | | 21 | | 21.1 | NA | 1900 | U | 110 | | NC | 1790 |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 930 | UJ | 5 | U | | | 10 | UJ | 5 | U | | | 1900 | UJ | 5 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 78-59-1 | Isophorone | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 930 | U | 14 | | NC | 916 | 110 | | 90 | | 20.0 | NA | 1500 | J | 1700 | | 12.5 | NA |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | 4700 | | 4400 | | 6.6 | NA | 3 | J | 67 | | 182.9 | NA | 9600 | | 8600 | | 11.0 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | 930 | UJ | 5 | U | | | 10 | UJ | 5 | U | | | 1900 | UJ | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 105-60-2 | Caprolactam | ug/L | 930 | U | 14 | U | | | 10 | U | 14 | U | | | 1900 | U | 14 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 930 | UJ | 5 | U | | | 10 | UJ | 5 | U | | | 1900 | UJ | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 240 | J | 310 | | 25.5 | NA | 52 | | 63 | | 19.1 | NA | 640 | J | 690 | | 7.5 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 930 | U | 14 | U | | | 10 | U | 14 | U | | | 1900 | U | 14 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 2300 | U | 5 | U | | | 25 | U | 5 | U | | | 4800 | U | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 930 | U | 15 | | NC | 915 | 8 | J | 13 | | 47.6 | NA | 1900 | U | 64 | | NC | 1836 |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 2300 | U | 5 | U | | | 25 | U | 5 | U | | | 4800 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 930 | U | 4 | J | NC | 926 | 3 | J | 5 | | 50.0 | NA | 1900 | U | 34 | | NC | 1866 |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 2300 | UJ | 5 | U | | | 25 | UJ | 5 | U | | | 4800 | UJ | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 930 | U | 140 | | NC | 790 | 92 | | 100 | | 8.3 | NA | 1900 | U | 230 | | NC | 1670 |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-105A-112105<br>11/21/2005<br>MW-105A | | MW-105A-112105<br>11/21/2005<br>MW-105A | | RPD<br><50 | RPD<br><50 | CDM-MW-117A-112105<br>11/21/2005<br>MW-117A | | MW-117A-112105<br>11/21/2005<br>MW-117A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-117B-112105<br>11/21/2005<br>MW-117B | | MW-117B-112105<br>11/21/2005<br>MW-117B | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | | | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 2300 | UJ | 57 | U | | | 25 | UJ | 57 | U | | | 4800 | UJ | 57 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 2300 | U | 28 | U | | | 25 | U | 28 | U | | | 4800 | U | 28 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 930 | U | 97 | | NC | 833 | 51 | | 51 | | 0.0 | NA | 1900 | U | 140 | | NC | 1760 |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 86-73-7 | Fluorene | ug/L | 930 | U | 100 | | NC | 830 | 64 | | 73 | | 13.1 | NA | 1900 | U | 130 | | NC | 1770 |
| 84-66-2 | Diethylphthalate | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 2300 | UJ | 5 | U | | | 25 | UJ | 5 | U | | | 4800 | UJ | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 2300 | U | 14 | U | | | 25 | U | 14 | U | | | 4800 | U | 14 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 930 | UJ | 5 | U | | | 10 | UJ | 5 | U | | | 1900 | UJ | 5 | U | | |
| 1912-24-9 | Atrazine | ug/L | 930 | UJ | 5 | U | | | 10 | UJ | 5 | U | | | 1900 | UJ | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 2300 | UJ | 14 | U | | | 25 | UJ | 14 | U | | | 4800 | UJ | 14 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 930 | U | 110 | | NC | 820 | 120 | | 110 | | 8.7 | NA | 1900 | U | 130 | | NC | 1770 |
| 120-12-7 | Anthracene | ug/L | 930 | U | 23 | | NC | NC | 20 | | 22 | | 9.5 | NA | 1900 | U | 19 | | NC | 1881 |
| 86-74-8 | Carbazole | ug/L | 310 | J | 200 | | 43.1 | NA | 37 | J | 20 | | 59.6 | NA | 380 | J | 260 | | 37.5 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 930 | U | 18 | | NC | 912 | 22 | | 20 | | 9.5 | NA | 1900 | U | 15 | | NC | 1885 |
| 129-00-0 | Pyrene | ug/L | 930 | U | 13 | | NC | 917 | 15 | | 17 | | 12.5 | NA | 1900 | U | 13 | | NC | 1887 |
| 85-68-7 | Butylbenzylphthalate | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 930 | U | 2 | J | NC | 928 | 10 | U | 1 | J | NC | NA | 1900 | U | 1 | J | NC | 1899 |
| 218-01-9 | Chrysene | ug/L | 930 | U | 2 | J | NC | 928 | 10 | U | 1 | J | NC | NA | 1900 | U | 1 | J | NC | 1899 |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 930 | U | 1 | J | NC | 929 | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 930 | U | 5 | U | | | 10 | U | 5 | U | | | 1900 | U | 5 | U | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-105A-112105 11/21/2005 MW-105A | | MW-105A-112105 11/21/2005 MW-105A | | RPD <50 | RPD <50 | CDM-MW-117A-112105 11/21/2005 MW-117A | | MW-117A-112105 11/21/2005 MW-117A | | RPD <50 | ABS <CRQL | CDM-MW-117B-112105 11/21/2005 MW-117B | | MW-117B-112105 11/21/2005 MW-117B | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pests / PCBs** | **Pesticides** | | | | | | | | | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | U | | | 1 | U | 0.47 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 2 | U | 0.47 | U | | | 2 | U | 0.48 | U | | | 2 | U | 0.47 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | U | | | 1 | U | 0.47 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | U | | | 1 | U | 0.47 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | U | | | 1 | U | 0.47 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | U | | | 1 | U | 0.47 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 1 | U | 0.47 | U | | | 1 | U | 0.48 | U | | | 1 | U | 0.47 | U | | |
| 319-84-6 | alpha-BHC | ug/L | 0.05 | U | **No Pesticides** | | | | 0.05 | U | 0.0095 | U | | | 0.05 | U | 0.047 | J | NC | 0.00 |
| 58-89-9 | gamma-BHC (Lindane) | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | U | | | 0.05 | U | 0.0095 | U | | |
| 319-85-7 | beta-BHC | ug/L | 0.05 | U | | | | | 0.05 | U | 0.038 | U | | | 0.05 | U | 0.038 | U | | |
| 319-86-8 | delta-BHC | ug/L | 0.05 | U | | | | | 0.05 | U | 0.012 | J | NC | 0.04 | 0.05 | U | 0.018 | J | NC | 0.03 |
