

# **Appendix 7-1 Drillhole Record (BH6) from Ground Investigation for the Site**

# Location of Ground Investigation - BH6









# DRILLHOLE RECORD

HOLE NO. BH 6

CONTRACT NO. : TC X304

SHEET 2 OF 9

**PROJECT** Term Contract for Ground Investigation and Laboratory Testing for which the Architectural Services Department is Responsible in Hong Kong, Kowloon, New Territories and the Outlying Islands (PWP No. 129ZX)  
 Project No.: 3100 GX / 9AX 034 (182GK)  
 Title : Reprovisioning of FEHD Sai Yee Street Vehicle Depot at Yen Ming Road, West KLN Reclamation Area  
 Location : West KLN Reclamation Area

<b>METHOD</b>	Rotary	<b>CO-ORDINATES</b>	<b>W.O.NO.</b>
<b>MACHINE &amp; NO.</b>	VBM26	E 833981.00 N 820513.66	ASD 011850
<b>FLUSHING MEDIUM</b>	Water	<b>ORIENTATION</b>	Vertical
			<b>GROUND LEVEL</b> + 5.21 mPD

Drilling Progress	Casing Depth/Size	Water Level (m) Shift start / end	Flush Returns %	TCR %	SCR %	RQD %	FI	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Description
23/05/2012 24/05/2012	PW	2.65m at 18:30						5,7,15,18,22,25 N=80	17 10.10 18 10.40 10.45	-4.79	10.00			See sheet 1 of 9
11				99				370 bls	19 11.00 20 11.45 11.50					
12								7,10,28,30,38,42 N=138	21 12.10 22 12.40 12.45					
13				99				380 bls	23 13.00 24 13.45 13.50					
14								12,29,35,68,97/50mm (200/200mm)	25 14.00 26 14.30 14.35					
15				99				392 bls	27 15.00 28 15.45 15.50					
16								11,30,38,77,85/40mm (200/190mm)	29 16.00 30 16.29 16.34					From 16.00m to 16.34m : Fine to coarse SAND with some angular fine gravel.
17				99				410 bls	31 17.00 32 17.45 17.50					
18								5,9,9,10,10,9 N=38	33 18.10 34 18.40 18.45	-12.79	18.00			Dense, grey (N 5), very silty fine to coarse SAND with some subangular fine to medium gravel sized moderately decomposed rock fragments and occasional shell fragments. (FILL)
19				99				37 bls	35 19.00 36 19.45 19.50	-13.79	19.00			Soft, grey (N 5), dappled brownish grey, slightly sandy clayey SILT with some angular to subangular fine to coarse gravel and shell fragments. (DISTURBED MARINE DEPOSIT)

<ul style="list-style-type: none"> <li>● Disturbed sample</li> <li>▣ Piston sample</li> <li>▤ Split spoon sample</li> <li>▥ U76 undisturbed sample</li> <li>▧ U100 undisturbed sample</li> <li>▨ Mazier sample</li> <li>▩ SPT liner sample</li> <li>▲ Water sample</li> <li>En Environmental Sample</li> </ul>	<ul style="list-style-type: none"> <li>↓ Standard penetration test</li> <li>↕ In-situ vane shear test</li> <li>⊥ Permeability test</li> <li>⊥ Pressuremeter test</li> <li>⊥ Packer Test</li> <li>⊥ Acoustic or optical televiwer survey</li> <li>⊥ Piezometer tip</li> <li>⊥ Standpipe</li> <li>⊥ Inclinator access tube</li> <li>⊥ Vibrating wire piezometer</li> <li>⊥ Impression packer test</li> </ul>	<p><b>LOGGED</b> C. W. Lau</p> <p><b>DATE</b> 05/06/2012</p> <p><b>CHECKED</b> Y. M. Leung</p> <p><b>DATE</b> 06/06/2012</p>	<p><b>REMARKS</b></p>
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# DRILLHOLE RECORD

HOLE NO. BH 6

CONTRACT NO. : TC X304

SHEET 3 OF 9

**PROJECT**

Term Contract for Ground Investigation and Laboratory Testing for which the Architectural Services Department is Responsible in Hong Kong, Kowloon, New Territories and the Outlying Islands (PWP No. 129ZX)  
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 Title : Reprovisioning of FEHD Sai Yee Street Vehicle Depot at Yen Ming Road, West KLN Reclamation Area  
 Location : West KLN Reclamation Area

