




| GROUND ENGINEERING Geo-Environmental Specialists 01733 566566 | | | Site: BOAL QUAY, KING'S LYNN | | TRIAL PIT TP26 | | |
|---|------|--------|--|--|---|---------|--------------|
| Date: 06/03/08 | | | Pit Size: 2.50m L x 1.00m W x 3.00m D. | | 561981 mE 319019 mN Ground Level: 4.21m. O.D. | | |
| Samples and in-situ Tests | | | (Date) | Description of Strata | Legend | Depth m | O.D. Level m |
| Depth m | Type | Result | Water | | | | |
| 0.30 | E1 | | | MADE GROUND - Brown and black, clayey, gravelly SAND, with occasional cobbles. Gravel and cobbles of angular to sub-rounded brick, concrete, ash, flint, coal and ash. |  | | |
| 0.60 | D1 | | | | | | |
| 0.90 | D2 | | | | | | |
| 1.20 | D3 | | | Medium dense, brown and grey sandy SILT with occasional clay partings. |  | 1.40 | 2.81 |
| 1.50 | E2 | | | | | | |
| 1.80 | D4 | | | | | | |
| 2.00-2.08 | MP1 | 100 | | | | | |
| 2.10 | D5 | | | Soft, grey and black mottled, sandy CLAY with occasional silt partings. |  | 2.50 | 1.71 |
| 2.40 | D6 | | | | | | |
| 2.70 | D7 | | | | | | |
| 2.80 | V1 | (27) | | Pit completed at 3.00m depth | | 3.00 | 1.21 |
| | | | | | | | |

- KEY**
- D - Disturbed Sample
 - B - Bulk Sample
 - U - Undisturbed Sample
 - R - Root Sample
 - W - Water Sample
 - J - Jar Sample
 - ∇ - Water Strike
 - ∇ - Water Rise
 - ∇c - Level on completion
 - MP - Mackintosh Probe
 - P () - Hand Penetrometer
 - Cohesion () kPa
 - V - Vane Shear Test
 - Cohesion () kPa

- REMARKS**
1. Pit dry during and on completion of excavation
 2. Pit sides stable during and on completion of excavation
 3. Live roots observed to 1.10m depth
 4. E denotes environmental sample

| | |
|---------------------|-------------|
| Project No 11401 | |
| Scale 1:25 | Page 1/1 |

LABORATORY TEST REPORT

Results of analysis of 32 samples
 received 10 March 2008

Report Date
 17 March 2008

Boal Quay

| Login Batch No | | | | | 38201 | | | | | | | |
|----------------------|----------------------------|---------------------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Chemtest LIMS ID | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| Sample ID | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| Sample No | | | | | | | | | | | | |
| Depth | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| Matrix | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| SOP↓ | Determinand↓ | CAS No↓ | Units↓ | | | | | | | | | |
| 2300 | Cyanide (total) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | 0.6 | < 0.5 | < 0.5 |
| 2310 | Cyanide (free) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2410 | Ammonium (extractable) | 7664417 | mg kg ⁻¹ | M | 23 | 90 | 4.1 | 4.1 | 1.9 | 1.6 | 2.9 | 1.1 |
| 2625 | Total Organic Carbon | | % | M | 1.6 | 1.9 | 6.5 | 0.74 | 22 | 0.57 | 1.8 | 0.88 |
| 2230 | Nitrate (extractable) | 14797558 | g l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Nitrate (extractable) as N | 14797558 | g l ⁻¹ | N | | | | | | | | |
| | Nitrite (extractable) | 14797650 | mg kg ⁻¹ | N | 0.046 | 0.072 | 0.17 | 0.054 | 0.17 | 0.024 | 0.62 | 0.066 |
| | Nitrite (extractable) as N | 14797650 | mg kg ⁻¹ | N | 0.02 | 0.02 | 0.06 | 0.02 | 0.06 | <0.01 | 0.20 | 0.02 |
| 2450 | Arsenic | 7440382 | mg kg ⁻¹ | M | 15 | 18 | 46 | 9.9 | 18 | 5.7 | 24 | 9.0 |
| | Barium | 7440393 | mg kg ⁻¹ | M | 120 | 110 | 200 | 110 | 230 | 130 | 78 | 72 |
| | Beryllium | 7440417 | mg kg ⁻¹ | | <1 | <1 | 1.5 | <1 | 3.1 | <1 | <1 | <1 |
| | Vanadium | 7440622 | mg kg ⁻¹ | M | 37 | 40 | 74 | 34 | 50 | 26 | 32 | 29 |
| | Cadmium | 7440439 | mg kg ⁻¹ | M | 0.24 | 0.20 | 0.78 | 0.17 | <0.1 | <0.1 | 0.40 | <0.1 |
| | Chromium | 7440473 | mg kg ⁻¹ | M | 29 | 33 | 44 | 26 | 23 | 19 | 21 | 22 |
| | Copper | 7440508 | mg kg ⁻¹ | M | 26 | 21 | 300 | 11 | 130 | 8.0 | 25 | 8.3 |
| | Mercury | 7439976 | mg kg ⁻¹ | M | 0.25 | 0.63 | 0.91 | <0.1 | 0.14 | <0.1 | 0.28 | <0.1 |
| | Nickel | 7440020 | mg kg ⁻¹ | M | 24 | 24 | 41 | 23 | 25 | 17 | 15 | 19 |
| | Lead | 7439921 | mg kg ⁻¹ | M | 67 | 98 | 260 | 18 | 130 | 12 | 56 | 16 |
| | Selenium | 7782492 | mg kg ⁻¹ | M | <0.2 | <0.2 | 0.63 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| | Zinc | 7440666 | mg kg ⁻¹ | M | 99 | 120 | 250 | 75 | 86 | 35 | 68 | 40 |
| 2675 | TPH aliphatic >C5-C6 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C6-C8 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C8-C10 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C10-C12 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C12-C16 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C16-C21 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C21-C35 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aromatic >C5-C7 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aromatic >C7-C8 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| TPH aromatic >C8-C10 | | mg kg ⁻¹ | N | | | <0.1 | | | | | | |

LABORATORY TEST REPORT

Results of analysis of 32 samples
received 10 March 2008

Report Date
17 March 2008

FAO Sasha Layton

Boal Quay

| | | | | 38201 | | | | | | | |
|------|------------------------------|--------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2675 | TPH aromatic >C10-C12 | | mg kg ⁻¹ | | | <0.1 | | | | | |
| | TPH aromatic >C12-C16 | | mg kg ⁻¹ | | | 2.4 | | | | | |
| | TPH aromatic >C16-C21 | | mg kg ⁻¹ | | | 21 | | | | | |
| | TPH aromatic >C21-C35 | | mg kg ⁻¹ | | | 57 | | | | | |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | | | 80 | | | | | |
| 2676 | TPH >C5-C6 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C6-C7 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C7-C8 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C8-C10 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | 4.2 | 0.8 | <0.1 | <0.1 |
| | TPH >C10-C12 | | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.1 | <0.1 | 1.3 | <0.1 | <0.1 |
| | TPH >C12-C16 | | mg kg ⁻¹ | M | 1.5 | 2.5 | 2.5 | 0.7 | 5.8 | 1.8 | 1.3 |
| | TPH >C16-C21 | | mg kg ⁻¹ | M | 2.8 | 4.2 | 7.9 | 0.9 | 12 | 1.7 | 2.4 |
| | TPH >C21-C35 | | mg kg ⁻¹ | M | 6.6 | 13 | 25 | 4.1 | 140 | 2.3 | 13 |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | N | <20 | <20 | 36 | <20 | 160 | <20 | <20 |
| 2700 | Naphthalene | 91203 | mg kg ⁻¹ | M | 0.2 | 0.3 | 2.7 | <0.1 | 7.2 | <0.1 | <0.1 |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | M | 0.2 | 0.3 | 1.6 | <0.1 | 3 | <0.1 | <0.1 |
| | Acenaphthene | 83329 | mg kg ⁻¹ | M | 0.2 | 0.3 | 0.6 | <0.1 | 0.9 | <0.1 | 0.3 |
| | Fluorene | 86737 | mg kg ⁻¹ | M | <0.1 | 0.2 | 0.5 | <0.1 | 0.6 | <0.1 | <0.1 |
| | Phenanthrene | 85018 | mg kg ⁻¹ | M | 0.4 | 0.9 | 4.7 | <0.1 | 5.5 | <0.1 | 0.4 |
| | Anthracene | 120127 | mg kg ⁻¹ | M | 0.2 | 0.4 | 2.1 | <0.1 | 2.2 | <0.1 | 0.1 |
| | Fluoranthene | 206440 | mg kg ⁻¹ | M | 0.6 | 1.8 | 11 | <0.1 | 8 | <0.1 | 0.8 |
| | Pyrene | 129000 | mg kg ⁻¹ | M | 0.5 | 1.6 | 9.5 | <0.1 | 6.3 | <0.1 | 0.8 |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | M | 0.3 | 1.1 | 7.5 | <0.1 | 3.9 | <0.1 | 0.5 |
| | Chrysene | 218019 | mg kg ⁻¹ | M | 0.3 | 1.2 | 8.4 | <0.1 | 4.9 | <0.1 | 0.6 |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | M | 0.3 | 1 | 7.7 | <0.1 | 4.8 | <0.1 | 0.6 |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | M | 0.3 | 0.7 | 6.6 | <0.1 | 3.6 | <0.1 | 0.4 |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | M | 0.3 | 1 | 8.1 | <0.1 | 5.4 | <0.1 | 0.6 |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | M | <0.1 | 0.2 | 2.5 | <0.1 | 0.4 | <0.1 | 0.2 |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | M | 0.4 | 1 | 7.6 | <0.1 | 1.3 | <0.1 | 0.4 |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | M | 0.3 | 0.9 | 7.1 | <0.1 | 1.4 | <0.1 | 0.3 |
| | Total (of 16) PAHs | | mg kg ⁻¹ | M | 4.2 | 13 | 88 | <2 | 59 | <2 | 5.6 |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 4 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|---------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | Dichlorodifluoromethane | 75718 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Chloromethane | 74873 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Vinyl chloride | 75014 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Bromomethane | 74839 | µg kg ⁻¹ | U | | | <20 | | | | | |
| | Chloroethane | 75003 | µg kg ⁻¹ | U | | | <2 | | | | | |
| | Trichlorofluoromethane | 75694 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,1-Dichloroethene | 75354 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Dichloromethane | 75092 | µg kg ⁻¹ | U | | | ne | | | | | |
| | trans-1,2-Dichloroethene | 156605 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,1-Dichloroethane | 75343 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | cis-1,2-Dichloroethene | 156592 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Bromochloromethane | 74975 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Trichloromethane | 67663 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,1,1-Trichloroethane | 71556 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Tetrachloromethane | 56235 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,1-Dichloropropene | 563586 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Benzene | 71432 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,2-Dichloroethane | 107062 | µg kg ⁻¹ | M | | | <2 | | | | | |
| | Trichloroethene | 79016 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dichloropropane | 78875 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Dibromomethane | 74953 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | Bromodichloromethane | 75274 | µg kg ⁻¹ | U | | | <5 | | | | | |
| | cis-1,3-Dichloropropene | 10061015 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | Toluene | 108883 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | trans-1,3-Dichloropropene | 10061026 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | 1,1,2-Trichloroethane | 79005 | µg kg ⁻¹ | M | | | <10 | | | | | |
| | Tetrachloroethene | 127184 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,3-Dichloropropane | 142289 | µg kg ⁻¹ | U | | | <2 | | | | | |
| | Dibromochloromethane | 124481 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | 1,2-Dibromoethane | 106934 | µg kg ⁻¹ | U | | | <5 | | | | | |
| | Chlorobenzene | 108907 | µg kg ⁻¹ | M | | | <1 | | | | | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 5 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|-----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | 1,1,1,2-Tetrachloroethane | 630206 | µg kg ⁻¹ | M | | | <2 | | | | | |
| | Ethylbenzene | 100414 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | m- & p-Xylene | 1330207 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | o-Xylene | 95476 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Styrene | 100425 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Tribromomethane | 75252 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | Isopropylbenzene | 98828 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Bromobenzene | 108861 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,1,2,2-Tetrachloroethane | 79345 | µg kg ⁻¹ | M | | | <10 | | | | | |
| | 1,2,3-Trichloropropane | 96184 | µg kg ⁻¹ | U | | | <50 | | | | | |
| | n-Propylbenzene | 103651 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 2-Chlorotoluene | 95498 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,3,5-Trimethylbenzene | 108678 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 4-Chlorotoluene | 106434 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | tert-Butylbenzene | 98066 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2,4-Trimethylbenzene | 95636 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | sec-Butylbenzene | 135988 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,3-Dichlorobenzene | 541731 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 4-Isopropyltoluene | 99876 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,4-Dichlorobenzene | 106467 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | n-Butylbenzene | 104518 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dichlorobenzene | 95501 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dibromo-3-chloropropane | 96128 | µg kg ⁻¹ | U | | | <50 | | | | | |
| | 1,2,4-Trichlorobenzene | 120821 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Hexachlorobutadiene | 87683 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2,3-Trichlorobenzene | 87616 | µg kg ⁻¹ | U | | | <2 | | | | | |
| 2790 | N-Nitrosodimethylamine | 62759 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Phenol | 108952 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | bis(2-Chloroethyl)ether | 111444 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Chlorophenol | 95578 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 1,3-Dichlorobenzene | 541731 | mg kg ⁻¹ | N | | | <0.5 | | | | | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 6 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
 17 March 2008

Results of analysis of 32 samples
 received 10 March 2008

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|-----------------------------|--------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | 1,4-Dichlorobenzene | 106467 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 1,2-Dichlorobenzene | 95501 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Methylphenol | 95487 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | bis(2-Chloroisopropyl)ether | 108601 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Methylphenol | 106445 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | N-Nitrosodi-n-propylamine | 621647 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachloroethane | 67721 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Nitrobenzene | 98953 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Isophorone | 78591 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Nitrophenol | 88755 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4-Dimethylphenol | 105679 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | bis(2-Chloroethoxy)methane | 111911 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4-Dichlorophenol | 120832 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 1,2,4-Trichlorobenzene | 120821 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Naphthalene | 91203 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Chloroaniline | 106478 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachlorobutadiene | 87683 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Chloro-3-methylphenol | 59507 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Methylnaphthalene | 91576 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachlorocyclopentadiene | 77474 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4,6-Trichlorophenol | 88062 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4,5-Trichlorophenol | 95954 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Chloronaphthalene | 91587 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Nitroaniline | 88744 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Dimethylphthalate | 131113 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,6-Dinitrotoluene | 606202 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 3-Nitroaniline | 99092 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Acenaphthene | 83329 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Dibenzofuran | 132649 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4-Dinitrotoluene | 121142 | mg kg ⁻¹ | N | | | <0.5 | | | | | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 7 of 9

Report sample ID range AC83085 to AC83116

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Report Date
 17 March 2008

Results of analysis of 32 samples
 received 10 March 2008

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | Diethylphthalate | 84662 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Fluorene | 86737 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Chlorophenylether | 7005723 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Nitroaniline | 100016 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Methyl-4,6-dinitrophenol | 534521 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Azobenzene | 103333 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Bromophenylphenylether | 101553 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachlorobenzene | 118741 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Pentachlorophenol | 87865 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Phenanthrene | 85018 | mg kg ⁻¹ | N | | | 1.7 | | | | | |
| | Anthracene | 120127 | mg kg ⁻¹ | N | | | 0.5 | | | | | |
| | Carbazole | 86748 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Di-n-butylphthalate | 84742 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Fluoranthene | 206440 | mg kg ⁻¹ | N | | | 6.7 | | | | | |
| | Pyrene | 129000 | mg kg ⁻¹ | N | | | 5.9 | | | | | |
| | Butylbenzylphthalate | 85687 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | N | | | 3.4 | | | | | |
| | Chrysene | 218019 | mg kg ⁻¹ | N | | | 2.9 | | | | | |
| | bis(2-Ethylhexyl)phthalate | 117817 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Di-n-octylphthalate | 117840 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | N | | | 4.0 | | | | | |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | N | | | 3.1 | | | | | |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | N | | | 3.3 | | | | | |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | N | | | 1.7 | | | | | |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | N | | | 2.2 | | | | | |
| 2920 | Catechols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Phenol | 108952 | mg kg ⁻¹ | M | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Cresols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Xylenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Naphthols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

LABORATORY TEST REPORT

Report Date
 17 March 2008

Results of analysis of 32 samples
 received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | 38201 | | | | | | | | |
|------|-----------------------------|--|---------------------|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 | |
| | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 | |
| | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 | |
| | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | |
| 2920 | Trimethyl phenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Phenols (total) | | mg kg ⁻¹ | U | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 |
| 2010 | pH | | - | M | 7.9 | 8.3 | 7.7 | 8.1 | 9.6 | 9.0 | 8.1 | 7.8 |
| 2030 | Moisture | | % | n/a | 26.1 | 35.2 | 13.2 | 15.5 | 6.99 | 20.5 | 14.6 | 22.7 |
| | Stone content (as received) | | % | n/a | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| 2140 | Soil colour | | | n/a | brown | brown | brown | brown | black | brown | brown | brown |
| | Soil texture | | | n/a | clay | clay | sand | sand | sand | clay | clay | clay |
| | Other material | | | n/a | none | none | stones | none | stones | none | none | none |
| 2186 | Asbestos (presence/absence) | | - | N | not detected | not detected | not detected | not detected | not detected | not detected | not detected | not detected |

| | | | | | | | | |
|--|-----------|--------|-------------------------------------|---|--------|------------|---------------------------------------|--|
| GROUND ENGINEERING Geo-Environmental Specialists 01733 566566 | | | Site: BOAL QUAY, KING'S LYNN | | | | TRIAL PIT TP28 | |
| | | | Date: 06/03/08 | Pit Size: 2.50m L x 0.60m W x 3.00m D. | | | Ground Level: 561976-319013m. O.D. | |
| Samples and in-situ Tests | | | (Date) Water | Description of Strata | Legend | Depth m | O.D. Level m | |
| Depth m | Type | Result | | | | | | |
| 0.30 | E1 | | | MADE GROUND - Firm, friable, brown, slightly gravelly, slightly sandy CLAY. Gravel of angular to sub-rounded brick, glass, ash and flint. | | 0.50 | -0.50 | |
| 0.60 | D1 | | | Medium dense, brown, orange-brown and dark brown, sandy SILT with occasional clay seams. | | | | |
| 0.90 | D2 | | | | | | | |
| 1.20 1.20-1.24 | D3 MP1 | 100 | | | | | | |
| 1.50 | E2 | | | | | | | |
| 1.80 | D4 | | | | | | | |
| 2.00-2.11 2.10 | MP2 D5 | 100 | | | | | | |
| 2.40 | D6 | | | | | | | |
| 2.70 | D7 | | ∇ | | | | | |
| 3.00 | D8 | | | | | 3.00 | -3.00 | |
| | | | | Pit completed at 3.00m depth | | | | |

| | | | |
|---|---|---------------------|-------------|
| KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed Sample R - Root Sample W - Water Sample J - Jar Sample ∇ - Water Strike ∇ - Water Rise ∇ c - Level on completion MP - Mackintosh Probe P () - Hand Penetrometer Cohesion () kPa V - Vane Shear Test Cohesion () kPa | REMARKS 1. Groundwater seepage met at 2.70m depth 2. Pit sides stable during and on completion of excavation 3. Live roots observed to 1.50m depth 4. E denotes environmental sample | Project No 11401 | |
| | | Scale 1:25 | Page 1/1 |

| | | | | | | | | |
|--|----------|--------|--|---|--|---------|--|--|
| GROUND ENGINEERING Geo-Environmental Specialists 01733 566566 | | | Site: BOAL QUAY, KING'S LYNN | | | | WINDOW SAMPLE WS22 | |
| | | | Date: 06/03/08 | | Hole Size: 300mm dia to 1.20m 80mm dia to 3.00m | | 561936 mE 319084 mN Ground Level: 4.18m. O.D. | |
| Samples and in-situ Tests | | | (Date) | Description of Strata | Legend | Depth m | O.D. Level m | |
| Depth m | Type | Result | Water | | | | | |
| 0.30 | D1 | | yc ...occasional silty sand pockets below 2.00m | MADE GROUND - Dark brown and brown, slightly gravelly, slightly sandy, CLAY/SILT. Gravel of sub-angular to sub-rounded glass, brick, plastic, shell and mortar. | | 0.60 | 3.58 | |
| 0.60 0.60 | D2 E1 | | | MADE GROUND - Orange-brown and brown, slightly gravelly, slightly sandy SILT. Gravel of sub-rounded chalk, shell and clinker | | | | |
| 0.90 | D3 | | | | MADE GROUND - Soft, dark brown, black and orange-brown, slightly gravelly CLAY. Gravel of angular to sub-rounded flint, brick, mortar and shell. | 1.20 | 2.98 | |
| 1.20 1.20-2.00 | D4 U1 | | | | | | | |
| 2.00-3.00 2.00 | U2 E2 | | | | | | | |
| | | | | Borehole completed at 3.00m depth. | | 3.00 | 1.18 | |

| | | |
|--|---------------------|-------------|
| REMARKS 1. Pit excavated from 0.00m to 1.20m 2. E denotes environmental sample | Project No 11401 | |
| | Scale 1:50 | Page 1/1 |

| | | | | | | | | | |
|---|---------------------|--------|---------|------|-------|--------------------------|------|--------|-------|
| KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed Sample W - Water Sample ∇ - Water Strike ∇ - Depth to Water on completion J - Jar Sample M - Mackintosh Probe V - Vane Shear Test Cohesion () kPa P () - Hand Penetrometer Cohesion () kPa ∇s Standpipe Level | Groundwater Strikes | | | | | Groundwater Observations | | | |
| | Depth m | | | | | Date | | | |
| | No | Struck | Rose to | Rate | Cased | Sealed | Hole | Casing | Water |
| | | | | | | 06/03/08 | 3.00 | 1.70 | |

LABORATORY TEST REPORT

Results of analysis of 32 samples
 received 10 March 2008

Report Date
 17 March 2008

Boal Quay

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Depth

Matrix

SOP ↓ Determinand ↓

CAS No ↓

Units ↓

*

| | | | | | 38201 | | | | | |
|------|-----------------|----------|--------------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | | AC83111 | AC83112 | AC83113 | AC83114 | AC83115 | AC83116 |
| | | | | | BH15 | BH9 | TP20 | TP27 | WS22 | WS24 |
| | | | | | 0.6 | 0.5 | 0.3 | 0.3 | 0.6 | 0.5 |
| | | | | | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE |
| 1010 | pH | PH | - | U | 7.9 | 8.3 | 8.0 | 8.1 | 8.4 | 8.4 |
| 1300 | Cyanide (total) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1310 | Cyanide (free) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1330 | Thiocyanate | 302045 | mg l ⁻¹ | U | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1420 | Ammonium | 14798039 | mg l ⁻¹ | U | 0.07 | 0.14 | 0.14 | 0.15 | 0.29 | 0.22 |
| 1220 | Nitrate | 14797558 | mg l ⁻¹ | N | 1.6 | 1.1 | 2.4 | 2.5 | 0.57 | <0.5 |
| | Nitrate as N | 14797558 | mg l ⁻¹ | N | 0.4 | 0.3 | 0.6 | 0.6 | 0.1 | <0.1 |
| | Nitrite | 14797650 | mg l ⁻¹ | N | <0.02 | 0.023 | <0.02 | <0.02 | <0.02 | <0.02 |
| | Nitrite as N | 14797650 | mg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 1270 | Hardness | HARD_TO | mg CaCO3 l ⁻¹ | U | 66 | 50 | 78 | 90 | 55 | 65 |
| 1450 | Arsenic | 7440382 | µg l ⁻¹ | U | <1 | 1.0 | 2.0 | 19 | 7 | <1 |
| | Barium | 7440393 | µg l ⁻¹ | N | 18 | 7.2 | 14 | 11 | 7.1 | 8.7 |
| | Beryllium | 7440417 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Vanadium | 7440622 | µg l ⁻¹ | U | 1.1 | 1.5 | 2.3 | 7.1 | 2.4 | <1 |
| | Cadmium | 7440439 | µg l ⁻¹ | U | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Chromium | 7440473 | µg l ⁻¹ | U | 3.7 | 3.4 | 3.1 | 3.5 | 2.7 | 1.7 |
| | Copper | 7440508 | µg l ⁻¹ | U | <1 | <1 | 2.4 | 1.4 | 1.0 | <1 |
| | Lead | 7439921 | µg l ⁻¹ | U | <1 | <1 | 2.8 | 8.5 | 2.9 | <1 |
| | Mercury | 7439976 | µg l ⁻¹ | U | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Nickel | 7440020 | µg l ⁻¹ | U | <1 | <1 | <1 | <1 | <1 | <1 |
| | Selenium | 7782492 | µg l ⁻¹ | U | 1.3 | <1 | <1 | <1 | <1 | <1 |
| | Zinc | 7440666 | µg l ⁻¹ | U | 8.2 | <1 | 1.8 | 2.0 | 1.4 | <1 |
| 1676 | TPH >C5-C6 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C6-C7 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C7-C8 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C8-C10 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C10-C12 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C12-C16 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C16-C21 | | µg l ⁻¹ | U | <0.1 | <0.1 | 6.9 | <0.1 | <0.1 | <0.1 |
| | TPH >C21-C35 | | µg l ⁻¹ | U | <0.1 | <0.1 | 14 | <0.1 | <0.1 | <0.1 |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 1 of 9

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | 38201 | | | | | | |
|------|------------------------------|--------|--------------------|----------|----------|----------|----------|----------|----------|--------|
| | | | | AC83111 | AC83112 | AC83113 | AC83114 | AC83115 | AC83116 | |
| | | | | BH15 | BH9 | TP20 | TP27 | WS22 | WS24 | |
| | | | | 0.6 | 0.5 | 0.3 | 0.3 | 0.6 | 0.5 | |
| | | | | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE | |
| 1676 | Total Petroleum Hydrocarbons | | µg l ⁻¹ | U | <10 | <10 | 21 | <10 | <10 | <10 |
| 1700 | Naphthalene | 91203 | µg l ⁻¹ | N | <0.1 | <0.1 | 1.2 | <0.1 | <0.1 | <0.1 |
| | Acenaphthylene | 208968 | µg l ⁻¹ | N | <0.1 | <0.1 | 0.7 | <0.1 | <0.1 | <0.1 |
| | Acenaphthene | 83329 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Fluorene | 86737 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.1 | <0.1 | <0.1 | <0.1 |
| | Phenanthrene | 85018 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Anthracene | 120127 | µg l ⁻¹ | N | <0.1 | <0.1 | 0.5 | <0.1 | <0.1 | <0.1 |
| | Fluoranthene | 206440 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.5 | <0.1 | <0.1 | <0.1 |
| | Pyrene | 129000 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.6 | <0.1 | <0.1 | <0.1 |
| | Benzo[a]anthracene | 56553 | µg l ⁻¹ | N | <0.1 | <0.1 | 0.9 | <0.1 | <0.1 | <0.1 |
| | Chrysene | 218019 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Benzo[b]fluoranthene | 205992 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.8 | <0.1 | <0.1 | <0.1 |
| | Benzo[k]fluoranthene | 207089 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.4 | <0.1 | <0.1 | <0.1 |
| | Benzo[a]pyrene | 50328 | µg l ⁻¹ | N | <0.1 | <0.1 | 10 | <0.1 | <0.1 | <0.1 |
| | Dibenzo[a,h]anthracene | 53703 | µg l ⁻¹ | N | <0.1 | <0.1 | 1.2 | <0.1 | <0.1 | <0.1 |
| | Indeno[1,2,3-cd]pyrene | 193395 | µg l ⁻¹ | N | <0.1 | <0.1 | 2 | <0.1 | <0.1 | <0.1 |
| | Benzo[g,h,i]perylene | 191242 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Total (of 16) PAHs | | µg l ⁻¹ | N | <2 | <2 | 29 | <2 | <2 | <2 |
| 1920 | Catechols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Phenol | 108952 | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Cresols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Xylenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Naphthols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Trimethyl phenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Phenols (total) | | mg l ⁻¹ | N | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 |

