Former Waste Control Site, Bellevue

LOCATION PLAN

Legend

Main Roads
Railway
Park
Drainage Area
Boundaries
Hanson and Industrial Area
Former Waste Control Boundary
Dampland Boundary
Lot 2 Boundary

DATUM GDA94, Projection MGA94, Zone 50

CLIENT
Department of Environment and Conservation

PROJECT
087643011 036 R REVO

DATE
JUN 2008

DRAWN
JOR

APPROVED
MB
**Former Waste Control Site, Bellevue**

**GROUNDWATER CONCENTRATIONS**

(2008) EXCEEDING

RISK-BASED CRITERIA AND
AQUATIC SCREENING CRITERIA

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**Parameter**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Minimum risk based criteria &lt;br&gt; Site and Lot 2 (mg/L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arsenic = Arsenic - Dissolved</td>
<td>2.41</td>
</tr>
<tr>
<td>1,4-DCB = 1,4-Dichlorobenzene</td>
<td>3.73</td>
</tr>
<tr>
<td>Benzene = Benzene</td>
<td>2.74</td>
</tr>
<tr>
<td>BaP = Benzo(a)pyrene</td>
<td>0.366</td>
</tr>
<tr>
<td>TCE = Trichloroethene</td>
<td>35.1</td>
</tr>
<tr>
<td>1,2-DCA = 1,2-Dichloroethane</td>
<td>1.26</td>
</tr>
<tr>
<td>VB = Vinyl bromide</td>
<td>1.13</td>
</tr>
<tr>
<td>DEHP = Bis(2-ethylhexyl)phthalate</td>
<td>2.8</td>
</tr>
<tr>
<td>TPH(C6-C9)</td>
<td>22.9</td>
</tr>
<tr>
<td>TPH(C10-C14)</td>
<td>655</td>
</tr>
</tbody>
</table>

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<th>Minimum risk based criteria &lt;br&gt; Damplands</th>
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<tr>
<td>TCE = Trichloroethene</td>
<td>84.7</td>
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</table>

**Concentrations in mg/L.**

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**Concentrations over RBC**

- Groundwater
- Surface Water
- Site Boundaries
- Cadastre
- Drainage

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**CLIENT** | Department of Environment and Conservation
**PROJECT** | 087643011 036 R REVO
**DATE** | NOV 2008
**DRAWN** | SR
**APPROVED** | MB
**COMPARISON OF RESULTS FROM MARCH AND OCT 2008 EXCEEDING RISK-BASED CRITERIA**

**Former Waste Control Site, Bellevue**

**Parameter** | **Minimum risk based criteria Site and Lot 2 (mg/L)** | **Minimum risk based criteria Damplands** | **Aquatic screening Criteria**
---|---|---|---
Arsenic = Arsenic - Dissolved | 2.41 |  |  
1,4-DCB = 1,4-Dichlorobenzene | 3.73 |  |  
Benzene = Benzene | 2.74 |  |  
B(a)P = Benzo(a) pyrene | 0.366 |  |  
TCE = Trichloroethene | 35.1 |  |  
1,2-DCA = 1,2-Dichloroethane | 1.13 |  |  
VB = Vinyl bromide | 2.8 |  |  
DEHP = Bis(2-ethylhexyl)phthalate | 22.9 |  |  
TPH(C6-C9) | 655 |  |  
**Total Petroleum Hydrocarbons (TPH) (C10-C14)** | 84.7 |  |  

*Concentration Below Risk-based Criteria*  
Zn = Zinc | 8 |  |  
Fe = Iron | 300 |  |  
Al = Aluminium | 65 |  |  

Concentrations in mg/L.