

大潭燃氣火力發電計畫營運期間環境監測工作

103 年第 3 季監測成果摘要

| 監 測 計 畫 內 容 | 成 果 摘 要 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|------------------|---|-----------|----------|------------|---|---|----------|----|-----------------|------------------|----|--------------|----|-----------|-----------|----------|----------|----------|----------|---------|-------------|-------------------|------|---------|---------|-------|----|----|------------|-------------------------|-------------------|----|------|----------|--------|-------|----|------------|-----------------|-------------|-----|-------|-----------|--|--|-------|-------|-------------|-----------|-----------|-------|-------|-------|-------------|----------|--------|------------|-----------------|-------------|-------------|-------|-------|-------|-------|-------|-------|-------------|------|-------|-------|-------|-----|------|-----------|-----------|---------|-----|------|-----------|-----------|-----|-----|---------|-----------|-------------|---|----|-------|-------------|-------------|-----|------|------|-----------|-----------|---|
| <p>空氣品質</p> <p>一、項目： 總懸浮微粒(TSP)、懸浮微粒(PM₁₀)、二氧化硫(SO₂)、二氧化氮(NO₂)、地面風速、風向。</p> <p>二、地點： 觀音國小、大潭國小、永安國小、新屋國小、大坡國小及新坡國小，計 6 站。</p> <p>三、頻率： 每季以連續自動監測儀器進行一次 24 小時連續記錄分析(詳請見執行情形)。</p> | <p>一、執行情形：</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">測站 項目、日期</th> <th style="text-align: center;">大潭 國小</th> <th style="text-align: center;">新坡 國小</th> <th style="text-align: center;">新屋 國小</th> <th style="text-align: center;">觀音 國小</th> <th style="text-align: center;">永安 國小</th> <th style="text-align: center;">大坡 國小</th> </tr> <tr> <td>TSP、PM₁₀、SO₂、NO₂、地面風速、風向</td> <td colspan="6">103.07.14~103.07.20，分別於觀音國小、大潭國小、永安國小、新屋國小、大坡國小及新坡國小等均設置空氣品質監測站，其各項目均採連續監測。</td> </tr> </table> <p>二、監測值：</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">測站 項目、監測值</th> <th style="text-align: center;">單位</th> <th style="text-align: center;">大潭 國小</th> <th style="text-align: center;">新坡 國小</th> <th style="text-align: center;">新屋 國小</th> <th style="text-align: center;">觀音 國小</th> <th style="text-align: center;">永安 國小</th> <th style="text-align: center;">大坡 國小</th> <th style="text-align: center;">標準</th> </tr> <tr> <td>TSP(24 小時值)</td> <td>µg/m³</td> <td>78</td> <td>57</td> <td>86</td> <td>78</td> <td>85</td> <td>85</td> <td>250</td> </tr> <tr> <td>PM₁₀(日平均值)</td> <td>µg/m³</td> <td>35</td> <td>30</td> <td>45</td> <td>37</td> <td>45</td> <td>63</td> <td>125</td> </tr> <tr> <td rowspan="2">SO₂</td> <td>最大 小時平均值</td> <td>ppm</td> <td>0.008</td> <td>0.006</td> <td>0.015</td> <td>0.011</td> <td>0.012</td> <td>0.004</td> <td>0.25</td> </tr> <tr> <td>日平均值</td> <td>ppm</td> <td>0.006</td> <td>0.005</td> <td>0.011</td> <td>0.007</td> <td>0.009</td> <td>0.003</td> <td>0.1</td> </tr> <tr> <td rowspan="2">NO₂</td> <td>最大 小時平均值</td> <td>ppm</td> <td>0.023</td> <td>0.018</td> <td>0.027</td> <td>0.024</td> <td>0.017</td> <td>0.026</td> <td>0.25</td> </tr> <tr> <td>日平均值</td> <td>m/s</td> <td>2.1</td> <td>2.2</td> <td>2.3</td> <td>2.3</td> <td>2.6</td> <td>1.0</td> <td>—</td> </tr> <tr> <td>風速</td> <td>日平均值</td> <td>m/s</td> <td>2.1</td> <td>2.2</td> <td>2.3</td> <td>2.3</td> <td>2.6</td> <td>1.0</td> <td>—</td> </tr> <tr> <td>風向</td> <td>16 方位</td> <td>WSW</td> <td>SSE</td> <td>SSE</td> <td>ESE</td> <td>ENE</td> <td>WSW</td> <td>—</td> </tr> </table> <p>三、摘要：本季各測站各項目測值均符合空氣品質標準。</p> | 測站 項目、日期 | 大潭 國小 | 新坡 國小 | 新屋 國小 | 觀音 國小 | 永安 國小 | 大坡 國小 | TSP、PM ₁₀ 、SO ₂ 、NO ₂ 、地面風速、風向 | 103.07.14~103.07.20，分別於觀音國小、大潭國小、永安國小、新屋國小、大坡國小及新坡國小等均設置空氣品質監測站，其各項目均採連續監測。 | | | | | | 測站 項目、監測值 | 單位 | 大潭 國小 | 新坡 國小 | 新屋 國小 | 觀音 國小 | 永安 國小 | 大坡 國小 | 標準 | TSP(24 小時值) | µg/m ³ | 78 | 57 | 86 | 78 | 85 | 85 | 250 | PM ₁₀ (日平均值) | µg/m ³ | 35 | 30 | 45 | 37 | 45 | 63 | 125 | SO ₂ | 最大 小時平均值 | ppm | 0.008 | 0.006 | 0.015 | 0.011 | 0.012 | 0.004 | 0.25 | 日平均值 | ppm | 0.006 | 0.005 | 0.011 | 0.007 | 0.009 | 0.003 | 0.1 | NO ₂ | 最大 小時平均值 | ppm | 0.023 | 0.018 | 0.027 | 0.024 | 0.017 | 0.026 | 0.25 | 日平均值 | m/s | 2.1 | 2.2 | 2.3 | 2.3 | 2.6 | 1.0 | — | 風速 | 日平均值 | m/s | 2.1 | 2.2 | 2.3 | 2.3 | 2.6 | 1.0 | — | 風向 | 16 方位 | WSW | SSE | SSE | ESE | ENE | WSW | — | |
| 測站 項目、日期 | 大潭 國小 | 新坡 國小 | 新屋 國小 | 觀音 國小 | 永安 國小 | 大坡 國小 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TSP、PM ₁₀ 、SO ₂ 、NO ₂ 、地面風速、風向 | 103.07.14~103.07.20，分別於觀音國小、大潭國小、永安國小、新屋國小、大坡國小及新坡國小等均設置空氣品質監測站，其各項目均採連續監測。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 測站 項目、監測值 | 單位 | 大潭 國小 | 新坡 國小 | 新屋 國小 | 觀音 國小 | 永安 國小 | 大坡 國小 | 標準 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TSP(24 小時值) | µg/m ³ | 78 | 57 | 86 | 78 | 85 | 85 | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PM ₁₀ (日平均值) | µg/m ³ | 35 | 30 | 45 | 37 | 45 | 63 | 125 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SO ₂ | 最大 小時平均值 | ppm | 0.008 | 0.006 | 0.015 | 0.011 | 0.012 | 0.004 | 0.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 日平均值 | ppm | 0.006 | 0.005 | 0.011 | 0.007 | 0.009 | 0.003 | 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NO ₂ | 最大 小時平均值 | ppm | 0.023 | 0.018 | 0.027 | 0.024 | 0.017 | 0.026 | 0.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 日平均值 | m/s | 2.1 | 2.2 | 2.3 | 2.3 | 2.6 | 1.0 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 風速 | 日平均值 | m/s | 2.1 | 2.2 | 2.3 | 2.3 | 2.6 | 1.0 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 風向 | 16 方位 | WSW | SSE | SSE | ESE | ENE | WSW | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>河川水質</p> <p>一、項目： pH、濁度、溶氧量、生化需氧量、懸浮固體、氯鹽、氯氮、大腸菌密度、重金屬(銅、鋅、鉛、鎘、汞)、導電度、水溫、指標生物、磷、硝酸鹽氮。</p> <p>二、地點： 小飯壠溪口及新屋溪口各 1 處，計 2 站。</p> <p>三、頻率： 每季乙次。</p> | <p>一、執行情形：</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">測站 項目、日期</th> <th style="text-align: center;">測站 1 新屋溪 漲退潮</th> <th style="text-align: center;">測站 2 小飯壠溪 漲退潮</th> </tr> <tr> <td>pH、濁度、溶氧量、生化需氧量、懸浮固體、氯鹽、氯氮、大腸菌密度、重金屬(銅、鋅、鉛、鎘、汞)、導電度、水溫、磷、硝酸鹽氮</td> <td colspan="2" style="text-align: center;">103.07.16</td> </tr> <tr> <td>指標生物</td> <td colspan="2" style="text-align: center;">103.07.15~103.07.16</td> </tr> </table> <p>二、監測值：</p> <p>1.水質分析：</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">測站 項目</th> <th style="text-align: center;">單位</th> <th style="text-align: center;">測站 1 新屋溪 漲退潮</th> <th style="text-align: center;">測站 2 小飯壠溪 漲退潮</th> <th style="text-align: center;">標準</th> </tr> <tr> <td>溫度</td> <td>°C</td> <td>30.7~31.7</td> <td>30.2~31.5</td> <td>—</td> </tr> <tr> <td>濁度</td> <td>NTU</td> <td>6.6~6.9</td> <td>5.8~6.3</td> <td>—</td> </tr> <tr> <td>DO</td> <td>mg/L</td> <td>6.0~7.1</td> <td>7.2~8.8</td> <td>≥ 3.0</td> </tr> <tr> <td>pH</td> <td>—</td> <td>7.2~7.5</td> <td>7.2~8.1</td> <td>6~9</td> </tr> <tr> <td>SS</td> <td>mg/L</td> <td>5.4~12.2</td> <td>均為 5.2</td> <td>≤ 100</td> </tr> <tr> <td>氯鹽</td> <td>mg/L</td> <td>439~1,360</td> <td>1,090~3,020</td> <td>—</td> </tr> <tr> <td>大腸桿菌群</td> <td>CFU/100mL</td> <td>3.2×10³~9.3×10³</td> <td>5.8×10³~2.0×10⁴</td> <td>—</td> </tr> <tr> <td>氯氮</td> <td>mg/L</td> <td>0.32~0.33</td> <td>0.16~0.22</td> <td>—</td> </tr> <tr> <td>銅</td> <td>mg/L</td> <td>0.017~0.020</td> <td>均為 0.008</td> <td>≤ 0.03</td> </tr> <tr> <td>鋅</td> <td>mg/L</td> <td>均為 0.011</td> <td>0.012~0.032</td> <td>≤ 0.5</td> </tr> <tr> <td>鉛</td> <td>mg/L</td> <td>均為 ND</td> <td>均為 ND</td> <td>≤ 0.1</td> </tr> <tr> <td>鎘</td> <td>mg/L</td> <td>均為 ND</td> <td>均為 ND</td> <td>≤ 0.1</td> </tr> <tr> <td>汞</td> <td>mg/L</td> <td>ND~0.0004</td> <td>ND~0.0004</td> <td>≤ 0.002</td> </tr> <tr> <td>BOD</td> <td>mg/L</td> <td>11.2~11.7</td> <td>10.5~11.5</td> <td>—</td> </tr> <tr> <td>導電度</td> <td>µmho/cm</td> <td>956~1,310</td> <td>4,610~6,250</td> <td>—</td> </tr> <tr> <td>總磷</td> <td>mg/L</td> <td>0.350~0.428</td> <td>0.008~0.259</td> <td>—</td> </tr> <tr> <td>硝酸鹽氮</td> <td>mg/L</td> <td>3.29~3.57</td> <td>0.44~0.55</td> <td>—</td> </tr> </table> | 測站 項目、日期 | 測站 1 新屋溪 漲退潮 | 測站 2 小飯壠溪 漲退潮 | pH、濁度、溶氧量、生化需氧量、懸浮固體、氯鹽、氯氮、大腸菌密度、重金屬(銅、鋅、鉛、鎘、汞)、導電度、水溫、磷、硝酸鹽氮 | 103.07.16 | | 指標生物 | 103.07.15~103.07.16 | | 測站 項目 | 單位 | 測站 1 新屋溪 漲退潮 | 測站 2 小飯壠溪 漲退潮 | 標準 | 溫度 | °C | 30.7~31.7 | 30.2~31.5 | — | 濁度 | NTU | 6.6~6.9 | 5.8~6.3 | — | DO | mg/L | 6.0~7.1 | 7.2~8.8 | ≥ 3.0 | pH | — | 7.2~7.5 | 7.2~8.1 | 6~9 | SS | mg/L | 5.4~12.2 | 均為 5.2 | ≤ 100 | 氯鹽 | mg/L | 439~1,360 | 1,090~3,020 | — | 大腸桿菌群 | CFU/100mL | 3.2×10 ³ ~9.3×10 ³ | 5.8×10 ³ ~2.0×10 ⁴ | — | 氯氮 | mg/L | 0.32~0.33 | 0.16~0.22 | — | 銅 | mg/L | 0.017~0.020 | 均為 0.008 | ≤ 0.03 | 鋅 | mg/L | 均為 0.011 | 0.012~0.032 | ≤ 0.5 | 鉛 | mg/L | 均為 ND | 均為 ND | ≤ 0.1 | 鎘 | mg/L | 均為 ND | 均為 ND | ≤ 0.1 | 汞 | mg/L | ND~0.0004 | ND~0.0004 | ≤ 0.002 | BOD | mg/L | 11.2~11.7 | 10.5~11.5 | — | 導電度 | µmho/cm | 956~1,310 | 4,610~6,250 | — | 總磷 | mg/L | 0.350~0.428 | 0.008~0.259 | — | 硝酸鹽氮 | mg/L | 3.29~3.57 | 0.44~0.55 | — |
| 測站 項目、日期 | 測站 1 新屋溪 漲退潮 | 測站 2 小飯壠溪 漲退潮 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH、濁度、溶氧量、生化需氧量、懸浮固體、氯鹽、氯氮、大腸菌密度、重金屬(銅、鋅、鉛、鎘、汞)、導電度、水溫、磷、硝酸鹽氮 | 103.07.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 指標生物 | 103.07.15~103.07.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 測站 項目 | 單位 | 測站 1 新屋溪 漲退潮 | 測站 2 小飯壠溪 漲退潮 | 標準 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 溫度 | °C | 30.7~31.7 | 30.2~31.5 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 濁度 | NTU | 6.6~6.9 | 5.8~6.3 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DO | mg/L | 6.0~7.1 | 7.2~8.8 | ≥ 3.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH | — | 7.2~7.5 | 7.2~8.1 | 6~9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SS | mg/L | 5.4~12.2 | 均為 5.2 | ≤ 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 氯鹽 | mg/L | 439~1,360 | 1,090~3,020 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 大腸桿菌群 | CFU/100mL | 3.2×10 ³ ~9.3×10 ³ | 5.8×10 ³ ~2.0×10 ⁴ | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 氯氮 | mg/L | 0.32~0.33 | 0.16~0.22 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 銅 | mg/L | 0.017~0.020 | 均為 0.008 | ≤ 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鋅 | mg/L | 均為 0.011 | 0.012~0.032 | ≤ 0.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鉛 | mg/L | 均為 ND | 均為 ND | ≤ 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鎘 | mg/L | 均為 ND | 均為 ND | ≤ 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 汞 | mg/L | ND~0.0004 | ND~0.0004 | ≤ 0.002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOD | mg/L | 11.2~11.7 | 10.5~11.5 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 導電度 | µmho/cm | 956~1,310 | 4,610~6,250 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 總磷 | mg/L | 0.350~0.428 | 0.008~0.259 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 硝酸鹽氮 | mg/L | 3.29~3.57 | 0.44~0.55 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