| 76-44-8 | Heptachlor | ug/L | 0.05 | U | | | | | 0.037 | J | 0.0095 | U | NC | 0.03 | 0.05 | U | 0.0095 | U | | |
| 309-00-2 | Aldrin | ug/L | 0.05 | U | | | | | 0.05 | U | 0.019 | U | | | 0.05 | U | 0.032 | J | NC | 0.02 |
| 1024-57-3 | Heptachlor epoxide | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | U | | | 0.05 | U | 0.0095 | U | | |
| 5103-74-2 | gamma-Chlordane | ug/L | 0.013 | J | | | | | 0.05 | U | 0.095 | U | | | 0.013 | J | 0.095 | U | NC | 0.08 |
| 5103-71-9 | alpha-Chlordane | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | U | | | 0.05 | U | 0.0095 | U | | |
| 959-98-8 | Endosulfan I | ug/L | 0.05 | U | | | | | 0.05 | U | 0.0095 | U | | | 0.05 | U | 0.0095 | U | | |
| 72-55-9 | 4,4'-DDE | ug/L | 0.1 | U | | | | | 0.063 | J | 0.021 | J | NA | 0.04 | 0.1 | U | 0.032 | J | NC | 0.07 |
| 60-57-1 | Dieldrin | ug/L | 0.1 | U | | | | | 0.1 | U | 0.029 | U | | | 0.073 | J | 0.028 | U | NC | 0.05 |
| 72-20-8 | Endrin | ug/L | 0.1 | U | | | | | 0.056 | J | 0.018 | J | NA | 0.04 | 0.053 | J | 0.038 | J | 33.0 | 0.02 |
| 72-54-8 | 4,4'-DDD | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | U | | | 0.1 | U | 0.072 | J | NC | 0.03 |
| 33213-65-9 | Endosulfan II | ug/L | 0.1 | U | | | | | 0.1 | U | 0.019 | U | | | 0.1 | U | 0.019 | U | | |
| 50-29-3 | 4,4'-DDT | ug/L | 0.1 | U | | | | | 0.1 | U | 0.03 | J | NC | 0.07 | 0.1 | U | 0.034 | J | NC | 0.07 |
| 7421-93-4 | Endrin aldehyde | ug/L | 0.1 | U | | | | | 0.021 | J | 0.095 | U | NC | 0.07 | 0.1 | U | 0.095 | U | | |
| 72-43-5 | Methoxychlor | ug/L | 0.5 | U | | | | | 0.5 | U | 0.095 | U | | | 0.5 | U | 0.095 | U | | |
| 1031-07-8 | Endosulfan sulfate | ug/L | 0.1 | U | | | | | 0.1 | U | 0.0084 | J | NC | 0.09 | 0.18 | J | 0.019 | U | NC | 0.16 |
| 53494-70-5 | Endrin ketone | ug/L | 0.06 | J | | | | | 0.1 | U | 0.019 | U | | | 0.1 | U | 0.019 | U | | |
| 8001-35-2 | Toxaphene | ug/L | 5 | U | | | | | 5 | U | 0.95 | U | | | 5 | U | 0.95 | U | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
*Quanta Resources Site*

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-105A-112105 11/21/2005 MW-105A | | MW-105A-112105 11/21/2005 MW-105A | | RPD <50 | RPD <50 | CDM-MW-117A-112105 11/21/2005 MW-117A | | MW-117A-112105 11/21/2005 MW-117A | | RPD <50 | ABS <CRQL | CDM-MW-117B-112105 11/21/2005 MW-117B | | MW-117B-112105 11/21/2005 MW-117B | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **5-METALS-W** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 10 | U | | | | | 1.3 | J | | | | | 10 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 200 | U | | | | | 200 | U | | | | | 200 | U | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 2.2 | | NC | 7.8 | 10 | U | 3.9 | | NC | 6.1 | 10 | U | 3.1 | | NC | 6.9 |
| 7440-39-3 | Barium | ug/L | 156 | J | | | | | 134 | J | | | | | 96.3 | J | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 120999 | | | | | | 98700 | | | | | | 108999 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 10 | U | | | | | 2 | J | | | | |
| 7440-50-8 | Copper | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7439-89-6 | Iron | ug/L | 645 | | | | | | 6420 | | | | | | 12800 | | | | | |
| 7440-09-7 | Potassium | ug/L | 6650 | J | | | | | 3570 | J | | | | | 4320 | J | | | | |
| 7439-95-4 | Magnesium | ug/L | 12800 | | | | | | 6460 | | | | | | 9520 | | | | | |
| 7439-96-5 | Manganese | ug/L | 263 | | | | | | 417 | | | | | | 795 | | | | | |
| 7440-23-5 | Sodium | ug/L | 25400 | | | | | | 8220 | | | | | | 13000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 40 | U | | | | | 40 | U | | | | | 40 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | R | 0.45 | J | | | 10 | R | 3.1 | | | | 10 | R | 0.76 | J | | |
| 7440-36-0 | Antimony | ug/L | 60 | U | | | | | 60 | U | | | | | 60 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 60 | U | | | | | 60 | U | | | | | 19.5 | J | | | | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 341 | Dup-pairs | 24 | Dup-pairs | 32 | Dup-pairs | 35 |
| Total Failed | 14 | Failed Criteria | 0 | Failed Criteria | 3 | Failed Criteria | 0 |
| % Failed of Total | 4.11% | % Failed | 0.00% | % Failed | 9.38% | % Failed | 0.00% |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-118A-112105 11/21/2005 MW-118A | MW-118A-112105 11/21/2005 MW-118A | RPD <50 | ABS <CRQL | CDM-MW-118B-112105 11/21/2005 MW-118B | MW-118B-112105 11/21/2005 MW-118B | RPD <50 | ABS <CRQL | CDM-MW-116A-112205 11/22/2005 MW-116A | MW-116A-112205 11/22/2005 MW-116A | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | **No VOCs** | 0.5 U | | | **No VOCs** | 5 U | | | 83 UJ | 50 U | | |
| 74-87-3 | Chloromethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 75-01-4 | Vinyl Chloride | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 74-83-9 | Bromomethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 75-00-3 | Chloroethane | ug/L | | 0.5 U | | | | 5 U | | | 83 UJ | 50 U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 67-64-1 | Acetone | ug/L | | 5 UJ | | | | 50 UJ | | | 83 U | 500 UJ | | |
| 75-15-0 | Carbon Disulfide | ug/L | | 0.1 J | | | | 1.6 J | | | 83 U | 14 J | NC | 69 |
| 79-20-9 | Methyl Acetate | ug/L | | 1 U | | | | 10 U | | | 83 UJ | 100 U | | |
| 75-09-2 | Methylene Chloride | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 78-93-3 | 2-Butanone | ug/L | | 5 U | | | | 50 U | | | 83 U | 500 U | | |
| 67-66-3 | Chloroform | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 110-82-7 | Cyclohexane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 71-43-2 | Benzene | ug/L | | 1.6 | | | | 130 | | | 620 | 630 | 1.6 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 79-01-6 | Trichloroethene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 108-87-2 | Metylcyclohexane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 75-27-4 | Bromodichloromethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | | 5 U | | | | 50 U | | | 83 U | 500 U | | |
| 108-88-3 | Toluene | ug/L | | 1.2 | | | | 31 | | | 500 | 480 | 4.1 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 127-18-4 | Tetrachloroethene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 591-78-6 | 2-Hexanone | ug/L | | 5 U | | | | 50 U | | | 83 U | 500 U | | |
