

Unusual Settlement in Tseung Kwan O

Bi-monthly Report to LegCo on Monitoring Results

Report No. 1

Territory Development Department

June 2000

Unusual Settlement in Tseung Kwan O

Bi-monthly Report to LegCo on Monitoring Results

Report No. 1

1. **Locations of Monitoring Stations**

The locations of monitoring stations are marked on Drawing No. TKZ0101A.

2. **Monitoring Results**

(i) **Developed Area**

- (a) Table 1 - Wan Po Road
- (b) Table 2 - Po Hong Road
- (c) Table 3 - Po Shun Road
- (d) Table 4 - Po Shun Road Extension
- (e) Table 5 - Sheung Tak Estate / Po Ming Court / Kwong Ming Court
- (f) Table 6 - Tong Ming Street

| | |
|--|---------|
| Maximum settlement in the month ending early May 2000 | =2 mm |
| Minimum settlement in the month ending early May 2000 | =-1 mm |
| Average settlement in the month ending early May 2000 | =0.3 mm |
| Cumulative maximum settlement from early December 1999 to early May 2000 | =10 mm |
| Cumulative minimum settlement from early December 1999 to early May 2000 | =0 mm |
| Cumulative average settlement from early December 1999 to early May 2000 | =3 mm |

(ii) **Newly Developed Area**

- (a) Table 7 - Beverly Garden
- (b) Table 8 - Tong Ming Court
- (c) Table 9 - Footpath adjacent to Tong Ming Court
- (d) Table 10 - Tong Chun Street
- (e) Table 11 - Tong Yin Street
- (f) Table 12 - Tong Tak Street

| | |
|---|---------|
| Maximum settlement in the month ending early May 2000 | =17 mm |
| Minimum settlement in the month ending early May 2000 | =-1 mm |
| Average settlement in the month ending early May 2000 | =3.3 mm |

| | |
|--|--------|
| Cumulative maximum settlement from early December 1999 to early May 2000 | =63 mm |
| Cumulative minimum settlement from early December 1999 to early May 2000 | =1 mm |
| Cumulative average settlement from early December 1999 to early May 2000 | =19 mm |

(iii) **Developing Area**

- (a) Table 13 Road D4

| | |
|---|---------|
| Maximum settlement in the month ending early May 2000 | =25 mm |
| Minimum settlement in the month ending early May 2000 | =1 mm |
| Average settlement in the month ending early May 2000 | =7.4 mm |

| | |
|--|---------|
| Cumulative maximum settlement from early December 1999 to early May 2000 | =100 mm |
| Cumulative minimum settlement from early December 1999 to early May 2000 | =15 mm |
| Cumulative average settlement from early December 1999 to early May 2000 | =44 mm |

(iv) **Seawall**

(a) Table 14 Seawall

| | |
|--|---------|
| Maximum settlement in the month ending early May 2000 | =7 mm |
| Minimum settlement in the month ending early May 2000 | =0 mm |
| Average settlement in the month ending early May 2000 | =2.8 mm |
| Cumulative maximum settlement from early December 1999 to early May 2000 | =46 mm |
| Cumulative minimum settlement from early December 1999 to early May 2000 | =0 mm |
| Cumulative average settlement from early December 1999 to early May 2000 | =16 mm |

3. **Summary of Results**

(i) In the month ending early May 2000:

80% of monitoring stations have recorded settlement of equal or less than 5 mm
67% of monitoring stations have recorded settlement of equal or less than 2 mm
60% of monitoring stations have recorded settlement of equal or less than 1 mm

(ii) In the period from early December 1999 to early May 2000:

94% of monitoring stations have recorded settlement of equal or less than 50 mm
67% of monitoring stations have recorded settlement of equal or less than 20 mm
57% of monitoring stations have recorded settlement of equal or less than 10 mm

Territory Development Department
June 2000

將軍澳不正常沉降

每兩月一次向立法會報告監測結果 第一份報告

1. 監測站位置

監測站之位置在圖則編號 TKZ0101A 顯示。

2. 監測結果

(i) 已發展地區

- (a) 表一 - 環保大道
- (b) 表二 - 寶康路
- (c) 表三 - 寶順路
- (d) 表四 - 寶順路延展
- (e) 表五 - 尚德邨／寶明苑／廣明苑
- (f) 表六 - 唐明街