監測計畫內容

成 果 摘 要

2. 指標生物：

(1) 魚類資源、底棲生物：

| 測站 項目、監測值 | 魚類資源 | | 底棲生物 | |
|--------------------|-----------|-----------|-----------|-----------|
| | 小飯壠溪 | 新屋溪 | 小飯壠溪 | 新屋溪 |
| 種量、數量 | 15 種 47 尾 | 11 種 29 尾 | 11 種 42 尾 | 11 種 64 尾 |
| 優勢度指數(λ) | 0.87 | 0.87 | 0.79 | 0.67 |
| 多樣性指數(H') | 1.01 | 0.96 | 0.84 | 0.70 |
| 豐富度指標(SR) | 8.37 | 6.84 | 6.16 | 5.54 |
| 均勻度指數(J) | 0.86 | 0.92 | 0.81 | 0.68 |

(2) 浮游植物：

| 測站 項目、監測值 | 浮游植物 | | | | 浮游動物 | | | |
|--------------------|------------------|----------------|------------------|------------------|----------------|----------------|----------------|----------------|
| | 小飯壠溪 | | 新屋溪 | | 小飯壠溪 | | 新屋溪 | |
| | 乾潮 | 滿潮 | 乾潮 | 滿潮 | 乾潮 | 滿潮 | 乾潮 | 滿潮 |
| 種量、數量 | 37 種 1,075 隻次 | 37 種 965 隻次 | 47 種 1,400 隻次 | 40 種 1,020 隻次 | 12 種 300 隻次 | 10 種 235 隻次 | 12 種 395 隻次 | 10 種 260 隻次 |
| 藻屬指數(GI) | 0.31 | 0.34 | 0.22 | 0.30 | — | — | — | — |
| 優勢度指數(λ) | 0.94 | 0.93 | 0.97 | 0.95 | 0.89 | 0.85 | 0.89 | 0.86 |
| 多樣性指數(H') | 1.40 | 1.33 | 1.56 | 1.41 | 1.01 | 0.89 | 1.02 | 0.90 |
| 豐富度指標(SR) | 11.88 | 12.06 | 14.62 | 12.96 | 4.44 | 3.80 | 4.24 | 3.73 |
| 均勻度指數(J) | 0.89 | 0.85 | 0.93 | 0.88 | 0.94 | 0.89 | 0.95 | 0.90 |

三、摘要：

1. 水質分析：本季各測站項目測值均符合丁類陸域地面水體水質標準。
2. 指標生物：本季小飯壠溪及新屋溪測站所發現之指標生物均屬台灣地區西部出海口水域環境下常見指標魚種。本季採樣過程中仍可捕獲代表中度污染之魚種，屬正常現象，而捕獲之個體外表及採樣之水域環境未發現特殊明顯異常情形。