LABORATORY TEST REPORT

Results of analysis of 32 samples
 received 10 March 2008

Report Date
 17 March 2008

Boal Quay

| Login Batch No | | | | | 38201 | | | | | | | |
|------------------|----------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Chemtest LIMS ID | | | | | AC83101 | AC83102 | AC83103 | AC83104 | AC83105 | AC83106 | AC83107 | AC83108 |
| Sample ID | | | | | TP27 | TP27 | TP28 | TP28 | WS22 | WS22 | WS23 | WS23 |
| Sample No | | | | | | | | | | | | |
| Depth | | | | | 0.3 | 0.9 | 0.3 | 1.5 | 0.6 | 2.0 | 0.6 | 1.5 |
| Matrix | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| SOP↓ | Determinand↓ | CAS No↓ | Units↓ | | | | | | | | | |
| 2300 | Cyanide (total) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | 6.7 | < 0.5 |
| 2310 | Cyanide (free) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2410 | Ammonium (extractable) | 7664417 | mg kg ⁻¹ | M | 6.1 | 5.7 | 1.9 | 2.5 | 8.1 | 3.2 | 4.6 | 2.2 |
| 2625 | Total Organic Carbon | | % | M | 7.1 | 0.66 | 1.6 | 0.66 | 3.5 | 0.65 | 10 | 0.97 |
| 2230 | Nitrate (extractable) | 14797558 | g l ⁻¹ | N | <0.01 | <0.01 | <0.01 | 0.057 | 0.16 | <0.01 | <0.01 | 0.019 |
| | Nitrate (extractable) as N | 14797558 | g l ⁻¹ | N | | | | | | | <0.01 | <0.01 |
| | Nitrite (extractable) | 14797650 | mg kg ⁻¹ | N | 0.42 | 0.10 | 0.26 | 0.018 | 0.32 | 0.044 | 0.38 | 0.040 |
| | Nitrite (extractable) as N | 14797650 | mg kg ⁻¹ | N | 0.13 | 0.03 | 0.08 | 0.06 | 0.10 | 0.01 | 0.11 | 0.01 |
| 2450 | Arsenic | 7440382 | mg kg ⁻¹ | M | 91 | 13 | 16 | 10 | 18 | 7.9 | 81 | 14 |
| | Barium | 7440393 | mg kg ⁻¹ | M | 180 | 130 | 95 | 130 | 170 | 110 | 980 | 89 |
| | Beryllium | 7440417 | mg kg ⁻¹ | | 1.3 | <1 | <1 | <1 | 1.1 | <1 | 7.1 | <1 |
| | Vanadium | 7440622 | mg kg ⁻¹ | M | 50 | 37 | 38 | 40 | 43 | 27 | 82 | 31 |
| | Cadmium | 7440439 | mg kg ⁻¹ | M | 0.36 | <0.1 | 0.48 | <0.1 | 0.17 | <0.1 | <0.1 | 0.14 |
| | Chromium | 7440473 | mg kg ⁻¹ | M | 23 | 28 | 24 | 31 | 25 | 24 | 83 | 22 |
| | Copper | 7440508 | mg kg ⁻¹ | M | 69 | 13 | 29 | 11 | 48 | 7.9 | 530 | 15 |
| | Mercury | 7439976 | mg kg ⁻¹ | M | 7.1 | 0.23 | <0.1 | <0.1 | 0.41 | <0.1 | 3.6 | 0.15 |
| | Nickel | 7440020 | mg kg ⁻¹ | M | 25 | 25 | 17 | 24 | 22 | 17 | 98 | 17 |
| | Lead | 7439921 | mg kg ⁻¹ | M | 310 | 30 | 46 | 18 | 320 | 13 | 1000 | 48 |
| | Selenium | 7782492 | mg kg ⁻¹ | M | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| | Zinc | 7440666 | mg kg ⁻¹ | M | 130 | 56 | 72 | 53 | 130 | 36 | 1200 | 77 |
| 2675 | TPH aliphatic >C5-C6 | | mg kg ⁻¹ | N | <0.1 | <0.1 | | | <0.1 | <0.1 | | |
| | TPH aliphatic >C6-C8 | | mg kg ⁻¹ | N | <0.1 | <0.1 | | | <0.1 | <0.1 | | |
| | TPH aliphatic >C8-C10 | | mg kg ⁻¹ | N | <0.1 | <0.1 | | | <0.1 | <0.1 | | |
| | TPH aliphatic >C10-C12 | | mg kg ⁻¹ | N | <0.1 | <0.1 | | | <0.1 | <0.1 | | |
| | TPH aliphatic >C12-C16 | | mg kg ⁻¹ | N | <0.1 | <0.1 | | | <0.1 | <0.1 | | |
| | TPH aliphatic >C16-C21 | | mg kg ⁻¹ | N | <0.1 | <0.1 | | | <0.1 | <0.1 | | |
| | TPH aliphatic >C21-C35 | | mg kg ⁻¹ | N | <0.1 | <0.1 | | | <0.1 | <0.1 | | |
| | TPH aromatic >C5-C7 | | mg kg ⁻¹ | N | <0.1 | <0.1 | | | <0.1 | <0.1 | | |
| | TPH aromatic >C7-C8 | | mg kg ⁻¹ | N | <0.1 | <0.1 | | | <0.1 | <0.1 | | |
| | TPH aromatic >C8-C10 | | mg kg ⁻¹ | N | <0.1 | <0.1 | | | <0.1 | <0.1 | | |

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | 38201 | | | | | | | | |
|--------------------|------------------------------|---------------------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|------|
| | | | | AC83101 | AC83102 | AC83103 | AC83104 | AC83105 | AC83106 | AC83107 | AC83108 | |
| | | | | TP27 | TP27 | TP28 | TP28 | WS22 | WS22 | WS23 | WS23 | |
| | | | | 0.3 | 0.9 | 0.3 | 1.5 | 0.6 | 2.0 | 0.6 | 1.5 | |
| | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | |
| 2675 | TPH aromatic >C10-C12 | | mg kg ⁻¹ | N | <0.1 | <0.1 | | | <0.1 | <0.1 | | |
| | TPH aromatic >C12-C16 | | mg kg ⁻¹ | N | 0.2 | 0.9 | | | 1.4 | 0.8 | | |
| | TPH aromatic >C16-C21 | | mg kg ⁻¹ | N | 2.2 | 1.2 | | | 11 | 2.1 | | |
| | TPH aromatic >C21-C35 | | mg kg ⁻¹ | N | 6.7 | 2.8 | | | 12 | 5.2 | | |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | M | <20 | <20 | | | 24 | <20 | | |
| 2676 | TPH >C5-C6 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C6-C7 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C7-C8 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C8-C10 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C10-C12 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.1 | <0.1 |
| | TPH >C12-C16 | | mg kg ⁻¹ | M | 2.8 | 1.7 | 1.6 | <0.1 | 1.5 | 1.6 | 1.3 | <0.1 |
| | TPH >C16-C21 | | mg kg ⁻¹ | M | 5.0 | 1.6 | 2.1 | <0.1 | 6.7 | 1.7 | 2.7 | <0.1 |
| | TPH >C21-C35 | | mg kg ⁻¹ | M | 9.0 | 5.7 | 14 | <0.1 | 21 | 4.9 | 15 | <0.1 |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | N | <20 | <20 | <20 | <20 | 29 | <20 | <20 | <20 |
| 2700 | Naphthalene | 91203 | mg kg ⁻¹ | M | 0.1 | <0.1 | <0.1 | 0.1 | <0.1 | <0.1 | 2.9 | <0.1 |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | M | <0.1 | 0.3 | <0.1 | <0.1 | 0.1 | <0.1 | <0.1 | 0.3 |
| | Acenaphthene | 83329 | mg kg ⁻¹ | M | <0.1 | 0.2 | 0.1 | 0.1 | 0.3 | 0.2 | 0.3 | 0.3 |
| | Fluorene | 86737 | mg kg ⁻¹ | M | <0.1 | 0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.2 | 0.2 |
| | Phenanthrene | 85018 | mg kg ⁻¹ | M | 0.7 | <0.1 | <0.1 | 0.1 | 2 | <0.1 | 1.9 | <0.1 |
| | Anthracene | 120127 | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | 0.6 | <0.1 | 0.7 | <0.1 |
| | Fluoranthene | 206440 | mg kg ⁻¹ | M | 1.2 | 0.2 | 0.9 | 0.7 | 5.8 | <0.1 | 3.2 | <0.1 |
| | Pyrene | 129000 | mg kg ⁻¹ | M | 0.6 | <0.1 | 0.7 | 0.3 | 5.3 | <0.1 | 3.1 | 0.6 |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | M | 0.6 | <0.1 | <0.1 | <0.1 | 2.3 | <0.1 | 1.1 | <0.1 |
| | Chrysene | 218019 | mg kg ⁻¹ | M | 1 | <0.1 | <0.1 | <0.1 | 2.9 | <0.1 | 1.5 | <0.1 |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | M | 0.5 | <0.1 | <0.1 | <0.1 | 3.5 | <0.1 | 1.5 | <0.1 |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | M | 0.4 | <0.1 | <0.1 | <0.1 | 1.7 | <0.1 | 0.9 | <0.1 |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | M | 0.8 | <0.1 | <0.1 | <0.1 | 4.2 | 0.1 | 2.8 | <0.1 |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | M | 0.1 | <0.1 | <0.1 | <0.1 | 0.2 | <0.1 | <0.1 | <0.1 |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | M | 0.1 | <0.1 | <0.1 | <0.1 | 1.9 | <0.1 | 0.2 | <0.1 |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | M | 0.4 | <0.1 | <0.1 | <0.1 | 2.9 | <0.1 | 0.2 | 0.2 |
| Total (of 16) PAHs | | mg kg ⁻¹ | M | 6.5 | <2 | <2 | <2 | 34 | <2 | 21 | <2 | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 3

Report page 4 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|---------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83101 | AC83102 | AC83103 | AC83104 | AC83105 | AC83106 | AC83107 | AC83108 |
| | | | | | TP27 | TP27 | TP28 | TP28 | WS22 | WS22 | WS23 | WS23 |
| | | | | | 0.3 | 0.9 | 0.3 | 1.5 | 0.6 | 2.0 | 0.6 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | Dichlorodifluoromethane | 75718 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | Chloromethane | 74873 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | Vinyl chloride | 75014 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | Bromomethane | 74839 | µg kg ⁻¹ | U | <20 | <20 | | | <20 | <20 | | |
| | Chloroethane | 75003 | µg kg ⁻¹ | U | <2 | <2 | | | <2 | <2 | | |
| | Trichlorofluoromethane | 75694 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 1,1-Dichloroethene | 75354 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | Dichloromethane | 75092 | µg kg ⁻¹ | U | ne | ne | | | ne | ne | | |
| | trans-1,2-Dichloroethene | 156605 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | 1,1-Dichloroethane | 75343 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | cis-1,2-Dichloroethene | 156592 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | Bromochloromethane | 74975 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | Trichloromethane | 67663 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | 1,1,1-Trichloroethane | 71556 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | Tetrachloromethane | 56235 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | 1,1-Dichloropropene | 563586 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | Benzene | 71432 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | 1,2-Dichloroethane | 107062 | µg kg ⁻¹ | M | <2 | <2 | | | <2 | <2 | | |
| | Trichloroethene | 79016 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 1,2-Dichloropropane | 78875 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | Dibromomethane | 74953 | µg kg ⁻¹ | U | <10 | <10 | | | <10 | <10 | | |
| | Bromodichloromethane | 75274 | µg kg ⁻¹ | U | <5 | <5 | | | <5 | <5 | | |
| | cis-1,3-Dichloropropene | 10061015 | µg kg ⁻¹ | U | <10 | <10 | | | <10 | <10 | | |
| | Toluene | 108883 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | trans-1,3-Dichloropropene | 10061026 | µg kg ⁻¹ | U | <10 | <10 | | | <10 | <10 | | |
| | 1,1,2-Trichloroethane | 79005 | µg kg ⁻¹ | M | <10 | <10 | | | <10 | <10 | | |
| | Tetrachloroethene | 127184 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | 1,3-Dichloropropane | 142289 | µg kg ⁻¹ | U | <2 | <2 | | | <2 | <2 | | |
| | Dibromochloromethane | 124481 | µg kg ⁻¹ | U | <10 | <10 | | | <10 | <10 | | |
| | 1,2-Dibromoethane | 106934 | µg kg ⁻¹ | U | <5 | <5 | | | <5 | <5 | | |
| | Chlorobenzene | 108907 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 3

Report page 5 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|-----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83101 | AC83102 | AC83103 | AC83104 | AC83105 | AC83106 | AC83107 | AC83108 |
| | | | | | TP27 | TP27 | TP28 | TP28 | WS22 | WS22 | WS23 | WS23 |
| | | | | | 0.3 | 0.9 | 0.3 | 1.5 | 0.6 | 2.0 | 0.6 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | 1,1,1,2-Tetrachloroethane | 630206 | µg kg ⁻¹ | M | <2 | <2 | | | <2 | <2 | | |
| | Ethylbenzene | 100414 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | m- & p-Xylene | 1330207 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | o-Xylene | 95476 | µg kg ⁻¹ | M | <1 | <1 | | | <1 | <1 | | |
| | Styrene | 100425 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | Tribromomethane | 75252 | µg kg ⁻¹ | U | <10 | <10 | | | <10 | <10 | | |
| | Isopropylbenzene | 98828 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | Bromobenzene | 108861 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 1,1,2,2-Tetrachloroethane | 79345 | µg kg ⁻¹ | M | <10 | <10 | | | <10 | <10 | | |
| | 1,2,3-Trichloropropane | 96184 | µg kg ⁻¹ | U | <50 | <50 | | | <50 | <50 | | |
| | n-Propylbenzene | 103651 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 2-Chlorotoluene | 95498 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 1,3,5-Trimethylbenzene | 108678 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 4-Chlorotoluene | 106434 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | tert-Butylbenzene | 98066 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 1,2,4-Trimethylbenzene | 95636 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | sec-Butylbenzene | 135988 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 1,3-Dichlorobenzene | 541731 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 4-Isopropyltoluene | 99876 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 1,4-Dichlorobenzene | 106467 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | n-Butylbenzene | 104518 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 1,2-Dichlorobenzene | 95501 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 1,2-Dibromo-3-chloropropane | 96128 | µg kg ⁻¹ | U | <50 | <50 | | | <50 | <50 | | |
| | 1,2,4-Trichlorobenzene | 120821 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | Hexachlorobutadiene | 87683 | µg kg ⁻¹ | U | <1 | <1 | | | <1 | <1 | | |
| | 1,2,3-Trichlorobenzene | 87616 | µg kg ⁻¹ | U | <2 | <2 | | | <2 | <2 | | |
| 2790 | N-Nitrosodimethylamine | 62759 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Phenol | 108952 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | bis(2-Chloroethyl)ether | 111444 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2-Chlorophenol | 95578 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 1,3-Dichlorobenzene | 541731 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 3

Report page 6 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Results of analysis of 32 samples
 received 10 March 2008

Report Date
 17 March 2008

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|-----------------------------|--------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83101 | AC83102 | AC83103 | AC83104 | AC83105 | AC83106 | AC83107 | AC83108 |
| | | | | | TP27 | TP27 | TP28 | TP28 | WS22 | WS22 | WS23 | WS23 |
| | | | | | 0.3 | 0.9 | 0.3 | 1.5 | 0.6 | 2.0 | 0.6 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | 1,4-Dichlorobenzene | 106467 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 1,2-Dichlorobenzene | 95501 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2-Methylphenol | 95487 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | bis(2-Chloroisopropyl)ether | 108601 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 4-Methylphenol | 106445 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | N-Nitrosodi-n-propylamine | 621647 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Hexachloroethane | 67721 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Nitrobenzene | 98953 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Isophorone | 78591 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2-Nitrophenol | 88755 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2,4-Dimethylphenol | 105679 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | bis(2-Chloroethoxy)methane | 111911 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2,4-Dichlorophenol | 120832 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 1,2,4-Trichlorobenzene | 120821 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Naphthalene | 91203 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 4-Chloroaniline | 106478 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Hexachlorobutadiene | 87683 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 4-Chloro-3-methylphenol | 59507 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2-Methylnaphthalene | 91576 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Hexachlorocyclopentadiene | 77474 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2,4,6-Trichlorophenol | 88062 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2,4,5-Trichlorophenol | 95954 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2-Chloronaphthalene | 91587 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2-Nitroaniline | 88744 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Dimethylphthalate | 131113 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2,6-Dinitrotoluene | 606202 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 3-Nitroaniline | 99092 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Acenaphthene | 83329 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Dibenzofuran | 132649 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2,4-Dinitrotoluene | 121142 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |

LABORATORY TEST REPORT

Results of analysis of 32 samples
 received 10 March 2008

Report Date
 17 March 2008

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83101 | AC83102 | AC83103 | AC83104 | AC83105 | AC83106 | AC83107 | AC83108 |
| | | | | | TP27 | TP27 | TP28 | TP28 | WS22 | WS22 | WS23 | WS23 |
| | | | | | 0.3 | 0.9 | 0.3 | 1.5 | 0.6 | 2.0 | 0.6 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | Diethylphthalate | 84662 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Fluorene | 86737 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 4-Chlorophenylether | 7005723 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 4-Nitroaniline | 100016 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 2-Methyl-4,6-dinitrophenol | 534521 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Azobenzene | 103333 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | 4-Bromophenylphenylether | 101553 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Hexachlorobenzene | 118741 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Pentachlorophenol | 87865 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Phenanthrene | 85018 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | 1.3 | <0.5 | | |
| | Anthracene | 120127 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Carbazole | 86748 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Di-n-butylphthalate | 84742 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Fluoranthene | 206440 | mg kg ⁻¹ | N | 0.8 | <0.5 | | | 3.1 | <0.5 | | |
| | Pyrene | 129000 | mg kg ⁻¹ | N | 0.6 | <0.5 | | | 3.2 | <0.5 | | |
| | Butylbenzylphthalate | 85687 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | 1.5 | <0.5 | | |
| | Chrysene | 218019 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | 1.5 | <0.5 | | |
| | bis(2-Ethylhexyl)phthalate | 117817 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Di-n-octylphthalate | 117840 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | 1.7 | <0.5 | | |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | 1.3 | <0.5 | | |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | 1.5 | <0.5 | | |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | 0.8 | <0.5 | | |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | <0.5 | <0.5 | | |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | N | <0.5 | <0.5 | | | 1.0 | <0.5 | | |
| 2920 | Catechols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Phenol | 108952 | mg kg ⁻¹ | M | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Cresols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Xylenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Naphthols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

LABORATORY TEST REPORT





Report Date
 17 March 2008

Results of analysis of 32 samples
 received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|-----------------------------|--|---------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | | AC83101 | AC83102 | AC83103 | AC83104 | AC83105 | AC83106 | AC83107 | AC83108 |
| | | | | | TP27 | TP27 | TP28 | TP28 | WS22 | WS22 | WS23 | WS23 |
| | | | | | 0.3 | 0.9 | 0.3 | 1.5 | 0.6 | 2.0 | 0.6 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2920 | Trimethyl phenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Phenols (total) | | mg kg ⁻¹ | U | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 |
| 2010 | pH | | - | M | 7.5 | 8.3 | 8.3 | 7.9 | 7.5 | 8.2 | 7.6 | 8.1 |
| 2030 | Moisture | | % | n/a | 18.4 | 20.7 | 11.8 | 12.6 | 19.3 | 20.9 | 23.7 | 17.5 |
| | Stone content (as received) | | % | n/a | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| 2140 | Soil colour | | | n/a | brown | brown | brown | brown | brown | brown | brown | brown |
| | Soil texture | | | n/a | clay | clay | clay | sand | sand | clay | clay | clay |
| | Other material | | | n/a | none | none | none | none | none | none | none | none |
| 2186 | Asbestos (presence/absence) | | - | N | not detected | not detected | not detected | not detected | not detected | not detected | not detected | not detected |

| GROUND ENGINEERING Geo-Environmental Specialists 01733 566566 | | | Site: BOAL QUAY, KING'S LYNN | | | | WINDOW SAMPLE AWS1 | |
|--|------|--------|-------------------------------------|---|---|---------|--|--|
| | | | Date: 29/04/08 | | Hole Size: 300mm dia to 1.20m 80mm dia to 3.00m | | 561951 mE 319008 mN Ground Level: 4.30m. O.D. | |
| Samples and in-situ Tests | | | (Date) | Description of Strata | Legend | Depth m | O.D. Level m | |
| Depth m | Type | Result | Water | | | | | |
| 0.30 | D1 | | | MADE GROUND - Brown, sandy SILT. MADE GROUND - Dark brown and black, silty, gravelly SAND, Gravel of angular brick, concrete, ash and flint. MADE GROUND - Brown, silty, very gravelly SAND. Gravel of angular and sub-angular brick, concrete and chalk. |  | 0.10 | 4.20 | |
| 0.60 | D2 | | | | | 0.30 | 4.00 | |
| 0.70 | E1 | | | | | | | |
| 0.90 | D3 | | | | | | | |
| 1.20 | D4 | | | MADE GROUND - Brown, dark brown and black, sandy, clayey GRAVEL. Gravel of angular glass, brick, concrete, ash and chalk |  | 1.20 | 3.10 | |
| 1.20-2.00 | U1 | | | | | | | |
| | | | ▼c | | | | | |
| | | | | Brown and grey mottled, sandy SILT. |  | 2.40 | 1.90 | |
| 3.00 | E2 | | ▽ | Hole completed at 3.00m depth |  | 3.00 | 1.30 | |

| | | |
|---|---------------------|-------------|
| REMARKS 1. Pit excavated from 0.00m to 1.20m 2. E denotes environmental sample | Project No 11401 | |
| | Scale 1:50 | Page 1/1 |

| KEY | Groundwater Strikes | | | | | Groundwater Observations | | | | |
|---|---------------------|--------|---------|------|-------|--------------------------|----------|------|--------|-------|
| | Depth m | | | | | Depth m | | | | |
| | No | Struck | Rose to | Rate | Cased | Sealed | Date | Hole | Casing | Water |
| D - Disturbed Sample B - Bulk Sample U - Undisturbed Sample W - Water Sample ▽ Water Strike ▼ Depth to Water on completion J - Jar Sample M - Mackintosh Probe V - Vane Shear Test Cohesion () kPa R () - Hand Penetrometer Cohesion () kPa ▼s Standpipe Level | 1 | 3.00 | | FAST | | | 29/04/08 | 3.00 | | 2.30 |

LABORATORY TEST REPORT

Results of analysis of 9 samples
 received 01 May 2008

Report Date
 09 May 2008

FAO Sasha Layton

Boal Quay

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Depth

Matrix

SOP ↓ Determinand ↓

CAS No ↓

Units ↓

*

| | | | | | 38967 | | | | | | | |
|---------------------|-----------------------------------|---------------------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2300 | Cyanide (total) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | 0.8 | 2.7 | 5.0 |
| 2310 | Cyanide (free) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2330 | Thiocyanate | 302045 | mg kg ⁻¹ | M | < 5.0 | < 5.0 | < 5.0 | < 5.0 | | | < 5.0 | |
| 2410 | Ammoniacal Nitrogen (extractable) | 7664417 | mg kg ⁻¹ | M | 1.9 | 2.3 | 6.5 | 4.8 | | | i/s | |
| 2625 | Total Organic Carbon | | % | M | 3.2 | 0.72 | 4.7 | 0.52 | | | 19 | |
| 2120 | Sulfate (2:1 water soluble) | 14808798 | g l ⁻¹ | M | 0.61 | 0.03 | 0.07 | 0.22 | | | <0.01 | |
| 2170 | Sulfur (elemental) | 7704349 | mg kg ⁻¹ | N | 8 | 5 | 36 | 3 | | | 8600 | |
| 2230 | Chloride (extractable) | 16887006 | g l ⁻¹ | N | 0.018 | 0.21 | 0.019 | 0.039 | | | I/S | |
| | Nitrate (extractable) as N | 14797558 | g l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | | | I/S | |
| | Nitrite (extractable) as N | 14797650 | mg kg ⁻¹ | N | 0.034 | 0.15 | 0.12 | 0.38 | | | I/S | |
| 2450 | Arsenic | 7440382 | mg kg ⁻¹ | M | 5.2 | 5.7 | 23 | 17 | 26 | 7.4 | 16 | 46 |
| | Barium | 7440393 | mg kg ⁻¹ | M | 23 | 25 | 170 | 100 | 180 | 94 | 130 | 600 |
| | Beryllium | 7440417 | mg kg ⁻¹ | M | <1 | <1 | 2.1 | <1 | 2.6 | <1 | 1.2 | 5.3 |
| | Cadmium | 7440439 | mg kg ⁻¹ | M | 0.14 | 0.15 | 0.11 | <0.1 | 0.27 | <0.1 | 0.13 | 1.4 |
| | Chromium | 7440473 | mg kg ⁻¹ | M | 8.7 | 10 | 28 | 34 | 25 | 18 | 22 | 36 |
| | Copper | 7440508 | mg kg ⁻¹ | M | 80 | 12 | 130 | 13 | 55 | 5.8 | 73 | 310 |
| | Mercury | 7439976 | mg kg ⁻¹ | M | 0.16 | 0.15 | 0.78 | <0.1 | 0.49 | <0.1 | 0.44 | 1.3 |
| | Nickel | 7440020 | mg kg ⁻¹ | M | 8.1 | 8.6 | 33 | 29 | 33 | 17 | 24 | 65 |
| | Lead | 7439921 | mg kg ⁻¹ | M | 39 | 36 | 140 | 19 | 140 | 9.5 | 150 | 7600 |
| | Selenium | 7782492 | mg kg ⁻¹ | M | <0.2 | <0.2 | <0.2 | <0.2 | 0.34 | <0.2 | <0.2 | 0.59 |
| | Vanadium | 7440622 | mg kg ⁻¹ | M | 11 | 13 | 52 | 47 | 54 | 22 | 34 | 57 |
| 2675 | Zinc | 7440666 | mg kg ⁻¹ | M | 77 | 35 | 100 | 56 | 110 | 32 | 160 | 840 |
| | TPH aliphatic >C5-C6 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C6-C8 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C8-C10 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C10-C12 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C12-C16 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C16-C21 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C21-C35 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| TPH aromatic >C5-C7 | | mg kg ⁻¹ | N | | | | | | | <0.1 | | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 1 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Results of analysis of 9 samples
 received 01 May 2008

Report Date
 09 May 2008

Boal Quay

| | | | | 38967 | | | | | | | |
|------|------------------------------|--------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2675 | TPH aromatic >C7-C8 | | mg kg ⁻¹ | N | | | | | | | <0.1 |
| | TPH aromatic >C8-C10 | | mg kg ⁻¹ | N | | | | | | | <0.1 |
| | TPH aromatic >C10-C12 | | mg kg ⁻¹ | N | | | | | | | 0.1 |
| | TPH aromatic >C12-C16 | | mg kg ⁻¹ | N | | | | | | | 12 |
| | TPH aromatic >C16-C21 | | mg kg ⁻¹ | N | | | | | | | 100 |
| | TPH aromatic >C21-C35 | | mg kg ⁻¹ | N | | | | | | | 300 |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | N | | | | | | | 410 |
| 2676 | TPH >C5-C6 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C6-C7 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C7-C8 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C8-C10 | | mg kg ⁻¹ | M | 0.5 | <0.1 | 2.2 | <0.1 | | | |
| | TPH >C10-C12 | | mg kg ⁻¹ | M | 3.7 | <0.1 | 5.8 | 1.5 | | | |
| | TPH >C12-C16 | | mg kg ⁻¹ | M | 11 | 2.0 | 22 | 3.8 | | | |
| | TPH >C16-C21 | | mg kg ⁻¹ | M | 35 | 2.9 | 110 | 4.0 | | | |
| | TPH >C21-C35 | | mg kg ⁻¹ | M | 190 | 8.3 | 530 | 10 | | | |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | N | 240 | 13 | 670 | 19 | | | |
| 2700 | Naphthalene | 91203 | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.1 | <0.1 | | | <0.1 |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | M | 0.2 | <0.1 | 0.6 | <0.1 | | | <0.1 |
| | Acenaphthene | 83329 | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.3 | <0.1 | | | <0.1 |
| | Fluorene | 86737 | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | | | <0.1 |
| | Phenanthrene | 85018 | mg kg ⁻¹ | M | 1.6 | <0.1 | 6.9 | <0.1 | | | 0.9 |
| | Anthracene | 120127 | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.7 | <0.1 | | | <0.1 |
| | Fluoranthene | 206440 | mg kg ⁻¹ | M | 5.9 | <0.1 | 20 | <0.1 | | | 2.5 |
| | Pyrene | 129000 | mg kg ⁻¹ | M | 3.6 | <0.1 | 15 | <0.1 | | | 6.2 |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | M | 2.5 | <0.1 | 10 | <0.1 | | | <0.1 |
| | Chrysene | 218019 | mg kg ⁻¹ | M | 4.4 | <0.1 | 16 | <0.1 | | | 0.2 |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | M | 7 | <0.1 | 20 | <0.1 | | | 0.7 |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | M | 2.9 | <0.1 | 18 | <0.1 | | | 0.4 |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | M | 5.4 | <0.1 | 18 | <0.1 | | | <0.1 |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | M | 0.9 | <0.1 | 4.6 | <0.1 | | | <0.1 |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | M | 6.4 | <0.1 | 21 | <0.1 | | | 0.4 |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 2 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Report Date
09 May 2008

Results of analysis of 9 samples
received 01 May 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|--------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2700 | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | M | 6.8 | <0.1 | 21 | <0.1 | | | <0.1 | |
| | Total (of 16) PAHs | | mg kg ⁻¹ | M | 48 | <2 | 170 | <2 | | | 11 | |
| 2760 | Benzene | 71432 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Dichlorodifluoromethane | 75718 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Chloromethane | 74873 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Toluene | 108883 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Ethyl benzene | 100414 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Vinyl chloride | 75014 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Bromomethane | 74839 | µg kg ⁻¹ | U | | | | | | | <20 | |
| | m- & p-Xylene | 1330207 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Chloroethane | 75003 | µg kg ⁻¹ | U | | | | | | | <2 | |
| | o-Xylene | 95476 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Trichlorofluoromethane | 75694 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,1-Dichloroethene | 75354 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Dichloromethane | 75092 | µg kg ⁻¹ | U | | | | | | | ne | |
| | trans-1,2-Dichloroethene | 156605 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1-Dichloroethane | 75343 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | cis-1,2-Dichloroethene | 156592 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Bromochloromethane | 74975 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Trichloromethane | 67663 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1,1-Trichloroethane | 71556 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Tetrachloromethane | 56235 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1-Dichloropropene | 563586 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Benzene | 71432 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,2-Dichloroethane | 107062 | µg kg ⁻¹ | M | | | | | | | <2 | |
| | Trichloroethene | 79016 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2-Dichloropropane | 78875 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Dibromomethane | 74953 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | Bromodichloromethane | 75274 | µg kg ⁻¹ | U | | | | | | | <5 | |
| | cis-1,3-Dichloropropene | 10061015 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | Toluene | 108883 | µg kg ⁻¹ | M | | | | | | | <1 | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 3 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Report Date
 09 May 2008