自二〇〇〇年四月初至二〇〇〇年五月初之最高沉降量 = 2 毫米。
自二〇〇〇年四月初至二〇〇〇年五月初之最低沉降量 = -1 毫米。
自二〇〇〇年四月初至二〇〇〇年五月初之平均沉降量 = 0.3 毫米。

自一九九九年十二月初至二〇〇〇年五月初之累積最高沉降量 = 10 毫米。
自一九九九年十二月初至二〇〇〇年五月初之累積最低沉降量 = 0 毫米。
自一九九九年十二月初至二〇〇〇年五月初之累積平均沉降量 = 3 毫米。

(ii) 新發展地區

- (a) 表七 - 富康花園
- (b) 表八 - 唐明苑
- (c) 表九 - 唐明苑行人路
- (d) 表十 - 唐俊街
- (e) 表十一 - 唐賢街
- (f) 表十二 - 唐德街

自二〇〇〇年四月初至二〇〇〇年五月初之最高沉降量 = 17 毫米。
自二〇〇〇年四月初至二〇〇〇年五月初之最低沉降量 = -1 毫米。
自二〇〇〇年四月初至二〇〇〇年五月初之平均沉降量 = 3.3 毫米。

自一九九九年十二月初至二〇〇〇年五月初之累積最高沉降量 = 63 毫米。
自一九九九年十二月初至二〇〇〇年五月初之累積最低沉降量 = 1 毫米。
自一九九九年十二月初至二〇〇〇年五月初之累積平均沉降量 = 19 毫米。

(iii) 發展中地區

(a) 表十三 - D4 道路

| | |
|-----------------------------|----------|
| 自二〇〇〇年四月初至二〇〇〇年五月初之最高沉降量 | =25 毫米。 |
| 自二〇〇〇年四月初至二〇〇〇年五月初之最低沉降量 | =1 毫米。 |
| 自二〇〇〇年四月初至二〇〇〇年五月初之平均沉降量 | =7.4 毫米。 |
| 自一九九九年十二月初至二〇〇〇年五月初之累積最高沉降量 | =100 毫米。 |
| 自一九九九年十二月初至二〇〇〇年五月初之累積最低沉降量 | =15 毫米。 |
| 自一九九九年十二月初至二〇〇〇年五月初之累積平均沉降量 | =44 毫米。 |

(iv) 海堤

(a) 表十四 - 海堤

| | |
|-----------------------------|----------|
| 自二〇〇〇年四月初至二〇〇〇年五月初之最高沉降量 | =7 毫米。 |
| 自二〇〇〇年四月初至二〇〇〇年五月初之最低沉降量 | =0 毫米。 |
| 自二〇〇〇年四月初至二〇〇〇年五月初之平均沉降量 | =2.8 毫米。 |
| 自一九九九年十二月初至二〇〇〇年五月初之累積最高沉降量 | =46 毫米。 |
| 自一九九九年十二月初至二〇〇〇年五月初之累積最低沉降量 | =0 毫米。 |
| 自一九九九年十二月初至二〇〇〇年五月初之累積平均沉降量 | =16 毫米。 |

3. 結果撮要

(i) 自二〇〇〇年四月初至二〇〇〇年五月初：

百份之八十之監測站錄得五毫米或以下之沉降量
百份之六十七之監測站錄得二毫米或以下之沉降量
百份之六十之監測站錄得一毫米或以下之沉降量

(ii) 自一九九九年十二月初至二〇〇〇年五月初：

百份之九十四之監測站錄得五十毫米或以下之沉降量
百份之六十七之監測站錄得二十毫米或以下之沉降量
百份之五十七之監測站錄得十毫米或以下之沉降量

拓展署

二〇〇〇年六月

Table 1 Monitoring Stations along Wan Po Road 表一 環保大道監測站

| DATE | A | | B | | C | | D | | E | |
|-----------------|---|---|---|---|---|---|---|---|---|---|
| | A | B | A | B | A | B | A | B | A | B |
| 09-12-99 | - | - | - | - | - | - | - | - | - | - |
| 06-01-00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-02-00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 09-03-00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 06-04-00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02-05-00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 2 Monitoring Stations along Po Hong Road 表二 寶康路監測站