| 監測計畫內容 | 成 果 摘 要 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-----------|---|---------------------------------|-----------|------|-------|-----------|---|----|-------|---------|----------------|----|-------|-----------|---|-----|-------|-----------|-------------|-----|-------|-----------|---|-----|-------|---------------|---|----|-------|-------------|---|--------------|------|-----------|-------------|--------------|---|-----------|---|--------------|------|---------------|--------------|--------------|------|------------|-------------|---------------|------|-------------|-------------|---------------|------|------------|------------|----------------|------|-----------|------------|-------|-----------|--------|---|----------------|------|-----------|---|--|
| <p>海域水質</p> <p>一、項目：</p> <p>1.水質： pH、水溫、鹽度、懸浮固體、溶氧量、生化需氧量、大腸桿菌群、氨氮、硝酸鹽、磷酸鹽、重金屬(銅、鋅、鉛、鎘、汞)、餘氯(總殘餘氧化劑)等。</p> <p>2.底質： 粒徑分析、有機物、重金屬(銅、鋅、鉛、鎘、汞、鐵)等。</p> <p>二、地點： 北自小飯壠溪口，南至社子溪口海域，於水深-10公尺與-20公尺海水等深線上各標定三個測點(含表層、中層及底層)，計6站。</p> <p>三、頻率： 每季乙次。</p> | 一、執行情形： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 項目、日期 | | 測站 3A、3B、4A、4B、5A、5B(表、中、底層) | 103.07.28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 水質 | pH、水溫、鹽度、懸浮固體、溶氧量、生化需氧量、大腸桿菌群、氨氮、硝酸鹽、磷酸鹽、重金屬(銅、鋅、鉛、鎘、汞)、餘氯(總殘餘氧化劑)等 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 底質 | 粒徑分析、有機物、重金屬(銅、鋅、鉛、鎘、汞、鐵)等 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 二、監測值： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.水質： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 項目、監測值 | 單位 | 3A、3B、4A、4B、5A、5B(表、中、底層) | 標準 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 水溫 | ℃ | 24.8~25.3 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH | — | 均為 8.1 | 7.0~8.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SS | mg/L | 3.2~12.4 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOD | mg/L | 均為<1.0 | ≤6.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 硝酸鹽 | mg/L | 均為 0.08 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 磷酸鹽 | mg/L | 0.009~0.052 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 氨氮 | mg/L | ND~0.03 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DO | mg/L | 7.1~7.3 | ≥2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鹽度 | ‰ | 31.8~33.7 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 汞 | mg/L | 0.0002~0.0005 | 0.002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鎘 | mg/L | 均為 ND | 0.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 銅 | mg/L | ND~0.0058 | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鉛 | mg/L | 均為 ND | 0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鋅 | mg/L | ND~0.0080 | 0.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 大腸桿菌群 | CFU/100mL | <10~20 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 餘氯 (總殘餘氧化劑) | mg/L | 0.12~0.18 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.底質： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 項目、監測值 | 單位 | 3A、3B、4A、4B、5A、5B | 標準 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 總有機物 | mg/kg | 1.43~1.58 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鋅 | mg/kg | 107~117 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鉛 | mg/kg | 22.9~26.1 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鎘 | mg/kg | 0.51~0.81 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 銅 | mg/kg | 28.4~32.1 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鐵 | mg/kg | 43,000~49,700 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 汞 | mg/kg | 0.082~2.480 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 粒徑分析(4.76mm) | % | 1.15~1.73 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 粒徑分析(2.38mm) | % | 1.25~2.85 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 粒徑分析(2.00mm) | % | 4.17~10.82 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 粒徑分析(0.42mm) | % | 9.39~26.58 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 粒徑分析(0.149mm) | % | 50.26~60.47 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 粒徑分析(0.074mm) | % | 6.65~14.91 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 粒徑分析(<0.074mm) | % | 4.19~9.75 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 三、摘要： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.水質：本季各測站項目測值並無明顯異常情形出現，且均符合丙類海域海洋環境品質標準；海水重金屬各項測值均符合保護人體健康之海洋環境品質標準。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.底質：本季各測站項目測值並無明顯異常情形出現。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 監測計畫內容 | 成 果 摘 要 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---------------|-------------|-------------|-------------|-------------|-------------|-------------|------|------|-------|------|------|-----|-----|-----|------|------|--|---------------|----------------|-------------|-------------|-------------|-------------|-------------|--|-------------------|-------------|----|----------------|-------------|-------------|-------------|---|-------------|--------------------|-------------|-------------|-------------|----------------|-------------|-------------|-------------|----|-------------|-------------|-------------|-------------|----|-----------------|-------------|---|-------------|---|-------------|-------------|-------------|-------------|---|
| <p>噪音與振動</p> <p>一、項目：</p> <p>1.噪音： 假日及非假日各1日，連續測定(L_{eq}、L_早、L_日、L_晚、L_夜)。</p> <p>2.振動： 假日及非假日各1日，連續測定(L_{eq}、L_{v10}、L_{v10日}、L_{v10夜})。</p> <p>3.低頻噪音： 分析頻率範圍(20Hz~200Hz)、(20Hz~20kHz)L_{eg} 8min 之總量，早、日、晚、夜各時段 L_{eg}。</p> <p>二、地點：</p> <p>1.噪音、振動： 電廠附近(電廠周界、鎮平宮、林厝、對面厝、北湖、大潭國小)，計6站。</p> <p>2.低頻噪音： 對面厝19號，計1站。</p> <p>三、頻率：</p> <p>1.噪音、振動： 每季乙次，包括假日及非假日各乙日，每日連續24小時。並配合交通流量作同步監測。</p> <p>2.低頻噪音： 每年乙次。</p> | 一、執行情形： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th data-bbox="614 241 941 302">項目、日期</th> <th data-bbox="941 241 1029 302">測站</th> <th data-bbox="1029 241 1109 302">電廠周界</th> <th data-bbox="1109 241 1189 302">鎮平宮</th> <th data-bbox="1189 241 1268 302">林厝</th> <th data-bbox="1268 241 1348 302">對面厝</th> <th data-bbox="1348 241 1428 302">北湖</th> <th data-bbox="1428 241 1476 302">大潭國小</th> </tr> </thead> <tbody> <tr> <td data-bbox="614 302 941 380">噪音： L_{eq}、L_早、L_日、L_晚、L_夜</td> <td colspan="7" data-bbox="941 302 1476 380">103.07.25(平日)</td> </tr> <tr> <td data-bbox="614 380 941 459">振動： L_{eq}、L_{v10}、L_{v10日}、L_{v10夜}</td> <td colspan="7" data-bbox="941 380 1476 459">103.07.26(假日)</td> </tr> <tr> <td data-bbox="614 459 941 548">低頻噪音： 20Hz~200Hz 及 20Hz~20kHz 之 L_早、L_日、L_晚、L_夜</td> <td colspan="7" data-bbox="941 459 1476 548">本季無進行此項調查</td> </tr> </tbody> </table> | | | | | | | | | | 項目、日期 | 測站 | 電廠周界 | 鎮平宮 | 林厝 | 對面厝 | 北湖 | 大潭國小 | 噪音： L _{eq} 、L _早 、L _日 、L _晚 、L _夜 | 103.07.25(平日) | | | | | | | 振動： L _{eq} 、L _{v10} 、L _{v10日} 、L _{v10夜} | 103.07.26(假日) | | | | | | | 低頻噪音： 20Hz~200Hz 及 20Hz~20kHz 之 L _早 、L _日 、L _晚 、L _夜 | 本季無進行此項調查 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 項目、日期 | 測站 | 電廠周界 | 鎮平宮 | 林厝 | 對面厝 | 北湖 | 大潭國小 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 噪音： L _{eq} 、L _早 、L _日 、L _晚 、L _夜 | 103.07.25(平日) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 振動： L _{eq} 、L _{v10} 、L _{v10日} 、L _{v10夜} | 103.07.26(假日) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 低頻噪音： 20Hz~200Hz 及 20Hz~20kHz 之 L _早 、L _日 、L _晚 、L _夜 | 本季無進行此項調查 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 二、監測值： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1.噪音： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 測站項目 | 電廠周界 | 標準 | 鎮平宮 | 標準 | 林厝 | 對面厝 | 北湖 | 大潭國小 | 標準 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _日 | 53.8 至 54.1 | 60 | 57.0 至 58.2 | 74 | 62.6 至 64.0 | 72.1 至 73.1 | 62.5 至 63.3 | 72.3 至 72.7 | 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _晚 | 50.3 至 51.7 | 55 | 53.2 至 53.8 | 73 | 56.3 至 58.0 | 65.8 至 66.8 | 56.0 至 58.3 | 66.5 至 68.5 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _夜 | 49.5 至 49.6 | 50 | 52.0 至 52.3 | 69 | 60.0 至 60.8 | 69.8 至 69.9 | 57.9 至 59.2 | 67.6 至 68.3 | 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _{eq} | 52.6 至 52.8 | — | 55.5 至 56.4 | — | 61.6 至 62.5 | 70.9 至 71.7 | 61.2 至 61.5 | 70.7 至 71.2 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.振動： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 測站項目 | 電廠周界 | 標準 | 鎮平宮 | 林厝 | 對面厝 | 北湖 | 大潭國小 | 標準 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _{v10日} | 31.1 至 36.9 | 65 | 36.5 至 38.6 | 36.1 至 37.8 | 36.8 至 38.1 | 37.0 至 37.8 | 42.6 至 43.4 | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _{v10夜} | 30.0 至 31.2 | 60 | 均為 32.4 | 31.1 至 37.1 | 32.8 至 34.8 | 31.6 至 33.6 | 38.3 至 41.9 | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _{v10eq} | 30.6 至 35.0 | — | 35.2 至 36.9 | 34.7 至 37.5 | 35.6 至 37.0 | 35.9 至 36.2 | 41.3 至 42.8 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.低頻噪音：本季無進行此項調查。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 三、摘要： | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.噪音、振動：本季各測站項目測值均符合該區環境音量標準及參考之日本振動規制法該區域基準值。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.低頻噪音：本季無進行此項調查。 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 監測計畫內容 | 成 果 摘 要 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---------------|--------|--------|-----|----|------|-------|----|---------|-------------------------------------|------------|-----|---------------------|------|---------------------------------------|----|-----|-----|----|------|---|---|---|----|---------------|----|---|---|---|----|----|----|---------------|---|---|----|----|----|------|------|-----|--------|------|-----|------------|-------------|--------|-----|----|------------|-------------|--------|-----|--------|-----------|-------------|--------|--------|-----|----------|-------------|--------|--------|------|-------------|-------------|-------|-----|------|-------------|-------------|--------|-----|----|---|----|----|---|---|---|---|---|----|----|---|---|----|---|----|----|---|---|---|---|---|----|---|---|---|---|---|----|---|---|----|----|----|------|----|----|----|----|----|----|----|-----|-----|---|---|---|---|---|---|----|---|---|---|---|---|---|----|---|---|---|---|---|---|----|---|---|---|---|---|---|-----|---|---|---|---|---|---|-----|---|---|---|---|---|---|-----|---|---|---|---|---|---|-----|---|---|---|---|---|---|-----|-----|----|----|---|---|---|---|