Results of analysis of 9 samples
 received 01 May 2008

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|-----------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | trans-1,3-Dichloropropene | 10061026 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | 1,1,2-Trichloroethane | 79005 | µg kg ⁻¹ | M | | | | | | | <10 | |
| | Tetrachloroethene | 127184 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,3-Dichloropropane | 142289 | µg kg ⁻¹ | U | | | | | | | <2 | |
| | Dibromochloromethane | 124481 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | 1,2-Dibromoethane | 106934 | µg kg ⁻¹ | U | | | | | | | <5 | |
| | Chlorobenzene | 108907 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1,1,2-Tetrachloroethane | 630206 | µg kg ⁻¹ | M | | | | | | | <2 | |
| | Ethylbenzene | 100414 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | m- & p-Xylene | 1330207 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | o-Xylene | 95476 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Styrene | 100425 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Tribromomethane | 75252 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | Isopropylbenzene | 98828 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Bromobenzene | 108861 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,1,1,2,2-Tetrachloroethane | 79345 | µg kg ⁻¹ | M | | | | | | | <10 | |
| | 1,2,3-Trichloropropane | 96184 | µg kg ⁻¹ | U | | | | | | | <50 | |
| | n-Propylbenzene | 103651 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 2-Chlorotoluene | 95498 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,3,5-Trimethylbenzene | 108678 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 4-Chlorotoluene | 106434 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | tert-Butylbenzene | 98066 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2,4-Trimethylbenzene | 95636 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | sec-Butylbenzene | 135988 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,3-Dichlorobenzene | 541731 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 4-Isopropyltoluene | 99876 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,4-Dichlorobenzene | 106467 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | n-Butylbenzene | 104518 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2-Dichlorobenzene | 95501 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2-Dibromo-3-chloropropane | 96128 | µg kg ⁻¹ | U | | | | | | | <50 | |
| | 1,2,4-Trichlorobenzene | 120821 | µg kg ⁻¹ | U | | | | | | | <1 | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 4 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 01 May 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|-----------------------------|--------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | Hexachlorobutadiene | 87683 | µg kg ⁻¹ | U | | | | | | | | <1 |
| | 1,2,3-Trichlorobenzene | 87616 | µg kg ⁻¹ | U | | | | | | | | <2 |
| 2790 | N-Nitrosodimethylamine | 62759 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Phenol | 108952 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | bis(2-Chloroethyl)ether | 111444 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Chlorophenol | 95578 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 1,3-Dichlorobenzene | 541731 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 1,4-Dichlorobenzene | 106467 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 1,2-Dichlorobenzene | 95501 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Methylphenol | 95487 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | bis(2-Chloroisopropyl)ether | 108601 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 4-Methylphenol | 106445 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | N-Nitrosodi-n-propylamine | 621647 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Hexachloroethane | 67721 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Nitrobenzene | 98953 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Isophorone | 78591 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Nitrophenol | 88755 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2,4-Dimethylphenol | 105679 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | bis(2-Chloroethoxy)methane | 111911 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2,4-Dichlorophenol | 120832 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 1,2,4-Trichlorobenzene | 120821 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Naphthalene | 91203 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 4-Chloroaniline | 106478 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Hexachlorobutadiene | 87683 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 4-Chloro-3-methylphenol | 59507 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Methylnaphthalene | 91576 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Hexachlorocyclopentadiene | 77474 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2,4,6-Trichlorophenol | 88062 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2,4,5-Trichlorophenol | 95954 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Chloronaphthalene | 91587 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Nitroaniline | 88744 | mg kg ⁻¹ | N | | | | | | | | <0.5 |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 5 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 01 May 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | Dimethylphthalate | 131113 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2,6-Dinitrotoluene | 606202 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 3-Nitroaniline | 99092 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Acenaphthene | 83329 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Dibenzofuran | 132649 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2,4-Dinitrotoluene | 121142 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Diethylphthalate | 84662 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Fluorene | 86737 | mg kg ⁻¹ | N | | | | | | | 0.9 | |
| | 4-Chlorophenylether | 7005723 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 4-Nitroaniline | 100016 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2-Methyl-4,6-dinitrophenol | 534521 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Azobenzene | 103333 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 4-Bromophenylphenylether | 101553 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Hexachlorobenzene | 118741 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Pentachlorophenol | 87865 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Phenanthrene | 85018 | mg kg ⁻¹ | N | | | | | | | 15 | |
| | Anthracene | 120127 | mg kg ⁻¹ | N | | | | | | | 2.2 | |
| | Carbazole | 86748 | mg kg ⁻¹ | N | | | | | | | 1.3 | |
| | Di-n-butylphthalate | 84742 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Fluoranthene | 206440 | mg kg ⁻¹ | N | | | | | | | 11 | |
| | Pyrene | 129000 | mg kg ⁻¹ | N | | | | | | | 8.7 | |
| | Butylbenzylphthalate | 85687 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | N | | | | | | | 2.3 | |
| | Chrysene | 218019 | mg kg ⁻¹ | N | | | | | | | 3.8 | |
| | bis(2-Ethylhexyl)phthalate | 117817 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Di-n-octylphthalate | 117840 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | N | | | | | | | 2.6 | |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | N | | | | | | | 1.8 | |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | N | | | | | | | 2.3 | |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | N | | | | | | | 1.5 | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 6 of 7

Report sample ID range AC99437 to AC99449





LABORATORY TEST REPORT

Report Date
 09 May 2008

Results of analysis of 9 samples
 received 01 May 2008

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|-----------------------------|--------|---------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | N | | | | | | | 1.5 | |
| 2920 | Catechols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Phenol | 108952 | mg kg ⁻¹ | M | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Cresols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Xylenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Naphthols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Trimethyl phenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Phenols (total) | | mg kg ⁻¹ | U | <0.3 | <0.3 | <0.3 | <0.3 | | | <0.3 | |
| 2010 | pH | | - | M | 7.5 | 8.0 | 7.4 | 8.2 | 7.7 | 7.5 | 7.7 | 7.0 |
| 2030 | Moisture | | % | n/a | 17.8 | 24.4 | 12.7 | 22 | 0.00 | 18.2 | 54.5 | 28.5 |
| | Stone content (as received) | | % | n/a | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| 2140 | Soil colour | | | n/a | brown | brown | brown | brown | brown | brown | brown | brown |
| | Soil texture | | | n/a | sand | sand | sand | sand | sand | sand | sand | sand |
| | Other material | | | n/a | stones | stones | stones | stones | stones | stones | stones | stones |
| 2186 | Asbestos (presence/absence) | | - | N | not detected | not detected | not detected | not detected | not detected | not detected | not detected | not detected |
| 2610 | Loss on ignition | | % | N | 7.51 | 1.16 | 1.33 | 7.06 | | | 14.3 | |

| GROUND ENGINEERING Geo-Environmental Specialists 01733 566566 | | | Site: BOAL QUAY, KING'S LYNN | | | | WINDOW SAMPLE AWS1 | |
|--|------|--------|---|---|--|------------|--|--|
| | | | Date: 29/04/08 | | Hole Size: 300mm dia to 1.20m 80mm dia to 3.00m | | 561951 mE 319008 mN Ground Level: 4.30m. O.D. | |
| Samples and in-situ Tests | | | (Date) Water | Description of Strata | Legend | Depth m | O.D. Level m | |
| Depth m | Type | Result | | | | | | |
| 0.30 | D1 | | MADE GROUND - Brown, sandy SILT. MADE GROUND - Dark brown and black, silty, gravelly SAND, Gravel of angular brick, concrete, ash and flint. MADE GROUND - Brown, silty, very gravelly SAND. Gravel of angular and sub-angular brick, concrete and chalk. |  | 0.10 | 4.20 | | |
| 0.60 | D2 | | | | 0.30 | 4.00 | | |
| 0.70 | E1 | | | | | | | |
| 0.90 | D3 | | | | | | | |
| 1.20 | D4 | | | | | | | |
| 1.20-2.00 | U1 | | MADE GROUND - Brown, dark brown and black, sandy, clayey GRAVEL. Gravel of angular glass, brick, concrete, ash and chalk |  | 1.20 | 3.10 | | |
| | | | | | | | | |
| | | | ▼c Brown and grey mottled, sandy SILT. |  | 2.40 | 1.90 | | |
| | | | | | | | | |
| 3.00 | E2 | | ∇ Hole completed at 3.00m depth |  | 3.00 | 1.30 | | |
| | | | | | | | | |

REMARKS 1. Pit excavated from 0.00m to 1.20m
2. E denotes environmental sample

Project No
11401

Scale 1:50 Page 1/1

KEY

D - Disturbed Sample J - Jar Sample
 B - Bulk Sample M - Mackintosh Probe
 U - Undisturbed Sample V - Vane Shear Test
 W - Water Sample Cohesion () kPa
 ∇ Water Strike R () - Hand Penetrometer
 ▼ Depth to Water Cohesion () kPa
 on completion ∇s Standpipe Level

Groundwater Strikes

Groundwater Observations

| Groundwater Strikes | | | | | | Groundwater Observations | | | |
|---------------------|--------|---------|------|-------|--------|--------------------------|------|--------|-------|
| Depth m | | | | | | Depth m | | | |
| No | Struck | Rose to | Rate | Cased | Sealed | Date | Hole | Casing | Water |
| 1 | 3.00 | | FAST | | | 29/04/08 | 3.00 | | 2.30 |

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 01 May 2008

Report Date
09 May 2008

FAO Sasha Layton

Boal Quay

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Depth

Matrix

SOP ↓ Determinand ↓

CAS No ↓

Units ↓

*

| | | | | | 38967 | | | | | | | |
|---------------------|-----------------------------------|---------------------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2300 | Cyanide (total) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | 0.8 | 2.7 | 5.0 |
| 2310 | Cyanide (free) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2330 | Thiocyanate | 302045 | mg kg ⁻¹ | M | < 5.0 | < 5.0 | < 5.0 | < 5.0 | | | < 5.0 | |
| 2410 | Ammoniacal Nitrogen (extractable) | 7664417 | mg kg ⁻¹ | M | 1.9 | 2.3 | 6.5 | 4.8 | | | i/s | |
| 2625 | Total Organic Carbon | | % | M | 3.2 | 0.72 | 4.7 | 0.52 | | | 19 | |
| 2120 | Sulfate (2:1 water soluble) | 14808798 | g l ⁻¹ | M | 0.61 | 0.03 | 0.07 | 0.22 | | | <0.01 | |
| 2170 | Sulfur (elemental) | 7704349 | mg kg ⁻¹ | N | 8 | 5 | 36 | 3 | | | 8600 | |
| 2230 | Chloride (extractable) | 16887006 | g l ⁻¹ | N | 0.018 | 0.21 | 0.019 | 0.039 | | | I/S | |
| | Nitrate (extractable) as N | 14797558 | g l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | | | I/S | |
| | Nitrite (extractable) as N | 14797650 | mg kg ⁻¹ | N | 0.034 | 0.15 | 0.12 | 0.38 | | | I/S | |
| 2450 | Arsenic | 7440382 | mg kg ⁻¹ | M | 5.2 | 5.7 | 23 | 17 | 26 | 7.4 | 16 | 46 |
| | Barium | 7440393 | mg kg ⁻¹ | M | 23 | 25 | 170 | 100 | 180 | 94 | 130 | 600 |
| | Beryllium | 7440417 | mg kg ⁻¹ | M | <1 | <1 | 2.1 | <1 | 2.6 | <1 | 1.2 | 5.3 |
| | Cadmium | 7440439 | mg kg ⁻¹ | M | 0.14 | 0.15 | 0.11 | <0.1 | 0.27 | <0.1 | 0.13 | 1.4 |
| | Chromium | 7440473 | mg kg ⁻¹ | M | 8.7 | 10 | 28 | 34 | 25 | 18 | 22 | 36 |
| | Copper | 7440508 | mg kg ⁻¹ | M | 80 | 12 | 130 | 13 | 55 | 5.8 | 73 | 310 |
| | Mercury | 7439976 | mg kg ⁻¹ | M | 0.16 | 0.15 | 0.78 | <0.1 | 0.49 | <0.1 | 0.44 | 1.3 |
| | Nickel | 7440020 | mg kg ⁻¹ | M | 8.1 | 8.6 | 33 | 29 | 33 | 17 | 24 | 65 |
| | Lead | 7439921 | mg kg ⁻¹ | M | 39 | 36 | 140 | 19 | 140 | 9.5 | 150 | 7600 |
| | Selenium | 7782492 | mg kg ⁻¹ | M | <0.2 | <0.2 | <0.2 | <0.2 | 0.34 | <0.2 | <0.2 | 0.59 |
| | Vanadium | 7440622 | mg kg ⁻¹ | M | 11 | 13 | 52 | 47 | 54 | 22 | 34 | 57 |
| 2675 | Zinc | 7440666 | mg kg ⁻¹ | M | 77 | 35 | 100 | 56 | 110 | 32 | 160 | 840 |
| | TPH aliphatic >C5-C6 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C6-C8 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C8-C10 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C10-C12 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C12-C16 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C16-C21 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C21-C35 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| TPH aromatic >C5-C7 | | mg kg ⁻¹ | N | | | | | | | <0.1 | | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 1 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 01 May 2008

Report Date
09 May 2008

Boal Quay

| | | | | 38967 | | | | | | | |
|------|------------------------------|--------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2675 | TPH aromatic >C7-C8 | | mg kg ⁻¹ | N | | | | | | | <0.1 |
| | TPH aromatic >C8-C10 | | mg kg ⁻¹ | N | | | | | | | <0.1 |
| | TPH aromatic >C10-C12 | | mg kg ⁻¹ | N | | | | | | | 0.1 |
| | TPH aromatic >C12-C16 | | mg kg ⁻¹ | N | | | | | | | 12 |
| | TPH aromatic >C16-C21 | | mg kg ⁻¹ | N | | | | | | | 100 |
| | TPH aromatic >C21-C35 | | mg kg ⁻¹ | N | | | | | | | 300 |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | N | | | | | | | 410 |
| 2676 | TPH >C5-C6 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C6-C7 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C7-C8 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C8-C10 | | mg kg ⁻¹ | M | 0.5 | <0.1 | 2.2 | <0.1 | | | |
| | TPH >C10-C12 | | mg kg ⁻¹ | M | 3.7 | <0.1 | 5.8 | 1.5 | | | |
| | TPH >C12-C16 | | mg kg ⁻¹ | M | 11 | 2.0 | 22 | 3.8 | | | |
| | TPH >C16-C21 | | mg kg ⁻¹ | M | 35 | 2.9 | 110 | 4.0 | | | |
| | TPH >C21-C35 | | mg kg ⁻¹ | M | 190 | 8.3 | 530 | 10 | | | |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | N | 240 | 13 | 670 | 19 | | | |
| 2700 | Naphthalene | 91203 | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.1 | <0.1 | | | <0.1 |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | M | 0.2 | <0.1 | 0.6 | <0.1 | | | <0.1 |
| | Acenaphthene | 83329 | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.3 | <0.1 | | | <0.1 |
| | Fluorene | 86737 | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | | | <0.1 |
| | Phenanthrene | 85018 | mg kg ⁻¹ | M | 1.6 | <0.1 | 6.9 | <0.1 | | | 0.9 |
| | Anthracene | 120127 | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.7 | <0.1 | | | <0.1 |
| | Fluoranthene | 206440 | mg kg ⁻¹ | M | 5.9 | <0.1 | 20 | <0.1 | | | 2.5 |
| | Pyrene | 129000 | mg kg ⁻¹ | M | 3.6 | <0.1 | 15 | <0.1 | | | 6.2 |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | M | 2.5 | <0.1 | 10 | <0.1 | | | <0.1 |
| | Chrysene | 218019 | mg kg ⁻¹ | M | 4.4 | <0.1 | 16 | <0.1 | | | 0.2 |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | M | 7 | <0.1 | 20 | <0.1 | | | 0.7 |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | M | 2.9 | <0.1 | 18 | <0.1 | | | 0.4 |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | M | 5.4 | <0.1 | 18 | <0.1 | | | <0.1 |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | M | 0.9 | <0.1 | 4.6 | <0.1 | | | <0.1 |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | M | 6.4 | <0.1 | 21 | <0.1 | | | 0.4 |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 2 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 01 May 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|--------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2700 | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | M | 6.8 | <0.1 | 21 | <0.1 | | | <0.1 | |
| | Total (of 16) PAHs | | mg kg ⁻¹ | M | 48 | <2 | 170 | <2 | | | 11 | |
| 2760 | Benzene | 71432 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Dichlorodifluoromethane | 75718 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Chloromethane | 74873 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Toluene | 108883 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Ethyl benzene | 100414 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Vinyl chloride | 75014 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Bromomethane | 74839 | µg kg ⁻¹ | U | | | | | | | <20 | |
| | m- & p-Xylene | 1330207 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Chloroethane | 75003 | µg kg ⁻¹ | U | | | | | | | <2 | |
| | o-Xylene | 95476 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Trichlorofluoromethane | 75694 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,1-Dichloroethene | 75354 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Dichloromethane | 75092 | µg kg ⁻¹ | U | | | | | | | ne | |
| | trans-1,2-Dichloroethene | 156605 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1-Dichloroethane | 75343 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | cis-1,2-Dichloroethene | 156592 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Bromochloromethane | 74975 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Trichloromethane | 67663 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1,1-Trichloroethane | 71556 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Tetrachloromethane | 56235 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1-Dichloropropene | 563586 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Benzene | 71432 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,2-Dichloroethane | 107062 | µg kg ⁻¹ | M | | | | | | | <2 | |
| | Trichloroethene | 79016 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2-Dichloropropane | 78875 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Dibromomethane | 74953 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | Bromodichloromethane | 75274 | µg kg ⁻¹ | U | | | | | | | <5 | |
| | cis-1,3-Dichloropropene | 10061015 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | Toluene | 108883 | µg kg ⁻¹ | M | | | | | | | <1 | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 3 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Report Date
 09 May 2008

Results of analysis of 9 samples
 received 01 May 2008

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|-----------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | trans-1,3-Dichloropropene | 10061026 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | 1,1,2-Trichloroethane | 79005 | µg kg ⁻¹ | M | | | | | | | <10 | |
| | Tetrachloroethene | 127184 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,3-Dichloropropane | 142289 | µg kg ⁻¹ | U | | | | | | | <2 | |
| | Dibromochloromethane | 124481 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | 1,2-Dibromoethane | 106934 | µg kg ⁻¹ | U | | | | | | | <5 | |
| | Chlorobenzene | 108907 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1,1,2-Tetrachloroethane | 630206 | µg kg ⁻¹ | M | | | | | | | <2 | |
| | Ethylbenzene | 100414 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | m- & p-Xylene | 1330207 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | o-Xylene | 95476 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Styrene | 100425 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Tribromomethane | 75252 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | Isopropylbenzene | 98828 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Bromobenzene | 108861 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,1,1,2,2-Tetrachloroethane | 79345 | µg kg ⁻¹ | M | | | | | | | <10 | |
| | 1,2,3-Trichloropropane | 96184 | µg kg ⁻¹ | U | | | | | | | <50 | |
| | n-Propylbenzene | 103651 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 2-Chlorotoluene | 95498 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,3,5-Trimethylbenzene | 108678 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 4-Chlorotoluene | 106434 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | tert-Butylbenzene | 98066 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2,4-Trimethylbenzene | 95636 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | sec-Butylbenzene | 135988 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,3-Dichlorobenzene | 541731 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 4-Isopropyltoluene | 99876 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,4-Dichlorobenzene | 106467 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | n-Butylbenzene | 104518 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2-Dichlorobenzene | 95501 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2-Dibromo-3-chloropropane | 96128 | µg kg ⁻¹ | U | | | | | | | <50 | |
| | 1,2,4-Trichlorobenzene | 120821 | µg kg ⁻¹ | U | | | | | | | <1 | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 4 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 01 May 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|-----------------------------|--------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | Hexachlorobutadiene | 87683 | µg kg ⁻¹ | U | | | | | | | | <1 |
| | 1,2,3-Trichlorobenzene | 87616 | µg kg ⁻¹ | U | | | | | | | | <2 |
| 2790 | N-Nitrosodimethylamine | 62759 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Phenol | 108952 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | bis(2-Chloroethyl)ether | 111444 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Chlorophenol | 95578 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 1,3-Dichlorobenzene | 541731 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 1,4-Dichlorobenzene | 106467 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 1,2-Dichlorobenzene | 95501 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Methylphenol | 95487 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | bis(2-Chloroisopropyl)ether | 108601 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 4-Methylphenol | 106445 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | N-Nitrosodi-n-propylamine | 621647 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Hexachloroethane | 67721 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Nitrobenzene | 98953 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Isophorone | 78591 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Nitrophenol | 88755 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2,4-Dimethylphenol | 105679 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | bis(2-Chloroethoxy)methane | 111911 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2,4-Dichlorophenol | 120832 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 1,2,4-Trichlorobenzene | 120821 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Naphthalene | 91203 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 4-Chloroaniline | 106478 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Hexachlorobutadiene | 87683 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 4-Chloro-3-methylphenol | 59507 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Methylnaphthalene | 91576 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | Hexachlorocyclopentadiene | 77474 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2,4,6-Trichlorophenol | 88062 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2,4,5-Trichlorophenol | 95954 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Chloronaphthalene | 91587 | mg kg ⁻¹ | N | | | | | | | | <0.5 |
| | 2-Nitroaniline | 88744 | mg kg ⁻¹ | N | | | | | | | | <0.5 |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 5 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 01 May 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | Dimethylphthalate | 131113 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2,6-Dinitrotoluene | 606202 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 3-Nitroaniline | 99092 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Acenaphthene | 83329 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Dibenzofuran | 132649 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2,4-Dinitrotoluene | 121142 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Diethylphthalate | 84662 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Fluorene | 86737 | mg kg ⁻¹ | N | | | | | | | 0.9 | |
| | 4-Chlorophenylether | 7005723 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 4-Nitroaniline | 100016 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2-Methyl-4,6-dinitrophenol | 534521 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Azobenzene | 103333 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 4-Bromophenylphenylether | 101553 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Hexachlorobenzene | 118741 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Pentachlorophenol | 87865 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Phenanthrene | 85018 | mg kg ⁻¹ | N | | | | | | | 15 | |
| | Anthracene | 120127 | mg kg ⁻¹ | N | | | | | | | 2.2 | |
| | Carbazole | 86748 | mg kg ⁻¹ | N | | | | | | | 1.3 | |
| | Di-n-butylphthalate | 84742 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Fluoranthene | 206440 | mg kg ⁻¹ | N | | | | | | | 11 | |
| | Pyrene | 129000 | mg kg ⁻¹ | N | | | | | | | 8.7 | |
| | Butylbenzylphthalate | 85687 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | N | | | | | | | 2.3 | |
| | Chrysene | 218019 | mg kg ⁻¹ | N | | | | | | | 3.8 | |
| | bis(2-Ethylhexyl)phthalate | 117817 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Di-n-octylphthalate | 117840 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | N | | | | | | | 2.6 | |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | N | | | | | | | 1.8 | |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | N | | | | | | | 2.3 | |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | N | | | | | | | 1.5 | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 6 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Report Date
 09 May 2008

Results of analysis of 9 samples
 received 01 May 2008

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|-----------------------------|--------|---------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | N | | | | | | | 1.5 | |
| 2920 | Catechols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Phenol | 108952 | mg kg ⁻¹ | M | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Cresols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Xylenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Naphthols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Trimethyl phenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Phenols (total) | | mg kg ⁻¹ | U | <0.3 | <0.3 | <0.3 | <0.3 | | | <0.3 | |
| 2010 | pH | | - | M | 7.5 | 8.0 | 7.4 | 8.2 | 7.7 | 7.5 | 7.7 | 7.0 |
| 2030 | Moisture | | % | n/a | 17.8 | 24.4 | 12.7 | 22 | 0.00 | 18.2 | 54.5 | 28.5 |
| | Stone content (as received) | | % | n/a | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| 2140 | Soil colour | | | n/a | brown | brown | brown | brown | brown | brown | brown | brown |
| | Soil texture | | | n/a | sand | sand | sand | sand | sand | sand | sand | sand |
| | Other material | | | n/a | stones | stones | stones | stones | stones | stones | stones | stones |
| 2186 | Asbestos (presence/absence) | | - | N | not detected | not detected | not detected | not detected | not detected | not detected | not detected | not detected |
| 2610 | Loss on ignition | | % | N | 7.51 | 1.16 | 1.33 | 7.06 | | | 14.3 | |

| | | | | | | | | |
|--|------|--------|-------------------------------------|--|------------------------------|---------|--|--|
| GROUND ENGINEERING Geo-Environmental Specialists 01733 566566 | | | Site: BOAL QUAY, KING'S LYNN | | | | WINDOW SAMPLE AWS2 | |
| | | | Date: 29/04/08 | | Hole Size: 80mm dia to 3.00m | | 561920 mE 319060 mN Ground Level: 4.10m. O.D. | |
| Samples and in-situ Tests | | | (Date) | Description of Strata | Legend | Depth m | O.D. Level m | |
| Depth m | Type | Result | Water | | | | | |
| 0.30 | D1 | | | MADE GROUND - Brown, sandy SILT. | | 0.10 | 4.00 | |
| 0.60 | D2 | | | MADE GROUND - Brown, silty gravelly SAND. Gravel of angular flint and brick. | | 0.40 | 3.70 | |
| 0.90 | D3 | | | MADE GROUND - Red brown, silty SAND and GRAVEL. Gravel of angular brick. | | 0.90 | 3.20 | |
| 1.20 | D4 | | | MADE GROUND - Firm, brown, friable, slightly gravelly, slightly sandy CLAY. Gravel of angular and sub-angular brick and chalk. | | 1.20 | 2.90 | |
| 2.50 | D5 | | 1 ▼ | Brown and orange-brown mottled, clayey SILT. | | | | |
| | | | 1 ▼ | Hole completed at 3.00m depth | | 3.00 | 1.10 | |

| | | |
|--|---------------------|-------------|
| REMARKS 1. Pit excavated from 0.00m to 1.20m | Project No 11401 | |
| | Scale 1:50 | Page 1/1 |

| | | | | | | | | | |
|---|---------------------|--------|------------|------|-------|--------------------------|------|------|--------|
| KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed Sample W - Water Sample ▽ Water Strike ▼ Depth to Water on completion J - Jar Sample M - Mackintosh Probe V - Vane Shear Test Cohesion () kPa P () - Hand Penetrometer Cohesion () kPa ▼s Standpipe Level | Groundwater Strikes | | | | | Groundwater Observations | | | |
| | Depth m | | | | | Depth m | | | |
| | No | Struck | Rose to | Rate | Cased | Sealed | Date | Hole | Casing |
| 1 | 3.00 | 2.50 | quick/fast | | | | | | |

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 01 May 2008

Report Date
09 May 2008

FAO Sasha Layton

Boal Quay

| Login Batch No | | | | | 38967 | | | | | | | |
|---------------------|-----------------------------------|---------------------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Chemtest LIMS ID | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| Sample ID | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| Sample No | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| Depth | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| Matrix | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| SOP↓ | Determinand↓ | CAS No↓ | Units↓ | * | | | | | | | | |
| 2300 | Cyanide (total) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | 0.8 | 2.7 | 5.0 |
| 2310 | Cyanide (free) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2330 | Thiocyanate | 302045 | mg kg ⁻¹ | M | < 5.0 | < 5.0 | < 5.0 | < 5.0 | | | < 5.0 | |
| 2410 | Ammoniacal Nitrogen (extractable) | 7664417 | mg kg ⁻¹ | M | 1.9 | 2.3 | 6.5 | 4.8 | | | i/s | |
| 2625 | Total Organic Carbon | | % | M | 3.2 | 0.72 | 4.7 | 0.52 | | | 19 | |
| 2120 | Sulfate (2:1 water soluble) | 14808798 | g l ⁻¹ | M | 0.61 | 0.03 | 0.07 | 0.22 | | | <0.01 | |
| 2170 | Sulfur (elemental) | 7704349 | mg kg ⁻¹ | N | 8 | 5 | 36 | 3 | | | 8600 | |
| 2230 | Chloride (extractable) | 16887006 | g l ⁻¹ | N | 0.018 | 0.21 | 0.019 | 0.039 | | | I/S | |
| | Nitrate (extractable) as N | 14797558 | g l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | | | I/S | |
| | Nitrite (extractable) as N | 14797650 | mg kg ⁻¹ | N | 0.034 | 0.15 | 0.12 | 0.38 | | | I/S | |
| 2450 | Arsenic | 7440382 | mg kg ⁻¹ | M | 5.2 | 5.7 | 23 | 17 | 26 | 7.4 | 16 | 46 |
| | Barium | 7440393 | mg kg ⁻¹ | M | 23 | 25 | 170 | 100 | 180 | 94 | 130 | 600 |
| | Beryllium | 7440417 | mg kg ⁻¹ | M | <1 | <1 | 2.1 | <1 | 2.6 | <1 | 1.2 | 5.3 |
| | Cadmium | 7440439 | mg kg ⁻¹ | M | 0.14 | 0.15 | 0.11 | <0.1 | 0.27 | <0.1 | 0.13 | 1.4 |
| | Chromium | 7440473 | mg kg ⁻¹ | M | 8.7 | 10 | 28 | 34 | 25 | 18 | 22 | 36 |
| | Copper | 7440508 | mg kg ⁻¹ | M | 80 | 12 | 130 | 13 | 55 | 5.8 | 73 | 310 |
| | Mercury | 7439976 | mg kg ⁻¹ | M | 0.16 | 0.15 | 0.78 | <0.1 | 0.49 | <0.1 | 0.44 | 1.3 |
| | Nickel | 7440020 | mg kg ⁻¹ | M | 8.1 | 8.6 | 33 | 29 | 33 | 17 | 24 | 65 |
| | Lead | 7439921 | mg kg ⁻¹ | M | 39 | 36 | 140 | 19 | 140 | 9.5 | 150 | 7600 |
| | Selenium | 7782492 | mg kg ⁻¹ | M | <0.2 | <0.2 | <0.2 | <0.2 | 0.34 | <0.2 | <0.2 | 0.59 |
| | Vanadium | 7440622 | mg kg ⁻¹ | M | 11 | 13 | 52 | 47 | 54 | 22 | 34 | 57 |
| 2675 | Zinc | 7440666 | mg kg ⁻¹ | M | 77 | 35 | 100 | 56 | 110 | 32 | 160 | 840 |
| | TPH aliphatic >C5-C6 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C6-C8 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C8-C10 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C10-C12 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C12-C16 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C16-C21 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| | TPH aliphatic >C21-C35 | | mg kg ⁻¹ | N | | | | | | | <0.1 | |
| TPH aromatic >C5-C7 | | mg kg ⁻¹ | N | | | | | | | <0.1 | | |

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 01 May 2008

Report Date
09 May 2008

Boal Quay

| | | | | 38967 | | | | | | | |
|------|------------------------------|--------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2675 | TPH aromatic >C7-C8 | | mg kg ⁻¹ | N | | | | | | | <0.1 |
| | TPH aromatic >C8-C10 | | mg kg ⁻¹ | N | | | | | | | <0.1 |
| | TPH aromatic >C10-C12 | | mg kg ⁻¹ | N | | | | | | | 0.1 |
| | TPH aromatic >C12-C16 | | mg kg ⁻¹ | N | | | | | | | 12 |
| | TPH aromatic >C16-C21 | | mg kg ⁻¹ | N | | | | | | | 100 |
| | TPH aromatic >C21-C35 | | mg kg ⁻¹ | N | | | | | | | 300 |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | N | | | | | | | 410 |
| 2676 | TPH >C5-C6 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C6-C7 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C7-C8 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C8-C10 | | mg kg ⁻¹ | M | 0.5 | <0.1 | 2.2 | <0.1 | | | |
| | TPH >C10-C12 | | mg kg ⁻¹ | M | 3.7 | <0.1 | 5.8 | 1.5 | | | |
| | TPH >C12-C16 | | mg kg ⁻¹ | M | 11 | 2.0 | 22 | 3.8 | | | |
| | TPH >C16-C21 | | mg kg ⁻¹ | M | 35 | 2.9 | 110 | 4.0 | | | |
| | TPH >C21-C35 | | mg kg ⁻¹ | M | 190 | 8.3 | 530 | 10 | | | |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | N | 240 | 13 | 670 | 19 | | | |
| 2700 | Naphthalene | 91203 | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.1 | <0.1 | | | <0.1 |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | M | 0.2 | <0.1 | 0.6 | <0.1 | | | <0.1 |
| | Acenaphthene | 83329 | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.3 | <0.1 | | | <0.1 |
| | Fluorene | 86737 | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | | | <0.1 |
| | Phenanthrene | 85018 | mg kg ⁻¹ | M | 1.6 | <0.1 | 6.9 | <0.1 | | | 0.9 |
| | Anthracene | 120127 | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.7 | <0.1 | | | <0.1 |
| | Fluoranthene | 206440 | mg kg ⁻¹ | M | 5.9 | <0.1 | 20 | <0.1 | | | 2.5 |
| | Pyrene | 129000 | mg kg ⁻¹ | M | 3.6 | <0.1 | 15 | <0.1 | | | 6.2 |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | M | 2.5 | <0.1 | 10 | <0.1 | | | <0.1 |
| | Chrysene | 218019 | mg kg ⁻¹ | M | 4.4 | <0.1 | 16 | <0.1 | | | 0.2 |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | M | 7 | <0.1 | 20 | <0.1 | | | 0.7 |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | M | 2.9 | <0.1 | 18 | <0.1 | | | 0.4 |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | M | 5.4 | <0.1 | 18 | <0.1 | | | <0.1 |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | M | 0.9 | <0.1 | 4.6 | <0.1 | | | <0.1 |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | M | 6.4 | <0.1 | 21 | <0.1 | | | 0.4 |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 2 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Report Date
09 May 2008