| DATE | B0 | | B4 | | D1A | | D1B | | D1C | |
|-----------------|----|---|----|---|-----|---|-----|---|-----|---|
| | A | B | A | B | A | B | A | B | A | B |
| 10-12-99 | - | - | - | - | - | - | - | - | - | - |
| 06-01-00 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 09-02-00 | 1 | 1 | 0 | 0 | 1 | 2 | 1 | 2 | 1 | 2 |
| 08-03-00 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 |
| 05-04-00 | 1 | 3 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 |
| 02-05-00 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 2 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 3 Monitoring Stations along Po Shun Road 表三 寶順路監測站

| DATE | A | | B | | C | | D | | M/H A | | M/H B | | M/H C | | M/H D | | M/H E | |
|-----------------|---|---|---|---|---|---|---|---|-------|---|-------|---|-------|---|-------|---|-------|---|
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| 09-12-99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 05-01-00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| 09-02-00 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| 09-03-00 | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 1 |
| 06-04-00 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 |
| 03-05-00 | 1 | 3 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 4 | 0 | 0 | 1 | 3 | 1 | 2 | 1 | 2 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 4 Monitoring Stations along Po Shun Road extension 表四 寶順路延展監測站

| DATE | DM | | IM | |
|----------|----|----|----|---|
| | A | B | A | B |
| 09-12-99 | - | - | - | - |
| 06-01-00 | 1 | 1 | 0 | 0 |
| 10-02-00 | 1 | 2 | 0 | 0 |
| 09-03-00 | -4 | -2 | 0 | 0 |
| 06-04-00 | 2 | 0 | 0 | 0 |
| 03-05-00 | 2 | 2 | 1 | 1 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 5 Monitoring Stations in Sheung Tak Estate, Po Ming Court, Kwong Ming Court 表五 尚德邨，寶明苑，廣明苑監測站

| DATE | SM1(59) | | SM4(59) | | SM5(59) | | SM6(59) | | SM7(59) | | SM8(59) | | SM9(59) | | SM10(59) | |
|----------|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|---------|---|----------|---|
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| 08-12-99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 03-04-00 | 8 | 8 | 9 | 9 | 8 | 8 | 6 | 6 | 7 | 7 | 8 | 8 | 5 | 5 | 5 | 5 |
| 09-05-00 | -1 | 7 | -1 | 8 | 0 | 8 | -1 | 5 | 1 | 8 | 0 | 8 | 0 | 5 | 0 | 5 |

| DATE | SM11(59) | |
|----------|----------|---|
| | A | B |
| 08-12-99 | - | - |
| 03-04-00 | 5 | 5 |
| 09-05-00 | 0 | 5 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 6 Monitoring Stations along Tong Ming Street 表六 唐明街監測站

| DATE | 463C | | 463B3 | | 463B2 | | A7 | | A5 | | A1 | | 463B1 | | 463B | | 463A1 | | 463A | |
|----------|------|---|-------|---|-------|---|----|---|----|---|----|---|-------|---|------|---|-------|---|------|----|
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| 08-12-99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 05-01-00 | 3 | 3 | - | - | - | - | 1 | 1 | - | - | 1 | 1 | - | - | 1 | 1 | - | - | 1 | 1 |
| 09-02-00 | 3 | 6 | - | - | - | - | 3 | 4 | - | - | 3 | 4 | - | - | 2 | 3 | - | - | 1 | 2 |
| 08-03-00 | 1 | 7 | - | - | - | - | 1 | 5 | - | - | 3 | 7 | - | - | 0 | 3 | - | - | 2 | 4 |
| 05-04-00 | 0 | 7 | - | - | - | - | 0 | 5 | - | - | 1 | 8 | - | - | 4 | 7 | - | - | 5 | 9 |
| 02-05-00 | 0 | 7 | 1 | 1 | 1 | 1 | 1 | 6 | 1 | 1 | 1 | 9 | 0 | 0 | 0 | 7 | 1 | 1 | 1 | 10 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 7 Monitoring Stations in Beverly Garden 表七 富康花園監測站