| 124-48-1 | Dibromochloromethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 108-90-7 | Chlorobenzene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 100-41-4 | Ethylbenzene | ug/L | | 3 | | | | 250 | | | 820 | 810 | 1.2 | NA |
| 100-42-5 | Styrene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 75-25-2 | Bromoform | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 98-82-8 | Isopropylbenzene | ug/L | | 2.9 | | | | 5 U | | | 70 J | 60 | 15.4 | NA |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | | 2 U | | | | 20 U | | | 83 U | 200 U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | | 0.5 U | | | | 5 U | | | 83 U | 50 U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | | | | | | | | | | | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-118A-112105 11/21/2005 MW-118A | MW-118A-112105 11/21/2005 MW-118A | RPD <50 | ABS <CRQL | CDM-MW-118B-112105 11/21/2005 MW-118B | MW-118B-112105 11/21/2005 MW-118B | RPD <50 | ABS <CRQL | CDM-MW-116A-112205 11/22/2005 MW-116A | MW-116A-112205 11/22/2005 MW-116A | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | **No SVOCs** | | | | **No SVOCs** | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | | 5 U | | | | 5 U | | | 2300 UJ | 5 U | | |
| 108-95-2 | Phenol | ug/L | | 5 U | | | | 5 U | | | 2300 U | 30 | NC | 2270 |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 95-48-7 | 2-Methylphenol | ug/L | | 1 J | | | | 8 | | | 2300 U | 120 | NC | 2180 |
| 98-86-2 | Acetophenone | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 106-44-5 | 4-Methylphenol | ug/L | | 5 U | | | | 3 J | | | 2300 U | 110 | NC | 2190 |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | | 5 U | | | | 5 U | | | 2300 UJ | 5 U | | |
| 67-72-1 | Hexachloroethane | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 98-95-3 | Nitrobenzene | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 78-59-1 | Isophorone | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | | 9 U | | | | 120 | | | 2300 U | 610 J | NC | 1690 |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 91-20-3 | Naphthalene | ug/L | | 81 | | | | 4900 | | | 14000 | 11000 | 24.0 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | | 5 U | | | | 5 U | | | 2300 UJ | 5 U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 105-60-2 | Caprolactam | ug/L | | 14 U | | | | 14 U | | | 2300 U | 14 U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | | 5 U | | | | 5 U | | | 2300 UJ | 5 U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | | 12 | | | | 400 | | | 1000 J | 820 | 19.8 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | | 14 U | | | | 14 U | | | 2300 U | 14 U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | | 5 U | | | | 5 U | | | 5800 U | 5 U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | | 4 J | | | | 47 | | | 2300 U | 81 | NC | 2219 |
| 91-58-7 | 2-Chloronaphthalene | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | | 5 U | | | | 5 U | | | 5800 U | 5 U | | |
| 131-11-3 | Dimethylphthalate | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 208-96-8 | Acenaphthylene | ug/L | | 2 J | | | | 3 J | | | 2300 U | 14 | NC | 2286 |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | | 5 U | | | | 5 U | | | 2300 U | 5 U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | | 5 U | | | | 5 U | | | 5800 UJ | 5 U | | |
| 83-32-9 | Acenaphthene | ug/L | | 92 | | | | 170 | | | 2300 U | 230 | NC | 2070 |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-118A-112105<br>11/21/2005<br>MW-118A | | MW-118A-112105<br>11/21/2005<br>MW-118A | | RPD<br><50 | ABS<br><CRQL | CDM-MW-118B-112105<br>11/21/2005<br>MW-118B | | MW-118B-112105<br>11/21/2005<br>MW-118B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-116A-112205<br>11/22/2005<br>MW-116A | | MW-116A-112205<br>11/22/2005<br>MW-116A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | No SVOCs | | | | | | No SVOCs | | | | | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | | | 57 | U | | | | | 57 | U | | | 5800 | UJ | 57 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | | | 28 | U | | | | | 28 | U | | | 5800 | U | 28 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | | | 49 | | | | | | 100 | | | | 2300 | U | 110 | | NC | 2190 |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 86-73-7 | Fluorene | ug/L | | | 75 | | | | | | 100 | | | | 2300 | U | 100 | | NC | 2200 |
| 84-66-2 | Diethylphthalate | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | | | 5 | U | | | | | 5 | U | | | 5800 | UJ | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | | | 14 | U | | | | | 14 | U | | | 5800 | U | 14 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | UJ | 5 | U | | |
| 1912-24-9 | Atrazine | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | UJ | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | | | 14 | U | | | | | 14 | U | | | 5800 | UJ | 14 | U | | |
| 85-01-8 | Phenanthrene | ug/L | | | 38 | | | | | | 110 | | | | 2300 | U | 110 | | NC | 2190 |
| 120-12-7 | Anthracene | ug/L | | | 16 | | | | | | 25 | | | | 2300 | U | 18 | | NC | 2282 |
| 86-74-8 | Carbazole | ug/L | | | 20 | | | | | | 270 | | | | 500 | J | 230 | | 74.0 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 206-44-0 | Fluoranthene | ug/L | | | 19 | | | | | | 18 | | | | 2300 | U | 12 | | NC | 2288 |
| 129-00-0 | Pyrene | ug/L | | | 14 | | | | | | 14 | | | | 2300 | U | 8 | | NC | 2292 |
| 85-68-7 | Butylbenzylphthalate | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | | | 1 | J | | | | | 1 | J | | | 2300 | U | 1 | J | NC | 2299 |