Results of analysis of 9 samples
received 01 May 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|--------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2700 | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | M | 6.8 | <0.1 | 21 | <0.1 | | | <0.1 | |
| | Total (of 16) PAHs | | mg kg ⁻¹ | M | 48 | <2 | 170 | <2 | | | 11 | |
| 2760 | Benzene | 71432 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Dichlorodifluoromethane | 75718 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Chloromethane | 74873 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Toluene | 108883 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Ethyl benzene | 100414 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Vinyl chloride | 75014 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Bromomethane | 74839 | µg kg ⁻¹ | U | | | | | | | <20 | |
| | m- & p-Xylene | 1330207 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Chloroethane | 75003 | µg kg ⁻¹ | U | | | | | | | <2 | |
| | o-Xylene | 95476 | µg kg ⁻¹ | M | <1 | <1 | <1 | <1 | | | | |
| | Trichlorofluoromethane | 75694 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,1-Dichloroethene | 75354 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Dichloromethane | 75092 | µg kg ⁻¹ | U | | | | | | | ne | |
| | trans-1,2-Dichloroethene | 156605 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1-Dichloroethane | 75343 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | cis-1,2-Dichloroethene | 156592 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Bromochloromethane | 74975 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Trichloromethane | 67663 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1,1-Trichloroethane | 71556 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Tetrachloromethane | 56235 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1-Dichloropropene | 563586 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Benzene | 71432 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,2-Dichloroethane | 107062 | µg kg ⁻¹ | M | | | | | | | <2 | |
| | Trichloroethene | 79016 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2-Dichloropropane | 78875 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Dibromomethane | 74953 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | Bromodichloromethane | 75274 | µg kg ⁻¹ | U | | | | | | | <5 | |
| | cis-1,3-Dichloropropene | 10061015 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | Toluene | 108883 | µg kg ⁻¹ | M | | | | | | | <1 | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 3 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Results of analysis of 9 samples
 received 01 May 2008

Report Date
 09 May 2008

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|-----------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | trans-1,3-Dichloropropene | 10061026 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | 1,1,2-Trichloroethane | 79005 | µg kg ⁻¹ | M | | | | | | | <10 | |
| | Tetrachloroethene | 127184 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,3-Dichloropropane | 142289 | µg kg ⁻¹ | U | | | | | | | <2 | |
| | Dibromochloromethane | 124481 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | 1,2-Dibromoethane | 106934 | µg kg ⁻¹ | U | | | | | | | <5 | |
| | Chlorobenzene | 108907 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | 1,1,1,2-Tetrachloroethane | 630206 | µg kg ⁻¹ | M | | | | | | | <2 | |
| | Ethylbenzene | 100414 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | m- & p-Xylene | 1330207 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | o-Xylene | 95476 | µg kg ⁻¹ | M | | | | | | | <1 | |
| | Styrene | 100425 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Tribromomethane | 75252 | µg kg ⁻¹ | U | | | | | | | <10 | |
| | Isopropylbenzene | 98828 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | Bromobenzene | 108861 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,1,1,2,2-Tetrachloroethane | 79345 | µg kg ⁻¹ | M | | | | | | | <10 | |
| | 1,2,3-Trichloropropane | 96184 | µg kg ⁻¹ | U | | | | | | | <50 | |
| | n-Propylbenzene | 103651 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 2-Chlorotoluene | 95498 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,3,5-Trimethylbenzene | 108678 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 4-Chlorotoluene | 106434 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | tert-Butylbenzene | 98066 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2,4-Trimethylbenzene | 95636 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | sec-Butylbenzene | 135988 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,3-Dichlorobenzene | 541731 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 4-Isopropyltoluene | 99876 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,4-Dichlorobenzene | 106467 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | n-Butylbenzene | 104518 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2-Dichlorobenzene | 95501 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2-Dibromo-3-chloropropane | 96128 | µg kg ⁻¹ | U | | | | | | | <50 | |
| | 1,2,4-Trichlorobenzene | 120821 | µg kg ⁻¹ | U | | | | | | | <1 | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 4 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 01 May 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|-----------------------------|--------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | Hexachlorobutadiene | 87683 | µg kg ⁻¹ | U | | | | | | | <1 | |
| | 1,2,3-Trichlorobenzene | 87616 | µg kg ⁻¹ | U | | | | | | | <2 | |
| 2790 | N-Nitrosodimethylamine | 62759 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Phenol | 108952 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | bis(2-Chloroethyl)ether | 111444 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2-Chlorophenol | 95578 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 1,3-Dichlorobenzene | 541731 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 1,4-Dichlorobenzene | 106467 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 1,2-Dichlorobenzene | 95501 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2-Methylphenol | 95487 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | bis(2-Chloroisopropyl)ether | 108601 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 4-Methylphenol | 106445 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | N-Nitrosodi-n-propylamine | 621647 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Hexachloroethane | 67721 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Nitrobenzene | 98953 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Isophorone | 78591 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2-Nitrophenol | 88755 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2,4-Dimethylphenol | 105679 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | bis(2-Chloroethoxy)methane | 111911 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2,4-Dichlorophenol | 120832 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 1,2,4-Trichlorobenzene | 120821 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Naphthalene | 91203 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 4-Chloroaniline | 106478 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Hexachlorobutadiene | 87683 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 4-Chloro-3-methylphenol | 59507 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2-Methylnaphthalene | 91576 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Hexachlorocyclopentadiene | 77474 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2,4,6-Trichlorophenol | 88062 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2,4,5-Trichlorophenol | 95954 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2-Chloronaphthalene | 91587 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2-Nitroaniline | 88744 | mg kg ⁻¹ | N | | | | | | | <0.5 | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 5 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 01 May 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | Dimethylphthalate | 131113 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2,6-Dinitrotoluene | 606202 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 3-Nitroaniline | 99092 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Acenaphthene | 83329 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Dibenzofuran | 132649 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2,4-Dinitrotoluene | 121142 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Diethylphthalate | 84662 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Fluorene | 86737 | mg kg ⁻¹ | N | | | | | | | 0.9 | |
| | 4-Chlorophenylether | 7005723 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 4-Nitroaniline | 100016 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 2-Methyl-4,6-dinitrophenol | 534521 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Azobenzene | 103333 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | 4-Bromophenylphenylether | 101553 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Hexachlorobenzene | 118741 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Pentachlorophenol | 87865 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Phenanthrene | 85018 | mg kg ⁻¹ | N | | | | | | | 15 | |
| | Anthracene | 120127 | mg kg ⁻¹ | N | | | | | | | 2.2 | |
| | Carbazole | 86748 | mg kg ⁻¹ | N | | | | | | | 1.3 | |
| | Di-n-butylphthalate | 84742 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Fluoranthene | 206440 | mg kg ⁻¹ | N | | | | | | | 11 | |
| | Pyrene | 129000 | mg kg ⁻¹ | N | | | | | | | 8.7 | |
| | Butylbenzylphthalate | 85687 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | N | | | | | | | 2.3 | |
| | Chrysene | 218019 | mg kg ⁻¹ | N | | | | | | | 3.8 | |
| | bis(2-Ethylhexyl)phthalate | 117817 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Di-n-octylphthalate | 117840 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | N | | | | | | | 2.6 | |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | N | | | | | | | 1.8 | |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | N | | | | | | | 2.3 | |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | N | | | | | | | 1.5 | |

All tests undertaken between 06-May-2008 and 9-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 6 of 7

Report sample ID range AC99437 to AC99449

LABORATORY TEST REPORT

Report Date
 09 May 2008

Results of analysis of 9 samples
 received 01 May 2008

Boal Quay

| | | | | | 38967 | | | | | | | |
|------|-----------------------------|--------|---------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | | AC99437 | AC99438 | AC99439 | AC99440 | AC99441 | AC99444 | AC99445 | AC99448 |
| | | | | | AWS1 | AWS1 | AWS2 | AWS2 | AWS3 | AWS4 | AWS4 | AWS5 |
| | | | | | E1 | E2 | E1 | E2 | E1 | E1 | E2 | E1 |
| | | | | | 0.7 | 3.0 | 0.3 | 2.5 | 0.1 | 0.1 | 2.0 | 0.1 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | N | | | | | | | <0.5 | |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | N | | | | | | | 1.5 | |
| 2920 | Catechols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Phenol | 108952 | mg kg ⁻¹ | M | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Cresols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Xylenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Naphthols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Trimethyl phenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | | | <0.05 | |
| | Phenols (total) | | mg kg ⁻¹ | U | <0.3 | <0.3 | <0.3 | <0.3 | | | <0.3 | |
| 2010 | pH | | - | M | 7.5 | 8.0 | 7.4 | 8.2 | 7.7 | 7.5 | 7.7 | 7.0 |
| 2030 | Moisture | | % | n/a | 17.8 | 24.4 | 12.7 | 22 | 0.00 | 18.2 | 54.5 | 28.5 |
| | Stone content (as received) | | % | n/a | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| 2140 | Soil colour | | | n/a | brown | brown | brown | brown | brown | brown | brown | brown |
| | Soil texture | | | n/a | sand | sand | sand | sand | sand | sand | sand | sand |
| | Other material | | | n/a | stones | stones | stones | stones | stones | stones | stones | stones |
| 2186 | Asbestos (presence/absence) | | - | N | not detected | not detected | not detected | not detected | not detected | not detected | not detected | not detected |
| 2610 | Loss on ignition | | % | N | 7.51 | 1.16 | 1.33 | 7.06 | | | 14.3 | |

| GROUND ENGINEERING Geo-Environmental Specialists 01733 566566 | | | Site: BOAL QUAY, KING'S LYNN | | | | BOREHOLE BH21 561962 mE 319639 mN Ground Level: 4.19m. O.D. | | |
|---|------|-------|------------------------------|-------|--|--------|---|--------------|--|
| Samples and in-situ Tests | | | (Date) | Inst. | Description of Strata | Legend | Depth m | O.D. Level m | |
| Depth m | Type | Blows | Casing | | | | | | |
| 0.00-0.30 | B1 | | | | MADE GROUND - Dark brown, slightly gravelly, sandy SILT. Gravel of angular to rounded flint. | | 0.30 | 3.89 | |
| 0.30-0.70 | B2 | | | | MADE GROUND - Brown, light brown, slightly gravelly, sandy SILT. Gravel of angular to rounded flint, brick and ash. | | | | |
| 0.50 | E1 | | | | | | | | |
| 1.20-1.65 | U1 | 15 | | | | | | | |
| 1.50 | E2 | | | | MADE GROUND - Soft, brown, orange-brown and grey, slightly sandy, slightly gravelly CLAY. Gravel of angular to rounded shell, brick, ash and wood fragments. | | 1.60 | 2.59 | |
| 1.60-2.00 | B3 | | | | | | | | |
| 1.75 | D1 | | | | | | | | |
| 2.00-2.50 | B4 | | | | | | | | |
| 2.15-2.45 | C | N4 | 1.50 | | Soft, dark grey and brown mottled, slightly organic CLAY, with occasional grey silt partings. | | 2.30 | 1.89 | |
| 2.70 | E3 | | | | | | | | |
| 3.00-3.50 | B5 | | | | ...becoming very soft below 3.00m. | | | | |
| 3.15-3.45 | S | N2 | 3.00 | | | | | | |
| 3.45 | D2 | | | | | | | | |
| 3.90 | D3 | | | | | | | | |
| 4.00-4.50 | B6 | | | | Firm, black, locally spongy, pseudo-fibrous PEAT, with occasional grey slightly organic clay partings. | | 4.80 | -0.61 | |
| 4.15-4.45 | S | N3 | 4.00 | | | | | | |
| 4.45 | D4 | | | | | | | | |
| 4.80 | D5 | | | | | | | | |
| 4.90-5.35 | U2 | 30 | 4.50 | | Very soft, grey and brown mottled CLAY, with occasional part decayed organic fragments. | | 6.00 | -1.81 | |
| 5.35 | D6 | | | | | | | | |
| 5.50-6.00 | B7 | | | | | | | | |
| 6.00-6.50 | B8 | | | | | | | | |
| 6.15-6.45 | S | N3 | 4.50 | | Dark grey, silty SAND. | | 9.30 | -5.11 | |
| 6.45 | D7 | | | | | | | | |
| 7.00 | D8 | | | | | | | | |
| 7.50-8.00 | B9 | | | | | | | | |
| 7.65-7.95 | S | N2 | 6.00 | | | | | | |
| 7.95 | D9 | | | | | | | | |
| 8.50 | D10 | | | | | | | | |
| 9.00-9.30 | B10 | | | | | | | | |
| 9.15-9.45 | S | N9 | 9.00 | | | | | | |
| 9.30-10.00 | B11 | | | | | | | | |
| 9.45 | D11 | | | | | | | | |
| | | | | | | | 10.00 | -5.81 | |

| | | |
|---|---------------------|-------------|
| REMARKS 1. Excavating a pit from 0.00m to 1.20m for 1 hour 2. E denotes environmental sample 3. Suspected groundwater strike in gravel, water standing at 7.20m 4. Falling head test undertaken at 9.00m 5. Borehole cased to 11.50m depth 6. Gas monitoring standpipes installed to 3.00m and 11.00m depth | Project No 11401 | |
| | Scale 1:50 | Page 1/2 |

| KEY D - Disturbed Sample B - Bulk Sample U - Undisturbed Sample W - Water Sample S/C - SPT Spoon/Cone ▽ Water Strike ▽ Water Rise | N - SPT Blows for 0.3m + - Blows for quoted penetration V - Vane Shear Test Cohesion () kPa ▽c Level on completion c▽w Level casing withdrawn ▽s Standpipe Level | Groundwater Strikes | | | | | Groundwater Observations | | | | |
|--|---|---------------------|--------|---------|---------|-------|--------------------------|----------------------------------|-----------------------|-----------------------|--------------------|
| | | Depth m | | | | | Depth m | | | | |
| | | No | Struck | Rose to | Rate | Cased | Sealed | Date | Hole | Casing | Water |
| | | 1 | 2.30 | | seepage | 1.50 | 4.50 | 04/03/08 05/03/08 05/03/08 | 9.00 9.00 20.00 | 7.50 7.50 11.50 | dry damp dry |

| GROUND ENGINEERING Geo-Environmental Specialists 01733 566566 | | | Site: BOAL QUAY, KING'S LYNN | | | | BOREHOLE BH21 | | | |
|---|------|-------|--------------------------------------|-------|---|--------|--|--------------|-------|--|
| | | | Date: 04/03/08 to 05/03/08 | | Hole Size: 150mm dia to 20.00m | | 561962 mE 319639 mN Ground Level: 4.19m. O.D. | | | |
| Samples and in-situ Tests | | | (Date) Casing | Inst. | Description of Strata | Legend | Depth m | O.D. Level m | | |
| Depth m | Type | Blows | | | | | | | | |
| 10.50-10.70 | B12 | | 10.50 | | Dark grey, silty SAND and GRAVEL. Gravel of angular to rounded flint. | | 10.00 | -5.81 | | |
| 10.65-10.95 | C | N18 | | | Firm, grey, CLAY with rare shell fragments. | | | 10.70 | -6.51 | |
| 12.00-12.45 | B13 | | ...becoming stiff below 12.00m. | | 13.20 | -9.01 | | | | |
| 12.15-12.45 | C | N27 | 11.50 | | | | | 11.50 | 11.50 | |
| 12.45 | D12 | | | | | | | | | |
| 13.20 | D13 | | 11.50 | | Stiff, fissured, locally fissured to firm, dark grey CLAY, with occasional shell fragments and occasional light grey silt partings. | 13.20 | -9.01 | | | |
| 13.50-13.95 | U3 | 55 | | | | | | | | |
| 13.95 | D14 | | 11.50 | | ...becoming very stiff below 15.00m. | 13.20 | -9.01 | | | |
| 14.50 | D15 | | | | | | | | | |
| 15.00-15.50 | B14 | | 11.50 | | ...locally closely fissured below 16.00m. | 13.20 | -9.01 | | | |
| 15.15-15.45 | S | N39 | | | | | | | | |
| 15.45 | D16 | | 11.50 | | 16.00 | -9.01 | | | | |
| 16.00 | D17 | | | | | | | | | |
| 16.50-17.00 | B15 | | 11.50 | | 16.50-17.00 | -9.01 | | | | |
| 16.65-16.95 | S | N46 | | | | | | | | |
| 16.95 | D18 | | 11.50 | | 16.95 | -9.01 | | | | |
| 18.00-18.50 | B16 | | | | | | | | | |
| 18.15-18.45 | S | N47 | 11.50 | | 18.00-18.50 | -9.01 | | | | |
| 18.45 | D19 | | | | | | | | | |
| 19.00 | D20 | | 11.50 | | 19.00 | -9.01 | | | | |
| 19.65-19.95 | S | N55 | | | | | | | | |
| 20.00 | D21 | | | | | 20.00 | -15.81 | | | |
| REMARKS | | | | | | | Borehole completed at 20.00m depth | | | |
| | | | | | | | Project No 11401 | | | |
| | | | | | | | Scale 1:50 | Page 2/2 | | |
| KEY | | | Groundwater Strikes | | | | Groundwater Observations | | | |
| D - Disturbed Sample | | | N - SPT Blows for 0.3m | | | | Depth m | | | |
| B - Bulk Sample | | | * - Blows for quoted penetration | | | | Date | | | |
| U - Undisturbed Sample | | | V - Vane Shear Test Cohesion () kPa | | | | Hole | | | |
| W - Water Sample | | | Level on completion | | | | Casing | | | |
| S/C - SPT Spoon/Cone | | | Level casing withdrawn | | | | Water | | | |
| ☒ Water Strike | | | ☒ Level casing withdrawn | | | | | | | |
| ☒ Water Rise | | | ☒ Standpipe Level | | | | | | | |

Mouchel Parkman
Knights House
2 Parade
Sutton Coldfield
West Midlands B72 1PH

LABORATORY TEST REPORT

Chemtest

Report Date
13 March 2008

Results of analysis of 18 samples
received 06 March 2008

FAO Sasha Layton

Boal Quay

| Login Batch No | | | | | 38137 | | | | | | | |
|------------------|----------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Chemtest LIMS ID | | | | | AC82153 | AC82154 | AC82155 | AC82156 | AC82157 | AC82158 | AC82159 | AC82160 |
| Sample ID | | | | | WS16 | WS16 | WS17 | WS17 | BH21 | BH21 | BH21 | TP5 |
| Sample No | | | | | P1 | P2 | P1 | P2 | E1 | E2 | E3 | ES1 |
| Depth | | | | | 0.5 | 1.6 | 0.5 | 2.5 | 0.5 | 1.5 | 2.7 | 1.8 |
| Matrix | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| SOP↓ | Determinand↓ | CAS No↓ | Units↓ | * | | | | | | | | |
| 2300 | Cyanide (total) | 57125 | mg kg ⁻¹ | M | 0.7 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | 5.2 |
| 2310 | Cyanide (free) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2410 | Ammonium (extractable) | 7664417 | mg kg ⁻¹ | M | 3.1 | 2.5 | 2.9 | 34 | 5.4 | 6.4 | 44 | 19 |
| 2625 | Total Organic Carbon | | % | M | 0.99 | 0.53 | 1.5 | 1.7 | 0.78 | 1.7 | 0.60 | 18 |
| 2230 | Nitrate (extractable) | 14797558 | g l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | 0.049 | 0.025 | <0.01 | <0.01 |
| | Nitrate (extractable) as N | 14797558 | g l ⁻¹ | N | | | | | | | | |
| | Nitrite (extractable) | 14797650 | mg kg ⁻¹ | N | 0.20 | 0.50 | 0.56 | 0.30 | 2.8 | 5.4 | 0.94 | 0.54 |
| | Nitrite (extractable) as N | 14797650 | mg kg ⁻¹ | N | | | | | | | | |
| 2450 | Arsenic | 7440382 | mg kg ⁻¹ | M | 15 | 9.2 | 18 | 10 | 12 | 14 | 8.5 | 53 |
| | Barium | 7440393 | mg kg ⁻¹ | M | 85 | 92 | 230 | 65 | 100 | 110 | 120 | 510 |
| | Beryllium | 7440417 | mg kg ⁻¹ | | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 4.2 |
| | Vanadium | 7440622 | mg kg ⁻¹ | M | 38 | 23 | 29 | 31 | 44 | 43 | 36 | 59 |
| | Cadmium | 7440439 | mg kg ⁻¹ | M | 0.10 | <0.1 | 0.36 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Chromium | 7440473 | mg kg ⁻¹ | M | 18 | 16 | 20 | 19 | 31 | 26 | 26 | 27 |
| | Copper | 7440508 | mg kg ⁻¹ | M | 19 | 8.6 | 30 | 16 | 12 | 19 | 9.9 | 210 |
| | Mercury | 7439976 | mg kg ⁻¹ | M | 0.55 | 0.14 | 0.63 | 0.11 | <0.1 | 0.15 | <0.1 | 56 |
| | Nickel | 7440020 | mg kg ⁻¹ | M | 10 | 15 | 17 | 21 | 28 | 29 | 25 | 71 |
| | Lead | 7439921 | mg kg ⁻¹ | M | 170 | 21 | 94 | 44 | 21 | 56 | 16 | 5200 |
| | Selenium | 7782492 | mg kg ⁻¹ | M | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | 0.28 |
| | Zinc | 7440666 | mg kg ⁻¹ | M | 95 | 35 | 260 | 52 | 61 | 61 | 51 | 580 |
| 2675 | TPH aliphatic >C5-C6 | | mg kg ⁻¹ | N | | | | | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH aliphatic >C6-C8 | | mg kg ⁻¹ | N | | | | | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH aliphatic >C8-C10 | | mg kg ⁻¹ | N | | | | | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH aliphatic >C10-C12 | | mg kg ⁻¹ | N | | | | | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH aliphatic >C12-C16 | | mg kg ⁻¹ | N | | | | | <0.1 | <0.1 | <0.1 | 4.3 |
| | TPH aliphatic >C16-C21 | | mg kg ⁻¹ | N | | | | | <0.1 | <0.1 | <0.1 | 58 |
| | TPH aliphatic >C21-C35 | | mg kg ⁻¹ | N | | | | | <0.1 | <0.1 | <0.1 | 910 |
| | TPH aromatic >C5-C7 | | mg kg ⁻¹ | N | | | | | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH aromatic >C7-C8 | | mg kg ⁻¹ | N | | | | | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH aromatic >C8-C10 | | mg kg ⁻¹ | N | | | | | <0.1 | <0.1 | <0.1 | <0.1 |

All tests undertaken between 07-Mar-2008 and 13-Mar-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 3 of 9

Report sample ID range AC82153 to AC82170

LABORATORY TEST REPORT

Report Date
13 March 2008

Results of analysis of 18 samples
received 06 March 2008

FAO Sasha Layton

Boal Quay

| | | | | 38137 | | | | | | | | |
|------|------------------------------|--------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|------|
| | | | | AC82153 | AC82154 | AC82155 | AC82156 | AC82157 | AC82158 | AC82159 | AC82160 | |
| | | | | WS16 | WS16 | WS17 | WS17 | BH21 | BH21 | BH21 | TP5 | |
| | | | | P1 | P2 | P1 | P2 | E1 | E2 | E3 | ES1 | |
| | | | | 0.5 | 1.6 | 0.5 | 2.5 | 0.5 | 1.5 | 2.7 | 1.8 | |
| | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | |
| 2675 | TPH aromatic >C10-C12 | | mg kg ⁻¹ | | | | | | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH aromatic >C12-C16 | | mg kg ⁻¹ | | | | | | <0.1 | <0.1 | <0.1 | 0.5 |
| | TPH aromatic >C16-C21 | | mg kg ⁻¹ | | | | | | <0.1 | <0.1 | 0.6 | 6.9 |
| | TPH aromatic >C21-C35 | | mg kg ⁻¹ | | | | | | <0.1 | <0.1 | 1.1 | 24 |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | | | | | | <20 | <20 | <20 | 1000 |
| 2676 | TPH >C5-C6 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | | | | |
| | TPH >C6-C7 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | | | | |
| | TPH >C7-C8 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | | | | |
| | TPH >C8-C10 | | mg kg ⁻¹ | M | 0.2 | <0.1 | <0.1 | <0.1 | | | | |
| | TPH >C10-C12 | | mg kg ⁻¹ | M | 9.9 | <0.1 | <0.1 | 0.1 | | | | |
| | TPH >C12-C16 | | mg kg ⁻¹ | M | 71 | 2.6 | 4.2 | 4.4 | | | | |
| | TPH >C16-C21 | | mg kg ⁻¹ | M | 220 | 6.5 | 13 | 8.4 | | | | |
| | TPH >C21-C35 | | mg kg ⁻¹ | M | 350 | 8.2 | 40 | 14 | | | | |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | N | 650 | <20 | 57 | 27 | | | | |
| 2700 | Naphthalene | 91203 | mg kg ⁻¹ | M | 0.6 | <0.1 | 0.4 | 0.2 | <0.1 | <0.1 | <0.1 | 0.7 |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | M | 0.3 | <0.1 | 0.3 | 0.1 | <0.1 | <0.1 | <0.1 | 0.6 |
| | Acenaphthene | 83329 | mg kg ⁻¹ | M | 0.7 | 0.5 | 0.2 | 0.2 | <0.1 | <0.1 | 0.1 | 0.7 |
| | Fluorene | 86737 | mg kg ⁻¹ | M | 0.6 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.5 |
| | Phenanthrene | 85018 | mg kg ⁻¹ | M | 4 | <0.1 | 1.5 | 0.2 | <0.1 | <0.1 | <0.1 | 1.5 |
| | Anthracene | 120127 | mg kg ⁻¹ | M | 0.9 | <0.1 | 0.7 | 0.2 | <0.1 | <0.1 | <0.1 | 0.8 |
| | Fluoranthene | 206440 | mg kg ⁻¹ | M | 5.2 | 0.1 | 3 | <0.1 | <0.1 | <0.1 | 0.2 | 3.7 |
| | Pyrene | 129000 | mg kg ⁻¹ | M | 4.4 | <0.1 | 2.6 | <0.1 | <0.1 | <0.1 | 0.1 | 3.3 |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | M | 2.4 | <0.1 | 1.6 | <0.1 | <0.1 | <0.1 | <0.1 | 1.1 |
| | Chrysene | 218019 | mg kg ⁻¹ | M | 2.8 | <0.1 | 1.9 | 0.1 | <0.1 | <0.1 | 0.2 | 1.4 |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | M | 2.6 | <0.1 | 1.8 | <0.1 | <0.1 | <0.1 | 0.2 | 0.4 |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | M | 1.9 | <0.1 | 1.6 | <0.1 | <0.1 | <0.1 | 0.2 | 0.4 |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | M | 2.6 | <0.1 | 1.7 | <0.1 | <0.1 | <0.1 | 0.3 | 0.2 |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | M | 0.2 | <0.1 | 0.3 | <0.1 | <0.1 | <0.1 | 0.3 | 0.1 |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | M | 1.7 | 0.1 | 1.3 | <0.1 | <0.1 | <0.1 | 0.5 | 0.4 |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | M | 1.7 | 0.1 | 1.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.2 |
| | Total (of 16) PAHs | | mg kg ⁻¹ | M | 33 | <2 | 20 | <2 | <2 | <2 | 2 | 16 |

All tests undertaken between 07-Mar-2008 and 13-Mar-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 4 of 9

Report sample ID range AC82153 to AC82170

LABORATORY TEST REPORT

Report Date
13 March 2008

Results of analysis of 18 samples
received 06 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38137 | | | | | | | |
|------|---------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC82153 | AC82154 | AC82155 | AC82156 | AC82157 | AC82158 | AC82159 | AC82160 |
| | | | | | WS16 | WS16 | WS17 | WS17 | BH21 | BH21 | BH21 | TP5 |
| | | | | | P1 | P2 | P1 | P2 | E1 | E2 | E3 | ES1 |
| | | | | | 0.5 | 1.6 | 0.5 | 2.5 | 0.5 | 1.5 | 2.7 | 1.8 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | Dichlorodifluoromethane | 75718 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | Chloromethane | 74873 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | Vinyl chloride | 75014 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | Bromomethane | 74839 | µg kg ⁻¹ | U | | | | | <20 | <20 | <20 | <20 |
| | Chloroethane | 75003 | µg kg ⁻¹ | U | | | | | <2 | <2 | <2 | <2 |
| | Trichlorofluoromethane | 75694 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 1,1-Dichloroethene | 75354 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | Dichloromethane | 75092 | µg kg ⁻¹ | U | | | | | ne | ne | ne | ne |
| | trans-1,2-Dichloroethene | 156605 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | 1,1-Dichloroethane | 75343 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | cis-1,2-Dichloroethene | 156592 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | Bromochloromethane | 74975 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | Trichloromethane | 67663 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | 1,1,1-Trichloroethane | 71556 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | Tetrachloromethane | 56235 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | 1,1-Dichloropropene | 563586 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | Benzene | 71432 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | 1,2-Dichloroethane | 107062 | µg kg ⁻¹ | M | | | | | <2 | <2 | <2 | <2 |
| | Trichloroethene | 79016 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 1,2-Dichloropropane | 78875 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | Dibromomethane | 74953 | µg kg ⁻¹ | U | | | | | <10 | <10 | <10 | <10 |
| | Bromodichloromethane | 75274 | µg kg ⁻¹ | U | | | | | <5 | <5 | <5 | <5 |
| | cis-1,3-Dichloropropene | 10061015 | µg kg ⁻¹ | U | | | | | <10 | <10 | <10 | <10 |
| | Toluene | 108883 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | trans-1,3-Dichloropropene | 10061026 | µg kg ⁻¹ | U | | | | | <10 | <10 | <10 | <10 |
| | 1,1,2-Trichloroethane | 79005 | µg kg ⁻¹ | M | | | | | <10 | <10 | <10 | <10 |
| | Tetrachloroethene | 127184 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | 1,3-Dichloropropane | 142289 | µg kg ⁻¹ | U | | | | | <2 | <2 | <2 | <2 |
| | Dibromochloromethane | 124481 | µg kg ⁻¹ | U | | | | | <10 | <10 | <10 | <10 |
| | 1,2-Dibromoethane | 106934 | µg kg ⁻¹ | U | | | | | <5 | <5 | <5 | <5 |
| | Chlorobenzene | 108907 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |

All tests undertaken between 07-Mar-2008 and 13-Mar-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 5 of 9

Report sample ID range AC82153 to AC82170

LABORATORY TEST REPORT

Report Date
13 March 2008

Results of analysis of 18 samples
received 06 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38137 | | | | | | | |
|------|-----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC82153 | AC82154 | AC82155 | AC82156 | AC82157 | AC82158 | AC82159 | AC82160 |
| | | | | | WS16 | WS16 | WS17 | WS17 | BH21 | BH21 | BH21 | TP5 |
| | | | | | P1 | P2 | P1 | P2 | E1 | E2 | E3 | ES1 |
| | | | | | 0.5 | 1.6 | 0.5 | 2.5 | 0.5 | 1.5 | 2.7 | 1.8 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | 1,1,1,2-Tetrachloroethane | 630206 | µg kg ⁻¹ | M | | | | | <2 | <2 | <2 | <2 |
| | Ethylbenzene | 100414 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | m- & p-Xylene | 1330207 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | o-Xylene | 95476 | µg kg ⁻¹ | M | | | | | <1 | <1 | <1 | <1 |
| | Styrene | 100425 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | Tribromomethane | 75252 | µg kg ⁻¹ | U | | | | | <10 | <10 | <10 | <10 |
| | Isopropylbenzene | 98828 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | Bromobenzene | 108861 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 1,1,2,2-Tetrachloroethane | 79345 | µg kg ⁻¹ | M | | | | | <10 | <10 | <10 | <10 |
| | 1,2,3-Trichloropropane | 96184 | µg kg ⁻¹ | U | | | | | <50 | <50 | <50 | <50 |
| | n-Propylbenzene | 103651 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 2-Chlorotoluene | 95498 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 1,3,5-Trimethylbenzene | 108678 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 4-Chlorotoluene | 106434 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | tert-Butylbenzene | 98066 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 1,2,4-Trimethylbenzene | 95636 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | sec-Butylbenzene | 135988 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 1,3-Dichlorobenzene | 541731 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 4-Isopropyltoluene | 99876 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 1,4-Dichlorobenzene | 106467 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | n-Butylbenzene | 104518 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 1,2-Dichlorobenzene | 95501 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 1,2-Dibromo-3-chloropropane | 96128 | µg kg ⁻¹ | U | | | | | <50 | <50 | <50 | <50 |
| | 1,2,4-Trichlorobenzene | 120821 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | Hexachlorobutadiene | 87683 | µg kg ⁻¹ | U | | | | | <1 | <1 | <1 | <1 |
| | 1,2,3-Trichlorobenzene | 87616 | µg kg ⁻¹ | U | | | | | <2 | <2 | <2 | <2 |
| 2790 | N-Nitrosodimethylamine | 62759 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Phenol | 108952 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | bis(2-Chloroethyl)ether | 111444 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2-Chlorophenol | 95578 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 1,3-Dichlorobenzene | 541731 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |

All tests undertaken between 07-Mar-2008 and 13-Mar-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 6 of 9

Report sample ID range AC82153 to AC82170

LABORATORY TEST REPORT

Results of analysis of 18 samples
received 06 March 2008

Report Date
13 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38137 | | | | | | | |
|------|-----------------------------|--------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC82153 | AC82154 | AC82155 | AC82156 | AC82157 | AC82158 | AC82159 | AC82160 |
| | | | | | WS16 | WS16 | WS17 | WS17 | BH21 | BH21 | BH21 | TP5 |
| | | | | | P1 | P2 | P1 | P2 | E1 | E2 | E3 | ES1 |
| | | | | | 0.5 | 1.6 | 0.5 | 2.5 | 0.5 | 1.5 | 2.7 | 1.8 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | 1,4-Dichlorobenzene | 106467 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 1,2-Dichlorobenzene | 95501 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2-Methylphenol | 95487 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | bis(2-Chloroisopropyl)ether | 108601 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 4-Methylphenol | 106445 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | N-Nitrosodi-n-propylamine | 621647 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Hexachloroethane | 67721 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Nitrobenzene | 98953 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Isophorone | 78591 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2-Nitrophenol | 88755 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2,4-Dimethylphenol | 105679 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | bis(2-Chloroethoxy)methane | 111911 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2,4-Dichlorophenol | 120832 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 1,2,4-Trichlorobenzene | 120821 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Naphthalene | 91203 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 4-Chloroaniline | 106478 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Hexachlorobutadiene | 87683 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 4-Chloro-3-methylphenol | 59507 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2-Methylnaphthalene | 91576 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Hexachlorocyclopentadiene | 77474 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2,4,6-Trichlorophenol | 88062 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2,4,5-Trichlorophenol | 95954 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2-Chloronaphthalene | 91587 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2-Nitroaniline | 88744 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Dimethylphthalate | 131113 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2,6-Dinitrotoluene | 606202 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 3-Nitroaniline | 99092 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Acenaphthene | 83329 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Dibenzofuran | 132649 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2,4-Dinitrotoluene | 121142 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |

All tests undertaken between 07-Mar-2008 and 13-Mar-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 7 of 9

Report sample ID range AC82153 to AC82170

LABORATORY TEST REPORT

Report Date
13 March 2008

Results of analysis of 18 samples
received 06 March 2008

FAO Sasha Layton

Boal Quay

| | | | | 38137 | | | | | | | | |
|------|----------------------------|---------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|-------|
| | | | | AC82153 | AC82154 | AC82155 | AC82156 | AC82157 | AC82158 | AC82159 | AC82160 | |
| | | | | WS16 | WS16 | WS17 | WS17 | BH21 | BH21 | BH21 | TP5 | |
| | | | | P1 | P2 | P1 | P2 | E1 | E2 | E3 | ES1 | |
| | | | | 0.5 | 1.6 | 0.5 | 2.5 | 0.5 | 1.5 | 2.7 | 1.8 | |
| | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | |
| 2790 | Diethylphthalate | 84662 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Fluorene | 86737 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 4-Chlorophenylether | 7005723 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 4-Nitroaniline | 100016 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 2-Methyl-4,6-dinitrophenol | 534521 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Azobenzene | 103333 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | 4-Bromophenylphenylether | 101553 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Hexachlorobenzene | 118741 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Pentachlorophenol | 87865 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Phenanthrene | 85018 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Anthracene | 120127 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Carbazole | 86748 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Di-n-butylphthalate | 84742 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Fluoranthene | 206440 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | 1.1 |
| | Pyrene | 129000 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | 1.0 |
| | Butylbenzylphthalate | 85687 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Chrysene | 218019 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | bis(2-Ethylhexyl)phthalate | 117817 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Di-n-octylphthalate | 117840 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | N | | | | | <0.5 | <0.5 | <0.5 | <0.5 |
| 2920 | Catechols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Phenol | 108952 | mg kg ⁻¹ | M | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Cresols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Xylenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Naphthols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

All tests undertaken between 07-Mar-2008 and 13-Mar-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 8 of 9

Report sample ID range AC82153 to AC82170

LABORATORY TEST REPORT

Report Date
 13 March 2008

Results of analysis of 18 samples
 received 06 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38137 | | | | | | | |
|------|-----------------------------|--|---------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | | AC82153 | AC82154 | AC82155 | AC82156 | AC82157 | AC82158 | AC82159 | AC82160 |
| | | | | | WS16 | WS16 | WS17 | WS17 | BH21 | BH21 | BH21 | TP5 |
| | | | | | P1 | P2 | P1 | P2 | E1 | E2 | E3 | ES1 |
| | | | | | 0.5 | 1.6 | 0.5 | 2.5 | 0.5 | 1.5 | 2.7 | 1.8 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2920 | Trimethyl phenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Phenols (total) | | mg kg ⁻¹ | U | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 |
| 2010 | pH | | - | M | 7.8 | 7.9 | 8.4 | 7.9 | 7.9 | 8.0 | 8.1 | 7.7 |
| 2030 | Moisture | | % | n/a | 13.4 | 23.2 | 10.5 | 25.1 | 18.1 | 22.8 | 22.8 | 49.4 |
| | Stone content (as received) | | % | n/a | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| 2140 | Soil colour | | | n/a | brown | brown | brown | brown | brown | brown | brown | brown |
| | Soil texture | | | n/a | sand | clay | sand | clay | clay | clay | clay | clay |
| | Other material | | | n/a | stones brick | none | stones | none | none | stones | none | stones |
| 2186 | Asbestos (presence/absence) | | - | N | not detected | not detected | not detected | not detected | not detected | not detected | not detected | not detected |

LABORATORY TEST REPORT

Results of analysis of 4 samples
 received 24 April 2008

Boal Quay

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Depth

Matrix

SOP ↓ Determinand ↓

CAS No ↓

Units ↓

*

| | | | | | 47055 | | | |
|-------|------------------------|----------|--------------------------|---|---------|---------|---------|---------|
| | | | | | AC97052 | AC97053 | AC97054 | AC97055 |
| | | | | | BH21 | BH21 | WS6 | BH17 |
| | | | | | DEEP | SHALLOW | | DEEP |
| | | | | | WATER | WATER | WATER | WATER |
| SOP ↓ | Determinand ↓ | CAS No ↓ | Units ↓ | * | | | | |
| 1010 | pH | PH | - | U | 7.0 | 7.2 | 7.3 | 6.7 |
| 1300 | Cyanide (total) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1310 | Cyanide (free) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1420 | Ammoniacal Nitrogen | AMM_NIT | mg l ⁻¹ | U | 12 | 1.4 | 0.86 | 18 |
| 1220 | Nitrate as N | 14797558 | mg l ⁻¹ | N | <0.1 | 8.4 | 0.81 | <0.1 |
| | Nitrite as N | 14797650 | mg l ⁻¹ | N | <0.01 | 0.22 | 0.037 | <0.01 |
| 1270 | Hardness | HARD_TO | mg CaCO3 l ⁻¹ | U | 1400 | 610 | 840 | 2000 |
| 1450 | Arsenic | 7440382 | µg l ⁻¹ | U | 25 | 4.3 | 2.6 | 45 |
| | Barium | 7440393 | µg l ⁻¹ | U | 210 | 130 | 23 | 220 |
| | Beryllium | 7440417 | µg l ⁻¹ | N | <1 | <1 | <1 | <1 |
| | Vanadium | 7440622 | µg l ⁻¹ | U | 24 | 4.9 | 2.3 | 29 |
| | Cadmium | 7440439 | µg l ⁻¹ | U | <0.5 | <0.5 | <0.5 | <0.5 |
| | Chromium | 7440473 | µg l ⁻¹ | U | 68 | 11 | 7.3 | 90 |
| | Copper | 7440508 | µg l ⁻¹ | U | 43 | 1.9 | 4.3 | 48 |
| | Lead | 7439921 | µg l ⁻¹ | U | 1.2 | 3.6 | 2.8 | 3.2 |
| | Mercury | 7439976 | µg l ⁻¹ | U | <0.5 | <0.5 | <0.5 | <0.5 |
| | Nickel | 7440020 | µg l ⁻¹ | U | 18 | 7.5 | 7.3 | 18 |
| | Selenium | 7782492 | µg l ⁻¹ | U | 85 | 3.5 | 5.2 | 120 |
| | Zinc | 7440666 | µg l ⁻¹ | U | 19 | 5.9 | 15 | 25 |
| 1675 | TPH aliphatic >C5-C6 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aliphatic >C6-C8 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aliphatic >C8-C10 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aliphatic >C10-C12 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aliphatic >C12-C16 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aliphatic >C16-C21 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aliphatic >C21-C35 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aromatic >C6-C7 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aromatic >C7-C8 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aromatic >C8-C10 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aromatic >C10-C12 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |

All tests undertaken between 27-Apr-2008 and 8-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 1 of 7

Report sample ID range AC97052 to AC97055

LABORATORY TEST REPORT

Results of analysis of 4 samples
 received 24 April 2008

Boal Quay

| | | | | 47055 | | | | |
|--------------------|------------------------------|--------------------|--------------------|---------|---------|---------|---------|------|
| | | | | AC97052 | AC97053 | AC97054 | AC97055 | |
| | | | | BH21 | BH21 | WS6 | BH17 | |
| | | | | DEEP | SHALLOW | | DEEP | |
| | | | | WATER | WATER | WATER | WATER | |
| 1675 | TPH aromatic >C12-C16 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aromatic >C16-C21 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | TPH aromatic >C21-C35 | | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | |
| | Total Petroleum Hydrocarbons | | µg l ⁻¹ | N | <10 | <10 | <10 | |
| 1676 | TPH >C5-C6 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C6-C7 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C7-C8 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C8-C10 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C10-C12 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C12-C16 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C16-C21 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C21-C35 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 |
| | Total Petroleum Hydrocarbons | | µg l ⁻¹ | U | <10 | <10 | <10 | <10 |
| 1700 | Naphthalene | 91203 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Acenaphthylene | 208968 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Acenaphthene | 83329 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Fluorene | 86737 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Phenanthrene | 85018 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Anthracene | 120127 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Fluoranthene | 206440 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Pyrene | 129000 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Benzo[a]anthracene | 56553 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Chrysene | 218019 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Benzo[b]fluoranthene | 205992 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Benzo[k]fluoranthene | 207089 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Benzo[a]pyrene | 50328 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Dibenzo[a,h]anthracene | 53703 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Indeno[1,2,3-cd]pyrene | 193395 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| | Benzo[g,h,i]perylene | 191242 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 |
| Total (of 16) PAHs | | µg l ⁻¹ | N | <2 | <2 | <2 | <2 | |
| 1760 | Dichlorodifluoromethane | 75718 | µg l ⁻¹ | U | <1 | <1 | <1 | |

All tests undertaken between 27-Apr-2008 and 8-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 2 of 7

Report sample ID range AC97052 to AC97055

LABORATORY TEST REPORT

Results of analysis of 4 samples
 received 24 April 2008

Boal Quay

| | | | | | 47055 | | | |
|------|---------------------------|----------|--------------------|---|---------|---------|---------|---------|
| | | | | | AC97052 | AC97053 | AC97054 | AC97055 |
| | | | | | BH21 | BH21 | WS6 | BH17 |
| | | | | | DEEP | SHALLOW | | DEEP |
| | | | | | WATER | WATER | WATER | WATER |
| 1760 | Chloromethane | 74873 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Vinyl chloride | 75014 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Bromomethane | 74839 | µg l ⁻¹ | U | <20 | <20 | <20 | |
| | Chloroethane | 75003 | µg l ⁻¹ | U | <2 | <2 | <2 | |
| | Trichlorofluoromethane | 75694 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,1-Dichloroethene | 75354 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Dichloromethane | 75092 | µg l ⁻¹ | U | ne | ne | ne | |
| | trans-1,2-Dichloroethene | 156605 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,1-Dichloroethane | 75343 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | cis-1,2-Dichloroethene | 156592 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Bromochloromethane | 74975 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Trichloromethane | 67663 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,1,1-Trichloroethane | 71556 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Tetrachloromethane | 56235 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,1-Dichloropropene | 563586 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Benzene | 71432 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,2-Dichloroethane | 107062 | µg l ⁻¹ | U | <2 | <2 | <2 | |
| | Trichloroethene | 79016 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,2-Dichloropropane | 78875 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Dibromomethane | 74953 | µg l ⁻¹ | U | <10 | <10 | <10 | |
| | Bromodichloromethane | 75274 | µg l ⁻¹ | U | <5 | <5 | <5 | |
| | cis-1,3-Dichloropropene | 10061015 | µg l ⁻¹ | U | <10 | <10 | <10 | |
| | Toluene | 108883 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | trans-1,3-Dichloropropene | 10061026 | µg l ⁻¹ | U | <10 | <10 | <10 | |
| | 1,1,2-Trichloroethane | 79005 | µg l ⁻¹ | U | <10 | <10 | <10 | |
| | Tetrachloroethene | 127184 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,3-Dichloropropane | 142289 | µg l ⁻¹ | U | <2 | <2 | <2 | |
| | Dibromochloromethane | 124481 | µg l ⁻¹ | U | <10 | <10 | <10 | |
| | 1,2-Dibromoethane | 106934 | µg l ⁻¹ | U | <5 | <5 | <5 | |
| | Chlorobenzene | 108907 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,1,1,2-Tetrachloroethane | 630206 | µg l ⁻¹ | U | <2 | <2 | <2 | |

All tests undertaken between 27-Apr-2008 and 8-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 3 of 7

Report sample ID range AC97052 to AC97055

LABORATORY TEST REPORT

Results of analysis of 4 samples
 received 24 April 2008

Boal Quay

| | | | | | 47055 | | | |
|------|-----------------------------|---------|--------------------|---|---------|---------|---------|---------|
| | | | | | AC97052 | AC97053 | AC97054 | AC97055 |
| | | | | | BH21 | BH21 | WS6 | BH17 |
| | | | | | DEEP | SHALLOW | | DEEP |
| | | | | | WATER | WATER | WATER | WATER |
| 1760 | Ethylbenzene | 100414 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | m- & p-Xylene | 1330207 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | o-Xylene | 95476 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Styrene | 100425 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Tribromomethane | 75252 | µg l ⁻¹ | U | <10 | <10 | <10 | |
| | Isopropylbenzene | 98828 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Bromobenzene | 108861 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,1,2,2-Tetrachloroethane | 79345 | µg l ⁻¹ | U | <10 | <10 | <10 | |
| | 1,2,3-Trichloropropane | 96184 | µg l ⁻¹ | U | <50 | <50 | <50 | |
| | n-Propylbenzene | 103651 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 2-Chlorotoluene | 95498 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,3,5-Trimethylbenzene | 108678 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 4-Chlorotoluene | 106434 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | tert-Butylbenzene | 98066 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,2,4-Trimethylbenzene | 95636 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | sec-Butylbenzene | 135988 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,3-Dichlorobenzene | 541731 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 4-Isopropyltoluene | 99876 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,4-Dichlorobenzene | 106467 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | n-Butylbenzene | 104518 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,2-Dichlorobenzene | 95501 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,2-Dibromo-3-chloropropane | 96128 | µg l ⁻¹ | U | <50 | <50 | <50 | |
| | 1,2,4-Trichlorobenzene | 120821 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | Hexachlorobutadiene | 87683 | µg l ⁻¹ | U | <1 | <1 | <1 | |
| | 1,2,3-Trichlorobenzene | 87616 | µg l ⁻¹ | U | <2 | <2 | <2 | |
| 1790 | N-Nitrosodimethylamine | 62759 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Phenol | 108952 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | bis(2-Chloroethyl)ether | 111444 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2-Chlorophenol | 95578 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 1,3-Dichlorobenzene | 541731 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 1,4-Dichlorobenzene | 106467 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |

All tests undertaken between 27-Apr-2008 and 8-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 4 of 7

Report sample ID range AC97052 to AC97055

LABORATORY TEST REPORT

Results of analysis of 4 samples
 received 24 April 2008

Boal Quay

| | | | | | 47055 | | | |
|------|-----------------------------|--------|--------------------|---|---------|---------|---------|---------|
| | | | | | AC97052 | AC97053 | AC97054 | AC97055 |
| | | | | | BH21 | BH21 | WS6 | BH17 |
| | | | | | DEEP | SHALLOW | | DEEP |
| | | | | | WATER | WATER | WATER | WATER |
| 1790 | 1,2-Dichlorobenzene | 95501 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2-Methylphenol | 95487 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | bis(2-Chloroisopropyl)ether | 108601 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 4-Methylphenol | 106445 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | N-Nitrosodi-n-propylamine | 621647 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Hexachloroethane | 67721 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Nitrobenzene | 98953 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Isophorone | 78591 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2-Nitrophenol | 88755 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2,4-Dimethylphenol | 105679 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | bis(2-Chloroethoxy)methane | 111911 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2,4-Dichlorophenol | 120832 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 1,2,4-Trichlorobenzene | 120821 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Naphthalene | 91203 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 4-Chloroaniline | 106478 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Hexachlorobutadiene | 87683 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 4-Chloro-3-methylphenol | 59507 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2-Methylnaphthalene | 91576 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Hexachlorocyclopentadiene | 77474 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2,4,6-Trichlorophenol | 88062 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2,4,5-Trichlorophenol | 95954 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2-Chloronaphthalene | 91587 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2-Nitroaniline | 88744 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Dimethylphthalate | 131113 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2,6-Dinitrotoluene | 606202 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Acenaphthylene | 208968 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 3-Nitroaniline | 99092 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Acenaphthene | 83329 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Dibenzofuran | 132649 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2,4-Dinitrotoluene | 121142 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Diethylphthalate | 84662 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |

All tests undertaken between 27-Apr-2008 and 8-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 5 of 7

Report sample ID range AC97052 to AC97055

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 24 April 2008

FAO Sasha Layton

Boal Quay

| | | | | | 47055 | | | |
|------|----------------------------|---------|--------------------|---|---------|---------|---------|---------|
| | | | | | AC97052 | AC97053 | AC97054 | AC97055 |
| | | | | | BH21 | BH21 | WS6 | BH17 |
| | | | | | DEEP | SHALLOW | | DEEP |
| | | | | | WATER | WATER | WATER | WATER |
| 1790 | Fluorene | 86737 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 4-Chlorophenylether | 7005723 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 4-Nitroaniline | 100016 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 2-Methyl-4,6-dinitrophenol | 534521 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Azobenzene | 103333 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | 4-Bromophenylphenylether | 101553 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Hexachlorobenzene | 118741 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Pentachlorophenol | 87865 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Phenanthrene | 85018 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Anthracene | 120127 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Carbazole | 86748 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Di-n-butylphthalate | 84742 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Fluoranthene | 206440 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Pyrene | 129000 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Butylbenzylphthalate | 85687 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Benzo[a]anthracene | 56553 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Chrysene | 218019 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | bis(2-Ethylhexyl)phthalate | 117817 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Di-n-octylphthalate | 117840 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Benzo[b]fluoranthene | 205992 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Benzo[k]fluoranthene | 207089 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Benzo[a]pyrene | 50328 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Indeno[1,2,3-cd]pyrene | 193395 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Dibenzo[a,h]anthracene | 53703 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| | Benzo[g,h,i]perylene | 191242 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | |
| 1920 | Catechols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 |
| | Phenol | 108952 | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 |
| | Cresols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 |
| | Xylenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 |
| | Naphthols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 |
| | Trimethyl phenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 |

All tests undertaken between 27-Apr-2008 and 8-May-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 6 of 7

Report sample ID range AC97052 to AC97055

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 24 April 2008

Boal Quay

| | | | | 47055 | | | | |
|------|-----------------|--|--------------------|---------|---------|---------|---------|-------|
| | | | | AC97052 | AC97053 | AC97054 | AC97055 | |
| | | | | BH21 | BH21 | WS6 | BH17 | |
| | | | | DEEP | SHALLOW | | DEEP | |
| | | | | WATER | WATER | WATER | WATER | |
| 1920 | Phenols (total) | | mg l ⁻¹ | N | <0.03 | <0.03 | <0.03 | <0.03 |

LABORATORY TEST REPORT

Results of analysis of 12 samples
 received 22 May 2008

Report Date
 06 June 2008

FAO Guy Lawton

EM012 - Boal Quay Kings Lynn

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Depth

Matrix

SOP ↓ Determinand ↓

CAS No ↓

Units ↓

*

| | | | | | 47258 | | | | | | | |
|------|---------------------------|----------|--------------------------------------|---|---------|---------|----------|---------|----------|----------|---------|----------|
| | | | | | AD06980 | AD06981 | AD06982 | AD06983 | AD06984 | AD06985 | AD06986 | AD06987 |
| | | | | | SW7 | WS6 | BH21DEEP | WS17 | BH17DEEP | BH19DEEP | BH28 | BH16DEEP |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1010 | pH | PH | - | U | 7.3 | 7.2 | 7.1 | 7.1 | 6.9 | 6.9 | 7.2 | 7.3 |
| 1020 | Electrical Conductivity | EC | µS cm ⁻¹ | U | | | | | | | | |
| 1030 | Suspended solids at 105°C | SS_105 | mg l ⁻¹ | N | | | | | | | | |
| 1220 | Ammoniacal Nitrogen | AMM_NIT | mg l ⁻¹ | U | 0.40 | 5.1 | 12 | 6.9 | 16 | 12 | 86 | 5.0 |
| 1300 | Cyanide (total) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1310 | Cyanide (free) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1330 | Thiocyanate | 302045 | mg l ⁻¹ | U | | | | | | | | |
| 1610 | Total Organic Carbon | TOC | mg l ⁻¹ | N | | | | | | | | |
| 1220 | Chloride | 16887006 | mg l ⁻¹ | N | | | | | | | | |
| | Nitrate as N | 14797558 | mg l ⁻¹ | N | 12 | 4.6 | <0.2 | <0.2 | <0.2 | 2.4 | <0.2 | <0.2 |
| | Nitrite as N | 14797650 | mg l ⁻¹ | N | 1.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Sulfate | 14808798 | mg l ⁻¹ | U | | | | | | | | |
| 1270 | Hardness | HARD_TO | mg CaCO ₃ l ⁻¹ | U | 1600 | 920 | 890 | 1200 | 3200 | 1800 | 1300 | 500 |
| 1320 | Sulfide | 18496258 | mg l ⁻¹ | N | | | | | | | | |
| 1450 | Arsenic | 7440382 | µg l ⁻¹ | U | 20 | 1.6 | 25 | 8.1 | 487 | 33 | 57 | 110 |
| | Barium | 7440393 | µg l ⁻¹ | U | 26 | 52 | 230 | 110 | 260 | 230 | 240 | 59 |
| | Beryllium | 7440417 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Cadmium | 7440439 | µg l ⁻¹ | U | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Chromium (total) | 7440473 | µg l ⁻¹ | U | 17 | <1 | 11 | 1.4 | 44 | 23 | 15 | <1 |
| | Copper | 7440508 | µg l ⁻¹ | U | 18 | 1.5 | 11 | 9.1 | 45 | 20 | 6.6 | <1 |
| | Lead | 7439921 | µg l ⁻¹ | U | 2.8 | <1 | <1 | 1.6 | <1 | 2.7 | 8.0 | <1 |
| | Mercury Low Level | 7439976 | µg l ⁻¹ | N | 1.7 | 0.32 | 0.4 | 0.23 | 0.71 | 0.29 | 0.29 | 0.13 |
| | Nickel | 7440020 | µg l ⁻¹ | U | 7.0 | 9.3 | 12 | 7.1 | 16 | 6.2 | 4.6 | 24 |
| | Selenium | 7782492 | µg l ⁻¹ | U | 42 | 4.0 | 27 | 10 | 98 | 43 | 8.2 | 4.9 |
| | Vanadium | 7440622 | µg l ⁻¹ | U | 7.6 | <1 | 6.1 | <1 | 10 | 5.2 | 3.2 | 4.3 |
| | Zinc | 7440666 | µg l ⁻¹ | U | 25 | 31 | 10 | 31 | 34 | 18 | 35 | 2.7 |
| 1675 | TPH aliphatic >C5-C6 | | µg l ⁻¹ | N | | <0.1 | <0.1 | | | | <0.1 | <0.1 |
| | TPH aliphatic >C6-C8 | | µg l ⁻¹ | N | | <0.1 | <0.1 | | | | <0.1 | <0.1 |
| | TPH aliphatic >C8-C10 | | µg l ⁻¹ | N | | <0.1 | <0.1 | | | | <0.1 | <0.1 |
| | TPH aliphatic >C10-C12 | | µg l ⁻¹ | N | | <0.1 | <0.1 | | | | <0.1 | <0.1 |

All tests undertaken between 27-May-2008 and 5-Jun-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 1 of 7

Report sample ID range AD06980 to AD06991

LABORATORY TEST REPORT

Results of analysis of 12 samples
received 22 May 2008

Report Date
06 June 2008

FAO Guy Lawton

EM012 - Boal Quay Kings Lynn

| | | | | 47258 | | | | | | | | |
|------|------------------------------|--------|--------------------|---------|---------|----------|---------|----------|----------|---------|----------|-------|
| | | | | AD06980 | AD06981 | AD06982 | AD06983 | AD06984 | AD06985 | AD06986 | AD06987 | |
| | | | | SW7 | WS6 | BH21DEEP | WS17 | BH17DEEP | BH19DEEP | BH28 | BH16DEEP | |
| | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER | |
| 1675 | TPH aliphatic >C12-C16 | | µg l ⁻¹ | N | <0.1 | <0.1 | | | | <0.1 | <0.1 | |
| | TPH aliphatic >C16-C21 | | µg l ⁻¹ | N | <0.1 | <0.1 | | | | <0.1 | <0.1 | |
| | TPH aliphatic >C21-C35 | | µg l ⁻¹ | N | <0.1 | <0.1 | | | | <0.1 | <0.1 | |
| | TPH aromatic >C6-C7 | | µg l ⁻¹ | N | <0.1 | <0.1 | | | | <0.1 | <0.1 | |
| | TPH aromatic >C7-C8 | | µg l ⁻¹ | N | <0.1 | <0.1 | | | | <0.1 | <0.1 | |
| | TPH aromatic >C8-C10 | | µg l ⁻¹ | N | <0.1 | <0.1 | | | | <0.1 | <0.1 | |
| | TPH aromatic >C10-C12 | | µg l ⁻¹ | N | <0.1 | <0.1 | | | | <0.1 | <0.1 | |
| | TPH aromatic >C12-C16 | | µg l ⁻¹ | N | <0.1 | <0.1 | | | | <0.1 | <0.1 | |
| | TPH aromatic >C16-C21 | | µg l ⁻¹ | N | <0.1 | <0.1 | | | | <0.1 | <0.1 | |
| | TPH aromatic >C21-C35 | | µg l ⁻¹ | N | <0.1 | <0.1 | | | | <0.1 | <0.1 | |
| | Total Petroleum Hydrocarbons | | µg l ⁻¹ | N | <10 | <10 | | | | <10 | <10 | |
| 1676 | TPH >C5-C6 | | µg l ⁻¹ | U | <0.1 | | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C6-C7 | | µg l ⁻¹ | U | <0.1 | | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C7-C8 | | µg l ⁻¹ | U | <0.1 | | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C8-C10 | | µg l ⁻¹ | U | <0.1 | | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C10-C12 | | µg l ⁻¹ | U | <0.1 | | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C12-C16 | | µg l ⁻¹ | U | <0.1 | | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C16-C21 | | µg l ⁻¹ | U | <0.1 | | <0.1 | <0.1 | <0.1 | | | |
| | TPH >C21-C35 | | µg l ⁻¹ | U | <0.1 | | <0.1 | <0.1 | <0.1 | | | |
| | Total Petroleum Hydrocarbons | | µg l ⁻¹ | U | <10 | | <10 | <10 | <10 | | | |
| 1700 | Naphthalene | 91203 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| | Acenaphthylene | 208968 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| | Acenaphthene | 83329 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| | Fluorene | 86737 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| | Phenanthrene | 85018 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| | Anthracene | 120127 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| | Fluoranthene | 206440 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | |
| | Pyrene | 129000 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | 29 | <0.01 | 3.6 | 0.12 | <0.01 |
| | Benzo[a]anthracene | 56553 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Chrysene | 218019 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Benzo[b]fluoranthene | 205992 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |

All tests undertaken between 27-May-2008 and 5-Jun-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 2 of 7

Report sample ID range AD06980 to AD06991

LABORATORY TEST REPORT

Results of analysis of 12 samples
received 22 May 2008

Report Date
06 June 2008

FAO Guy Lawton

EM012 - Boal Quay Kings Lynn

| | | | | | 47258 | | | | | | | |
|---------------------|--------------------------|--------------------|--------------------|---|---------|---------|----------|---------|----------|----------|---------|----------|
| | | | | | AD06980 | AD06981 | AD06982 | AD06983 | AD06984 | AD06985 | AD06986 | AD06987 |
| | | | | | SW7 | WS6 | BH21DEEP | WS17 | BH17DEEP | BH19DEEP | BH28 | BH16DEEP |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1700 | Benzo[k]fluoranthene | 207089 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Benzo[a]pyrene | 50328 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Dibenzo[a,h]anthracene | 53703 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Indeno[1,2,3-cd]pyrene | 193395 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Benzo[g,h,i]perylene | 191242 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Total (of 16) PAHs | | | µg l ⁻¹ | N | <0.2 | <0.2 | <0.2 | 29 | <0.2 | 3.6 | <0.2 | <0.2 |
| 1760 | Benzene | 71432 | µg l ⁻¹ | U | | | | | | | | |
| | Dichlorodifluoromethane | 75718 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | Chloromethane | 74873 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | Toluene | 108883 | µg l ⁻¹ | U | | | | | | | | |
| | Ethyl benzene | 100414 | µg l ⁻¹ | U | | | | | | | | |
| | Vinyl chloride | 75014 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | Bromomethane | 74839 | µg l ⁻¹ | U | | <20 | <20 | | | | <20 | <20 |
| | m- & p-Xylene | 1330207 | µg l ⁻¹ | U | | | | | | | | |
| | Chloroethane | 75003 | µg l ⁻¹ | U | | <2 | <2 | | | | <2 | <2 |
| | o-Xylene | 95476 | µg l ⁻¹ | U | | | | | | | | |
| | Trichlorofluoromethane | 75694 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,1-Dichloroethene | 75354 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | Dichloromethane | 75092 | µg l ⁻¹ | U | | ne | ne | | | | ne | ne |
| | trans-1,2-Dichloroethene | 156605 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,1-Dichloroethane | 75343 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | cis-1,2-Dichloroethene | 156592 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | Bromochloromethane | 74975 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | Trichloromethane | 67663 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,1,1-Trichloroethane | 71556 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | Tetrachloromethane | 56235 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| 1,1-Dichloropropene | 563586 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 | |
| Benzene | 71432 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 | |
| 1,2-Dichloroethane | 107062 | µg l ⁻¹ | U | | <2 | <2 | | | | <2 | <2 | |
| Trichloroethene | 79016 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 | |
| 1,2-Dichloropropane | 78875 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 | |

All tests undertaken between 27-May-2008 and 5-Jun-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 3 of 7

Report sample ID range AD06980 to AD06991

LABORATORY TEST REPORT

Results of analysis of 12 samples
received 22 May 2008

Report Date
06 June 2008

FAO Guy Lawton

EM012 - Boal Quay Kings Lynn

| | | | | | 47258 | | | | | | | |
|------|---------------------------|----------|--------------------|---|---------|---------|----------|---------|----------|----------|---------|----------|
| | | | | | AD06980 | AD06981 | AD06982 | AD06983 | AD06984 | AD06985 | AD06986 | AD06987 |
| | | | | | SW7 | WS6 | BH21DEEP | WS17 | BH17DEEP | BH19DEEP | BH28 | BH16DEEP |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1760 | Dibromomethane | 74953 | µg l ⁻¹ | U | | <10 | <10 | | | | <10 | <10 |
| | Bromodichloromethane | 75274 | µg l ⁻¹ | U | | <5 | <5 | | | | <5 | <5 |
| | cis-1,3-Dichloropropene | 10061015 | µg l ⁻¹ | U | | <10 | <10 | | | | <10 | <10 |
| | Toluene | 108883 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | trans-1,3-Dichloropropene | 10061026 | µg l ⁻¹ | U | | <10 | <10 | | | | <10 | <10 |
| | 1,1,2-Trichloroethane | 79005 | µg l ⁻¹ | U | | <10 | <10 | | | | <10 | <10 |
| | Tetrachloroethene | 127184 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,3-Dichloropropane | 142289 | µg l ⁻¹ | U | | <2 | <2 | | | | <2 | <2 |
| | Dibromochloromethane | 124481 | µg l ⁻¹ | U | | <10 | <10 | | | | <10 | <10 |
| | 1,2-Dibromoethane | 106934 | µg l ⁻¹ | U | | <5 | <5 | | | | <5 | <5 |
| | Chlorobenzene | 108907 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,1,1,2-Tetrachloroethane | 630206 | µg l ⁻¹ | U | | <2 | <2 | | | | <2 | <2 |
| | Ethylbenzene | 100414 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | m- & p-Xylene | 1330207 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | o-Xylene | 95476 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | Styrene | 100425 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | Tribromomethane | 75252 | µg l ⁻¹ | U | | <10 | <10 | | | | <10 | <10 |
| | Isopropylbenzene | 98828 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | Bromobenzene | 108861 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,1,1,2-Tetrachloroethane | 79345 | µg l ⁻¹ | U | | <10 | <10 | | | | <10 | <10 |
| | 1,2,3-Trichloropropane | 96184 | µg l ⁻¹ | U | | <50 | <50 | | | | <50 | <50 |
| | n-Propylbenzene | 103651 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 2-Chlorotoluene | 95498 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,3,5-Trimethylbenzene | 108678 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 4-Chlorotoluene | 106434 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | tert-Butylbenzene | 98066 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,2,4-Trimethylbenzene | 95636 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | sec-Butylbenzene | 135988 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,3-Dichlorobenzene | 541731 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 4-Isopropyltoluene | 99876 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,4-Dichlorobenzene | 106467 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |

All tests undertaken between 27-May-2008 and 5-Jun-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 4 of 7

Report sample ID range AD06980 to AD06991

LABORATORY TEST REPORT

Results of analysis of 12 samples
received 22 May 2008

Report Date
06 June 2008

FAO Guy Lawton

EM012 - Boal Quay Kings Lynn

| | | | | | 47258 | | | | | | | |
|------|-----------------------------|--------|--------------------|---|---------|---------|----------|---------|----------|----------|---------|----------|
| | | | | | AD06980 | AD06981 | AD06982 | AD06983 | AD06984 | AD06985 | AD06986 | AD06987 |
| | | | | | SW7 | WS6 | BH21DEEP | WS17 | BH17DEEP | BH19DEEP | BH28 | BH16DEEP |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1760 | n-Butylbenzene | 104518 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,2-Dichlorobenzene | 95501 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,2-Dibromo-3-chloropropane | 96128 | µg l ⁻¹ | U | | <50 | <50 | | | | <50 | <50 |
| | 1,2,4-Trichlorobenzene | 120821 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | Hexachlorobutadiene | 87683 | µg l ⁻¹ | U | | <1 | <1 | | | | <1 | <1 |
| | 1,2,3-Trichlorobenzene | 87616 | µg l ⁻¹ | U | | <2 | <2 | | | | <2 | <2 |
| 1790 | N-Nitrosodimethylamine | 62759 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Phenol | 108952 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | bis(2-Chloroethyl)ether | 111444 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2-Chlorophenol | 95578 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 1,3-Dichlorobenzene | 541731 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 1,4-Dichlorobenzene | 106467 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 1,2-Dichlorobenzene | 95501 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2-Methylphenol | 95487 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | bis(2-Chloroisopropyl)ether | 108601 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 4-Methylphenol | 106445 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | N-Nitrosodi-n-propylamine | 621647 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Hexachloroethane | 67721 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Nitrobenzene | 98953 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Isophorone | 78591 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2-Nitrophenol | 88755 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2,4-Dimethylphenol | 105679 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | bis(2-Chloroethoxy)methane | 111911 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2,4-Dichlorophenol | 120832 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 1,2,4-Trichlorobenzene | 120821 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Naphthalene | 91203 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 4-Chloroaniline | 106478 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Hexachlorobutadiene | 87683 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 4-Chloro-3-methylphenol | 59507 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2-Methylnaphthalene | 91576 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Hexachlorocyclopentadiene | 77474 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |

All tests undertaken between 27-May-2008 and 5-Jun-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 5 of 7

Report sample ID range AD06980 to AD06991

LABORATORY TEST REPORT

Results of analysis of 12 samples
received 22 May 2008

Report Date
06 June 2008

FAO Guy Lawton

EM012 - Boal Quay Kings Lynn

| | | | | | 47258 | | | | | | | |
|------|----------------------------|---------|--------------------|---|---------|---------|----------|---------|----------|----------|---------|----------|
| | | | | | AD06980 | AD06981 | AD06982 | AD06983 | AD06984 | AD06985 | AD06986 | AD06987 |
| | | | | | SW7 | WS6 | BH21DEEP | WS17 | BH17DEEP | BH19DEEP | BH28 | BH16DEEP |
| | | | | | | | | | | | | |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1790 | 2,4,6-Trichlorophenol | 88062 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2,4,5-Trichlorophenol | 95954 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2-Chloronaphthalene | 91587 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2-Nitroaniline | 88744 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Dimethylphthalate | 131113 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2,6-Dinitrotoluene | 606202 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Acenaphthylene | 208968 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 3-Nitroaniline | 99092 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Acenaphthene | 83329 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Dibenzofuran | 132649 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2,4-Dinitrotoluene | 121142 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Diethylphthalate | 84662 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Fluorene | 86737 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 4-Chlorophenylether | 7005723 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 4-Nitroaniline | 100016 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 2-Methyl-4,6-dinitrophenol | 534521 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Azobenzene | 103333 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | 4-Bromophenylphenylether | 101553 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Hexachlorobenzene | 118741 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Pentachlorophenol | 87865 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Phenanthrene | 85018 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Anthracene | 120127 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Carbazole | 86748 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Di-n-butylphthalate | 84742 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Fluoranthene | 206440 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Pyrene | 129000 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Butylbenzylphthalate | 85687 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Benzo[a]anthracene | 56553 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Chrysene | 218019 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | bis(2-Ethylhexyl)phthalate | 117817 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Di-n-octylphthalate | 117840 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |

All tests undertaken between 27-May-2008 and 5-Jun-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 6 of 7

Report sample ID range AD06980 to AD06991

LABORATORY TEST REPORT

Report Date
06 June 2008

Results of analysis of 12 samples
received 22 May 2008

FAO Guy Lawton

EM012 - Boal Quay Kings Lynn

| | | | | | 47258 | | | | | | | |
|------|------------------------|--------|--------------------|---|---------|---------|----------|---------|----------|----------|---------|----------|
| | | | | | AD06980 | AD06981 | AD06982 | AD06983 | AD06984 | AD06985 | AD06986 | AD06987 |
| | | | | | SW7 | WS6 | BH21DEEP | WS17 | BH17DEEP | BH19DEEP | BH28 | BH16DEEP |
| | | | | | | | | | | | | |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1790 | Benzo[b]fluoranthene | 205992 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Benzo[k]fluoranthene | 207089 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Benzo[a]pyrene | 50328 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Indeno[1,2,3-cd]pyrene | 193395 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Dibenzo[a,h]anthracene | 53703 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| | Benzo[g,h,i]perylene | 191242 | µg l ⁻¹ | N | | <0.05 | <0.05 | | | | <0.05 | <0.05 |
| 1920 | Catechols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Phenol | 108952 | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Cresols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Xylenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Naphthols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Trimethyl phenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Phenols (total) | | mg l ⁻¹ | N | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 |

LABORATORY TEST REPORT

Results of analysis of 16 samples
 received 26 June 2008

Report Date
 07 July 2008

EM012 - Boal Quay, Kings Lynn

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Depth

Matrix

SOP ↓ Determinand ↓

CAS No ↓

Units ↓

*

| | | | | | 47553 | | | | | | | |
|------|------------------------|----------|--------------------------------------|---|---------|---------|---------|---------|---------|----------|----------|---------|
| | | | | | AD19181 | AD19182 | AD19183 | AD19184 | AD19185 | AD19186 | AD19187 | AD19188 |
| | | | | | WS7A | WS17 | BH21 | BH19 | BH17 | AA17/133 | AA17/175 | BH24 |
| | | | | | | | DEEP | DEEP | DEEP | DEEP | DEEP | |
| | | | | | | 3.00m | 11.00m | 10.50m | 9.60m | 6.00m | 7.00m | 5.00m |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1010 | pH | PH | - | U | 7.6 | 7.3 | 7.2 | 7.2 | 7.4 | 7.7 | 7.8 | 7.1 |
| 1220 | Ammoniacal Nitrogen | AMM_NIT | mg l ⁻¹ | U | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | 3.4 | 2.3 | 44 |
| 1300 | Cyanide (total) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1310 | Cyanide (free) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1220 | Nitrate as N | 14797558 | mg l ⁻¹ | N | 0.4 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| | Nitrite as N | 14797650 | mg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| 1270 | Hardness | HARD_TO | mg CaCO ₃ l ⁻¹ | U | 2200 | 2900 | 2300 | 2600 | 1700 | 1000 | 320 | 2300 |
| 1450 | Arsenic | 7440382 | µg l ⁻¹ | U | 52.3 | 77.7 | 32.4 | 13.2 | 10.7 | 19.7 | 11.8 | 15.5 |
| | Barium | 7440393 | µg l ⁻¹ | U | 68.5 | 824 | 571 | 141 | 102 | 91.2 | 24.8 | 317 |
| | Beryllium | 7440417 | µg l ⁻¹ | N | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| | Cadmium | 7440439 | µg l ⁻¹ | U | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Chromium (total) | 7440473 | µg l ⁻¹ | U | 94.8 | 201 | 119 | 34.2 | 22.1 | 11.5 | 5.1 | 47.4 |
| | Copper | 7440508 | µg l ⁻¹ | U | 180 | 373 | 171 | 52.1 | 27.3 | 11.3 | 2.8 | 57.6 |
| | Lead | 7439921 | µg l ⁻¹ | U | 1.9 | <1 | <1 | 3.7 | 2.6 | <1 | <1 | <1 |
| | Mercury Low Level | 7439976 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | 1.0 | 0.3 | <0.1 | <0.1 | 0.51 |
| | Nickel | 7440020 | µg l ⁻¹ | U | 1.7 | 59.0 | 12.7 | 9.1 | 1.8 | 3.9 | <1 | <1 |
| | Selenium | 7782492 | µg l ⁻¹ | U | 123 | 34.5 | 80.0 | 35.2 | 19.7 | 9.9 | 17.2 | 39.1 |
| | Vanadium | 7440622 | µg l ⁻¹ | N | 28.1 | 47.8 | 25.0 | 7.9 | 8.6 | 9.4 | 6.2 | 10.7 |
| | Zinc | 7440666 | µg l ⁻¹ | U | 103 | 105 | 36.0 | 20.8 | 18.4 | 8.9 | 2.4 | 10.3 |
| 1675 | TPH aliphatic >C5-C6 | | µg l ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C6-C8 | | µg l ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C8-C10 | | µg l ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C10-C12 | | µg l ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C12-C16 | | µg l ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C16-C21 | | µg l ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C21-C35 | | µg l ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aromatic >C6-C7 | | µg l ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aromatic >C7-C8 | | µg l ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aromatic >C8-C10 | | µg l ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aromatic >C10-C12 | | µg l ⁻¹ | N | | | <0.1 | | | | | |

LABORATORY TEST REPORT

Results of analysis of 16 samples
 received 26 June 2008

Report Date
 07 July 2008

EM012 - Boal Quay, Kings Lynn

| | | | | 47553 | | | | | | | |
|------|------------------------------|--------|--------------------|---------|---------|---------|---------|---------|----------|----------|---------|
| | | | | AD19181 | AD19182 | AD19183 | AD19184 | AD19185 | AD19186 | AD19187 | AD19188 |
| | | | | WS7A | WS17 | BH21 | BH19 | BH17 | AA17/133 | AA17/175 | BH24 |
| | | | | | | DEEP | DEEP | DEEP | DEEP | DEEP | |
| | | | | | 3.00m | 11.00m | 10.50m | 9.60m | 6.00m | 7.00m | 5.00m |
| | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1675 | TPH aromatic >C12-C16 | | µg l ⁻¹ | N | | | <0.1 | | | | |
| | TPH aromatic >C16-C21 | | µg l ⁻¹ | N | | | <0.1 | | | | |
| | TPH aromatic >C21-C35 | | µg l ⁻¹ | N | | | <0.1 | | | | |
| | Total Petroleum Hydrocarbons | | µg l ⁻¹ | N | | | <10 | | | | |
| 1676 | TPH >C5-C6 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C6-C7 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C7-C8 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C8-C10 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C10-C12 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C12-C16 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C16-C21 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C21-C35 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Total Petroleum Hydrocarbons | | µg l ⁻¹ | U | <10 | <10 | <10 | <10 | <10 | <10 | <10 |
| 1700 | Naphthalene | 91203 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Acenaphthylene | 208968 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Acenaphthene | 83329 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Fluorene | 86737 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Phenanthrene | 85018 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Anthracene | 120127 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Fluoranthene | 206440 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Pyrene | 129000 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Benzo[a]anthracene | 56553 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Chrysene | 218019 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Benzo[b]fluoranthene | 205992 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Benzo[k]fluoranthene | 207089 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Benzo[a]pyrene | 50328 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Dibenzo[a,h]anthracene | 53703 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Indeno[1,2,3-cd]pyrene | 193395 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Benzo[g,h,i]perylene | 191242 | µg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Total (of 16) PAHs | | µg l ⁻¹ | N | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| 1730 | Organotin (total as TBTO) | 56359 | µg l ⁻¹ | N | | | | | | | |

LABORATORY TEST REPORT

Results of analysis of 16 samples
 received 26 June 2008

Report Date
 07 July 2008

EM012 - Boal Quay, Kings Lynn

| | | | | | 47553 | | | | | | | |
|------|---------------------------|----------|--------------------|---|---------|---------|---------|---------|---------|----------|----------|---------|
| | | | | | AD19181 | AD19182 | AD19183 | AD19184 | AD19185 | AD19186 | AD19187 | AD19188 |
| | | | | | WS7A | WS17 | BH21 | BH19 | BH17 | AA17/133 | AA17/175 | BH24 |
| | | | | | | | DEEP | DEEP | DEEP | DEEP | DEEP | |
| | | | | | | 3.00m | 11.00m | 10.50m | 9.60m | 6.00m | 7.00m | 5.00m |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1760 | Dichlorodifluoromethane | 75718 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Chloromethane | 74873 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Vinyl chloride | 75014 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Bromomethane | 74839 | µg l ⁻¹ | U | | | <20 | | | | | |
| | Chloroethane | 75003 | µg l ⁻¹ | U | | | <2 | | | | | |
| | Trichlorofluoromethane | 75694 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,1-Dichloroethene | 75354 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Dichloromethane | 75092 | µg l ⁻¹ | U | | | ne | | | | | |
| | trans-1,2-Dichloroethene | 156605 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,1-Dichloroethane | 75343 | µg l ⁻¹ | U | | | <1 | | | | | |
| | cis-1,2-Dichloroethene | 156592 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Bromochloromethane | 74975 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Trichloromethane | 67663 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,1,1-Trichloroethane | 71556 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Tetrachloromethane | 56235 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,1-Dichloropropene | 563586 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Benzene | 71432 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dichloroethane | 107062 | µg l ⁻¹ | U | | | <2 | | | | | |
| | Trichloroethene | 79016 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dichloropropane | 78875 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Dibromomethane | 74953 | µg l ⁻¹ | U | | | <10 | | | | | |
| | Bromodichloromethane | 75274 | µg l ⁻¹ | U | | | <5 | | | | | |
| | cis-1,3-Dichloropropene | 10061015 | µg l ⁻¹ | U | | | <10 | | | | | |
| | Toluene | 108883 | µg l ⁻¹ | U | | | <1 | | | | | |
| | trans-1,3-Dichloropropene | 10061026 | µg l ⁻¹ | U | | | <10 | | | | | |
| | 1,1,2-Trichloroethane | 79005 | µg l ⁻¹ | U | | | <10 | | | | | |
| | Tetrachloroethene | 127184 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,3-Dichloropropane | 142289 | µg l ⁻¹ | U | | | <2 | | | | | |
| | Dibromochloromethane | 124481 | µg l ⁻¹ | U | | | <10 | | | | | |
| | 1,2-Dibromoethane | 106934 | µg l ⁻¹ | U | | | <5 | | | | | |
| | Chlorobenzene | 108907 | µg l ⁻¹ | U | | | <1 | | | | | |

All tests undertaken between 30-Dec-1899 and 7-Jul-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 2

Report page 3 of 8

Report sample ID range AD19173 to AD19188

LABORATORY TEST REPORT

Results of analysis of 16 samples
received 26 June 2008

EM012 - Boal Quay, Kings Lynn

| | | | | | 47553 | | | | | | | |
|------|-----------------------------|---------|--------------------|---|---------|---------|---------|---------|---------|----------|----------|---------|
| | | | | | AD19181 | AD19182 | AD19183 | AD19184 | AD19185 | AD19186 | AD19187 | AD19188 |
| | | | | | WS7A | WS17 | BH21 | BH19 | BH17 | AA17/133 | AA17/175 | BH24 |
| | | | | | | | DEEP | DEEP | DEEP | DEEP | DEEP | |
| | | | | | | 3.00m | 11.00m | 10.50m | 9.60m | 6.00m | 7.00m | 5.00m |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1760 | 1,1,1,2-Tetrachloroethane | 630206 | µg l ⁻¹ | U | | | <2 | | | | | |
| | Ethylbenzene | 100414 | µg l ⁻¹ | U | | | <1 | | | | | |
| | m- & p-Xylene | 1330207 | µg l ⁻¹ | U | | | <1 | | | | | |
| | o-Xylene | 95476 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Styrene | 100425 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Tribromomethane | 75252 | µg l ⁻¹ | U | | | <10 | | | | | |
| | Isopropylbenzene | 98828 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Bromobenzene | 108861 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,1,2,2-Tetrachloroethane | 79345 | µg l ⁻¹ | U | | | <10 | | | | | |
| | 1,2,3-Trichloropropane | 96184 | µg l ⁻¹ | U | | | <50 | | | | | |
| | n-Propylbenzene | 103651 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 2-Chlorotoluene | 95498 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,3,5-Trimethylbenzene | 108678 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 4-Chlorotoluene | 106434 | µg l ⁻¹ | U | | | <1 | | | | | |
| | tert-Butylbenzene | 98066 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,2,4-Trimethylbenzene | 95636 | µg l ⁻¹ | U | | | <1 | | | | | |
| | sec-Butylbenzene | 135988 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,3-Dichlorobenzene | 541731 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 4-Isopropyltoluene | 99876 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,4-Dichlorobenzene | 106467 | µg l ⁻¹ | U | | | <1 | | | | | |
| | n-Butylbenzene | 104518 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dichlorobenzene | 95501 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dibromo-3-chloropropane | 96128 | µg l ⁻¹ | U | | | <50 | | | | | |
| | 1,2,4-Trichlorobenzene | 120821 | µg l ⁻¹ | U | | | <1 | | | | | |
| | Hexachlorobutadiene | 87683 | µg l ⁻¹ | U | | | <1 | | | | | |
| | 1,2,3-Trichlorobenzene | 87616 | µg l ⁻¹ | U | | | <2 | | | | | |
| 1790 | N-Nitrosodimethylamine | 62759 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Phenol | 108952 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | bis(2-Chloroethyl)ether | 111444 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2-Chlorophenol | 95578 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 1,3-Dichlorobenzene | 541731 | µg l ⁻¹ | N | | | <0.05 | | | | | |

LABORATORY TEST REPORT

Results of analysis of 16 samples
 received 26 June 2008

Report Date
 07 July 2008

EM012 - Boal Quay, Kings Lynn

| | | | | | 47553 | | | | | | | |
|------|-----------------------------|--------|--------------------|---|---------|---------|---------|---------|---------|----------|----------|---------|
| | | | | | AD19181 | AD19182 | AD19183 | AD19184 | AD19185 | AD19186 | AD19187 | AD19188 |
| | | | | | WS7A | WS17 | BH21 | BH19 | BH17 | AA17/133 | AA17/175 | BH24 |
| | | | | | | | DEEP | DEEP | DEEP | DEEP | DEEP | |
| | | | | | | 3.00m | 11.00m | 10.50m | 9.60m | 6.00m | 7.00m | 5.00m |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1790 | 1,4-Dichlorobenzene | 106467 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 1,2-Dichlorobenzene | 95501 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2-Methylphenol | 95487 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | bis(2-Chloroisopropyl)ether | 108601 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 4-Methylphenol | 106445 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | N-Nitrosodi-n-propylamine | 621647 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Hexachloroethane | 67721 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Nitrobenzene | 98953 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Isophorone | 78591 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2-Nitrophenol | 88755 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2,4-Dimethylphenol | 105679 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | bis(2-Chloroethoxy)methane | 111911 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2,4-Dichlorophenol | 120832 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 1,2,4-Trichlorobenzene | 120821 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Naphthalene | 91203 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 4-Chloroaniline | 106478 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Hexachlorobutadiene | 87683 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 4-Chloro-3-methylphenol | 59507 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2-Methylnaphthalene | 91576 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Hexachlorocyclopentadiene | 77474 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2,4,6-Trichlorophenol | 88062 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2,4,5-Trichlorophenol | 95954 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2-Chloronaphthalene | 91587 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2-Nitroaniline | 88744 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Dimethylphthalate | 131113 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2,6-Dinitrotoluene | 606202 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Acenaphthylene | 208968 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 3-Nitroaniline | 99092 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Acenaphthene | 83329 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Dibenzofuran | 132649 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2,4-Dinitrotoluene | 121142 | µg l ⁻¹ | N | | | <0.05 | | | | | |

All tests undertaken between 30-Dec-1899 and 7-Jul-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 2

Report page 5 of 8

Report sample ID range AD19173 to AD19188

LABORATORY TEST REPORT

Results of analysis of 16 samples
 received 26 June 2008

Report Date
 07 July 2008

EM012 - Boal Quay, Kings Lynn

| | | | | | 47553 | | | | | | | |
|------|----------------------------------|----------|--------------------|---|---------|---------|---------|---------|---------|----------|----------|---------|
| | | | | | AD19181 | AD19182 | AD19183 | AD19184 | AD19185 | AD19186 | AD19187 | AD19188 |
| | | | | | WS7A | WS17 | BH21 | BH19 | BH17 | AA17/133 | AA17/175 | BH24 |
| | | | | | | | DEEP | DEEP | DEEP | DEEP | DEEP | |
| | | | | | | 3.00m | 11.00m | 10.50m | 9.60m | 6.00m | 7.00m | 5.00m |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1790 | Diethylphthalate | 84662 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Fluorene | 86737 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 4-Chlorophenylether | 7005723 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 4-Nitroaniline | 100016 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 2-Methyl-4,6-dinitrophenol | 534521 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Azobenzene | 103333 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | 4-Bromophenylphenylether | 101553 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Hexachlorobenzene | 118741 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Pentachlorophenol | 87865 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Phenanthrene | 85018 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Anthracene | 120127 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Carbazole | 86748 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Di-n-butylphthalate | 84742 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Fluoranthene | 206440 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Pyrene | 129000 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Butylbenzylphthalate | 85687 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Benzo[a]anthracene | 56553 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Chrysene | 218019 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | bis(2-Ethylhexyl)phthalate | 117817 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Di-n-octylphthalate | 117840 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Benzo[b]fluoranthene | 205992 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Benzo[k]fluoranthene | 207089 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Benzo[a]pyrene | 50328 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Indeno[1,2,3-cd]pyrene | 193395 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Dibenzo[a,h]anthracene | 53703 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| | Benzo[g,h,i]perylene | 191242 | µg l ⁻¹ | N | | | <0.05 | | | | | |
| 1810 | 2,4,4'-Trichlorobiphenyl | 7012375 | µg l ⁻¹ | N | | | | | | | | |
| | 2,2',5,5'-Tetrachlorobiphenyl | 35693993 | µg l ⁻¹ | N | | | | | | | | |
| | 2,2',4,5,5'-Pentachlorobiphenyl | 37680732 | µg l ⁻¹ | N | | | | | | | | |
| | 2,3,4,4',5-Pentachlorobiphenyl | 31508006 | µg l ⁻¹ | N | | | | | | | | |
| | 2,2',3,4,4',5-Hexachlorobiphenyl | 35065282 | µg l ⁻¹ | N | | | | | | | | |

All tests undertaken between 30-Dec-1899 and 7-Jul-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 2