| DATE | BG17 | | BG18 | | BG19 | | BG20 | | BG21 | | BG22 | |
|----------|------|----|------|----|------|----|------|---|------|----|------|---|
| | A | B | A | B | A | B | A | B | A | B | A | B |
| 08-12-99 | - | - | - | - | - | - | - | - | - | - | - | - |
| 05-01-00 | 4 | 4 | 8 | 8 | 14 | 14 | 3 | 3 | 3 | 3 | 2 | 2 |
| 09-02-00 | 2 | 6 | 6 | 14 | 14 | 28 | 2 | 5 | 1 | 4 | 2 | 4 |
| 08-03-00 | 3 | 9 | 9 | 23 | 6 | 34 | 1 | 6 | 1 | 5 | 0 | 4 |
| 05-04-00 | 6 | 15 | 10 | 33 | 10 | 44 | 3 | 9 | 6 | 11 | 1 | 5 |
| 02-05-00 | 1 | 16 | 5 | 38 | 7 | 51 | 0 | 9 | 1 | 12 | 1 | 6 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 8 Monitoring Stations in Tong Ming Court 表八 唐明苑監測站

| | SM1(57) | | SM2(57) | | SM3(57) | | SM4(57) | | SM5(57) | | SM6(57) | | SM7(57) | | SM8(57) | | SM9(57) | | SM10(57) | |
|----------|---------|----|---------|----|---------|---|---------|----|---------|----|---------|----|---------|----|---------|----|---------|---|----------|----|
| DATE | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| 06-12-99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 06-03-00 | 9 | 9 | 24 | 24 | 5 | 5 | 8 | 8 | 9 | 9 | 18 | 18 | 14 | 14 | 12 | 12 | 7 | 7 | 21 | 21 |
| 03-04-00 | 2 | 11 | 6 | 30 | 1 | 6 | 3 | 11 | 1 | 10 | 5 | 23 | 3 | 17 | 3 | 15 | 2 | 9 | 6 | 27 |
| 09-05-00 | 0 | 11 | 3 | 33 | -1 | 5 | 0 | 11 | 0 | 10 | 1 | 24 | 0 | 17 | 0 | 15 | -1 | 8 | 1 | 28 |

| | SM11(57) | | SM12(57) | | SM13(57) | | SM14(57) | | SM15(57) | |
|----------|----------|----|----------|----|----------|----|----------|----|----------|----|
| DATE | A | B | A | B | A | B | A | B | A | B |
| 06-12-99 | - | - | - | - | - | - | - | - | - | - |
| 06-03-00 | 25 | 25 | 29 | 29 | 21 | 21 | 22 | 22 | 25 | 25 |
| 03-04-00 | 6 | 31 | 7 | 36 | 6 | 27 | 7 | 29 | 7 | 32 |
| 09-05-00 | 2 | 33 | 3 | 39 | 1 | 28 | 1 | 30 | 3 | 35 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 9 Monitoring Stations along Footpath Adjacent to Tong Ming Court 表九 唐明苑行人路監測站

| DATE | MH26 | | MH27 | | MH28 | | MH29 | |
|----------|------|---|------|---|------|---|------|---|
| | A | B | A | B | A | B | A | B |
| 09-12-99 | - | - | - | - | - | - | - | - |
| 06-01-00 | 1 | 1 | 1 | 1 | 0 | 0 | 2 | 2 |
| 10-02-00 | 0 | 1 | 0 | 1 | 2 | 2 | 3 | 5 |
| 09-03-00 | 0 | 1 | 0 | 1 | 0 | 2 | 1 | 6 |
| 06-04-00 | 0 | 1 | 0 | 1 | 0 | 2 | 2 | 8 |
| 03-05-00 | 0 | 1 | 0 | 1 | 0 | 2 | 0 | 8 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 10 Monitoring Stations along Tong Chun Street 表十 唐俊街監測站