| 218-01-9 | Chrysene | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | | | 5 | U | | | | | 5 | U | | | 2300 | U | 5 | U | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-118A-112105 11/21/2005 MW-118A | MW-118A-112105 11/21/2005 MW-118A | RPD <50 | ABS <CRQL | CDM-MW-118B-112105 11/21/2005 MW-118B | MW-118B-112105 11/21/2005 MW-118B | RPD <50 | ABS <CRQL | CDM-MW-116A-112205 11/22/2005 MW-116A | MW-116A-112205 11/22/2005 MW-116A | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pests / PCBs** | **Pesticides** | | **No PCBs** | | | | **No PCBs** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | | 0.48 U | | | | 0.47 U | | | 1 U | 0.48 U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | | 0.48 U | | | | 0.47 U | | | 2 U | 0.48 U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | | 0.48 U | | | | 0.47 U | | | 1 U | 0.48 U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | | 0.48 U | | | | 0.47 U | | | 1 U | 0.48 U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | | 0.48 U | | | | 0.47 U | | | 1 U | 0.48 U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | | 0.48 U | | | | 0.47 U | | | 1 U | 0.48 U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | | 0.48 U | | | | 0.47 U | | | 1 U | 0.48 U | | |
| 319-84-6 | alpha-BHC | ug/L | **No Pesticides** | **No Pesticides** | | | **No Pesticides** | **No Pesticides** | | | 0.05 U | **No Pesticides** | | |
| 58-89-9 | gamma-BHC (Lindane) | ug/L | | | | | | | | | 0.066 J | | | |
| 319-85-7 | beta-BHC | ug/L | | | | | | | | | 0.05 U | | | |
| 319-86-8 | delta-BHC | ug/L | | | | | | | | | 0.05 U | | | |
| 76-44-8 | Heptachlor | ug/L | | | | | | | | | 0.05 U | | | |
| 309-00-2 | Aldrin | ug/L | | | | | | | | | 0.05 U | | | |
| 1024-57-3 | Heptachlor epoxide | ug/L | | | | | | | | | 0.05 U | | | |
| 5103-74-2 | gamma-Chlordane | ug/L | | | | | | | | | 0.012 J | | | |
| 5103-71-9 | alpha-Chlordane | ug/L | | | | | | | | | 0.05 U | | | |
| 959-98-8 | Endosulfan I | ug/L | | | | | | | | | 0.05 U | | | |
| 72-55-9 | 4,4'-DDE | ug/L | | | | | | | | | 0.1 U | | | |
| 60-57-1 | Dieldrin | ug/L | | | | | | | | | 0.1 U | | | |
| 72-20-8 | Endrin | ug/L | | | | | | | | | 0.1 U | | | |
| 72-54-8 | 4,4'-DDD | ug/L | | | | | | | | | 0.1 U | | | |
| 33213-65-9 | Endosulfan II | ug/L | | | | | | | | | 0.1 U | | | |
| 50-29-3 | 4,4'-DDT | ug/L | | | | | | | | | 0.1 U | | | |
| 7421-93-4 | Endrin aldehyde | ug/L | | | | | | | | | 0.025 J | | | |
| 72-43-5 | Methoxychlor | ug/L | | | | | | | | | 0.5 U | | | |
| 1031-07-8 | Endosulfan sulfate | ug/L | | | | | | | | | 0.18 | | | |
| 53494-70-5 | Endrin ketone | ug/L | | | | | | | | | 0.1 U | | | |
| 8001-35-2 | Toxaphene | ug/L | | | | | | | | | 5 U | | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-118A-112105 11/21/2005 MW-118A | | MW-118A-112105 11/21/2005 MW-118A | | RPD <50 | ABS <CRQL | CDM-MW-118B-112105 11/21/2005 MW-118B | | MW-118B-112105 11/21/2005 MW-118B | | RPD <50 | ABS <CRQL | CDM-MW-116A-112205 11/22/2005 MW-116A | | MW-116A-112205 11/22/2005 MW-116A | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **5-METALS-W** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 1.1 | J | | | | | 10 | U | | | | | 10 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 200 | U | | | | | 200 | U | | | | | 200 | U | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 1 | J | NC | 9 | 10 | U | 1.9 | J | NC | 8.1 | 10 | U | 1.5 | J | NC | 8.5 |
| 7440-39-3 | Barium | ug/L | 156 | J | | | | | 139 | J | | | | | 113 | J | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 132999 | | | | | | 129000 | | | | | | 114000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 0.83 | J | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | | 10 | U | | | | | 3.6 | J | | | | |
| 7440-50-8 | Copper | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7439-89-6 | Iron | ug/L | 7300 | | | | | | 4660 | | | | | | 2010 | | | | | |
| 7440-09-7 | Potassium | ug/L | 4110 | J | | | | | 5050 | J | | | | | 7240 | J | | | | |
| 7439-95-4 | Magnesium | ug/L | 7020 | | | | | | 10700 | | | | | | 11600 | | | | | |
| 7439-96-5 | Manganese | ug/L | 346 | | | | | | 439 | | | | | | 563 | | | | | |
| 7440-23-5 | Sodium | ug/L | 8990 | | | | | | 20900 | | | | | | 37200 | | | | | |
| 7440-02-0 | Nickel | ug/L | 2.6 | J | | | | | 1.8 | J | | | | | 40 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | R | 0.36 | J | | | 10 | R | 0.4 | J | | | 10 | R | 0.47 | J | | |
| 7440-36-0 | Antimony | ug/L | 60 | U | | | | | 60 | U | | | | | 60 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 50 | U | | | | | 50 | U | | | | | 50 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 8.5 | J | | | | | 4.8 | J | | | | | 3.2 | J | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 341 | Dup-pairs | 1 | Dup-pairs | 1 | Dup-pairs | 23 |
| Total Failed | 14 | Failed Criteria | 0 | Failed Criteria | 0 | Failed Criteria | 1 |
| % Failed of Total | 4.11% | % Failed | 0.00% | % Failed | 0.00% | % Failed | 4.35% |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-116DS-112205 11/22/2005 MW-116DS | MW-116DS-112205 11/22/2005 MW-116DS | RPD <50 | ABS <CRQL | CDM-MW-116B-112205 11/23/2005 MW-116B | MW-116B-112305 11/22/2005 MW-116B | RPD <50 | ABS <CRQL | CDM-MW-103-022006 2/20/2006 MW-103 | MW-103-022006 2/20/2006 MW-103 | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | **No VOCs** | 0.5 U | | | **No VOCs** | 25 U | | | 5 U | 50 U | | |
| 74-87-3 | Chloromethane | ug/L | | 0.5 U | | | | 5.1 J | | | 5 U | 50 U | | |
| 75-01-4 | Vinyl Chloride | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 74-83-9 | Bromomethane | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 75-00-3 | Chloroethane | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | | 0.5 U | | | | 25 U | | | 5 UJ | 50 U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | | 0.4 J | | | | 25 U | | | 5 UJ | 50 U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | | 0.5 U | | | | 25 U | | | 5 UJ | 50 U | | |
| 67-64-1 | Acetone | ug/L | | 5 UJ | | | | 250 UJ | | | 17 U | 500 UJ | | |
| 75-15-0 | Carbon Disulfide | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 79-20-9 | Methyl Acetate | ug/L | | 1 U | | | | 50 U | | | 5 UJ | 100 U | | |
| 75-09-2 | Methylene Chloride | ug/L | | 0.5 U | | | | 25 U | | | 5 UJ | 50 U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | | 0.5 U | | | | 25 U | | | 5 UJ | 50 U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | | 0.4 J | | | | 25 U | | | 6 | 50 U | NC | 44 |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | | 0.7 | | | | 25 U | | | 5 U | 50 U | | |