Report page 6 of 8

Report sample ID range AD19173 to AD19188

LABORATORY TEST REPORT

Results of analysis of 16 samples
received 26 June 2008

Report Date
07 July 2008

FAO Sasha Layton

EM012 - Boal Quay, Kings Lynn

| | | | | | 47553 | | | | | | | |
|------|--------------------------------------|----------|--------------------|---|---------|---------|---------|---------|---------|----------|----------|---------|
| | | | | | AD19181 | AD19182 | AD19183 | AD19184 | AD19185 | AD19186 | AD19187 | AD19188 |
| | | | | | WS7A | WS17 | BH21 | BH19 | BH17 | AA17/133 | AA17/175 | BH24 |
| | | | | | | | DEEP | DEEP | DEEP | DEEP | DEEP | |
| | | | | | | 3.00m | 11.00m | 10.50m | 9.60m | 6.00m | 7.00m | 5.00m |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1810 | 2,2',4,4',5,5'-Hexachlorobiphenyl | 35065271 | µg l ⁻¹ | N | | | | | | | | |
| | 2,2',3,4,4',5,5'-Heptachlorobiphenyl | 35065293 | µg l ⁻¹ | N | | | | | | | | |
| 1820 | Azinphos methyl | 86500 | µg l ⁻¹ | N | | | | | | | | |
| | Coumaphos | 56724 | µg l ⁻¹ | N | | | | | | | | |
| | Demeton (O+S) | 8065483 | µg l ⁻¹ | N | | | | | | | | |
| | Disulfoton | 298044 | µg l ⁻¹ | N | | | | | | | | |
| | Fensulfothion | 115902 | µg l ⁻¹ | N | | | | | | | | |
| | Fenthion | 55389 | µg l ⁻¹ | N | | | | | | | | |
| | Phorate | 298022 | µg l ⁻¹ | N | | | | | | | | |
| | Prothiophos | 34643464 | µg l ⁻¹ | N | | | | | | | | |
| | Sulprofos | 35400432 | µg l ⁻¹ | N | | | | | | | | |
| | Trichloronate | 327980 | µg l ⁻¹ | N | | | | | | | | |
| 1830 | Ametryn | 834128 | µg l ⁻¹ | N | | | | | | | | |
| | Atraton | 1610179 | µg l ⁻¹ | N | | | | | | | | |
| | Atrazine | 1912249 | µg l ⁻¹ | N | | | | | | | | |
| | Prometon | 1610180 | µg l ⁻¹ | N | | | | | | | | |
| | Prometryn | 7287196 | µg l ⁻¹ | N | | | | | | | | |
| | Propazine | 139402 | µg l ⁻¹ | N | | | | | | | | |
| | Secbumeton | 26259450 | µg l ⁻¹ | N | | | | | | | | |
| | Simazine | 122349 | µg l ⁻¹ | N | | | | | | | | |
| | Simetryn | 1014706 | µg l ⁻¹ | N | | | | | | | | |
| | Terbutylazine | 5915413 | µg l ⁻¹ | N | | | | | | | | |
| | Terbutryn | 886500 | µg l ⁻¹ | N | | | | | | | | |
| 1840 | alpha-HCH | 319846 | µg l ⁻¹ | N | | | | | | | | |
| | gamma-HCH | 58899 | µg l ⁻¹ | N | | | | | | | | |
| | beta-HCH | 319857 | µg l ⁻¹ | N | | | | | | | | |
| | Heptachlor | 76448 | µg l ⁻¹ | N | | | | | | | | |
| | delta-HCH | 319868 | µg l ⁻¹ | N | | | | | | | | |
| | Aldrin | 309002 | µg l ⁻¹ | N | | | | | | | | |
| | Heptachlor epoxide | 1024573 | µg l ⁻¹ | N | | | | | | | | |
| | gamma-Chlordane | 5103742 | µg l ⁻¹ | N | | | | | | | | |

All tests undertaken between 30-Dec-1899 and 7-Jul-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 2

Report page 7 of 8

Report sample ID range AD19173 to AD19188

LABORATORY TEST REPORT

Results of analysis of 16 samples
 received 26 June 2008

Report Date
 07 July 2008

EM012 - Boal Quay, Kings Lynn

| | | | | | 47553 | | | | | | | |
|------|--------------------|----------|--------------------|---|---------|---------|---------|---------|---------|----------|----------|---------|
| | | | | | AD19181 | AD19182 | AD19183 | AD19184 | AD19185 | AD19186 | AD19187 | AD19188 |
| | | | | | WS7A | WS17 | BH21 | BH19 | BH17 | AA17/133 | AA17/175 | BH24 |
| | | | | | | | DEEP | DEEP | DEEP | DEEP | DEEP | |
| | | | | | | 3.00m | 11.00m | 10.50m | 9.60m | 6.00m | 7.00m | 5.00m |
| | | | | | WATER | WATER | WATER | WATER | WATER | WATER | WATER | WATER |
| 1840 | alpha-Chlordane | 5103719 | µg l ⁻¹ | N | | | | | | | | |
| | Endosulfan I | 959988 | µg l ⁻¹ | N | | | | | | | | |
| | 4,4-DDE | 72559 | µg l ⁻¹ | N | | | | | | | | |
| | Dieldrin | 60571 | µg l ⁻¹ | N | | | | | | | | |
| | Endrin | 72208 | µg l ⁻¹ | N | | | | | | | | |
| | 4,4-DDD | 72548 | µg l ⁻¹ | N | | | | | | | | |
| | Endosulfan II | 33213659 | µg l ⁻¹ | N | | | | | | | | |
| | 4,4-DDT | 50293 | µg l ⁻¹ | N | | | | | | | | |
| | Endrin aldehyde | 7421934 | µg l ⁻¹ | N | | | | | | | | |
| | Endosulfan sulfate | 1031078 | µg l ⁻¹ | N | | | | | | | | |
| | Methoxychlor | 72435 | µg l ⁻¹ | N | | | | | | | | |
| | Endrin ketone | 53494705 | µg l ⁻¹ | N | | | | | | | | |
| 1920 | Catechols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Phenol | 108952 | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Cresols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Xylenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Naphthols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Trimethyl phenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Phenols (total) | | mg l ⁻¹ | N | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 |

NORFOLK COUNTY LABORATORY

Transport and Engineering Services Consultancy

TRIAL PIT LOG

Sheet 1 of 2

| | | | | | | |
|-----------------|--------------------|-------------------|------------|---------------|------------|-----|
| Scheme | NORA Plot C1 | Job No. | S0203121C1 | Trialpit No. | TP24 | |
| Carried out for | C2C Management Ltd | Date Started | 15/07/2002 | Date Finished | 15/07/2002 | |
| Dimensions: | 0.60 x 3.80 | Type of Excavator | JCB 180CX | | | |
| Remarks: Stable | Depth | 5.30 | Height | 4.286 mAOD | | |
| | Co-ords | 561936E - 319048N | | | Logged by | IDB |
| | | | | Drawn by | IDB | |
| | | | | Checked by | MLB | |

| Backfill | Water | Description | Legend | Depth (m) | Sample No. | Field Tests | Laboratory Tests | | | | | | | | | | |
|----------|-------|--|--------|-----------|------------|-------------|------------------|----------------|-----------------|-----|----|------|-----|-------|--|--|--|
| | | | | | | | MC% | P _a | SO ₃ | Cl- | pH | Org. | CBR | Other | | | |
| | | MADE GROUND dark brown silty TOPSOIL with up to cobble size concrete, brick, metal and wood. | | 0.50 | 001 | | | | | | | | | | | | |
| | | Dark brown silty fine and medium SAND | | 1.00 | | | | | | | | | | | | | |
| | | Laminated light brown and grey clayey SILT | | 1.50 | 002 | | | | | | | | | | | | |
| | | Light brown slightly clayey SILT | | 2.00 | | | | | | | | | | | | | |
| | | Light grey and brown laminated clayey SILT | | 2.50 | | | | | | | | | | | | | |
| | | Light grey and brown laminated clayey SILT | | 3.00 | 003 | | | | | | | | | | | | |
| | | Grey silty CLAY with black organic lenses | | 3.50 | | | | | | | | | | | | | |
| | | Brown fibrous PEAT | | 4.00 | | | | | | | | | | | | | |
| | | | | 4.50 | 004 | | | | | | | | | | | | |

Continued next sheet

NORFOLK COUNTY LABORATORY

Transport and Engineering Services Consultancy

TRIAL PIT LOG

Sheet 2 of 2

| | | | | | | |
|-----------------|--------------------|-------------------|------------|---------------|------------|-----|
| Scheme | NORA Plot C1 | Job No. | S0203121C1 | Trialpit No. | TP24 | |
| Carried out for | C2C Management Ltd | Date Started | 15/07/2002 | Date Finished | 15/07/2002 | |
| Dimensions: | 0.60 x 3.80 | Type of Excavator | JCB 180CX | | | |
| Remarks: Stable | Depth | 5.30 | Height | 4.286 mAOD | | |
| | Co-ords | 561936E - 319048N | | | Logged by | IDB |
| | | | | Drawn by | IDB | |
| | | | | Checked by | MLB | |

| Backfill | Water | Description | Legend | Depth (m) | Sample | | Field Tests | Laboratory Tests | | | | | | | | | | |
|----------|-------|---------------------------|--------|-----------|--------|-----|-------------|------------------|----------------|-----------------|-----|----|------|-----|-------|--|--|--|
| | | | | | Type | No. | | MC% | P _s | SO ₃ | Cl- | pH | Org. | CBR | Other | | | |
| | | Brown fibrous PEAT | | | | | | | | | | | | | | | | |
| | | End of Borehole at 5.30 m | | 5.50 | | | | | | | | | | | | | | |
| | | | | 6.00 | | | | | | | | | | | | | | |
| | | | | 6.50 | | | | | | | | | | | | | | |
| | | | | 7.00 | | | | | | | | | | | | | | |
| | | | | 7.50 | | | | | | | | | | | | | | |
| | | | | 8.00 | | | | | | | | | | | | | | |
| | | | | 8.50 | | | | | | | | | | | | | | |
| | | | | 9.00 | | | | | | | | | | | | | | |
| | | | | 9.50 | | | | | | | | | | | | | | |

NAR OUSE REDEVELOPMENT AREA



PLOT C1 TP24 HOLE



PLOT C1 TP24 SPOIL HEAP



ALcontrol Rugby Analytical Report



1928

Cottage Leap, Rugby, CV21 3XP, Tel: 01788 552244 Fax: 01788 552233

| | | |
|-----------|----------------------------------|---|
| Client: | NORFOLK COUNTY LABORATORY | NORFOLK COUNTY COUNCIL PLANNING AND TRANSPORTATION |
| Contract: | NCL-5735 | COUNTY HALL ANNEXE MARTINEAU LANE NORWICH |
| | Nora Plot C1 | NR1 2SG |

| | | |
|----------------------|---------------|---------------|
| Sample Number | 877652 | 877653 |
| Sampled Date | 19/07/02 | 19/07/02 |
| Sampled Time | 00:00 | 00:00 |
| Received Date | 19/07/02 | 19/07/02 |
| Date Started | 19/07/02 | 19/07/02 |

Sample Description BH7 3.0-3.5 s TP24 1.50 s

| Determinand | Units | Method | | |
|-----------------------|----------|--------|-------|-------|
| Arsenic | mg/kg | R002 | 9.2 | 8.2 |
| Cadmium | mg/kg | R002 | <0.10 | <0.10 |
| Chromium | mg/kg | R002 | 24 | 29 |
| Chromium VI | mg/kg | R013 | 0.49 | 0.53 |
| Lead | mg/kg | R002 | 120 | 25 |
| Mercury | mg/kg | R002 | <0.10 | <0.10 |
| Selenium | mg/kg | R002 | 0.34 | <0.30 |
| Boron (Water Soluble) | mg/kg | R011 | <1.0 | <1.0 |
| Copper | mg/kg | R002 | 12 | 10 |
| Nickel | mg/kg | R002 | 18 | 24 |
| Zinc | mg/kg | R002 | 37 | 35 |
| pH | pH units | R003 | 8.8 | 8.7 |

Tests marked "" in this report are Not included in the UKAS accreditation schedule for this laboratory. Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. Sub cont. denotes subcontracted.

Under the Authority of
Dave Goodwin
Operations Manager

Compiled by:

ASJ


Name

ASJ Collins

Date 26.07.02

Page 2 of 2

Printed 26/07/02

| GROUND ENGINEERING Geo-Environmental Specialists 01733 566566 | | | Site: BOAL QUAY, KING'S LYNN | | TRIAL PIT TP20 | | |
|---|------|--------|------------------------------|---|---|--|--------------|
| Samples and in-situ Tests | | | Date: 07/03/08 | Pit Size: 2.50m L x 0.60m W x 1.40m D. | | 561926 mE 319093 mN Ground Level: 4.10m. O.D. | |
| Depth m | Type | Result | (Date) Water | Description of Strata | Legend | Depth m | O.D. Level m |
| 0.30 | E1 | | | MADE GROUND - Dark brown and black, clayey gravelly SAND. Gravel of angular to sub-angular brick, ash, concrete, metal fragments and flint. |  | | |
| 0.60 | D1 | | | | | | |
| 0.90 | D2 | | | | | | |
| 1.20 | D3 | | | | | | |
| | | | | Pit abandoned at 1.40m depth. | | 1.40 | 2.70 |

- KEY**
- D - Disturbed Sample
 - B - Bulk Sample
 - U - Undisturbed Sample
 - R - Root Sample
 - W - Water Sample
 - J - Jar Sample
 - ∇ - Water Strike
 - ▼ - Water Rise
 - ∇c - Level on completion
 - MP - Mackintosh Probe
 - P () - Hand Penetrometer
 - Cohesion () kPa
 - V - Vane Shear Test
 - Cohesion () kPa

- REMARKS**
1. Pit dry during and on completion of excavation
 2. Pit sides stable during and on completion of excavation
 3. Live roots observed to 0.80m depth
 4. Pit abandoned due to presence of services

| | |
|---------------------|-------------|
| Project No 11401 | |
| Scale 1:25 | Page 1/1 |

LABORATORY TEST REPORT

Report Date
 17 March 2008

Results of analysis of 32 samples
 received 10 March 2008

Boal Quay

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Depth

Matrix

SOP ↓ Determinand ↓

CAS No ↓

Units ↓

*

38201

| | | | | | AC83111 | AC83112 | AC83113 | AC83114 | AC83115 | AC83116 |
|-------|-----------------|----------|--------------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | | BH15 | BH9 | TP20 | TP27 | WS22 | WS24 |
| | | | | | 0.6 | 0.5 | 0.3 | 0.3 | 0.6 | 0.5 |
| | | | | | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE |
| SOP ↓ | Determinand ↓ | CAS No ↓ | Units ↓ | * | | | | | | |
| 1010 | pH | PH | - | U | 7.9 | 8.3 | 8.0 | 8.1 | 8.4 | 8.4 |
| 1300 | Cyanide (total) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1310 | Cyanide (free) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1330 | Thiocyanate | 302045 | mg l ⁻¹ | U | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1420 | Ammonium | 14798039 | mg l ⁻¹ | U | 0.07 | 0.14 | 0.14 | 0.15 | 0.29 | 0.22 |
| 1220 | Nitrate | 14797558 | mg l ⁻¹ | N | 1.6 | 1.1 | 2.4 | 2.5 | 0.57 | <0.5 |
| | Nitrate as N | 14797558 | mg l ⁻¹ | N | 0.4 | 0.3 | 0.6 | 0.6 | 0.1 | <0.1 |
| | Nitrite | 14797650 | mg l ⁻¹ | N | <0.02 | 0.023 | <0.02 | <0.02 | <0.02 | <0.02 |
| | Nitrite as N | 14797650 | mg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 1270 | Hardness | HARD_TO | mg CaCO3 l ⁻¹ | U | 66 | 50 | 78 | 90 | 55 | 65 |
| 1450 | Arsenic | 7440382 | µg l ⁻¹ | U | <1 | 1.0 | 2.0 | 19 | 7 | <1 |
| | Barium | 7440393 | µg l ⁻¹ | N | 18 | 7.2 | 14 | 11 | 7.1 | 8.7 |
| | Beryllium | 7440417 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Vanadium | 7440622 | µg l ⁻¹ | U | 1.1 | 1.5 | 2.3 | 7.1 | 2.4 | <1 |
| | Cadmium | 7440439 | µg l ⁻¹ | U | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Chromium | 7440473 | µg l ⁻¹ | U | 3.7 | 3.4 | 3.1 | 3.5 | 2.7 | 1.7 |
| | Copper | 7440508 | µg l ⁻¹ | U | <1 | <1 | 2.4 | 1.4 | 1.0 | <1 |
| | Lead | 7439921 | µg l ⁻¹ | U | <1 | <1 | 2.8 | 8.5 | 2.9 | <1 |
| | Mercury | 7439976 | µg l ⁻¹ | U | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Nickel | 7440020 | µg l ⁻¹ | U | <1 | <1 | <1 | <1 | <1 | <1 |
| | Selenium | 7782492 | µg l ⁻¹ | U | 1.3 | <1 | <1 | <1 | <1 | <1 |
| | Zinc | 7440666 | µg l ⁻¹ | U | 8.2 | <1 | 1.8 | 2.0 | 1.4 | <1 |
| 1676 | TPH >C5-C6 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C6-C7 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C7-C8 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C8-C10 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C10-C12 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C12-C16 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C16-C21 | | µg l ⁻¹ | U | <0.1 | <0.1 | 6.9 | <0.1 | <0.1 | <0.1 |
| | TPH >C21-C35 | | µg l ⁻¹ | U | <0.1 | <0.1 | 14 | <0.1 | <0.1 | <0.1 |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 1 of 9

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | |
|------|------------------------------|--------|--------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | | AC83111 | AC83112 | AC83113 | AC83114 | AC83115 | AC83116 |
| | | | | | BH15 | BH9 | TP20 | TP27 | WS22 | WS24 |
| | | | | | 0.6 | 0.5 | 0.3 | 0.3 | 0.6 | 0.5 |
| | | | | | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE |
| 1676 | Total Petroleum Hydrocarbons | | µg l ⁻¹ | U | <10 | <10 | 21 | <10 | <10 | <10 |
| 1700 | Naphthalene | 91203 | µg l ⁻¹ | N | <0.1 | <0.1 | 1.2 | <0.1 | <0.1 | <0.1 |
| | Acenaphthylene | 208968 | µg l ⁻¹ | N | <0.1 | <0.1 | 0.7 | <0.1 | <0.1 | <0.1 |
| | Acenaphthene | 83329 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Fluorene | 86737 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.1 | <0.1 | <0.1 | <0.1 |
| | Phenanthrene | 85018 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Anthracene | 120127 | µg l ⁻¹ | N | <0.1 | <0.1 | 0.5 | <0.1 | <0.1 | <0.1 |
| | Fluoranthene | 206440 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.5 | <0.1 | <0.1 | <0.1 |
| | Pyrene | 129000 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.6 | <0.1 | <0.1 | <0.1 |
| | Benzo[a]anthracene | 56553 | µg l ⁻¹ | N | <0.1 | <0.1 | 0.9 | <0.1 | <0.1 | <0.1 |
| | Chrysene | 218019 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Benzo[b]fluoranthene | 205992 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.8 | <0.1 | <0.1 | <0.1 |
| | Benzo[k]fluoranthene | 207089 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.4 | <0.1 | <0.1 | <0.1 |
| | Benzo[a]pyrene | 50328 | µg l ⁻¹ | N | <0.1 | <0.1 | 10 | <0.1 | <0.1 | <0.1 |
| | Dibenzo[a,h]anthracene | 53703 | µg l ⁻¹ | N | <0.1 | <0.1 | 1.2 | <0.1 | <0.1 | <0.1 |
| | Indeno[1,2,3-cd]pyrene | 193395 | µg l ⁻¹ | N | <0.1 | <0.1 | 2 | <0.1 | <0.1 | <0.1 |
| | Benzo[g,h,i]perylene | 191242 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Total (of 16) PAHs | | µg l ⁻¹ | N | <2 | <2 | 29 | <2 | <2 | <2 |
| 1920 | Catechols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Phenol | 108952 | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Cresols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Xylenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Naphthols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Trimethyl phenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Phenols (total) | | mg l ⁻¹ | N | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 |

LABORATORY TEST REPORT

Results of analysis of 32 samples
 received 10 March 2008

Report Date
 17 March 2008

Boal Quay

| Login Batch No | | | | | 38201 | | | | | | | |
|----------------------|----------------------------|---------------------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Chemtest LIMS ID | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| Sample ID | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| Sample No | | | | | | | | | | | | |
| Depth | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| Matrix | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| SOP↓ | Determinand↓ | CAS No↓ | Units↓ | | | | | | | | | |
| 2300 | Cyanide (total) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | 0.6 | < 0.5 | < 0.5 |
| 2310 | Cyanide (free) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2410 | Ammonium (extractable) | 7664417 | mg kg ⁻¹ | M | 23 | 90 | 4.1 | 4.1 | 1.9 | 1.6 | 2.9 | 1.1 |
| 2625 | Total Organic Carbon | | % | M | 1.6 | 1.9 | 6.5 | 0.74 | 22 | 0.57 | 1.8 | 0.88 |
| 2230 | Nitrate (extractable) | 14797558 | g l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Nitrate (extractable) as N | 14797558 | g l ⁻¹ | N | | | | | | | | |
| | Nitrite (extractable) | 14797650 | mg kg ⁻¹ | N | 0.046 | 0.072 | 0.17 | 0.054 | 0.17 | 0.024 | 0.62 | 0.066 |
| | Nitrite (extractable) as N | 14797650 | mg kg ⁻¹ | N | 0.02 | 0.02 | 0.06 | 0.02 | 0.06 | <0.01 | 0.20 | 0.02 |
| 2450 | Arsenic | 7440382 | mg kg ⁻¹ | M | 15 | 18 | 46 | 9.9 | 18 | 5.7 | 24 | 9.0 |
| | Barium | 7440393 | mg kg ⁻¹ | M | 120 | 110 | 200 | 110 | 230 | 130 | 78 | 72 |
| | Beryllium | 7440417 | mg kg ⁻¹ | | <1 | <1 | 1.5 | <1 | 3.1 | <1 | <1 | <1 |
| | Vanadium | 7440622 | mg kg ⁻¹ | M | 37 | 40 | 74 | 34 | 50 | 26 | 32 | 29 |
| | Cadmium | 7440439 | mg kg ⁻¹ | M | 0.24 | 0.20 | 0.78 | 0.17 | <0.1 | <0.1 | 0.40 | <0.1 |
| | Chromium | 7440473 | mg kg ⁻¹ | M | 29 | 33 | 44 | 26 | 23 | 19 | 21 | 22 |
| | Copper | 7440508 | mg kg ⁻¹ | M | 26 | 21 | 300 | 11 | 130 | 8.0 | 25 | 8.3 |
| | Mercury | 7439976 | mg kg ⁻¹ | M | 0.25 | 0.63 | 0.91 | <0.1 | 0.14 | <0.1 | 0.28 | <0.1 |
| | Nickel | 7440020 | mg kg ⁻¹ | M | 24 | 24 | 41 | 23 | 25 | 17 | 15 | 19 |
| | Lead | 7439921 | mg kg ⁻¹ | M | 67 | 98 | 260 | 18 | 130 | 12 | 56 | 16 |
| | Selenium | 7782492 | mg kg ⁻¹ | M | <0.2 | <0.2 | 0.63 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| | Zinc | 7440666 | mg kg ⁻¹ | M | 99 | 120 | 250 | 75 | 86 | 35 | 68 | 40 |
| 2675 | TPH aliphatic >C5-C6 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C6-C8 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C8-C10 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C10-C12 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C12-C16 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C16-C21 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C21-C35 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aromatic >C5-C7 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aromatic >C7-C8 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| TPH aromatic >C8-C10 | | mg kg ⁻¹ | N | | | <0.1 | | | | | | |

LABORATORY TEST REPORT

Results of analysis of 32 samples
received 10 March 2008

Report Date
17 March 2008

FAO Sasha Layton

Boal Quay

| | | | | 38201 | | | | | | | | |
|------|------------------------------|--------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|------|
| | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 | |
| | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 | |
| | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 | |
| | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | |
| 2675 | TPH aromatic >C10-C12 | | mg kg ⁻¹ | | | N | <0.1 | | | | | |
| | TPH aromatic >C12-C16 | | mg kg ⁻¹ | | | N | 2.4 | | | | | |
| | TPH aromatic >C16-C21 | | mg kg ⁻¹ | | | N | 21 | | | | | |
| | TPH aromatic >C21-C35 | | mg kg ⁻¹ | | | N | 57 | | | | | |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | | | M | 80 | | | | | |
| 2676 | TPH >C5-C6 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C6-C7 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C7-C8 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C8-C10 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | 4.2 | 0.8 | <0.1 | <0.1 | <0.1 |
| | TPH >C10-C12 | | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.1 | <0.1 | 1.3 | <0.1 | <0.1 | <0.1 |
| | TPH >C12-C16 | | mg kg ⁻¹ | M | 1.5 | 2.5 | 2.5 | 0.7 | 5.8 | 1.8 | 1.3 | <0.1 |
| | TPH >C16-C21 | | mg kg ⁻¹ | M | 2.8 | 4.2 | 7.9 | 0.9 | 12 | 1.7 | 2.4 | <0.1 |
| | TPH >C21-C35 | | mg kg ⁻¹ | M | 6.6 | 13 | 25 | 4.1 | 140 | 2.3 | 13 | <0.1 |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | N | <20 | <20 | 36 | <20 | 160 | <20 | <20 | <20 |
| 2700 | Naphthalene | 91203 | mg kg ⁻¹ | M | 0.2 | 0.3 | 2.7 | <0.1 | 7.2 | <0.1 | <0.1 | <0.1 |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | M | 0.2 | 0.3 | 1.6 | <0.1 | 3 | <0.1 | <0.1 | <0.1 |
| | Acenaphthene | 83329 | mg kg ⁻¹ | M | 0.2 | 0.3 | 0.6 | <0.1 | 0.9 | <0.1 | <0.1 | 0.3 |
| | Fluorene | 86737 | mg kg ⁻¹ | M | <0.1 | 0.2 | 0.5 | <0.1 | 0.6 | <0.1 | <0.1 | <0.1 |
| | Phenanthrene | 85018 | mg kg ⁻¹ | M | 0.4 | 0.9 | 4.7 | <0.1 | 5.5 | <0.1 | 0.4 | <0.1 |
| | Anthracene | 120127 | mg kg ⁻¹ | M | 0.2 | 0.4 | 2.1 | <0.1 | 2.2 | <0.1 | 0.1 | <0.1 |
| | Fluoranthene | 206440 | mg kg ⁻¹ | M | 0.6 | 1.8 | 11 | <0.1 | 8 | <0.1 | 0.8 | 0.2 |
| | Pyrene | 129000 | mg kg ⁻¹ | M | 0.5 | 1.6 | 9.5 | <0.1 | 6.3 | <0.1 | 0.8 | <0.1 |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | M | 0.3 | 1.1 | 7.5 | <0.1 | 3.9 | <0.1 | 0.5 | <0.1 |
| | Chrysene | 218019 | mg kg ⁻¹ | M | 0.3 | 1.2 | 8.4 | <0.1 | 4.9 | <0.1 | 0.6 | <0.1 |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | M | 0.3 | 1 | 7.7 | <0.1 | 4.8 | <0.1 | 0.6 | <0.1 |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | M | 0.3 | 0.7 | 6.6 | <0.1 | 3.6 | <0.1 | 0.4 | 0.1 |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | M | 0.3 | 1 | 8.1 | <0.1 | 5.4 | <0.1 | 0.6 | 0.4 |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | M | <0.1 | 0.2 | 2.5 | <0.1 | 0.4 | <0.1 | 0.2 | 0.2 |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | M | 0.4 | 1 | 7.6 | <0.1 | 1.3 | <0.1 | 0.4 | 0.3 |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | M | 0.3 | 0.9 | 7.1 | <0.1 | 1.4 | <0.1 | 0.3 | <0.1 |
| | Total (of 16) PAHs | | mg kg ⁻¹ | M | 4.2 | 13 | 88 | <2 | 59 | <2 | 5.6 | <2 |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 4 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|---------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | Dichlorodifluoromethane | 75718 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Chloromethane | 74873 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Vinyl chloride | 75014 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Bromomethane | 74839 | µg kg ⁻¹ | U | | | <20 | | | | | |
| | Chloroethane | 75003 | µg kg ⁻¹ | U | | | <2 | | | | | |
| | Trichlorofluoromethane | 75694 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,1-Dichloroethene | 75354 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Dichloromethane | 75092 | µg kg ⁻¹ | U | | | ne | | | | | |
| | trans-1,2-Dichloroethene | 156605 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,1-Dichloroethane | 75343 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | cis-1,2-Dichloroethene | 156592 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Bromochloromethane | 74975 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Trichloromethane | 67663 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,1,1-Trichloroethane | 71556 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Tetrachloromethane | 56235 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,1-Dichloropropene | 563586 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Benzene | 71432 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,2-Dichloroethane | 107062 | µg kg ⁻¹ | M | | | <2 | | | | | |
| | Trichloroethene | 79016 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dichloropropane | 78875 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Dibromomethane | 74953 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | Bromodichloromethane | 75274 | µg kg ⁻¹ | U | | | <5 | | | | | |
| | cis-1,3-Dichloropropene | 10061015 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | Toluene | 108883 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | trans-1,3-Dichloropropene | 10061026 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | 1,1,2-Trichloroethane | 79005 | µg kg ⁻¹ | M | | | <10 | | | | | |
| | Tetrachloroethene | 127184 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,3-Dichloropropane | 142289 | µg kg ⁻¹ | U | | | <2 | | | | | |
| | Dibromochloromethane | 124481 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | 1,2-Dibromoethane | 106934 | µg kg ⁻¹ | U | | | <5 | | | | | |
| | Chlorobenzene | 108907 | µg kg ⁻¹ | M | | | <1 | | | | | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 5 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|-----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | 1,1,1,2-Tetrachloroethane | 630206 | µg kg ⁻¹ | M | | | <2 | | | | | |
| | Ethylbenzene | 100414 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | m- & p-Xylene | 1330207 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | o-Xylene | 95476 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Styrene | 100425 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Tribromomethane | 75252 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | Isopropylbenzene | 98828 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Bromobenzene | 108861 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,1,2,2-Tetrachloroethane | 79345 | µg kg ⁻¹ | M | | | <10 | | | | | |
| | 1,2,3-Trichloropropane | 96184 | µg kg ⁻¹ | U | | | <50 | | | | | |
| | n-Propylbenzene | 103651 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 2-Chlorotoluene | 95498 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,3,5-Trimethylbenzene | 108678 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 4-Chlorotoluene | 106434 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | tert-Butylbenzene | 98066 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2,4-Trimethylbenzene | 95636 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | sec-Butylbenzene | 135988 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,3-Dichlorobenzene | 541731 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 4-Isopropyltoluene | 99876 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,4-Dichlorobenzene | 106467 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | n-Butylbenzene | 104518 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dichlorobenzene | 95501 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dibromo-3-chloropropane | 96128 | µg kg ⁻¹ | U | | | <50 | | | | | |
| | 1,2,4-Trichlorobenzene | 120821 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Hexachlorobutadiene | 87683 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2,3-Trichlorobenzene | 87616 | µg kg ⁻¹ | U | | | <2 | | | | | |
| 2790 | N-Nitrosodimethylamine | 62759 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Phenol | 108952 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | bis(2-Chloroethyl)ether | 111444 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Chlorophenol | 95578 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 1,3-Dichlorobenzene | 541731 | mg kg ⁻¹ | N | | | <0.5 | | | | | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 6 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
 17 March 2008