| DATE | 461A | | 461A1 | | 461B | | 461B1 | |
|----------|------|---|-------|---|------|----|-------|---|
| | A | B | A | B | A | B | A | B |
| 10-12-99 | - | - | - | - | - | - | - | - |
| 07-01-00 | 2 | 2 | - | - | 14 | 14 | - | - |
| 10-02-00 | 2 | 4 | - | - | 9 | 23 | - | - |
| 09-03-00 | 0 | 4 | - | - | 3 | 26 | - | - |
| 06-04-00 | 4 | 8 | - | - | 5 | 31 | - | - |
| 02-05-00 | 0 | 8 | 1 | 1 | 5 | 36 | 5 | 5 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 11 Monitoring Stations along Tong Yin Street 表十一 唐賢街監測站

| DATE | 462A | | 462A1 | | 462B2 | | 462B1 | |
|----------|------|----|-------|---|-------|---|-------|---|
| | A | B | A | B | A | B | A | B |
| 10-12-99 | - | - | - | - | - | - | - | - |
| 07-01-00 | 3 | 3 | - | - | - | - | - | - |
| 10-02-00 | 5 | 8 | - | - | - | - | - | - |
| 09-03-00 | 2 | 10 | - | - | - | - | - | - |
| 06-04-00 | 3 | 13 | - | - | - | - | - | - |
| 03-05-00 | 1 | 14 | 1 | 1 | 1 | 1 | 3 | 3 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 12 Monitoring Stations along Tong Tak Street 表十二 唐德街監測站

| DATE | M1 | | M3 | | M4 | | M5 | | M6 | | M8 | | M9 | | M10 | | M11 | | M17 | |
|-----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|-----|----|-----|----|
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| 09-12-99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 06-01-00 | 5 | 5 | 3 | 3 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 5 | 5 | 5 | 5 | 4 | 4 | 13 | 13 |
| 10-02-00 | 11 | 16 | 8 | 11 | 7 | 7 | 8 | 8 | 9 | 11 | 7 | 9 | 8 | 13 | 9 | 14 | 13 | 17 | 18 | 31 |
| 09-03-00 | 2 | 18 | 3 | 14 | 1 | 8 | 1 | 9 | 2 | 13 | 1 | 10 | 1 | 14 | 2 | 16 | 4 | 21 | 8 | 39 |
| 06-04-00 | 5 | 23 | 1 | 15 | 2 | 10 | 1 | 10 | 1 | 14 | 2 | 12 | 1 | 15 | 4 | 20 | 0 | 21 | 9 | 48 |
| 02-05-00 | 5 | 28 | 10 | 25 | 5 | 15 | 7 | 17 | 8 | 22 | 10 | 22 | 11 | 26 | 8 | 28 | 17 | 38 | 15 | 63 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 13 Monitoring Stations along Road D4 表十三 D4 道路監測站

| DATE | PS2B | | PS3B | | PS4B | | PS5B | | PS6A | | PS6B | | PS7A | | PS7B | | PS10B | | PS11B | | PS12B | | PS13B | |
|----------|------|----|------|-----|------|-----|------|----|-----------|----|------|-----------|------|----|------|---|-------|----|-------|----|-------|----|-------|----|
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| 10-12-99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 06-01-00 | 0 | 0 | 0 | 0 | 30 | 30 | - | - | 25 | 25 | - | - | 7 | 7 | - | - | 19 | 19 | 11 | 11 | 3 | 3 | 8 | 8 |
| 10-02-00 | 12 | 12 | 41 | 41 | 28 | 58 | 7 | 7 | 27 | 52 | - | - | 6 | 13 | - | - | 21 | 40 | 13 | 24 | 6 | 9 | 8 | 16 |
| 09-03-00 | 11 | 23 | 22 | 63 | 21 | 79 | 3 | 10 | 24 | 76 | - | - | 10 | 23 | - | - | 12 | 52 | 7 | 31 | 3 | 12 | 4 | 20 |
| 06-04-00 | 10 | 33 | 12 | 75 | 10 | 89 | 2 | 12 | 18 | 94 | - | - | 7 | 30 | - | - | 11 | 63 | 6 | 37 | 1 | 13 | 2 | 22 |
| 03-05-00 | 8 | 41 | 25 | 100 | 11 | 100 | 6 | 18 | Relocated | - | - | Relocated | - | - | - | - | 11 | 74 | 7 | 44 | 3 | 16 | 4 | 26 |

