

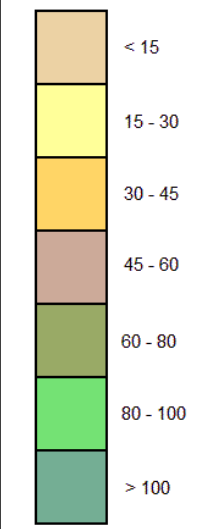
**General**

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

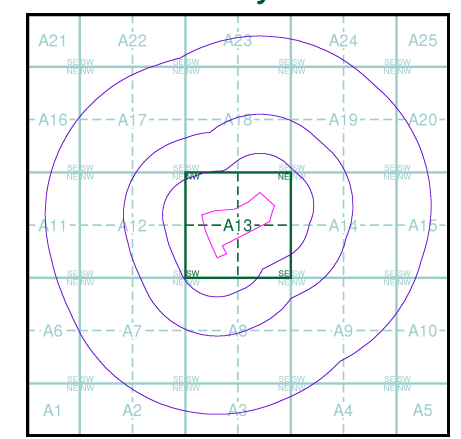
**Urban Soil Chemistry Nickel**

● BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)

Nickel Concentrations mg/kg



**Urban Soil Chemistry Nickel - Slice A**



**Order Details**

Order Details: 300223772\_1\_1  
 Customer Ref: 20295  
 National Grid Reference: 516460, 172390  
 Slice: A  
 Site Area (Ha): 8.93  
 Search Buffer (m): 1000

**Site Details**

Thames Young Mariners O E C, Ham Fields, RICHMOND, TW10 7RX

## Appendix E Site Photographs



Photo 1: Looking east, with site access road along the right-hand side of the photo.



Photo 2: Looking west at TYM complex.



Photo 3: Looking northwest along the northern side of TYM complex.



Photo 4: Located on northern side of TYM complex with the main building on the left-hand side and lake in the background.



Photo 5: Former dock located on the western side of the TYM complex.



Photo 6: Looking west at the southern end of the dock and camping area on the left-hand side.



Photo 7: Looking south across the camping area located in the southwest corner of the site.



Photo 8: Looking northeast across the lake from the northeast corner of the TYM complex.



Photo 9: General photo of buildings within TYM complex.



Photo 10: General photo of buildings within TYM complex.



## Appendix F Risk Assessment Criteria

The classification presented in Table F.1 to Table F.4 below are modified from, 'contaminated land risk assessment: A guide to good practice, 2001, CIRIA C552'.

**Table F.1. Classification of Consequence**

| Classification | Definition   |
|----------------|--|
| Severe         | Short-term (acute) risk to human health likely to result in "significant harm" as defined by the Environmental Protection Act 1990, Part IIA. Short term risk of pollution (note: Water Recourses Act contains no scope for considering significance of pollution) of sensitive water resource. Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000.) |
| Medium         | Chronic damage to Human Health ("significant harm" as defined in DETR, 2000). Pollution of sensitive water recourse (note: Water Recourses Act contains no scope for considering significance of pollution). A significant change in a particular ecosystem (note: the definitions of ecological systems within the Draft Circular on Contaminated Land, DETR, 2000.)  |
| Mild           | Pollution of non-sensitive water recourses. Significant damage to crops, buildings, structures and services ("significant harm" as defined in the Draft Circular on Contaminated Land, DETR, 2000.)  |
| Minor          | Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc.)   |

**Table F.2. Classification of Probability**

| Classification  | Definition   |
|-----------------|--|
| High likelihood | There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term or there is evidence at the receptors of harm or pollution.   |
| Likely          | There is a pollution linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable but possible in the short term and likely over the long term. |
| Low likelihood  | There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place and is less likely in the short term.                                    |
| Unlikely        | There is a pollution linkage, but circumstances are such that it is improbable that an event would occur even in the long term.  |

**Table F.3. Comparison of Consequence Against Probability**

| Probability     | Consequence    |                   |                   |                   |
|-----------------|----------------|-------------------|-------------------|-------------------|
|                 | Severe         | Medium            | Mild              | Minor             |
| High likelihood | Very high risk | High risk         | Moderate risk     | Moderate/low risk |
| Likely          | High risk      | Moderate risk     | Moderate/low risk | Low risk          |
| Low likelihood  | Moderate risk  | Moderate/low risk | Low risk          | Very low risk     |
| Unlikely        | Moderate risk  | Low risk          | Very low risk     | Very low risk     |



**Table F.4. Risk Classifications**

|           |   |
|-----------|---|
| Very High | There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without remediation action OR there is evidence that severe harm to a designated receptor is already occurring. Realisation of that risk is likely to present a substantial liability to be site owner/or occupier. Investigation is required as a matter of urgency and remediation works likely to follow in the short-term.          |
| High      | Harm is likely to arise to a designated receptor from an identified hazard at the site without remediation action. Realisation of the risk is likely to present a substantial liability to the site owner/or occupier. Investigation is required as a matter of urgency to clarify the risk. Remediation works may be necessary in the short-term and are likely over the longer term.  |
| Moderate  | It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely, that the harm would be relatively mild. Further investigative work is normally required to clarify the risk and to determine the potential liability to site owner/occupier. Some remediation works may be required in the longer term. |
| Low       | It is possible that harm could arise to a designated receptor from identified hazard, but it is likely at worst, that this harm if realised would normally be mild. It is unlikely that the site owner/or occupier would face substantial liabilities from such a risk. Further investigative work (which is likely to be limited) to clarify the risk may be required. Any subsequent remediation works are likely to be relatively limited.                   |
| Very low  | There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.   |
| None      | No potential risk if no pollution linkage has been established.   |

**Soils Limited**  
**Geotechnical & Environmental Consultants**

**Newton House**  
**Cross Road, Tadworth**  
**Surrey KT20 5SR**

**T 01737 814221**  
**W [soilslimited.co.uk](http://soilslimited.co.uk)**