| 78-93-3 | 2-Butanone | ug/L | | 5 U | | | | 250 U | | | 9 J | 500 U | NC | 491 |
| 67-66-3 | Chloroform | ug/L | | 0.1 J | | | | 25 U | | | 5 U | 50 U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | | 0.1 J | | | | 25 U | | | 5 UJ | 50 U | | |
| 110-82-7 | Cyclohexane | ug/L | | 0.5 U | | | | 25 U | | | 1 J | 50 U | NC | 49 |
| 56-23-5 | Carbon Tetrachloride | ug/L | | 0.5 U | | | | 25 U | | | 5 UJ | 50 U | | |
| 71-43-2 | Benzene | ug/L | | 2.9 J | | | | 2200 | | | 870 | 980 | 11.9 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | | 0.5 U | | | | 25 U | | | 5 UJ | 50 U | | |
| 79-01-6 | Trichloroethene | ug/L | | 12 J | | | | 25 U | | | 3 J | 50 U | NC | 47 |
| 108-87-2 | Metylcyclohexane | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 75-27-4 | Bromodichloromethane | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | | 5 U | | | | 250 U | | | 18 | 500 U | NC | 482 |
| 108-88-3 | Toluene | ug/L | | 4.3 J | | | | 2300 | | | 2000 | 2200 | 9.5 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 127-18-4 | Tetrachloroethene | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 591-78-6 | 2-Hexanone | ug/L | | 5 U | | | | 250 U | | | 10 U | 500 U | | |
| 124-48-1 | Dibromochloromethane | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | | 0.5 U | | | | 25 U | | | 5 UJ | 50 U | | |
| 108-90-7 | Chlorobenzene | ug/L | | 0.5 UJ | | | | 25 U | | | 5 U | 50 U | | |
| 100-41-4 | Ethylbenzene | ug/L | | 3.5 J | | | | 970 | | | 1200 | 1300 | 8.0 | NA |
| 100-42-5 | Styrene | ug/L | | 0.5 U | | | | 25 U | | | 520 | 480 J | 163.6 | NA |
| 75-25-2 | Bromoform | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 98-82-8 | Isopropylbenzene | ug/L | | 0.3 J | | | | 47 | | | 160 | 130 | 20.7 | NA |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | | 2 U | | | | 100 U | | | 5 U | 200 U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | | 0.5 U | | | | 25 U | | | 5 U | 50 U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | | | | | | | | | 5 U | | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-116DS-112205 11/22/2005 MW-116DS | | MW-116DS-112205 11/22/2005 MW-116DS | | RPD <50 | ABS <CRQL | CDM-MW-116B-112205 11/23/2005 MW-116B | | MW-116B-112305 11/22/2005 MW-116B | | RPD <50 | ABS <CRQL | CDM-MW-103-022006 2/20/2006 MW-103 | | MW-103-022006 2/20/2006 MW-103 | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | **No SVOCs** | | | | | | **No SVOCs** | | | | | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | UJ | | |
| 108-95-2 | Phenol | ug/L | | | 1 | J | | | | | 1100 | | | | 10 | U | 36 | J | NC | 26 |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | | | 1 | J | | | | | 2700 | | | | 250 | J | 260 | | 3.9 | NA |
| 98-86-2 | Acetophenone | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 106-44-5 | 4-Methylphenol | ug/L | | | 3 | J | | | | | 4500 | | | | 250 | J | 220 | | 12.8 | NA |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 78-59-1 | Isophorone | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | | | 9 | U | | | | | 6300 | | | | 1400 | | 1300 | J | 7.4 | NA |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 91-20-3 | Naphthalene | ug/L | | | 87 | | | | | | 16000 | | | | 20000 | | 18000 | | 10.5 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 105-60-2 | Caprolactam | ug/L | | | 14 | U | | | | | 71 | U | | | 10 | U | 140 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | | | 13 | | | | | | 1300 | | | | 1800 | | 1500 | | 18.2 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | | | 14 | U | | | | | 71 | U | | | 10 | U | 140 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | UJ | 47 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | UJ | 47 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | | | 3 | J | | | | | 130 | | | | 150 | J | 130 | | 14.3 | NA |
| 91-58-7 | 2-Chloronaphthalene | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | | | 5 | U | | | | | 24 | U | | | 20 | U | 47 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | | | 5 | U | | | | | 71 | | | | 45 | | 40 | J | 11.8 | NA |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | | | 5 | U | | | | | 24 | U | | | 10 | U | 47 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | | | 5 | U | | | | | 24 | U | | | 20 | U | 47 | U | | |
| 83-32-9 | Acenaphthene | ug/L | | | 8 | | | | | | 330 | | | | 380 | J | 280 | | 30.3 | NA |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-116DS-112205 11/22/2005 MW-116DS | MW-116DS-112205 11/22/2005 MW-116DS | RPD <50 | ABS <CRQL | CDM-MW-116B-112205 11/23/2005 MW-116B | MW-116B-112305 11/22/2005 MW-116B | RPD <50 | ABS <CRQL | CDM-MW-103-022006 2/20/2006 MW-103 | MW-103-022006 2/20/2006 MW-103 | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | No SVOCs | | | | No SVOCs | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | | 57 U | | | | 290 U | | | 20 U | 570 U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | | 28 U | | | | 140 U | | | 20 U | 280 U | | |
| 132-64-9 | Dibenzofuran | ug/L | | 5 | | | | 200 | | | 250 J | 180 | 32.6 | NA |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 86-73-7 | Fluorene | ug/L | | 5 | | | | 190 | | | 180 J | 150 | 18.2 | NA |
| 84-66-2 | Diethylphthalate | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | | 5 U | | | | 24 U | | | 20 U | 47 U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | | 14 U | | | | 71 U | | | 20 U | 140 U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 1912-24-9 | Atrazine | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 87-86-5 | Pentachlorophenol | ug/L | | 14 U | | | | 71 U | | | 20 UJ | 140 U | | |
| 85-01-8 | Phenanthrene | ug/L | | 13 | | | | 370 | | | 210 J | 170 | 21.1 | NA |
| 120-12-7 | Anthracene | ug/L | | 2 J | | | | 69 | | | 38 | 33 J | 14.1 | NA |
| 86-74-8 | Carbazole | ug/L | | 2 J | | | | 340 | | | 490 | 280 | 54.5 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 206-44-0 | Fluoranthene | ug/L | | 3 J | | | | 140 | | | 38 J | 34 J | NA | 4 |