| DATE | PS19A | | PS20A | | PS21A | | PS22A | | PS23B | | PS24B | | PS25B | | BBPS6A | | BBPS5 | |
|----------|------------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|------------|----|-------|----|
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| 10-12-99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 06-01-00 | - | - | 6 | 6 | 14 | 14 | 15 | 15 | 9 | 9 | 12 | 12 | 12 | 12 | 14 | 14 | 9 | 9 |
| 10-02-00 | 9 | 9 | 3 | 9 | 13 | 27 | 17 | 32 | 8 | 17 | 11 | 23 | 11 | 23 | 11 | 25 | 6 | 15 |
| 09-03-00 | obstructed | | 3 | 12 | 6 | 33 | 7 | 39 | 4 | 21 | 6 | 29 | 4 | 27 | obstructed | | 5 | 20 |
| 06-04-00 | 11 | 20 | 2 | 14 | 10 | 43 | 12 | 51 | 3 | 24 | 3 | 32 | 5 | 32 | 15 | 40 | 6 | 26 |
| 03-05-00 | 1 | 21 | 1 | 15 | 8 | 51 | 16 | 67 | 3 | 27 | 6 | 38 | 4 | 36 | 4 | 44 | 7 | 33 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

Table 14 Monitoring Stations along the Sea Wall 表十四 海堤監測站

| DATE | SM1 | | SM2 | | SM4 | | SM5 | | SM6 | | SM7 | | SM8 | | SM9 | | SM10 | | SM11 | | SM12 | |
|----------|-----|---|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|------|---|------|---|------|---|
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| 10-12-99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 07-01-00 | - | - | 7 | 7 | 9 | 9 | 11 | 11 | 8 | 8 | 12 | 12 | 12 | 12 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-02-00 | - | - | 7 | 14 | 8 | 17 | 8 | 19 | 7 | 15 | 7 | 19 | 8 | 20 | 10 | 19 | 4 | 4 | 0 | 0 | 1 | 1 |
| 10-03-00 | - | - | 9 | 23 | 13 | 30 | 11 | 30 | 11 | 26 | 11 | 30 | 14 | 34 | 12 | 31 | 0 | 4 | 0 | 0 | 1 | 2 |
| 07-04-00 | - | - | 3 | 26 | 5 | 35 | 6 | 36 | 6 | 32 | 5 | 35 | 5 | 39 | 8 | 39 | 2 | 6 | 0 | 0 | 0 | 2 |
| 02-05-00 | 4 | 4 | 2 | 28 | 6 | 41 | 5 | 41 | 6 | 38 | 6 | 41 | 7 | 46 | 7 | 46 | 2 | 8 | 0 | 0 | 0 | 2 |

| DATE | SM13 | | SM14 | | SM15 | | SM16 | | SM17 | | SM18 | | SM19 | | SM20 | | SM21 | |
|----------|------|---|------|---|------|---|------|---|------|---|------|---|------|---|------|---|------|---|
| | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| 10-12-99 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 07-01-00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11-02-00 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 | 0 | 0 | -1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10-03-00 | 0 | 1 | 0 | 2 | 1 | 2 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 07-04-00 | 2 | 3 | 1 | 3 | 1 | 3 | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 02-05-00 | 1 | 4 | 2 | 5 | 2 | 5 | 1 | 3 | 2 | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 |

Legend 圖例

Column A = Settlement in Period (mm) A 欄 = 該段期間之沉降量 (毫米)

Column B = Cumulative Settlement since early December 1999 (mm) B 欄 = 自 1999 年 12 月初之累積沉降量 (毫米)