| <p>交通流量</p> <p>一、項目： 各車道各方向之車輛流量(分為機車、小客車、小貨車、大客車、大貨車及特種車)。</p> <p>二、地點： 對面厝(台 15 桃 94 路口)、林厝(台 15 桃 92 路口)、西濱快速路(桃 90 桃 93 交界)、鎮平宮(桃 90)、北湖(台 15 桃 93 交界)、大潭國小(台 15 線)，計 6 站。</p> <p>三、頻率： 每季乙次，每次連續 2 天(含假日及非假日)，同噪音振動同步監測。</p> | <p>一、執行情形：</p> <table border="1" data-bbox="611 237 1469 450"> <tr> <th>項目、日期</th> <th>測站</th> <th>對面厝</th> <th>林厝</th> <th>西濱快速道路</th> <th>鎮平宮</th> <th>北湖</th> <th>大潭國小</th> </tr> <tr> <td>各車道各方向之車輛流量(分為機車、小客車、小貨車、大客車、大貨車及特種車)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td colspan="5">103.07.25(平日)</td> <td></td> </tr> <tr> <td></td> <td></td> <td colspan="5">103.07.26(假日)</td> <td></td> </tr> </table> <p>二、監測值：</p> <table border="1" data-bbox="611 495 1469 815"> <tr> <th>車輛方向</th> <th>交通流量</th> <th>V/C</th> <th>道路服務水準</th> <th>主要車組</th> </tr> <tr> <td>對面厝</td> <td>23.0~859.0</td> <td>0.011~0.086</td> <td>均為 A 級</td> <td>小客車</td> </tr> <tr> <td>林厝</td> <td>15.5~877.0</td> <td>0.019~0.088</td> <td>均為 A 級</td> <td>小客車</td> </tr> <tr> <td>西濱快速道路</td> <td>13.0~27.5</td> <td>0.016~0.033</td> <td>均為 A 級</td> <td>小客車、機車</td> </tr> <tr> <td>鎮平宮</td> <td>0.0~21.0</td> <td>0.000~0.025</td> <td>均為 A 級</td> <td>小客車、機車</td> </tr> <tr> <td>北湖</td> <td>139.0~853.0</td> <td>0.081~0.172</td> <td>A~C 級</td> <td>小客車</td> </tr> <tr> <td>大潭國小</td> <td>788.0~870.0</td> <td>0.079~0.087</td> <td>均為 A 級</td> <td>小客車</td> </tr> </table> <p>三、摘要：本季各路段服務水準分別於 A~C 級之良好服務水準，顯見本區域交通狀況未受本計畫開發影響。</p> | | | | | | | 項目、日期 | 測站 | 對面厝 | 林厝 | 西濱快速道路 | 鎮平宮 | 北湖 | 大潭國小 | 各車道各方向之車輛流量(分為機車、小客車、小貨車、大客車、大貨車及特種車) | | | | | | | | | | 103.07.25(平日) | | | | | | | | 103.07.26(假日) | | | | | | 車輛方向 | 交通流量 | V/C | 道路服務水準 | 主要車組 | 對面厝 | 23.0~859.0 | 0.011~0.086 | 均為 A 級 | 小客車 | 林厝 | 15.5~877.0 | 0.019~0.088 | 均為 A 級 | 小客車 | 西濱快速道路 | 13.0~27.5 | 0.016~0.033 | 均為 A 級 | 小客車、機車 | 鎮平宮 | 0.0~21.0 | 0.000~0.025 | 均為 A 級 | 小客車、機車 | 北湖 | 139.0~853.0 | 0.081~0.172 | A~C 級 | 小客車 | 大潭國小 | 788.0~870.0 | 0.079~0.087 | 均為 A 級 | 小客車 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 項目、日期 | 測站 | 對面厝 | 林厝 | 西濱快速道路 | 鎮平宮 | 北湖 | 大潭國小 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 各車道各方向之車輛流量(分為機車、小客車、小貨車、大客車、大貨車及特種車) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 103.07.25(平日) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 103.07.26(假日) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 車輛方向 | 交通流量 | V/C | 道路服務水準 | 主要車組 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 對面厝 | 23.0~859.0 | 0.011~0.086 | 均為 A 級 | 小客車 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 林厝 | 15.5~877.0 | 0.019~0.088 | 均為 A 級 | 小客車 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 西濱快速道路 | 13.0~27.5 | 0.016~0.033 | 均為 A 級 | 小客車、機車 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鎮平宮 | 0.0~21.0 | 0.000~0.025 | 均為 A 級 | 小客車、機車 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 北湖 | 139.0~853.0 | 0.081~0.172 | A~C 級 | 小客車 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 大潭國小 | 788.0~870.0 | 0.079~0.087 | 均為 A 級 | 小客車 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>陸域植物生態</p> <p>一、項目： 1.植相與植群分佈。 2.稀有植物之保育或移植。</p> <p>二、地點： 工業區及附近北自觀音溪，南至社子溪，東至計畫區東側 5 公里，西迄海岸。</p> <p>三、頻率： 每半年乙次。</p> | <p>一、執行情形：</p> <table border="1" data-bbox="611 987 1469 1133"> <tr> <th>項目、日期</th> <th>測站</th> </tr> <tr> <td>植相與植群分佈</td> <td rowspan="2">工業區及附近北自觀音溪，南至社子溪，東至計畫區東側 5 公里，西迄海岸</td> </tr> <tr> <td>稀有植物之保育或移植</td> </tr> <tr> <td></td> <td>103.08.23~103.08.24</td> </tr> </table> <p>二、監測值：</p> <p>1. 科屬及屬性統計：</p> <table border="1" data-bbox="611 1211 1469 1715"> <tr> <th>項目類別</th> <th>蕨類</th> <th>裸子</th> <th>雙子葉</th> <th>單子葉</th> <th>總計</th> </tr> <tr> <td rowspan="3">科屬統計</td> <td>科</td> <td>0</td> <td>2</td> <td>32</td> <td>9</td> <td>43</td> </tr> <tr> <td>屬</td> <td>0</td> <td>2</td> <td>54</td> <td>21</td> <td>77</td> </tr> <tr> <td>種</td> <td>0</td> <td>2</td> <td>64</td> <td>24</td> <td>90</td> </tr> <tr> <td rowspan="4">來源</td> <td>原生</td> <td>0</td> <td>1</td> <td>35</td> <td>16</td> <td>52</td> </tr> <tr> <td>歸化</td> <td>0</td> <td>0</td> <td>18</td> <td>5</td> <td>23</td> </tr> <tr> <td>栽培</td> <td>0</td> <td>1</td> <td>10</td> <td>3</td> <td>14</td> </tr> <tr> <td>特有</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td> </tr> <tr> <td rowspan="3">分佈狀況</td> <td>普遍</td> <td>0</td> <td>1</td> <td>53</td> <td>22</td> <td>76</td> </tr> <tr> <td>中等</td> <td>0</td> <td>0</td> <td>10</td> <td>1</td> <td>11</td> </tr> <tr> <td>稀有</td> <td>0</td> <td>1</td> <td>1</td> <td>1</td> <td>3</td> </tr> <tr> <td rowspan="4">習性</td> <td>喬木</td> <td>0</td> <td>2</td> <td>15</td> <td>1</td> <td>18</td> </tr> <tr> <td>灌木</td> <td>0</td> <td>0</td> <td>8</td> <td>1</td> <td>9</td> </tr> <tr> <td>藤本</td> <td>0</td> <td>0</td> <td>9</td> <td>0</td> <td>9</td> </tr> <tr> <td>草本</td> <td>0</td> <td>0</td> <td>32</td> <td>22</td> <td>54</td> </tr> </table> <p>2. 植物優勢科統計：</p> <table border="1" data-bbox="611 1760 1469 2114"> <tr> <th>項目類別</th> <th>科名</th> <th>種數</th> <th>屬數</th> <th>原生</th> <th>栽培</th> <th>歸化</th> <th>總計</th> </tr> <tr> <td rowspan="7">雙子葉</td> <td>大戟科</td> <td>8</td> <td>5</td> <td>5</td> <td>0</td> <td>3</td> <td>0</td> </tr> <tr> <td>菊科</td> <td>6</td> <td>6</td> <td>2</td> <td>0</td> <td>4</td> <td>0</td> </tr> <tr> <td>荊科</td> <td>5</td> <td>3</td> <td>3</td> <td>0</td> <td>2</td> <td>0</td> </tr> <tr> <td>豆科</td> <td>4</td> <td>4</td> <td>2</td> <td>0</td> <td>2</td> <td>0</td> </tr> <tr> <td>木犀科</td> <td>3</td> <td>2</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>芸香科</td> <td>3</td> <td>3</td> <td>2</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>旋花科</td> <td>3</td> <td>2</td> <td>2</td> <td>0</td> <td>1</td> <td>0</td> </tr> <tr> <td>錦葵科</td> <td>3</td> <td>2</td> <td>3</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>單子葉</td> <td>禾本科</td> <td>13</td> <td>11</td> <td>7</td> <td>1</td> <td>5</td> <td>0</td> </tr> </table> | | | | | | | 項目、日期 | 測站 | 植相與植群分佈 | 工業區及附近北自觀音溪，南至社子溪，東至計畫區東側 5 公里，西迄海岸 | 稀有植物之保育或移植 | | 103.08.23~103.08.24 | 項目類別 | 蕨類 | 裸子 | 雙子葉 | 單子葉 | 總計 | 科屬統計 | 科 | 0 | 2 | 32 | 9 | 43 | 屬 | 0 | 2 | 54 | 21 | 77 | 種 | 0 | 2 | 64 | 24 | 90 | 來源 | 原生 | 0 | 1 | 35 | 16 | 52 | 歸化 | 0 | 0 | 18 | 5 | 23 | 栽培 | 0 | 1 | 10 | 3 | 14 | 特有 | 0 | 0 | 1 | 0 | 1 | 分佈狀況 | 普遍 | 0 | 1 | 53 | 22 | 76 | 中等 | 0 | 0 | 10 | 1 | 11 | 稀有 | 0 | 1 | 1 | 1 | 3 | 習性 | 喬木 | 0 | 2 | 15 | 1 | 18 | 灌木 | 0 | 0 | 8 | 1 | 9 | 藤本 | 0 | 0 | 9 | 0 | 9 | 草本 | 0 | 0 | 32 | 22 | 54 | 項目類別 | 科名 | 種數 | 屬數 | 原生 | 栽培 | 歸化 | 總計 | 雙子葉 | 大戟科 | 8 | 5 | 5 | 0 | 3 | 0 | 菊科 | 6 | 6 | 2 | 0 | 4 | 0 | 荊科 | 5 | 3 | 3 | 0 | 2 | 0 | 豆科 | 4 | 4 | 2 | 0 | 2 | 0 | 木犀科 | 3 | 2 | 3 | 0 | 0 | 0 | 芸香科 | 3 | 3 | 2 | 1 | 0 | 0 | 旋花科 | 3 | 2 | 2 | 0 | 1 | 0 | 錦葵科 | 3 | 2 | 3 | 0 | 0 | 0 | 單子葉 | 禾本科 | 13 | 11 | 7 | 1 | 5 | 0 |
| 項目、日期 | 測站 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 植相與植群分佈 | 工業區及附近北自觀音溪，南至社子溪，東至計畫區東側 5 公里，西迄海岸 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 稀有植物之保育或移植 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 103.08.23~103.08.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 項目類別 | 蕨類 | 裸子 | 雙子葉 | 單子葉 | 總計 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 科屬統計 | 科 | 0 | 2 | 32 | 9 | 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 屬 | 0 | 2 | 54 | 21 | 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 種 | 0 | 2 | 64 | 24 | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 來源 | 原生 | 0 | 1 | 35 | 16 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 歸化 | 0 | 0 | 18 | 5 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 栽培 | 0 | 1 | 10 | 3 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 特有 | 0 | 0 | 1 | 0 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 分佈狀況 | 普遍 | 0 | 1 | 53 | 22 | 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 中等 | 0 | 0 | 10 | 1 | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 稀有 | 0 | 1 | 1 | 1 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 習性 | 喬木 | 0 | 2 | 15 | 1 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 灌木 | 0 | 0 | 8 | 1 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 藤本 | 0 | 0 | 9 | 0 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 草本 | 0 | 0 | 32 | 22 | 54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 項目類別 | 科名 | 種數 | 屬數 | 原生 | 栽培 | 歸化 | 總計 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 雙子葉 | 大戟科 | 8 | 5 | 5 | 0 | 3 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 菊科 | 6 | 6 | 2 | 0 | 4 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 荊科 | 5 | 3 | 3 | 0 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 豆科 | 4 | 4 | 2 | 0 | 2 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 木犀科 | 3 | 2 | 3 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 芸香科 | 3 | 3 | 2 | 1 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 旋花科 | 3 | 2 | 2 | 0 | 1 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 錦葵科 | 3 | 2 | 3 | 0 | 0 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 單子葉 | 禾本科 | 13 | 11 | 7 | 1 | 5 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 監測計畫內容 | 成 果 摘 要 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--------|--------------------------------|-------------------------|---|----|-------------------|--|---------------|--|----|-------|--------|-------|--------|----|----|----|----|-----|----|----|----|----|----|----|----|-----|----|-----|---------------|----|-----|----|-------|----|----|-------|----|-------|
| | <p>三、摘要：</p> <p>1.植相與植群分佈：</p> <p>(1)本季調查全區之維管束植物共 43 科 77 屬 90 種植物。</p> <p>(2)本季調查結果，A 區內水稻已生長一段時間，為主要優勢物種，其他物種則是分佈在稻田邊緣，如合萌、大黍、苦蕒；水溝邊如巴拉草、翼莖水丁香、尖瓣花；樣區內植物生長狀況良好，但人為整理的痕跡明顯(農夫定期除草施肥等行為)。B 區植物生長旺盛，木本與草本之整體覆蓋度皆有增加，植物種類組成方面，仍以長期優勢之路邊雜草物種為主，如大花咸豐草、大黍與鋪地黍，而該樣區植物組成和數量變動極大，亦充分凸顯出該樣區路邊荒廢地之特性。C 區以轉變為人為栽植園藝作物用地，其優勢物種皆為栽培物種，組成相當複雜，有園藝草本、園藝木本、果樹、蔬果類等，而樣區部分之自生植物調查有大花咸豐草、五蕊油柑、野苧蒿等，覆蓋面積不大，僅零星分布；另新種植為山櫻花、白雞油、龍眼，皆為人為刻意栽培移植。D 區大部分木本植物覆蓋度皆有小幅成長；林下草本植物以五節芒、槭葉牽牛、月桃和大花咸豐草佔有大半面積，中間夾雜喬木小苗或灌木植物，如血桐、海桐及小實女貞等，樹冠層則以黃槿為主；另發現樣區外圍約 10 公尺處有人為整地耕作的現象，相當靠近樣區，未來可能會受到影響。E 區中央大部分屬於土質堅硬且乾旱之環境特性，植物生長並不茂盛，僅存狗牙根耐壓耐旱之植物存活，邊緣部分則人為種植之大面積南美蟛蜞菊、蒲葵與日本女貞，以及其他路邊常見植物種類，如毛蓮子草、紅花野牽牛、金午時花、大黍、鋪地黍等</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>陸域動物生態</p> <p>一、項目： 鳥類之種類、數量、分布狀況、優勢種及棲息地改變。</p> <p>二、地點： 北自觀音溪，南至社子溪，東至計畫區東側 5 公里。</p> <p>三、頻率： 每季乙次，候鳥過境或繁殖季節時，按實際狀況增加調查次數(每年增加 2 次)。</p> | <p>一、執行情形：</p> <table border="1" data-bbox="611 1402 1469 1543"> <tr> <td data-bbox="611 1402 1031 1473">項目、日期</td> <td data-bbox="1031 1402 1469 1473">測站 北自觀音溪，南至社子溪，東至計畫區東側 5 公里</td> </tr> <tr> <td data-bbox="611 1473 1031 1543">鳥類之種類、數量、分布狀況、優勢種及棲息地改變</td> <td data-bbox="1031 1473 1469 1543">103.07.15~16(每季調查) 103.09.09(第二次繁殖季)</td> </tr> </table> <p>二、監測值：</p> <table border="1" data-bbox="611 1585 1449 1872"> <thead> <tr> <th data-bbox="611 1585 820 1621">時間</th> <th colspan="2" data-bbox="820 1585 1134 1621">103 年 7 月 15~16 日</th> <th colspan="2" data-bbox="1134 1585 1449 1621">103 年 9 月 9 日</th> </tr> <tr> <th data-bbox="611 1621 820 1657">樣區</th> <th data-bbox="820 1621 975 1657">種類(種)</th> <th data-bbox="975 1621 1134 1657">數量(隻次)</th> <th data-bbox="1134 1621 1289 1657">種類(種)</th> <th data-bbox="1289 1621 1449 1657">數量(隻次)</th> </tr> </thead> <tbody> <tr> <td data-bbox="611 1657 820 1693">北區</td> <td data-bbox="820 1657 975 1693">19</td> <td data-bbox="975 1657 1134 1693">96</td> <td data-bbox="1134 1657 1289 1693">19</td> <td data-bbox="1289 1657 1449 1693">149</td> </tr> <tr> <td data-bbox="611 1693 820 1729">基地</td> <td data-bbox="820 1693 975 1729">10</td> <td data-bbox="975 1693 1134 1729">41</td> <td data-bbox="1134 1693 1289 1729">10</td> <td data-bbox="1289 1693 1449 1729">38</td> </tr> <tr> <td data-bbox="611 1729 820 1765">南區</td> <td data-bbox="820 1729 975 1765">29</td> <td data-bbox="975 1729 1134 1765">311</td> <td data-bbox="1134 1729 1289 1765">37</td> <td data-bbox="1289 1729 1449 1765">416</td> </tr> <tr> <td data-bbox="611 1765 820 1845">台 15 號省道及以東地區</td> <td data-bbox="820 1765 975 1845">36</td> <td data-bbox="975 1765 1134 1845">566</td> <td data-bbox="1134 1765 1289 1845">46</td> <td data-bbox="1289 1765 1449 1845">1,019</td> </tr> <tr> <td data-bbox="611 1845 820 1872">全區</td> <td data-bbox="820 1845 975 1872">41</td> <td data-bbox="975 1845 1134 1872">1,014</td> <td data-bbox="1134 1845 1289 1872">49</td> <td data-bbox="1289 1845 1449 1872">1,622</td> </tr> </tbody> </table> <p>三、摘要：本季調查結果，以北區及基地區在鳥種及數量方面普遍較南區、台 15 號省道及東區為低；另分別於小飯壠溪口及新屋溪未發現特殊稀有之鳥類群聚，亦未在基地附近之風力發電機組發現任何疑似鳥擊之死亡個體，故未發現物種組成有明顯受到環境改變而影響之情形。</p> | 項目、日期 | 測站 北自觀音溪，南至社子溪，東至計畫區東側 5 公里 | 鳥類之種類、數量、分布狀況、優勢種及棲息地改變 | 103.07.15~16(每季調查) 103.09.09(第二次繁殖季) | 時間 | 103 年 7 月 15~16 日 | | 103 年 9 月 9 日 | | 樣區 | 種類(種) | 數量(隻次) | 種類(種) | 數量(隻次) | 北區 | 19 | 96 | 19 | 149 | 基地 | 10 | 41 | 10 | 38 | 南區 | 29 | 311 | 37 | 416 | 台 15 號省道及以東地區 | 36 | 566 | 46 | 1,019 | 全區 | 41 | 1,014 | 49 | 1,622 |
| 項目、日期 | 測站 北自觀音溪，南至社子溪，東至計畫區東側 5 公里 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 鳥類之種類、數量、分布狀況、優勢種及棲息地改變 | 103.07.15~16(每季調查) 103.09.09(第二次繁殖季) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 時間 | 103 年 7 月 15~16 日 | | 103 年 9 月 9 日 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 樣區 | 種類(種) | 數量(隻次) | 種類(種) | 數量(隻次) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 北區 | 19 | 96 | 19 | 149 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 基地 | 10 | 41 | 10 | 38 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 南區 | 29 | 311 | 37 | 416 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 台 15 號省道及以東地區 | 36 | 566 | 46 | 1,019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 全區 | 41 | 1,014 | 49 | 1,622 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