| 129-00-0 | Pyrene | ug/L | | 2 J | | | | 120 | | | 24 | 26 J | 8.0 | NA |
| 85-68-7 | Butylbenzylphthalate | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | | 5 U | | | | 46 | | | 8 J | 47 U | NC | 39 |
| 218-01-9 | Chrysene | ug/L | | 5 U | | | | 47 | | | 7 J | 47 U | NC | 40 |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | | 5 U | | | | 24 U | | | 10 U | 47 U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | | 5 U | | | | 39 | | | 4 J | 47 U | NC | 43 |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | | 5 U | | | | 13 J | | | 5 J | 47 U | NC | 42 |
| 50-32-8 | Benzo(a)pyrene | ug/L | | 5 U | | | | 32 | | | 6 J | 47 U | NC | 41 |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | | 5 U | | | | 12 J | | | 3 J | 47 U | NC | 44 |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | | 5 U | | | | 24 U | | | 2 J | 47 U | NC | 45 |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | | 5 U | | | | 15 J | | | 3 J | 47 U | NC | 44 |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-116DS-112205<br>11/22/2005<br>MW-116DS | | MW-116DS-112205<br>11/22/2005<br>MW-116DS | | RPD<br><50 | ABS<br><CRQL | CDM-MW-116B-112205<br>11/23/2005<br>MW-116B | | MW-116B-112305<br>11/22/2005<br>MW-116B | | RPD<br><50 | ABS<br><CRQL | CDM-MW-103-022006<br>2/20/2006<br>MW-103 | | MW-103-022006<br>2/20/2006<br>MW-103 | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Pests / PCBs** | **Pesticides** | | **No PCBs** | | | | | | **No PCBs** | | | | | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | | | 0.48 | U | | | | | 0.095 | U | | | 1 | U | 2.4 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | | | 0.48 | U | | | | | 0.16 | U | | | 1 | U | 2.4 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | | | 0.48 | U | | | | | 0.095 | U | | | 1 | U | 2.4 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | | | 0.48 | U | | | | | 0.095 | U | | | 1 | U | 2.4 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | | | 0.48 | U | | | | | 0.095 | U | | | 1 | U | 2.4 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | | | 0.48 | U | | | | | 0.095 | U | | | 1 | U | 2.4 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | | | 0.48 | U | | | | | 0.095 | U | | | 1 | U | 2.4 | U | | |
| 319-84-6 | alpha-BHC | ug/L | **No Pesticides** | | **No Pesticides** | | | | **No Pesticides** | | **No Pesticides** | | | | 0.15 | J | 0.047 | U | NC | 0.10 |
| 58-89-9 | gamma-BHC (Lindane) | ug/L | | | | | | | | | | | | | 0.1 | J | 0.047 | U | NC | 0.05 |
| 319-85-7 | beta-BHC | ug/L | | | | | | | | | | | | | 0.05 | U | 0.19 | U | | |
| 319-86-8 | delta-BHC | ug/L | | | | | | | | | | | | | 0.079 | R | 0.047 | U | | |
| 76-44-8 | Heptachlor | ug/L | | | | | | | | | | | | | 0.05 | U | 0.047 | U | | |
| 309-00-2 | Aldrin | ug/L | | | | | | | | | | | | | 0.03 | J | 0.095 | U | NC | 0.07 |
| 1024-57-3 | Heptachlor epoxide | ug/L | | | | | | | | | | | | | 0.03 | J | 0.047 | U | NC | 0.02 |
| 5103-74-2 | gamma-Chlordane | ug/L | | | | | | | | | | | | | 0.012 | R | 0.47 | U | | |
| 5103-71-9 | alpha-Chlordane | ug/L | | | | | | | | | | | | | 0.05 | U | 0.047 | U | | |
| 959-98-8 | Endosulfan I | ug/L | | | | | | | | | | | | | 0.05 | U | 0.047 | U | | |
| 72-55-9 | 4,4'-DDE | ug/L | | | | | | | | | | | | | 0.1 | U | 0.082 | J | NC | 0.02 |
| 60-57-1 | Dieldrin | ug/L | | | | | | | | | | | | | 0.031 | R | 0.14 | U | | |
| 72-20-8 | Endrin | ug/L | | | | | | | | | | | | | 0.1 | U | 0.095 | U | | |
| 72-54-8 | 4,4'-DDD | ug/L | | | | | | | | | | | | | 0.098 | JN | 0.17 | | NA | 0.07 |
| 33213-65-9 | Endosulfan II | ug/L | | | | | | | | | | | | | 0.1 | U | 0.095 | U | | |
| 50-29-3 | 4,4'-DDT | ug/L | | | | | | | | | | | | | 0.1 | U | 0.095 | U | | |
| 7421-93-4 | Endrin aldehyde | ug/L | | | | | | | | | | | | | 0.01 | R | 0.47 | U | | |
| 72-43-5 | Methoxychlor | ug/L | | | | | | | | | | | | | 0.5 | U | 0.47 | U | | |
| 1031-07-8 | Endosulfan sulfate | ug/L | | | | | | | | | | | | | 0.1 | U | 0.095 | U | | |
| 53494-70-5 | Endrin ketone | ug/L | | | | | | | | | | | | | 0.1 | U | 0.095 | U | | |
| 8001-35-2 | Toxaphene | ug/L | | | | | | | | | | | | | 5 | U | 4.7 | U | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code / Sample Date / Location / Unit \\ | CDM-MW-116DS-112205 11/22/2005 MW-116DS | | MW-116DS-112205 11/22/2005 MW-116DS | | RPD <50 | ABS <CRQL | CDM-MW-116B-112205 11/23/2005 MW-116B | | MW-116B-112305 11/22/2005 MW-116B | | RPD <50 | ABS <CRQL | CDM-MW-103-022006 2/20/2006 MW-103 | | MW-103-022006 2/20/2006 MW-103 | | RPD <50 | ABS <CRQL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **5-METALS-W** | **Inorganic Analytes** | | | | | | | | | | | | | | | | | | | |
| 7440-22-4 | Silver | ug/L | 10 | U | | | | | 10 | U | | | | | 10 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 200 | U | | | | | 794 | | | | | | 4500 | | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 1.9 | J | NC | 8.1 | 10 | U | 4.5 | | NC | 5.5 | 1800 | | 1780 | | 1.1 | NA |
| 7440-39-3 | Barium | ug/L | 18 | J | | | | | 157 | J | | | | | 200 | U | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | | 0.06 | J | | | | | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 113001 | | | | | | 141000 | | | | | | 160000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | | 5 | U | | | | | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 50 | U | | | | | 1.1 | J | | | | | 50 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 3 | J | | | | | 6.6 | J | | | | | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 25 | U | | | | | 7 | J | | | | | 85 | | | | | |
| 7439-89-6 | Iron | ug/L | 239 | | | | | | 11800 | | | | | | 39000 | | | | | |
| 7440-09-7 | Potassium | ug/L | 8850 | J | | | | | 12100 | J | | | | | 5000 | U | | | | |
| 7439-95-4 | Magnesium | ug/L | 88000 | | | | | | 18400 | | | | | | 51000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 3350 | | | | | | 1080 | | | | | | 1100 | | | | | |
| 7440-23-5 | Sodium | ug/L | 156000 | | | | | | 62700 | | | | | | 100000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 40 | U | | | | | 2.8 | J | | | | | 40 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | R | 0.29 | J | | | 5.8 | R | 14.9 | | | | 10 | U | 1.7 | | NC | 8.3 |