Results of analysis of 32 samples
 received 10 March 2008

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|-----------------------------|--------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | 1,4-Dichlorobenzene | 106467 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 1,2-Dichlorobenzene | 95501 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Methylphenol | 95487 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | bis(2-Chloroisopropyl)ether | 108601 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Methylphenol | 106445 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | N-Nitrosodi-n-propylamine | 621647 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachloroethane | 67721 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Nitrobenzene | 98953 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Isophorone | 78591 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Nitrophenol | 88755 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4-Dimethylphenol | 105679 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | bis(2-Chloroethoxy)methane | 111911 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4-Dichlorophenol | 120832 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 1,2,4-Trichlorobenzene | 120821 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Naphthalene | 91203 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Chloroaniline | 106478 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachlorobutadiene | 87683 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Chloro-3-methylphenol | 59507 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Methylnaphthalene | 91576 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachlorocyclopentadiene | 77474 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4,6-Trichlorophenol | 88062 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4,5-Trichlorophenol | 95954 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Chloronaphthalene | 91587 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Nitroaniline | 88744 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Dimethylphthalate | 131113 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,6-Dinitrotoluene | 606202 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 3-Nitroaniline | 99092 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Acenaphthene | 83329 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Dibenzofuran | 132649 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4-Dinitrotoluene | 121142 | mg kg ⁻¹ | N | | | <0.5 | | | | | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 7 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
 17 March 2008

Results of analysis of 32 samples
 received 10 March 2008

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | Diethylphthalate | 84662 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Fluorene | 86737 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Chlorophenylether | 7005723 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Nitroaniline | 100016 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Methyl-4,6-dinitrophenol | 534521 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Azobenzene | 103333 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Bromophenylphenylether | 101553 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachlorobenzene | 118741 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Pentachlorophenol | 87865 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Phenanthrene | 85018 | mg kg ⁻¹ | N | | | 1.7 | | | | | |
| | Anthracene | 120127 | mg kg ⁻¹ | N | | | 0.5 | | | | | |
| | Carbazole | 86748 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Di-n-butylphthalate | 84742 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Fluoranthene | 206440 | mg kg ⁻¹ | N | | | 6.7 | | | | | |
| | Pyrene | 129000 | mg kg ⁻¹ | N | | | 5.9 | | | | | |
| | Butylbenzylphthalate | 85687 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | N | | | 3.4 | | | | | |
| | Chrysene | 218019 | mg kg ⁻¹ | N | | | 2.9 | | | | | |
| | bis(2-Ethylhexyl)phthalate | 117817 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Di-n-octylphthalate | 117840 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | N | | | 4.0 | | | | | |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | N | | | 3.1 | | | | | |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | N | | | 3.3 | | | | | |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | N | | | 1.7 | | | | | |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | N | | | 2.2 | | | | | |
| 2920 | Catechols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Phenol | 108952 | mg kg ⁻¹ | M | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Cresols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Xylenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Naphthols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

LABORATORY TEST REPORT


Report Date
 17 March 2008

Results of analysis of 32 samples
 received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|-----------------------------|--|---------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2920 | Trimethyl phenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Phenols (total) | | mg kg ⁻¹ | U | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 |
| 2010 | pH | | - | M | 7.9 | 8.3 | 7.7 | 8.1 | 9.6 | 9.0 | 8.1 | 7.8 |
| 2030 | Moisture | | % | n/a | 26.1 | 35.2 | 13.2 | 15.5 | 6.99 | 20.5 | 14.6 | 22.7 |
| | Stone content (as received) | | % | n/a | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| 2140 | Soil colour | | | n/a | brown | brown | brown | brown | black | brown | brown | brown |
| | Soil texture | | | n/a | clay | clay | sand | sand | sand | clay | clay | clay |
| | Other material | | | n/a | none | none | stones | none | stones | none | none | none |
| 2186 | Asbestos (presence/absence) | | - | N | not detected | not detected | not detected | not detected | not detected | not detected | not detected | not detected |

| GROUND ENGINEERING Geo-Environmental Specialists 01733 566566 | | | Site: BOAL QUAY, KING'S LYNN | | TRIAL PIT TP20 | | |
|---|------|--------|------------------------------|---|---|--|--------------|
| Samples and in-situ Tests | | | Date: 07/03/08 | Pit Size: 2.50m L x 0.60m W x 1.40m D. | | 561926 mE 319093 mN Ground Level: 4.10m. O.D. | |
| Depth m | Type | Result | (Date) Water | Description of Strata | Legend | Depth m | O.D. Level m |
| 0.30 | E1 | | | MADE GROUND - Dark brown and black, clayey gravelly SAND. Gravel of angular to sub-angular brick, ash, concrete, metal fragments and flint. |  | | |
| 0.60 | D1 | | | | | | |
| 0.90 | D2 | | | | | | |
| 1.20 | D3 | | | | | | |
| | | | | Pit abandoned at 1.40m depth. | | 1.40 | 2.70 |

- KEY**
- D - Disturbed Sample
 - B - Bulk Sample
 - U - Undisturbed Sample
 - R - Root Sample
 - W - Water Sample
 - J - Jar Sample
 - ∇ - Water Strike
 - ▼ - Water Rise
 - ∇c - Level on completion
 - MP - Mackintosh Probe
 - P () - Hand Penetrometer
 - Cohesion () kPa
 - V - Vane Shear Test
 - Cohesion () kPa

- REMARKS**
1. Pit dry during and on completion of excavation
 2. Pit sides stable during and on completion of excavation
 3. Live roots observed to 0.80m depth
 4. Pit abandoned due to presence of services

| | |
|---------------------|-------------|
| Project No 11401 | |
| Scale 1:25 | Page 1/1 |

LABORATORY TEST REPORT

Report Date
 17 March 2008

Results of analysis of 32 samples
 received 10 March 2008

Boal Quay

Login Batch No

Chemtest LIMS ID

Sample ID

Sample No

Depth

Matrix

SOP ↓ Determinand ↓

CAS No ↓

Units ↓

*

| | | | | | 38201 | | | | | |
|-------|-----------------|----------|--------------------------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | | AC83111 | AC83112 | AC83113 | AC83114 | AC83115 | AC83116 |
| | | | | | BH15 | BH9 | TP20 | TP27 | WS22 | WS24 |
| | | | | | 0.6 | 0.5 | 0.3 | 0.3 | 0.6 | 0.5 |
| | | | | | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE |
| SOP ↓ | Determinand ↓ | CAS No ↓ | Units ↓ | * | | | | | | |
| 1010 | pH | PH | - | U | 7.9 | 8.3 | 8.0 | 8.1 | 8.4 | 8.4 |
| 1300 | Cyanide (total) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1310 | Cyanide (free) | 57125 | mg l ⁻¹ | U | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| 1330 | Thiocyanate | 302045 | mg l ⁻¹ | U | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 1420 | Ammonium | 14798039 | mg l ⁻¹ | U | 0.07 | 0.14 | 0.14 | 0.15 | 0.29 | 0.22 |
| 1220 | Nitrate | 14797558 | mg l ⁻¹ | N | 1.6 | 1.1 | 2.4 | 2.5 | 0.57 | <0.5 |
| | Nitrate as N | 14797558 | mg l ⁻¹ | N | 0.4 | 0.3 | 0.6 | 0.6 | 0.1 | <0.1 |
| | Nitrite | 14797650 | mg l ⁻¹ | N | <0.02 | 0.023 | <0.02 | <0.02 | <0.02 | <0.02 |
| | Nitrite as N | 14797650 | mg l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| 1270 | Hardness | HARD_TO | mg CaCO ₃ l ⁻¹ | U | 66 | 50 | 78 | 90 | 55 | 65 |
| 1450 | Arsenic | 7440382 | µg l ⁻¹ | U | <1 | 1.0 | 2.0 | 19 | 7 | <1 |
| | Barium | 7440393 | µg l ⁻¹ | N | 18 | 7.2 | 14 | 11 | 7.1 | 8.7 |
| | Beryllium | 7440417 | µg l ⁻¹ | N | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Vanadium | 7440622 | µg l ⁻¹ | U | 1.1 | 1.5 | 2.3 | 7.1 | 2.4 | <1 |
| | Cadmium | 7440439 | µg l ⁻¹ | U | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Chromium | 7440473 | µg l ⁻¹ | U | 3.7 | 3.4 | 3.1 | 3.5 | 2.7 | 1.7 |
| | Copper | 7440508 | µg l ⁻¹ | U | <1 | <1 | 2.4 | 1.4 | 1.0 | <1 |
| | Lead | 7439921 | µg l ⁻¹ | U | <1 | <1 | 2.8 | 8.5 | 2.9 | <1 |
| | Mercury | 7439976 | µg l ⁻¹ | U | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| | Nickel | 7440020 | µg l ⁻¹ | U | <1 | <1 | <1 | <1 | <1 | <1 |
| | Selenium | 7782492 | µg l ⁻¹ | U | 1.3 | <1 | <1 | <1 | <1 | <1 |
| | Zinc | 7440666 | µg l ⁻¹ | U | 8.2 | <1 | 1.8 | 2.0 | 1.4 | <1 |
| 1676 | TPH >C5-C6 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C6-C7 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C7-C8 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C8-C10 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C10-C12 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C12-C16 | | µg l ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C16-C21 | | µg l ⁻¹ | U | <0.1 | <0.1 | 6.9 | <0.1 | <0.1 | <0.1 |
| | TPH >C21-C35 | | µg l ⁻¹ | U | <0.1 | <0.1 | 14 | <0.1 | <0.1 | <0.1 |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Column page 1

Report page 1 of 9

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | |
|------|------------------------------|--------|--------------------|---|----------|----------|----------|----------|----------|----------|
| | | | | | AC83111 | AC83112 | AC83113 | AC83114 | AC83115 | AC83116 |
| | | | | | BH15 | BH9 | TP20 | TP27 | WS22 | WS24 |
| | | | | | 0.6 | 0.5 | 0.3 | 0.3 | 0.6 | 0.5 |
| | | | | | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE | LEACHATE |
| 1676 | Total Petroleum Hydrocarbons | | µg l ⁻¹ | U | <10 | <10 | 21 | <10 | <10 | <10 |
| 1700 | Naphthalene | 91203 | µg l ⁻¹ | N | <0.1 | <0.1 | 1.2 | <0.1 | <0.1 | <0.1 |
| | Acenaphthylene | 208968 | µg l ⁻¹ | N | <0.1 | <0.1 | 0.7 | <0.1 | <0.1 | <0.1 |
| | Acenaphthene | 83329 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Fluorene | 86737 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.1 | <0.1 | <0.1 | <0.1 |
| | Phenanthrene | 85018 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Anthracene | 120127 | µg l ⁻¹ | N | <0.1 | <0.1 | 0.5 | <0.1 | <0.1 | <0.1 |
| | Fluoranthene | 206440 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.5 | <0.1 | <0.1 | <0.1 |
| | Pyrene | 129000 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.6 | <0.1 | <0.1 | <0.1 |
| | Benzo[a]anthracene | 56553 | µg l ⁻¹ | N | <0.1 | <0.1 | 0.9 | <0.1 | <0.1 | <0.1 |
| | Chrysene | 218019 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Benzo[b]fluoranthene | 205992 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.8 | <0.1 | <0.1 | <0.1 |
| | Benzo[k]fluoranthene | 207089 | µg l ⁻¹ | N | <0.1 | <0.1 | 2.4 | <0.1 | <0.1 | <0.1 |
| | Benzo[a]pyrene | 50328 | µg l ⁻¹ | N | <0.1 | <0.1 | 10 | <0.1 | <0.1 | <0.1 |
| | Dibenzo[a,h]anthracene | 53703 | µg l ⁻¹ | N | <0.1 | <0.1 | 1.2 | <0.1 | <0.1 | <0.1 |
| | Indeno[1,2,3-cd]pyrene | 193395 | µg l ⁻¹ | N | <0.1 | <0.1 | 2 | <0.1 | <0.1 | <0.1 |
| | Benzo[g,h,i]perylene | 191242 | µg l ⁻¹ | N | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | Total (of 16) PAHs | | µg l ⁻¹ | N | <2 | <2 | 29 | <2 | <2 | <2 |
| 1920 | Catechols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Phenol | 108952 | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Cresols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Xylenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Naphthols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Trimethyl phenols | | mg l ⁻¹ | N | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| | Phenols (total) | | mg l ⁻¹ | N | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 | <0.03 |

LABORATORY TEST REPORT

Results of analysis of 32 samples
 received 10 March 2008

Report Date
 17 March 2008

Boal Quay

| Login Batch No | | | | | 38201 | | | | | | | |
|----------------------|----------------------------|---------------------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| Chemtest LIMS ID | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| Sample ID | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| Sample No | | | | | | | | | | | | |
| Depth | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| Matrix | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| SOP↓ | Determinand↓ | CAS No↓ | Units↓ | | | | | | | | | |
| 2300 | Cyanide (total) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | 0.6 | < 0.5 | < 0.5 |
| 2310 | Cyanide (free) | 57125 | mg kg ⁻¹ | M | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2410 | Ammonium (extractable) | 7664417 | mg kg ⁻¹ | M | 23 | 90 | 4.1 | 4.1 | 1.9 | 1.6 | 2.9 | 1.1 |
| 2625 | Total Organic Carbon | | % | M | 1.6 | 1.9 | 6.5 | 0.74 | 22 | 0.57 | 1.8 | 0.88 |
| 2230 | Nitrate (extractable) | 14797558 | g l ⁻¹ | N | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| | Nitrate (extractable) as N | 14797558 | g l ⁻¹ | N | | | | | | | | |
| | Nitrite (extractable) | 14797650 | mg kg ⁻¹ | N | 0.046 | 0.072 | 0.17 | 0.054 | 0.17 | 0.024 | 0.62 | 0.066 |
| | Nitrite (extractable) as N | 14797650 | mg kg ⁻¹ | N | 0.02 | 0.02 | 0.06 | 0.02 | 0.06 | <0.01 | 0.20 | 0.02 |
| 2450 | Arsenic | 7440382 | mg kg ⁻¹ | M | 15 | 18 | 46 | 9.9 | 18 | 5.7 | 24 | 9.0 |
| | Barium | 7440393 | mg kg ⁻¹ | M | 120 | 110 | 200 | 110 | 230 | 130 | 78 | 72 |
| | Beryllium | 7440417 | mg kg ⁻¹ | | <1 | <1 | 1.5 | <1 | 3.1 | <1 | <1 | <1 |
| | Vanadium | 7440622 | mg kg ⁻¹ | M | 37 | 40 | 74 | 34 | 50 | 26 | 32 | 29 |
| | Cadmium | 7440439 | mg kg ⁻¹ | M | 0.24 | 0.20 | 0.78 | 0.17 | <0.1 | <0.1 | 0.40 | <0.1 |
| | Chromium | 7440473 | mg kg ⁻¹ | M | 29 | 33 | 44 | 26 | 23 | 19 | 21 | 22 |
| | Copper | 7440508 | mg kg ⁻¹ | M | 26 | 21 | 300 | 11 | 130 | 8.0 | 25 | 8.3 |
| | Mercury | 7439976 | mg kg ⁻¹ | M | 0.25 | 0.63 | 0.91 | <0.1 | 0.14 | <0.1 | 0.28 | <0.1 |
| | Nickel | 7440020 | mg kg ⁻¹ | M | 24 | 24 | 41 | 23 | 25 | 17 | 15 | 19 |
| | Lead | 7439921 | mg kg ⁻¹ | M | 67 | 98 | 260 | 18 | 130 | 12 | 56 | 16 |
| | Selenium | 7782492 | mg kg ⁻¹ | M | <0.2 | <0.2 | 0.63 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| | Zinc | 7440666 | mg kg ⁻¹ | M | 99 | 120 | 250 | 75 | 86 | 35 | 68 | 40 |
| 2675 | TPH aliphatic >C5-C6 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C6-C8 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C8-C10 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C10-C12 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C12-C16 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C16-C21 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aliphatic >C21-C35 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aromatic >C5-C7 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| | TPH aromatic >C7-C8 | | mg kg ⁻¹ | N | | | <0.1 | | | | | |
| TPH aromatic >C8-C10 | | mg kg ⁻¹ | N | | | <0.1 | | | | | | |

LABORATORY TEST REPORT

Results of analysis of 32 samples
received 10 March 2008

Report Date
17 March 2008

FAO Sasha Layton

Boal Quay

| | | | | 38201 | | | | | | | |
|------|------------------------------|--------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2675 | TPH aromatic >C10-C12 | | mg kg ⁻¹ | N | | | <0.1 | | | | |
| | TPH aromatic >C12-C16 | | mg kg ⁻¹ | N | | | 2.4 | | | | |
| | TPH aromatic >C16-C21 | | mg kg ⁻¹ | N | | | 21 | | | | |
| | TPH aromatic >C21-C35 | | mg kg ⁻¹ | N | | | 57 | | | | |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | M | | | 80 | | | | |
| 2676 | TPH >C5-C6 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C6-C7 | | mg kg ⁻¹ | U | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C7-C8 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| | TPH >C8-C10 | | mg kg ⁻¹ | M | <0.1 | <0.1 | <0.1 | 4.2 | 0.8 | <0.1 | <0.1 |
| | TPH >C10-C12 | | mg kg ⁻¹ | M | <0.1 | <0.1 | 0.1 | <0.1 | 1.3 | <0.1 | <0.1 |
| | TPH >C12-C16 | | mg kg ⁻¹ | M | 1.5 | 2.5 | 2.5 | 0.7 | 5.8 | 1.8 | 1.3 |
| | TPH >C16-C21 | | mg kg ⁻¹ | M | 2.8 | 4.2 | 7.9 | 0.9 | 12 | 1.7 | 2.4 |
| | TPH >C21-C35 | | mg kg ⁻¹ | M | 6.6 | 13 | 25 | 4.1 | 140 | 2.3 | 13 |
| | Total Petroleum Hydrocarbons | | mg kg ⁻¹ | N | <20 | <20 | 36 | <20 | 160 | <20 | <20 |
| 2700 | Naphthalene | 91203 | mg kg ⁻¹ | M | 0.2 | 0.3 | 2.7 | <0.1 | 7.2 | <0.1 | <0.1 |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | M | 0.2 | 0.3 | 1.6 | <0.1 | 3 | <0.1 | <0.1 |
| | Acenaphthene | 83329 | mg kg ⁻¹ | M | 0.2 | 0.3 | 0.6 | <0.1 | 0.9 | <0.1 | 0.3 |
| | Fluorene | 86737 | mg kg ⁻¹ | M | <0.1 | 0.2 | 0.5 | <0.1 | 0.6 | <0.1 | <0.1 |
| | Phenanthrene | 85018 | mg kg ⁻¹ | M | 0.4 | 0.9 | 4.7 | <0.1 | 5.5 | <0.1 | 0.4 |
| | Anthracene | 120127 | mg kg ⁻¹ | M | 0.2 | 0.4 | 2.1 | <0.1 | 2.2 | <0.1 | 0.1 |
| | Fluoranthene | 206440 | mg kg ⁻¹ | M | 0.6 | 1.8 | 11 | <0.1 | 8 | <0.1 | 0.8 |
| | Pyrene | 129000 | mg kg ⁻¹ | M | 0.5 | 1.6 | 9.5 | <0.1 | 6.3 | <0.1 | 0.8 |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | M | 0.3 | 1.1 | 7.5 | <0.1 | 3.9 | <0.1 | 0.5 |
| | Chrysene | 218019 | mg kg ⁻¹ | M | 0.3 | 1.2 | 8.4 | <0.1 | 4.9 | <0.1 | 0.6 |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | M | 0.3 | 1 | 7.7 | <0.1 | 4.8 | <0.1 | 0.6 |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | M | 0.3 | 0.7 | 6.6 | <0.1 | 3.6 | <0.1 | 0.4 |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | M | 0.3 | 1 | 8.1 | <0.1 | 5.4 | <0.1 | 0.6 |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | M | <0.1 | 0.2 | 2.5 | <0.1 | 0.4 | <0.1 | 0.2 |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | M | 0.4 | 1 | 7.6 | <0.1 | 1.3 | <0.1 | 0.4 |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | M | 0.3 | 0.9 | 7.1 | <0.1 | 1.4 | <0.1 | 0.3 |
| | Total (of 16) PAHs | | mg kg ⁻¹ | M | 4.2 | 13 | 88 | <2 | 59 | <2 | 5.6 |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 4 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|---------------------------|----------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | Dichlorodifluoromethane | 75718 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Chloromethane | 74873 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Vinyl chloride | 75014 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Bromomethane | 74839 | µg kg ⁻¹ | U | | | <20 | | | | | |
| | Chloroethane | 75003 | µg kg ⁻¹ | U | | | <2 | | | | | |
| | Trichlorofluoromethane | 75694 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,1-Dichloroethene | 75354 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Dichloromethane | 75092 | µg kg ⁻¹ | U | | | ne | | | | | |
| | trans-1,2-Dichloroethene | 156605 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,1-Dichloroethane | 75343 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | cis-1,2-Dichloroethene | 156592 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Bromochloromethane | 74975 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Trichloromethane | 67663 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,1,1-Trichloroethane | 71556 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Tetrachloromethane | 56235 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,1-Dichloropropene | 563586 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Benzene | 71432 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,2-Dichloroethane | 107062 | µg kg ⁻¹ | M | | | <2 | | | | | |
| | Trichloroethene | 79016 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dichloropropane | 78875 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Dibromomethane | 74953 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | Bromodichloromethane | 75274 | µg kg ⁻¹ | U | | | <5 | | | | | |
| | cis-1,3-Dichloropropene | 10061015 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | Toluene | 108883 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | trans-1,3-Dichloropropene | 10061026 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | 1,1,2-Trichloroethane | 79005 | µg kg ⁻¹ | M | | | <10 | | | | | |
| | Tetrachloroethene | 127184 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | 1,3-Dichloropropane | 142289 | µg kg ⁻¹ | U | | | <2 | | | | | |
| | Dibromochloromethane | 124481 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | 1,2-Dibromoethane | 106934 | µg kg ⁻¹ | U | | | <5 | | | | | |
| | Chlorobenzene | 108907 | µg kg ⁻¹ | M | | | <1 | | | | | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 5 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|-----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2760 | 1,1,1,2-Tetrachloroethane | 630206 | µg kg ⁻¹ | M | | | <2 | | | | | |
| | Ethylbenzene | 100414 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | m- & p-Xylene | 1330207 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | o-Xylene | 95476 | µg kg ⁻¹ | M | | | <1 | | | | | |
| | Styrene | 100425 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Tribromomethane | 75252 | µg kg ⁻¹ | U | | | <10 | | | | | |
| | Isopropylbenzene | 98828 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Bromobenzene | 108861 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,1,2,2-Tetrachloroethane | 79345 | µg kg ⁻¹ | M | | | <10 | | | | | |
| | 1,2,3-Trichloropropane | 96184 | µg kg ⁻¹ | U | | | <50 | | | | | |
| | n-Propylbenzene | 103651 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 2-Chlorotoluene | 95498 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,3,5-Trimethylbenzene | 108678 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 4-Chlorotoluene | 106434 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | tert-Butylbenzene | 98066 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2,4-Trimethylbenzene | 95636 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | sec-Butylbenzene | 135988 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,3-Dichlorobenzene | 541731 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 4-Isopropyltoluene | 99876 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,4-Dichlorobenzene | 106467 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | n-Butylbenzene | 104518 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dichlorobenzene | 95501 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2-Dibromo-3-chloropropane | 96128 | µg kg ⁻¹ | U | | | <50 | | | | | |
| | 1,2,4-Trichlorobenzene | 120821 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | Hexachlorobutadiene | 87683 | µg kg ⁻¹ | U | | | <1 | | | | | |
| | 1,2,3-Trichlorobenzene | 87616 | µg kg ⁻¹ | U | | | <2 | | | | | |
| 2790 | N-Nitrosodimethylamine | 62759 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Phenol | 108952 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | bis(2-Chloroethyl)ether | 111444 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Chlorophenol | 95578 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 1,3-Dichlorobenzene | 541731 | mg kg ⁻¹ | N | | | <0.5 | | | | | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 6 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Report Date
 17 March 2008

Results of analysis of 32 samples
 received 10 March 2008

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|-----------------------------|--------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | 1,4-Dichlorobenzene | 106467 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 1,2-Dichlorobenzene | 95501 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Methylphenol | 95487 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | bis(2-Chloroisopropyl)ether | 108601 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Methylphenol | 106445 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | N-Nitrosodi-n-propylamine | 621647 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachloroethane | 67721 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Nitrobenzene | 98953 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Isophorone | 78591 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Nitrophenol | 88755 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4-Dimethylphenol | 105679 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | bis(2-Chloroethoxy)methane | 111911 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4-Dichlorophenol | 120832 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 1,2,4-Trichlorobenzene | 120821 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Naphthalene | 91203 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Chloroaniline | 106478 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachlorobutadiene | 87683 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Chloro-3-methylphenol | 59507 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Methylnaphthalene | 91576 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachlorocyclopentadiene | 77474 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4,6-Trichlorophenol | 88062 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4,5-Trichlorophenol | 95954 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Chloronaphthalene | 91587 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Nitroaniline | 88744 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Dimethylphthalate | 131113 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,6-Dinitrotoluene | 606202 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Acenaphthylene | 208968 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 3-Nitroaniline | 99092 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Acenaphthene | 83329 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Dibenzofuran | 132649 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2,4-Dinitrotoluene | 121142 | mg kg ⁻¹ | N | | | <0.5 | | | | | |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 7 of 9

Report sample ID range AC83085 to AC83116

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Report Date
17 March 2008

Results of analysis of 32 samples
received 10 March 2008

FAO Sasha Layton

Boal Quay

| | | | | | 38201 | | | | | | | |
|------|----------------------------|---------|---------------------|---|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 |
| | | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 |
| | | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 |
| | | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL |
| 2790 | Diethylphthalate | 84662 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Fluorene | 86737 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Chlorophenylether | 7005723 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Nitroaniline | 100016 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 2-Methyl-4,6-dinitrophenol | 534521 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Azobenzene | 103333 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | 4-Bromophenylphenylether | 101553 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Hexachlorobenzene | 118741 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Pentachlorophenol | 87865 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Phenanthrene | 85018 | mg kg ⁻¹ | N | | | 1.7 | | | | | |
| | Anthracene | 120127 | mg kg ⁻¹ | N | | | 0.5 | | | | | |
| | Carbazole | 86748 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Di-n-butylphthalate | 84742 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Fluoranthene | 206440 | mg kg ⁻¹ | N | | | 6.7 | | | | | |
| | Pyrene | 129000 | mg kg ⁻¹ | N | | | 5.9 | | | | | |
| | Butylbenzylphthalate | 85687 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Benzo[a]anthracene | 56553 | mg kg ⁻¹ | N | | | 3.4 | | | | | |
| | Chrysene | 218019 | mg kg ⁻¹ | N | | | 2.9 | | | | | |
| | bis(2-Ethylhexyl)phthalate | 117817 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Di-n-octylphthalate | 117840 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Benzo[b]fluoranthene | 205992 | mg kg ⁻¹ | N | | | 4.0 | | | | | |
| | Benzo[k]fluoranthene | 207089 | mg kg ⁻¹ | N | | | 3.1 | | | | | |
| | Benzo[a]pyrene | 50328 | mg kg ⁻¹ | N | | | 3.3 | | | | | |
| | Indeno[1,2,3-cd]pyrene | 193395 | mg kg ⁻¹ | N | | | 1.7 | | | | | |
| | Dibenzo[a,h]anthracene | 53703 | mg kg ⁻¹ | N | | | <0.5 | | | | | |
| | Benzo[g,h,i]perylene | 191242 | mg kg ⁻¹ | N | | | 2.2 | | | | | |
| 2920 | Catechols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Phenol | 108952 | mg kg ⁻¹ | M | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Cresols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Xylenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Naphthols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |

All tests undertaken between 12-Mar-2008 and 17-Mar-2008

Column page 2

Report page 8 of 9

This report should be interpreted in conjunction with the notes on the accompanying cover page

Report sample ID range AC83085 to AC83116

LABORATORY TEST REPORT

Results of analysis of 32 samples
 received 10 March 2008

Report Date
 17 March 2008

FAO Sasha Layton

Boal Quay

| | | | | 38201 | | | | | | | | |
|------|-----------------------------|--|---------------------|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | | | | AC83093 | AC83094 | AC83095 | AC83096 | AC83097 | AC83098 | AC83099 | AC83100 | |
| | | | | BH9 | BH9 | TP20 | TP21 | TP22 | TP22 | TP26 | TP26 | |
| | | | | 2.0 | 4.0 | 0.3 | 0.3 | 0.3 | 1.2 | 0.3 | 1.5 | |
| | | | | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | SOIL | |
| 2920 | Trimethyl phenols | | mg kg ⁻¹ | U | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 |
| | Phenols (total) | | mg kg ⁻¹ | U | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 | <0.3 |
| 2010 | pH | | - | M | 7.9 | 8.3 | 7.7 | 8.1 | 9.6 | 9.0 | 8.1 | 7.8 |
| 2030 | Moisture | | % | n/a | 26.1 | 35.2 | 13.2 | 15.5 | 6.99 | 20.5 | 14.6 | 22.7 |
| | Stone content (as received) | | % | n/a | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| 2140 | Soil colour | | | n/a | brown | brown | brown | brown | black | brown | brown | brown |
| | Soil texture | | | n/a | clay | clay | sand | sand | sand | clay | clay | clay |
| | Other material | | | n/a | none | none | stones | none | stones | none | none | none |
| 2186 | Asbestos (presence/absence) | | - | N | not detected | not detected | not detected | not detected | not detected | not detected | not detected | not detected |