監測計畫內容

成 果 摘 要

海域生態

一、項目：

植物性浮游生物、動物性浮游生物、底棲生物、仔稚魚類。

二、地點：

北起小飯壠溪口南至社子溪口海域，於溪口及溪口外海域水深-10米與-20米等深線上各標定三個測點(含表層、中層及底層)，計9站。

三、頻率：

每季乙次。

一、執行情形：

| | | |
|---------------------------|----|-------------------------------|
| 項目、日期 | 測站 | 3A、3B、4A、4B、5A、5B (表、中、底層) |
| 植物性浮游生物、動物性浮游生物、底棲生物、仔稚魚類 | | 103.07.28 |

二、監測值：

1.浮游植物：

(1)浮游藻密度：

| 項目 | 3A | | | 4A | | |
|-------|--------|--------|--------|--------|--------|--------|
| | 表層 | 5米深水 | 底層 | 表層 | 5米深水 | 底層 |
| 數量(個) | 17,490 | 57,057 | 18,761 | 70,703 | 19,388 | 16,847 |

| 項目 | 5A | | | 3B | | |
|-------|---------|--------|--------|--------|--------|-------|
| | 表層 | 5米深水 | 底層 | 表層 | 5米深水 | 底層 |
| 數量(個) | 143,583 | 28,215 | 50,622 | 13,613 | 18,431 | 6,782 |

| 項目 | 4B | | | 5B | | |
|-------|--------|--------|--------|--------|--------|--------|
| | 表層 | 5米深水 | 底層 | 表層 | 5米深水 | 底層 |
| 數量(個) | 25,955 | 85,569 | 12,342 | 17,985 | 13,794 | 26,153 |