| 7440-36-0 | Antimony | ug/L | 60 | U | | | | | 60 | U | | | | | 60 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | | 35 | U | | | | | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | | 25 | U | | | | | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 1 | J | | | | | 2.7 | J | | | | | 50 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 2.7 | J | | | | | 23.4 | J | | | | | 390 | | | | | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Total Dup-pairs | 341 | Dup-pairs | 1 | Dup-pairs | 1 | Dup-pairs | 42 |
| Total Failed | 14 | Failed Criteria | 0 | Failed Criteria | 0 | Failed Criteria | 2 |
| % Failed of Total | 4.11% | % Failed | 0.00% | % Failed | 0.00% | % Failed | 4.76% |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-103A-022006<br>2/20/2006<br>MW-103A | | MW-103A-022006<br>2/20/2006<br>MW-103A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|
| **VOCs** | **Volatile Organic Compounds** | | | | | | | |
| 75-71-8 | Dichlorodifluoromethane | ug/L | 63 | U | 50 | U | | |
| 74-87-3 | Chloromethane | ug/L | 63 | U | 50 | U | | |
| 75-01-4 | Vinyl Chloride | ug/L | 63 | U | 50 | U | | |
| 74-83-9 | Bromomethane | ug/L | 63 | U | 50 | U | | |
| 75-00-3 | Chloroethane | ug/L | 63 | U | 50 | U | | |
| 75-69-4 | Trichlorofluoromethane | ug/L | 63 | U | 50 | U | | |
| 75-35-4 | 1,1-Dichloroethene | ug/L | 63 | U | 50 | U | | |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | ug/L | 63 | U | 50 | U | | |
| 67-64-1 | Acetone | ug/L | 130 | U | 500 | UJ | | |
| 75-15-0 | Carbon Disulfide | ug/L | 63 | U | 11 | J | NC | 52 |
| 79-20-9 | Methyl Acetate | ug/L | 63 | U | 100 | U | | |
| 75-09-2 | Methylene Chloride | ug/L | 63 | U | 50 | U | | |
| 156-60-5 | trans-1,2-Dichloroethene | ug/L | 63 | U | 50 | U | | |
| 1634-04-4 | Methyl tert-Butyl Ether | ug/L | 63 | U | 50 | U | | |
| 75-34-3 | 1,1-Dichloroethane | ug/L | 63 | U | 50 | U | | |
| 156-59-2 | cis-1,2-Dichloroethene | ug/L | 63 | U | 50 | U | | |
| 78-93-3 | 2-Butanone | ug/L | 130 | U | 500 | U | | |
| 67-66-3 | Chloroform | ug/L | 63 | U | 50 | U | | |
| 71-55-6 | 1,1,1-Trichloroethane | ug/L | 63 | U | 50 | U | | |
| 110-82-7 | Cyclohexane | ug/L | 63 | U | 50 | U | | |
| 56-23-5 | Carbon Tetrachloride | ug/L | 63 | U | 50 | U | | |
| 71-43-2 | Benzene | ug/L | 120 | | 140 | | 15.4 | NA |
| 107-06-2 | 1,2-Dichloroethane | ug/L | 63 | U | 50 | U | | |
| 79-01-6 | Trichloroethene | ug/L | 63 | U | 50 | U | | |
| 108-87-2 | Metylcyclohexane | ug/L | 63 | U | 50 | U | | |
| 78-87-5 | 1,2-Dichloropropane | ug/L | 63 | U | 50 | U | | |
| 75-27-4 | Bromodichloromethane | ug/L | 63 | U | 50 | U | | |
| 10061-01-5 | cis-1,3-Dichloropropene | ug/L | 63 | U | 50 | U | | |
| 108-10-1 | 4-Methyl-2-pentanone | ug/L | 130 | U | 500 | U | | |
| 108-88-3 | Toluene | ug/L | 76 | | 95 | | 22.2 | NA |
| 10061-02-6 | trans-1,3-Dichloropropene | ug/L | 63 | U | 50 | U | | |
| 79-00-5 | 1,1,2-Trichloroethane | ug/L | 63 | U | 50 | U | | |
| 127-18-4 | Tetrachloroethene | ug/L | 63 | U | 50 | U | | |
| 591-78-6 | 2-Hexanone | ug/L | 130 | U | 500 | U | | |
| 124-48-1 | Dibromochloromethane | ug/L | 63 | U | 50 | U | | |
| 106-93-4 | 1,2-Dibromoethane | ug/L | 63 | U | 50 | U | | |
| 108-90-7 | Chlorobenzene | ug/L | 63 | U | 50 | U | | |
| 100-41-4 | Ethylbenzene | ug/L | 800 | | 970 | | 19.2 | NA |
| 100-42-5 | Styrene | ug/L | 63 | U | 50 | UJ | | |
| 75-25-2 | Bromoform | ug/L | 63 | U | 50 | U | | |
| 98-82-8 | Isopropylbenzene | ug/L | 81 | | 110 | | 30.4 | NA |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | ug/L | 63 | U | 50 | U | | |
| 541-73-1 | 1,3-Dichlorobenzene | ug/L | 63 | U | 50 | U | | |
| 106-46-7 | 1,4-Dichlorobenzene | ug/L | 63 | U | 50 | U | | |
| 95-50-1 | 1,2-Dichlorobenzene | ug/L | 63 | U | 50 | U | | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | ug/L | 63 | U | 200 | U | | |
| 120-82-1 | 1,2,4-Trichlorobenzene | ug/L | 63 | U | 50 | U | | |
| 87-61-6 | 1,2,3-Trichlorobenzene | ug/L | 63 | U | | | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-103A-022006<br>2/20/2006<br>MW-103A | | MW-103A-022006<br>2/20/2006<br>MW-103A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | |
| 100-52-7 | Benzaldehyde | ug/L | 9 | U | 5 | U | | |
| 108-95-2 | Phenol | ug/L | 9 | U | 5 | U | | |
| 111-44-4 | bis(2-Chloroethyl) ether | ug/L | 9 | U | 5 | U | | |
| 95-57-8 | 2-Chlorophenol | ug/L | 9 | U | 5 | U | | |
| 95-48-7 | 2-Methylphenol | ug/L | 57 | | 61 | | 6.8 | NA |
| 98-86-2 | Acetophenone | ug/L | 8 | J | 5 | U | NC | NA |
| 106-44-5 | 4-Methylphenol | ug/L | 16 | | 14 | | 13.3 | NA |
| 621-64-7 | n-Nitroso-di-n-propylamine | ug/L | 9 | U | 5 | U | | |
| 67-72-1 | Hexachloroethane | ug/L | 9 | U | 5 | U | | |
| 98-95-3 | Nitrobenzene | ug/L | 9 | U | 5 | U | | |
| 78-59-1 | Isophorone | ug/L | 9 | U | 5 | U | | |
| 88-75-5 | 2-Nitrophenol | ug/L | 9 | U | 5 | U | | |
| 105-67-9 | 2,4-Dimethylphenol | ug/L | 67 | | 85 | | 23.7 | NA |
| 111-91-1 | bis(2-Chloroethoxy)methane | ug/L | 9 | U | 5 | U | | |
| 120-83-2 | 2,4-Dichlorophenol | ug/L | 9 | U | 5 | U | | |
| 91-20-3 | Naphthalene | ug/L | 14000 | | 11000 | | 24.0 | NA |
| 106-47-8 | 4-Chloroaniline | ug/L | 9 | U | 5 | U | | |
| 87-68-3 | Hexachlorobutadiene | ug/L | 9 | U | 5 | U | | |
| 105-60-2 | Caprolactam | ug/L | 9 | U | 14 | U | | |
| 59-50-7 | 4-Chloro-3-methylphenol | ug/L | 9 | U | 5 | U | | |
| 91-57-6 | 2-Methylnaphthalene | ug/L | 1300 | J | 1000 | | 26.1 | NA |
| 77-47-4 | Hexachlorocyclopentadiene | ug/L | 9 | U | 14 | U | | |
| 88-06-2 | 2,4,6-Trichlorophenol | ug/L | 9 | UJ | 5 | U | | |
| 95-95-4 | 2,4,5-Trichlorophenol | ug/L | 9 | UJ | 5 | U | | |
| 92-52-4 | 1,1'-Biphenyl | ug/L | 110 | | 110 | | 0.0 | NA |
| 91-58-7 | 2-Chloronaphthalene | ug/L | 9 | U | 5 | U | | |
| 88-74-4 | 2-Nitroaniline | ug/L | 18 | U | 5 | U | | |
| 131-11-3 | Dimethylphthalate | ug/L | 9 | U | 5 | U | | |
| 208-96-8 | Acenaphthylene | ug/L | 3 | J | 5 | | NA | 2 |