**METHOD**

Rotary

**CO-ORDINATES**

**W.O.NO.**

ASD 011850

**MACHINE & NO.**

VBM26

E 833981.00

N 820513.66

**DATE :**

22/05/2012 to 05/06/2012

**FLUSHING MEDIUM**

Water

**ORIENTATION**

Vertical

**GROUND LEVEL**

+ 5.21 mPD

Drilling Progress	Casing Depth/Size	Water Level (m) Shift start / end	Flush Returns %	TCR %	SCR %	RQD %	FI	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Description
21	PW							2,2,3,4,5,6 N=18	37 20.10 38 20.40 20.45	-14.79	20.00			See sheet 2 of 9
21		2.90m at 08:00	50	95					39 21.00	-15.79	21.00			Grey (N 5), very silty fine to coarse SAND with some subangular fine gravel sized quartz. (ALLUVIUM)
22								2,2,3,4,4,6 N=17	40 22.00 22.10 41 22.20 42 22.50 22.55	-16.89	22.10			Firm, grey (N 5), sandy clayey SILT with some subangular fine gravel sized quartz. (ALLUVIUM)
23			50	95					43 23.00					
24								2,2,3,4,5,7 N=19	44 24.00 24.10 45 24.20 46 24.50 24.55					
25			50	95					47 25.00	-19.79	25.00			Medium dense, brown (7.5YR 5/4), silty fine to coarse SAND with much angular to subangular fine to medium gravel sized quartz, highly decomposed and moderately decomposed rock fragments. (ALLUVIUM)
26								2,4,5,6,6,7 N=24	48 26.00 26.10 49 26.20 50 26.50 26.55					
27			50	0					51 27.00					
28			50	95					52 28.00 28.10	-22.89	28.10			Firm, brown, clayey SILT with some subangular to subrounded fine to medium gravel sized highly decomposed and moderately decomposed rock fragments. (ALLUVIUM)
29								2,3,5,5,6,9 N=25	53 29.10 29.20 54 29.30 55 29.60 29.65					
30	PW	2.05m at												

- Disturbed sample
- ▣ Piston sample
- ▤ Split spoon sample
- ▥ U76 undisturbed sample
- ▧ U100 undisturbed sample
- ▨ Mazier sample
- ▩ SPT liner sample
- ▲ Water sample
- En Environmental Sample
- ▼ Standard penetration test
- ▽ In-situ vane shear test
- Permeability test
- Pressuremeter test
- Packer Test
- Acoustic or optical televiwer survey
- Piezometer tip
- Standpipe
- Inclinator access tube
- Vibrating wire piezometer
- Impression packer test

LOGGED C. W. Lau  
 DATE 05/06/2012  
 CHECKED Y. M. Leung  
 DATE 06/06/2012

REMARKS



# DRILLHOLE RECORD

HOLE NO. BH 6

CONTRACT NO. : TC X304

SHEET 4 OF 9

**PROJECT**

Term Contract for Ground Investigation and Laboratory Testing for which the Architectural Services Department is Responsible in Hong Kong, Kowloon, New Territories and the Outlying Islands (PWP No. 129ZX)  
 Project No.: 3100 GX / 9AX 034 (182GK)  
 Title : Reprovisioning of FEHD Sai Yee Street Vehicle Depot at Yen Ming Road, West KLN Reclamation Area  
 Location : West KLN Reclamation Area

**METHOD**

Rotary

**CO-ORDINATES**

**W.O.NO.**

ASD 011850

**MACHINE & NO.**

VBM26

E 833981.00

N 820513.66

**DATE :**

22/05/2012 to 05/06/2012

**FLUSHING MEDIUM**

Water

**ORIENTATION**

Vertical

**GROUND LEVEL**

+ 5.21 mPD

Drilling Progress	Casing Depth/Size	Water Level (m) Shift start / end	Flush Returns %	TCR %	SCR %	RQD %	FI	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Description
25/05/2012	30.10	18.00												See sheet 3 of 9 Extremely weak, pinkish brown, mottled white and grey, completely decomposed medium grained GRANITE. (Sandy clayey SILT with some angular fine to medium gravel)
26/05/2012	HW	2.95m at 08:00	50	86				56 30.10 57 31.10 58 31.30 59 31.60 60 32.10 61 33.10 62 33.30 63 33.60 64 34.10 65 35.10 66 35.20 67 36.20 68 36.40 69 36.70 70 37.20 71 38.20 72 38.30 73 39.30 74 39.50 75 39.80	-24.79 -24.89	30.00 30.10		V		
								2,2, 3,3,7,15 N=28						
								2,3, 4,5,6,9 N=24						
								5,8, 9,15,27,30 N=81						
								2,3, 7,12,13,25 N=57						
														Extremely weak, pinkish brown, mottled white, dark brown and grey, completely decomposed medium grained GRANITE. (Silty fine to coarse SAND with some angular fine to medium gravel)