(2)藻類落組成(%)：

| 項目 | 3A | | | 4A | | | 5A | | |
|------|-----|-----|----|------|------|-----|-----|-----|-----|
| | 表層 | 5米 | 底層 | 表層 | 5米 | 底層 | 表層 | 5米 | 底層 |
| 矽藻 | 100 | 100 | 95 | 95.5 | 95.5 | 100 | 100 | 100 | 100 |
| 渦鞭毛藻 | 0 | 0 | 0 | 4.5 | 4.5 | 0 | 0 | 0 | 0 |
| 藍綠藻 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |

| 項目 | 3B | | | 4B | | | 5B | | |
|------|----|-----|-----|------|-----|-----|-----|-----|-----|
| | 表層 | 5米 | 底層 | 表層 | 5米 | 底層 | 表層 | 5米 | 底層 |
| 矽藻 | 95 | 100 | 100 | 96.8 | 100 | 100 | 100 | 100 | 100 |
| 渦鞭毛藻 | 5 | 0 | 0 | 3.2 | 0 | 0 | 0 | 0 | 0 |
| 藍綠藻 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

2.浮游動物：

| 項目 | 3A | 3B | 4A | 4B | 5A | 5B |
|----------------------------------|--------|---------|---------|---------|---------|--------|
| 個體量 (ind/1000m ³) | 79,184 | 139,351 | 100,929 | 107,343 | 118,765 | 61,667 |
| 生體量 (g/1000m ³) | 0.6420 | 0.6334 | 0.7253 | 0.5047 | 1.4209 | 0.3426 |

3.底棲生物：

(1)潮間帶：

| 項目 | 3C | | | 4C | | | 5C | | |
|---------|------|-----|-----|-------|-----|-----|-------|-----|-----|
| | 高潮帶 | 中潮帶 | 低潮帶 | 高潮帶 | 中潮帶 | 低潮帶 | 高潮帶 | 中潮帶 | 低潮帶 |
| 物種 | 4 | 2 | 0 | 5 | 1 | 1 | 5 | 3 | 1 |
| 個體數 | 6 | 7 | 0 | 15 | 5 | 1 | 9 | 30 | 2 |
| 總個體數 | 13 | | | 21 | | | 41 | | |
| 歧異度(H') | 1.55 | | | 1.724 | | | 1.396 | | |

(2)亞潮帶：

| 項目 | 3A | 3B | 4A | 4B | 5A | 5B |
|---------|------|------|------|------|------|------|
| 物種數 | 7 | 10 | 8 | 10 | 8 | 8 |
| 總個體數 | 12 | 16 | 21 | 18 | 14 | 14 |
| 歧異度(H') | 1.82 | 2.25 | 1.79 | 2.20 | 1.91 | 2.01 |

| 監測計畫內容 | 成 果 摘 要 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------|--|----|----|----|-----|----|---------|----|----|----|----|----|----|-----|---|---|---|---|---|---|------|----|----|---|---|-----|----|
| | <p>4.仔稚魚類：</p> <table border="1" data-bbox="612 237 1453 383"> <thead> <tr> <th data-bbox="612 237 775 309">項目 \ 測站</th> <th data-bbox="775 237 890 309">3A</th> <th data-bbox="890 237 1005 309">3B</th> <th data-bbox="1005 237 1120 309">4A</th> <th data-bbox="1120 237 1235 309">4B</th> <th data-bbox="1235 237 1350 309">5A</th> <th data-bbox="1350 237 1453 309">5B</th> </tr> </thead> <tbody> <tr> <td data-bbox="612 309 775 344">物種數</td> <td data-bbox="775 309 890 344">2</td> <td data-bbox="890 309 1005 344">1</td> <td data-bbox="1005 309 1120 344">0</td> <td data-bbox="1120 309 1235 344">0</td> <td data-bbox="1235 309 1350 344">3</td> <td data-bbox="1350 309 1453 344">1</td> </tr> <tr> <td data-bbox="612 344 775 383">總個體數</td> <td data-bbox="775 344 890 383">84</td> <td data-bbox="890 344 1005 383">28</td> <td data-bbox="1005 344 1120 383">0</td> <td data-bbox="1120 344 1235 383">0</td> <td data-bbox="1235 344 1350 383">120</td> <td data-bbox="1350 344 1453 383">24</td> </tr> </tbody> </table> <p>三、摘要：</p> <p>1.浮游植物： 各測站各水域之浮游藻類密度每公升介於 6,782~143,583 個藻細胞之間，總密度每公升為 643,290 個藻細胞，平均密度每公升為 35,738 個藻細胞；另藻類群落組成中，共出現浮游植物 86 種，分屬於 45 屬，其中矽藻類為最多，次之為渦鞭毛藻類，再次之為藍綠藻類。</p> <p>2.浮游動物： 共調查有 11 大類，各採集點之個體量介於 61,667ind./1000m³(5B)~139,351ind./1000m³(3B)之間，總個體量為 607,239ind./1000m³，平均個體量為 101,206ind./1000m³；另各採集點之生體量介於 0.3426g/1000m³(5B)~1.4209g/1000m³(5A)之間，總個體量為 4.2689g/1000m³，平均個體量為 0.7115g/1000m³。</p> <p>3.底棲生物： (1)潮間帶：總個體量介於 13~41 個個體之間，歧異度指數介於 1.396~1.724 之間。 (2)亞潮帶：總個體量介於 7~10 個個體之間，歧異度指數介於 1.79~2.25 之間。</p> <p>4.仔稚魚類：魚類以鯢科(Engraulidae)的異葉公鯢(<i>Encrasicholina heteroloba</i>)為優勢種，仔稚魚類共計 6 科 6 種，總計 256ind/1000m³。</p> | | | | | | 項目 \ 測站 | 3A | 3B | 4A | 4B | 5A | 5B | 物種數 | 2 | 1 | 0 | 0 | 3 | 1 | 總個體數 | 84 | 28 | 0 | 0 | 120 | 24 |
| 項目 \ 測站 | 3A | 3B | 4A | 4B | 5A | 5B | | | | | | | | | | | | | | | | | | | | | |
| 物種數 | 2 | 1 | 0 | 0 | 3 | 1 | | | | | | | | | | | | | | | | | | | | | |
| 總個體數 | 84 | 28 | 0 | 0 | 120 | 24 | | | | | | | | | | | | | | | | | | | | | |