| 606-20-2 | 2,6-Dinitrotoluene | ug/L | 9 | U | 5 | U | | |
| 99-09-2 | 3-Nitroaniline | ug/L | 18 | U | 5 | U | | |
| 83-32-9 | Acenaphthene | ug/L | 220 | J | 170 | | 25.6 | NA |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-103A-022006<br>2/20/2006<br>MW-103A | | MW-103A-022006<br>2/20/2006<br>MW-103A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|
| **SVOCs** | **Semi-Volatile Organic Compounds** | | | | | | | |
| 51-28-5 | 2,4-Dinitrophenol | ug/L | 18 | U | 57 | U | | |
| 100-02-7 | 4-Nitrophenol | ug/L | 18 | U | 28 | U | | |
| 132-64-9 | Dibenzofuran | ug/L | 61 | | 61 | | 0.0 | NA |
| 121-14-2 | 2,4-Dinitrotoluene | ug/L | 9 | U | 5 | U | | |
| 86-73-7 | Fluorene | ug/L | 88 | | 90 | | 2.2 | NA |
| 84-66-2 | Diethylphthalate | ug/L | 9 | U | 5 | U | | |
| 7005-72-3 | 4-Chlorophenyl-phenylether | ug/L | 9 | U | 5 | U | | |
| 100-01-6 | 4-Nitroaniline | ug/L | 18 | U | 5 | U | | |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | ug/L | 18 | U | 14 | U | | |
| 86-30-6 | n-Nitrosodiphenylamine | ug/L | 9 | U | 5 | U | | |
| 101-55-3 | 4-Bromophenyl-phenylether | ug/L | 9 | U | 5 | U | | |
| 118-74-1 | Hexachlorobenzene | ug/L | 9 | U | 5 | U | | |
| 1912-24-9 | Atrazine | ug/L | 9 | U | 5 | U | | |
| 87-86-5 | Pentachlorophenol | ug/L | 18 | UJ | 14 | U | | |
| 85-01-8 | Phenanthrene | ug/L | 68 | | 72 | | 5.7 | NA |
| 120-12-7 | Anthracene | ug/L | 12 | | 12 | | 0.0 | NA |
| 86-74-8 | Carbazole | ug/L | 77 | | 64 | | 18.4 | NA |
| 84-74-2 | Di-n-butylphthalate | ug/L | 9 | U | 5 | U | | |
| 206-44-0 | Fluoranthene | ug/L | 5 | J | 4 | J | NA | 1 |
| 129-00-0 | Pyrene | ug/L | 3 | J | 3 | J | NA | 0 |
| 85-68-7 | Butylbenzylphthalate | ug/L | 9 | U | 5 | U | | |
| 91-94-1 | 3,3'-Dichlorobenzidine | ug/L | 9 | U | 5 | U | | |
| 56-55-3 | Benzo(a)anthracene | ug/L | 9 | U | 5 | U | | |
| 218-01-9 | Chrysene | ug/L | 9 | U | 5 | U | | |
| 117-81-7 | bis(2-Ethylhexyl) phthalate | ug/L | 9 | U | 5 | U | | |
| 117-84-0 | Di-n-octylphthalate | ug/L | 9 | U | 5 | U | | |
| 205-99-2 | Benzo(b)fluoranthene | ug/L | 9 | U | 5 | U | | |
| 207-08-9 | Benzo(k)fluoranthene | ug/L | 9 | U | 5 | U | | |
| 50-32-8 | Benzo(a)pyrene | ug/L | 9 | U | 5 | U | | |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | ug/L | 9 | U | 5 | U | | |
| 53-70-3 | Dibenz(a,h)anthracene | ug/L | 9 | U | 5 | U | | |
| 191-24-2 | Benzo(g,h,i)perylene | ug/L | 9 | U | 5 | U | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-103A-022006<br>2/20/2006<br>MW-103A | | MW-103A-022006<br>2/20/2006<br>MW-103A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|
| **Pests / PCBs** | **Pesticides** | | | | | | | |
| 12674-11-2 | Aroclor-1016 | ug/L | 1 | U | 0.47 | U | | |
| 11104-28-2 | Aroclor-1221 | ug/L | 1 | U | 0.47 | U | | |
| 11141-16-5 | Aroclor-1232 | ug/L | 1 | U | 0.47 | U | | |
| 53469-21-9 | Aroclor-1242 | ug/L | 1 | U | 0.47 | U | | |
| 12672-29-6 | Aroclor-1248 | ug/L | 1 | U | 0.47 | U | | |
| 11097-69-1 | Aroclor-1254 | ug/L | 1 | U | 0.47 | U | | |
| 11096-82-5 | Aroclor-1260 | ug/L | 1 | U | 0.47 | U | | |
| 319-84-6 | alpha-BHC | ug/L | 0.06 | | 0.0095 | U | NC | 0.05 |
| 58-89-9 | gamma-BHC (Lindane) | ug/L | 0.05 | U | 0.0095 | U | | |
| 319-85-7 | beta-BHC | ug/L | 0.037 | R | 0.038 | U | | |
| 319-86-8 | delta-BHC | ug/L | 0.05 | U | 0.0095 | U | | |
| 76-44-8 | Heptachlor | ug/L | 0.05 | U | 0.0095 | U | | |
| 309-00-2 | Aldrin | ug/L | 0.05 | U | 0.019 | U | | |
| 1024-57-3 | Heptachlor epoxide | ug/L | 0.12 | R | 0.0095 | U | | |
| 5103-74-2 | gamma-Chlordane | ug/L | 0.05 | U | 0.095 | U | | |
| 5103-71-9 | alpha-Chlordane | ug/L | 0.1 | | 0.0095 | U | NC | 0.09 |
| 959-98-8 | Endosulfan I | ug/L | 0.05 | U | 0.018 | J | NC | 0.03 |
| 72-55-9 | 4,4'-DDE | ug/L | 0.1 | U | 0.055 | | NC | 0.05 |
| 60-57-1 | Dieldrin | ug/L | 0.1 | U | 0.028 | U | | |
| 72-20-8 | Endrin | ug/L | 0.1 | U | 0.019 | U | | |
| 72-54-8 | 4,4'-DDD | ug/L | 0.1 | U | 0.019 | U | | |
| 33213-65-9 | Endosulfan II | ug/L | 0.1 | U | 0.0071 | J | NC | 0.09 |
| 50-29-3 | 4,4'-DDT | ug/L | 0.1 | U | 0.0089 | J | NC | 0.09 |
| 7421-93-4 | Endrin aldehyde | ug/L | 0.1 | U | 0.095 | U | | |
| 72-43-5 | Methoxychlor | ug/L | 0.5 | U | 0.095 | U | | |
| 1031-07-8 | Endosulfan sulfate | ug/L | 0.1 | U | 0.019 | U | | |
| 53494-70-5 | Endrin ketone | ug/L | 0.1 | U | 0.019 | U | | |
| 8001-35-2 | Toxaphene | ug/L | 5 | U | 0.95 | U | | |

Table 2a
Groundwater Split Samples
Group 1 (contains pesticide analysis)
Quanta Resources Site

| Cas Rn | Chemical Name | Sample Code<br>Sample Date<br>Location<br>Unit \\ | CDM-MW-103A-022006<br>2/20/2006<br>MW-103A | | MW-103A-022006<br>2/20/2006<br>MW-103A | | RPD<br><50 | ABS<br><CRQL |
|---|---|---|---|---|---|---|---|---|
| **5-METALS-W** | **Inorganic Analytes** | | | | | | | |
| 7440-22-4 | Silver | ug/L | 10 | U | | | | |
| 7429-90-5 | Aluminum | ug/L | 200 | U | | | | |
| 7440-38-2 | Arsenic | ug/L | 10 | U | 2.4 | | NC | 7.6 |
| 7440-39-3 | Barium | ug/L | 200 | U | | | | |
| 7440-41-7 | Beryllium | ug/L | 5 | U | | | | |
| 7440-70-2 | Calcium | ug/L | 130000 | | | | | |
| 7440-43-9 | Cadmium | ug/L | 5 | U | | | | |
| 7440-48-4 | Cobalt | ug/L | 50 | U | | | | |
| 7440-47-3 | Chromium | ug/L | 10 | U | | | | |
| 7440-50-8 | Copper | ug/L | 25 | U | | | | |
| 7439-89-6 | Iron | ug/L | 1200 | | | | | |
| 7440-09-7 | Potassium | ug/L | 5000 | U | | | | |
| 7439-95-4 | Magnesium | ug/L | 12000 | | | | | |
| 7439-96-5 | Manganese | ug/L | 710 | | | | | |
| 7440-23-5 | Sodium | ug/L | 11000 | | | | | |
| 7440-02-0 | Nickel | ug/L | 40 | U | | | | |
| 7439-92-1 | Lead | ug/L | 10 | U | 0.56 | J | NC | 9.44 |
| 7440-36-0 | Antimony | ug/L | 60 | U | | | | |
| 7782-49-2 | Selenium | ug/L | 35 | U | | | | |
| 7440-28-0 | Thallium | ug/L | 25 | U | | | | |
| 7440-62-2 | Vanadium | ug/L | 50 | U | | | | |
| 7440-66-6 | Zinc | ug/L | 60 | U | | | | |

| | | | |
|---|---|---|---|
| Total Dup-pairs | 341 | Dup-pairs | 29 |
| Total Failed | 14 | Failed Criteria | 0 |
| % Failed of Total | 4.11% | % Failed | 0.00% |