| 監測計畫內容 | 成 果 摘 要 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------|-------------|-----------|---------------|------------|----|--|------|------|-------|--|--|--|-----------------|---------------------|--|--|---------------|---------------------|--|--|--|---------------------|--|--|----|--------|---------|----------|------|-----|----------|-------------|------|-------|----------|------------|----|--|--------|---------|-----------|---------------|------------|------|----|-----|-------------|---------|-------------|---------|----|-----|-------------|---------|------------|---------|------|----|-----|-------------|---------|-----------|---------|----|-----|-------------|---------|-----------|---------|
| <p>漁業經濟</p> <p>一、項目：</p> <p>1. 漁獲(含魚苗)種類、產量及產值。</p> <p>2. 養殖面積、種類、產量及產值。</p> <p>二、地點：</p> <p>當地漁會及魚市場，以竹圍漁港及永安漁港為主，計2站。</p> <p>三、頻率：</p> <p>逐月調查，按季統計。</p> | <p>一、執行情形：</p> <table border="1" data-bbox="616 237 1469 405"> <thead> <tr> <th colspan="2" data-bbox="616 237 1046 309">測站</th> <th data-bbox="1046 237 1238 309">竹圍漁港</th> <th data-bbox="1238 237 1469 309">永安漁港</th> </tr> <tr> <th data-bbox="616 309 775 349">項目、日期</th> <th colspan="3" data-bbox="775 309 1469 349"></th> </tr> </thead> <tbody> <tr> <td data-bbox="616 349 775 389">漁獲(含魚苗)種類、產量及產值</td> <td colspan="3" data-bbox="775 349 1469 389">103.04.01~103.04.30</td> </tr> <tr> <td data-bbox="616 389 775 430">養殖面積、種類、產量及產值</td> <td colspan="3" data-bbox="775 389 1469 430">103.05.01~103.05.31</td> </tr> <tr> <td data-bbox="616 430 775 470"></td> <td colspan="3" data-bbox="775 430 1469 470">103.06.01~103.06.30</td> </tr> </tbody> </table> <p>二、監測值：</p> <p>1. 漁會調查：</p> <table border="1" data-bbox="628 488 1453 633"> <thead> <tr> <th data-bbox="628 488 775 551">類別</th> <th data-bbox="775 488 1031 551">作業天(日)</th> <th data-bbox="1031 488 1238 551">漁獲量(公噸)</th> <th data-bbox="1238 488 1453 551">漁獲獲利(萬元)</th> </tr> </thead> <tbody> <tr> <td data-bbox="628 551 775 591">永安漁港</td> <td data-bbox="775 551 1031 591">7~9</td> <td data-bbox="1031 551 1238 591">4.5~18.4</td> <td data-bbox="1238 551 1453 591">138.3~144.5</td> </tr> <tr> <td data-bbox="628 591 775 633">竹圍漁港</td> <td data-bbox="775 591 1031 633">18~30</td> <td data-bbox="1031 591 1238 633">2.8~20.9</td> <td data-bbox="1238 591 1453 633">48.7~560.1</td> </tr> </tbody> </table> <p>2. 漁戶問卷調查：</p> <table border="1" data-bbox="608 674 1469 1025"> <thead> <tr> <th colspan="2" data-bbox="608 674 727 745">類別</th> <th data-bbox="727 674 823 745">作業天(日)</th> <th data-bbox="823 674 999 745">漁獲量(公噸)</th> <th data-bbox="999 674 1142 745">總拍賣金額(萬元)</th> <th data-bbox="1142 674 1334 745">單位努力漁獲量(公斤/天)</th> <th data-bbox="1334 674 1469 745">漁獲價值(公斤/天)</th> </tr> </thead> <tbody> <tr> <td data-bbox="608 745 663 817" rowspan="2">永安漁港</td> <td data-bbox="663 745 727 817">戶一</td> <td data-bbox="727 745 823 817">2~4</td> <td data-bbox="823 745 999 817">0.205~0.629</td> <td data-bbox="999 745 1142 817">2.2~8.1</td> <td data-bbox="1142 745 1334 817">103.0~157.0</td> <td data-bbox="1334 745 1469 817">1.7~2.0</td> </tr> <tr> <td data-bbox="663 817 727 889">戶二</td> <td data-bbox="727 817 823 889">2~5</td> <td data-bbox="823 817 999 889">0.142~0.916</td> <td data-bbox="999 817 1142 889">2.2~8.3</td> <td data-bbox="1142 817 1334 889">71.0~183.0</td> <td data-bbox="1334 817 1469 889">1.1~1.9</td> </tr> <tr> <td data-bbox="608 889 663 960" rowspan="2">竹圍漁港</td> <td data-bbox="663 889 727 960">戶一</td> <td data-bbox="727 889 823 960">2~7</td> <td data-bbox="823 889 999 960">0.136~0.236</td> <td data-bbox="999 889 1142 960">2.1~6.7</td> <td data-bbox="1142 889 1334 960">19.0~81.0</td> <td data-bbox="1334 889 1469 960">0.7~1.0</td> </tr> <tr> <td data-bbox="663 960 727 1025">戶二</td> <td data-bbox="727 960 823 1025">3~6</td> <td data-bbox="823 960 999 1025">0.181~0.184</td> <td data-bbox="999 960 1142 1025">2.1~6.9</td> <td data-bbox="1142 960 1334 1025">31.0~61.0</td> <td data-bbox="1334 960 1469 1025">0.7~1.1</td> </tr> </tbody> </table> <p>三、摘要：</p> <p>本季調查結果，漁會調查顯示，在作業天方面，竹圍漁港高於永安漁港，而漁獲量及漁獲獲利上，永安漁港與竹圍漁港則互有高低；另漁會問卷調查顯示，在作業天方面，竹圍漁港高於永安漁港，而漁獲量、總拍賣金額、單位努力漁獲量、漁獲價值上，永安漁港則明顯高於竹圍漁港。由於調查區環境屬大陸棚砂泥質底伴隨礁岩底海域，同時亦有人工魚礁施放，所以底拖網的作業容易被礁岩及人工魚礁鉤住，導致漁具的損壞，故漁民大多利用上層刺網撈捕屬開闊水域洄游性魚類，如鯧魚及鯊魚等。底棲型與礁岩型魚類如石斑魚及鯛類，則是漁民在人工魚礁區附近作業所混獲及利用一支釣所漁獲。由漁獲報表資料顯示，永安與竹圍兩地所撈捕之魚種無異常情形。</p> | | | | | | 測站 | | 竹圍漁港 | 永安漁港 | 項目、日期 | | | | 漁獲(含魚苗)種類、產量及產值 | 103.04.01~103.04.30 | | | 養殖面積、種類、產量及產值 | 103.05.01~103.05.31 | | | | 103.06.01~103.06.30 | | | 類別 | 作業天(日) | 漁獲量(公噸) | 漁獲獲利(萬元) | 永安漁港 | 7~9 | 4.5~18.4 | 138.3~144.5 | 竹圍漁港 | 18~30 | 2.8~20.9 | 48.7~560.1 | 類別 | | 作業天(日) | 漁獲量(公噸) | 總拍賣金額(萬元) | 單位努力漁獲量(公斤/天) | 漁獲價值(公斤/天) | 永安漁港 | 戶一 | 2~4 | 0.205~0.629 | 2.2~8.1 | 103.0~157.0 | 1.7~2.0 | 戶二 | 2~5 | 0.142~0.916 | 2.2~8.3 | 71.0~183.0 | 1.1~1.9 | 竹圍漁港 | 戶一 | 2~7 | 0.136~0.236 | 2.1~6.7 | 19.0~81.0 | 0.7~1.0 | 戶二 | 3~6 | 0.181~0.184 | 2.1~6.9 | 31.0~61.0 | 0.7~1.1 |
| 測站 | | 竹圍漁港 | 永安漁港 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 項目、日期 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 漁獲(含魚苗)種類、產量及產值 | 103.04.01~103.04.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 養殖面積、種類、產量及產值 | 103.05.01~103.05.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 103.06.01~103.06.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 類別 | 作業天(日) | 漁獲量(公噸) | 漁獲獲利(萬元) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 永安漁港 | 7~9 | 4.5~18.4 | 138.3~144.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 竹圍漁港 | 18~30 | 2.8~20.9 | 48.7~560.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 類別 | | 作業天(日) | 漁獲量(公噸) | 總拍賣金額(萬元) | 單位努力漁獲量(公斤/天) | 漁獲價值(公斤/天) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 永安漁港 | 戶一 | 2~4 | 0.205~0.629 | 2.2~8.1 | 103.0~157.0 | 1.7~2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 戶二 | 2~5 | 0.142~0.916 | 2.2~8.3 | 71.0~183.0 | 1.1~1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 竹圍漁港 | 戶一 | 2~7 | 0.136~0.236 | 2.1~6.7 | 19.0~81.0 | 0.7~1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 戶二 | 3~6 | 0.181~0.184 | 2.1~6.9 | 31.0~61.0 | 0.7~1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 監 測 計 畫 內 容 | 成 果 摘 要 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---------------------------|-----------|------|-------|------------|--|---------------------------|--|--|---------------------------|--|--|---------------------------|--|-------|----|---------|--------|--|--|---------------------|--|--|---------------------|--|---------------------|--|----|----|-----|----|------|-------------------|-------|-----|-------|-------------------|-------|----|----|---------|--------|----|----------------|--|-----------|-----------|----|----------------|--|-----------|-----------|----|----------------|--|-----------|-----------|----|-----------------|--|-----------|-----------|---|----|----|---------|--------|----|-------------------|--|-----------|-----------|----|-------------------|--|-----------|-----------|----|
| <p>工地環境監測</p> <p>一、項目：</p> <p>1.周界逸散性粒狀污染物。</p> <p>2.周界噪音與振動：</p> <p>(1)噪音： 連續測定(L_{eq}、L_早、L_日、L_晚、L_夜)。</p> <p>(2)振動： 連續測定(L_{veq}、L_{v10}、L_{v10日}、L_{v10夜})</p> <p>二、地點：</p> <p>1.周界逸散性粒狀污染物： 廠區北方周界及東南方周界，計2站。</p> <p>2.周界噪音與振動： 於廠址周界設置東南方及南方測站，計2站。</p> <p>三、頻率：</p> <p>1.周界逸散性粒狀污染物： 每月2次連續採樣24小時。</p> <p>2.周界噪音與振動： 每月執行乙次，包括假日及非假日各乙日，每日連續24小時。</p> | <p>一、執行情形：</p> <p>1.周界逸散性粒狀污染物：</p> <table border="1" data-bbox="619 282 1469 461"> <thead> <tr> <th>項目、日期</th> <th>測站</th> <th>北方周界</th> <th>東南方周界</th> </tr> </thead> <tbody> <tr> <td rowspan="3">周界逸散性粒狀污染物</td> <td></td> <td colspan="2">103.07.01~02、103.07.16~17</td> </tr> <tr> <td></td> <td colspan="2">103.08.05~06、103.08.18~19</td> </tr> <tr> <td></td> <td colspan="2">103.09.03~04、103.09.18~19</td> </tr> </tbody> </table> <p>2.周界噪音與振動：</p> <table border="1" data-bbox="619 501 1469 712"> <thead> <tr> <th>項目、日期</th> <th>測站</th> <th>電廠東南方周界</th> <th>電廠南方周界</th> </tr> </thead> <tbody> <tr> <td>噪音： L_{eq}、L_早、L_日、L_晚、L_夜</td> <td rowspan="3"></td> <td colspan="2">103.07.25~103.07.26</td> </tr> <tr> <td rowspan="2">振動： L_{eq}、L_{v10}、L_{v10日}、L_{v10夜}</td> <td colspan="2">103.08.15~103.08.16</td> </tr> <tr> <td colspan="2">103.09.19~103.09.20</td> </tr> </tbody> </table> <p>二、監測值：</p> <p>1.周界逸散性粒狀污染物：</p> <table border="1" data-bbox="625 797 1449 904"> <thead> <tr> <th>測站</th> <th>單位</th> <th>TSP</th> <th>標準</th> </tr> </thead> <tbody> <tr> <td>北方周界</td> <td>µg/m³</td> <td>27~85</td> <td rowspan="2">250</td> </tr> <tr> <td>東南方周界</td> <td>µg/m³</td> <td>22~55</td> </tr> </tbody> </table> <p>2.周界噪音：</p> <table border="1" data-bbox="625 945 1449 1160"> <thead> <tr> <th>項目</th> <th>測站</th> <th>電廠東南方周界</th> <th>電廠南方周界</th> <th>標準</th> </tr> </thead> <tbody> <tr> <td>L_日</td> <td></td> <td>49.6~54.8</td> <td>49.6~54.1</td> <td>60</td> </tr> <tr> <td>L_晚</td> <td></td> <td>46.9~49.5</td> <td>48.1~51.9</td> <td>55</td> </tr> <tr> <td>L_夜</td> <td></td> <td>46.5~48.8</td> <td>46.2~49.6</td> <td>50</td> </tr> <tr> <td>L_{eq}</td> <td></td> <td>48.8~52.9</td> <td>49.3~52.8</td> <td>—</td> </tr> </tbody> </table> <p>3.周界振動：</p> <table border="1" data-bbox="625 1200 1449 1348"> <thead> <tr> <th>項目</th> <th>測站</th> <th>電廠東南方周界</th> <th>電廠南方周界</th> <th>標準</th> </tr> </thead> <tbody> <tr> <td>L_{v10日}</td> <td></td> <td>30.0~32.4</td> <td>30.1~36.9</td> <td>65</td> </tr> <tr> <td>L_{v10夜}</td> <td></td> <td>30.0~30.3</td> <td>30.0~31.3</td> <td>60</td> </tr> </tbody> </table> <p>三、摘要：</p> <p>1.周界逸散性粒狀污染物： 本季各測站項目測值均符合空氣品質標準。</p> <p>2.周界噪音、振動： 本季各測站項目測值均符合一般地區第2類管制區環境音量標準及參考之日本振動規制法第1種區域管制標準。</p> | 項目、日期 | 測站 | 北方周界 | 東南方周界 | 周界逸散性粒狀污染物 | | 103.07.01~02、103.07.16~17 | | | 103.08.05~06、103.08.18~19 | | | 103.09.03~04、103.09.18~19 | | 項目、日期 | 測站 | 電廠東南方周界 | 電廠南方周界 | 噪音： L _{eq} 、L _早 、L _日 、L _晚 、L _夜 | | 103.07.25~103.07.26 | | 振動： L _{eq} 、L _{v10} 、L _{v10日} 、L _{v10夜} | 103.08.15~103.08.16 | | 103.09.19~103.09.20 | | 測站 | 單位 | TSP | 標準 | 北方周界 | µg/m ³ | 27~85 | 250 | 東南方周界 | µg/m ³ | 22~55 | 項目 | 測站 | 電廠東南方周界 | 電廠南方周界 | 標準 | L _日 | | 49.6~54.8 | 49.6~54.1 | 60 | L _晚 | | 46.9~49.5 | 48.1~51.9 | 55 | L _夜 | | 46.5~48.8 | 46.2~49.6 | 50 | L _{eq} | | 48.8~52.9 | 49.3~52.8 | — | 項目 | 測站 | 電廠東南方周界 | 電廠南方周界 | 標準 | L _{v10日} | | 30.0~32.4 | 30.1~36.9 | 65 | L _{v10夜} | | 30.0~30.3 | 30.0~31.3 | 60 |
| 項目、日期 | 測站 | 北方周界 | 東南方周界 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 周界逸散性粒狀污染物 | | 103.07.01~02、103.07.16~17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 103.08.05~06、103.08.18~19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 103.09.03~04、103.09.18~19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 項目、日期 | 測站 | 電廠東南方周界 | 電廠南方周界 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 噪音： L _{eq} 、L _早 、L _日 、L _晚 、L _夜 | | 103.07.25~103.07.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 振動： L _{eq} 、L _{v10} 、L _{v10日} 、L _{v10夜} | | 103.08.15~103.08.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 103.09.19~103.09.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 測站 | 單位 | TSP | 標準 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 北方周界 | µg/m ³ | 27~85 | 250 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 東南方周界 | µg/m ³ | 22~55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 項目 | 測站 | 電廠東南方周界 | 電廠南方周界 | 標準 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _日 | | 49.6~54.8 | 49.6~54.1 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _晚 | | 46.9~49.5 | 48.1~51.9 | 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _夜 | | 46.5~48.8 | 46.2~49.6 | 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _{eq} | | 48.8~52.9 | 49.3~52.8 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 項目 | 測站 | 電廠東南方周界 | 電廠南方周界 | 標準 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _{v10日} | | 30.0~32.4 | 30.1~36.9 | 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L _{v10夜} | | 30.0~30.3 | 30.0~31.3 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 監測計畫內容 | 成果摘要 | | | | | | |
|---|--|-----------|----|-----------|--|--|-----------|
| <p>文化資產</p> <p>一、項目： 古蹟、遺址、古物、民俗及有關文物、特殊建築物(含歷史性、紀念性建築物)、紀念物、其他具有保存價值之建築物暨其周邊景物。</p> <p>二、地點： 廠區內。</p> <p>三、頻率： 每半年乙次。</p> | <p>一、執行情形：</p> <table border="1" data-bbox="619 241 1465 450"> <thead> <tr> <th data-bbox="619 241 1161 309">項目、日期</th> <th data-bbox="1161 241 1465 309">測站</th> <th data-bbox="1161 309 1465 450">廠區內</th> </tr> </thead> <tbody> <tr> <td data-bbox="619 309 1161 450">古蹟、遺址、古物、民俗及有關文物、特殊建築物(含歷史性、紀念性建築物)、紀念物、其他具有保存價值之建築物暨其周邊景物</td> <td data-bbox="1161 309 1465 450"></td> <td data-bbox="1161 309 1465 450">本季無進行此項調查</td> </tr> </tbody> </table> <p>二、監測值：無。</p> <p>三、摘要： 本季無進行此項調查。</p> | 項目、日期 | 測站 | 廠區內 | 古蹟、遺址、古物、民俗及有關文物、特殊建築物(含歷史性、紀念性建築物)、紀念物、其他具有保存價值之建築物暨其周邊景物 | | 本季無進行此項調查 |
| 項目、日期 | 測站 | 廠區內 | | | | | |
| 古蹟、遺址、古物、民俗及有關文物、特殊建築物(含歷史性、紀念性建築物)、紀念物、其他具有保存價值之建築物暨其周邊景物 | | 本季無進行此項調查 | | | | | |
| <p>海岸地形</p> <p>一、項目： 海岸地形及海底水深。</p> <p>二、地點： 北自大岬溪口，南至新屋溪口。</p> <p>三、頻率： 每季乙次。</p> | <p>一、執行情形：</p> <table border="1" data-bbox="619 741 1465 846"> <thead> <tr> <th data-bbox="619 741 970 808">項目、日期</th> <th data-bbox="970 741 1465 808">測站</th> </tr> </thead> <tbody> <tr> <td data-bbox="619 808 970 846">海岸地形及海底水深</td> <td data-bbox="970 808 1465 846">北自大岬溪口，南至新屋溪口 103.08.06~103.08.07</td> </tr> </tbody> </table> <p>二、監測值：無。</p> <p>三、摘要： 由全區域水深地形之等深線變化比較及格網水深變化比較，顯現施測海域水深地形之侵淤變化皆屬局部地區發生之情形；102年8月至103年8月共12月期間之海域地形變化主要為侵淤互現。大潭電廠進水口防波堤與出水口導流堤間彎形海域有顯著淤積現象，局部達50公分以上；進水口防波堤內有淤積現象，進水口防波堤開口處及其南側有淤積現象，進水口防波堤南側近岸水深-2公尺~-3公尺間則為侵蝕現象；就整體海域土方量變化而言，102年第3季至103年第3季12個月期間內全區域土方變化為淤積(全區平均淤積深度+3.9公分)。</p> | 項目、日期 | 測站 | 海岸地形及海底水深 | 北自大岬溪口，南至新屋溪口 103.08.06~103.08.07 | | |
| 項目、日期 | 測站 | | | | | | |
| 海岸地形及海底水深 | 北自大岬溪口，南至新屋溪口 103.08.06~103.08.07 | | | | | | |

| 監測計畫內容 | 成 果 摘 要 | | | | | | |
|--|--|----|---|-------|--|------|---------------------|
| <p>陸域地形</p> <p>一、項目： 地形測量。</p> <p>二、地點： 北起「大潭燃氣發電計畫」進水口南防波堤，南迄新屋溪口北岸，全長約 2,000 公尺，陸側東至高潮線(海堤或防風林)，西迄海側低潮線。</p> <p>三、頻率： 每季乙次。</p> | <p>一、執行情形：</p> <table border="1" data-bbox="619 241 1469 383"> <tr> <td data-bbox="619 241 874 309">測站</td> <td data-bbox="874 241 1469 309">北起「大潭燃氣發電計畫」進水口南防波堤，南迄新屋溪口北岸，全長約 2,000 公尺，陸側東至高潮線(海堤或防風林)，西迄海側低潮線</td> </tr> <tr> <td data-bbox="619 309 874 353">項目、日期</td> <td data-bbox="874 309 1469 353"></td> </tr> <tr> <td data-bbox="619 353 874 383">地形測量</td> <td data-bbox="874 353 1469 383">103.08.04~103.08.05</td> </tr> </table> <p>二、監測值：無。</p> <p>三、摘要：</p> <p>103 年 6 月(上季)至 103 年 8 月(本季)期間 0 公尺變遷距離，進水口導流堤南堤南側 300 公尺內為淤積(斷面 01~斷面 04)，0 公尺岸線前進量 92 公尺~139 公尺間，其中以離海堤 200 公尺(斷面 03)前進量最大，前進縮量 139 公尺，由於斷面 01~斷面 04 於 0 公尺線附近皆為平緩地形，0 公尺線位置雖有偏移但底床高程變化並不顯著；斷面 05~斷面 16 互有侵淤，0 公尺線位置季變化皆在 12 公尺範圍內，離進水口導流堤南堤 1,600 公尺(斷面 17)後退 15 公尺；斷面 18 則前進 13 公尺；斷面 19~斷面 20 位於現階段河口處；斷面 21 現階段於 0 公尺線附近為平緩沙灘，103 年 6 月至 103 年 8 月 0 公尺線後退(侵蝕)54 公尺。於進水口導流堤南堤 1,800 公尺~1,900 公尺(斷面 19~斷面 20)處，現階段新屋溪出海口位置，於 101 年 5 月及 103 年 8 月(本季)施測期間為河道行走區，斷面底床高程皆小於 0 公尺，該位置無法顯示 0 公尺線訊息。但由於河口附近地形由底床高程變化圖可知斷面 19 於離岸控點 100 公尺內，自 103 年 2 月之後高程變化互有侵淤，高程變化皆在 0.5 公尺之內；斷面 20 於離岸控點 100 公尺內為侵蝕，其餘區位變化不大；斷面 20 於近岸 100 公尺內 102 年 11 月高程最高，經 103 年 2 月、103 年 6 月持續受侵蝕，高程則持續降低，而 103 年 8 月近岸底床高程略呈淤積。斷面 21 於近岸 100 公尺內為一近 0 公尺高程平坦地形，受新屋溪口北移影響，於 103 年 2 月至 103 年 8 月期間於近岸 100 公尺內侵淤互見，變化不大，離岸 100 公尺外則為淤積，0 公尺線則推進約 45 公尺。</p> | 測站 | 北起「大潭燃氣發電計畫」進水口南防波堤，南迄新屋溪口北岸，全長約 2,000 公尺，陸側東至高潮線(海堤或防風林)，西迄海側低潮線 | 項目、日期 | | 地形測量 | 103.08.04~103.08.05 |
| 測站 | 北起「大潭燃氣發電計畫」進水口南防波堤，南迄新屋溪口北岸，全長約 2,000 公尺，陸側東至高潮線(海堤或防風林)，西迄海側低潮線 | | | | | | |
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| 地形測量 | 103.08.04~103.08.05 | | | | | | |