- Disturbed sample
- Piston sample
- Split spoon sample
- U76 undisturbed sample
- U100 undisturbed sample
- Mazier sample
- SPT liner sample
- Water sample
- Environmental Sample
- Standard penetration test
- In-situ vane shear test
- Permeability test
- Pressuremeter test
- Packer Test
- Acoustic or optical televiwer survey
- Piezometer tip
- Standpipe
- Inclinometer access tube
- Vibrating wire piezometer
- Impression packer test

LOGGED C. W. Lau  
 DATE 05/06/2012  
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**REMARKS**





# DRILLHOLE RECORD

HOLE NO. BH 6

CONTRACT NO. : TC X304

SHEET 5 OF 9

**PROJECT** Term Contract for Ground Investigation and Laboratory Testing for which the Architectural Services Department is Responsible in Hong Kong, Kowloon, New Territories and the Outlying Islands (PWP No. 129ZX)  
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 Title : Reprovisioning of FEHD Sai Yee Street Vehicle Depot at Yen Ming Road, West KLN Reclamation Area  
 Location : West KLN Reclamation Area

<b>METHOD</b>	Rotary	<b>CO-ORDINATES</b>		<b>W.O.NO.</b>	ASD 011850
<b>MACHINE &amp; NO.</b>	VBM26	E 833981.00	N 820513.66	<b>DATE :</b>	22/05/2012 to 05/06/2012
<b>FLUSHING MEDIUM</b>	Water	<b>ORIENTATION</b>		<b>GROUND LEVEL</b>	+ 5.21 mPD
		Vertical			

Drilling Progress	Casing Depth/Size	Water Level (m) Shift start / end	Flush Returns %	TCR %	SCR %	RQD %	FI	Tests	Samples No. Type Depth	Reduced Level -34.79	Depth (m) 40.00	Legend	Grade	Description
26/05/2012 28/05/2012	HW	2.25m at 18:30 2.90m at 08:00	50	95				5, 10, 13, 21, 22, 23 N=79	76 40.30 77 41.30 78 41.50 79 41.80 41.85				V	See sheet 4 of 9
41									80 42.30					
42									81 43.30 43.40	-38.19	43.40		V	Extremely weak to very weak, pinkish brown, mottled white, grey and dark brown, completely decomposed medium grained GRANITE. (Silty fine to coarse SAND with some angular fine to medium gravel)
43								8, 14, 20, 30, 36, 51 N=137	82 43.50 83 43.80 43.85					
44									84 44.30					
45									85 45.30 45.40					
46									86 45.50 87 45.80 45.85					
47									88 46.30					
48									89 47.30 47.40 90 47.45 91 47.75 47.80	-42.19	47.40		V	Extremely weak to very weak, pinkish brown, mottled white, dark brown and grey, completely decomposed medium grained GRANITE. (Very silty fine to coarse SAND with some angular fine to medium gravel)
49									7, 15, 20, 41, 78, 61/25mm (200/250mm)					
50		2.35m at 18:30 2.95m at 08:00	50	0					92 48.30 49.30 49.40					

- Disturbed sample
- Piston sample
- Split spoon sample
- ▨ U76 undisturbed sample
- ▩ U100 undisturbed sample
- ▧ Mazier sample
- SPT liner sample
- ▲ Water sample
- En Environmental Sample
- ▼ Standard penetration test
- ∇ In-situ vane shear test
- ∩ Permeability test
- ∪ Pressuremeter test
- ⊕ Packer Test
- ⊖ Acoustic or optical televiwer survey
- ⊙ Piezometer tip
- ⊕ Standpipe
- ⊖ Inclinator access tube
- ⊙ Vibrating wire piezometer
- ⊕ Impression packer test

**LOGGED** C. W. Lau  
**DATE** 05/06/2012  
**CHECKED** Y. M. Leung  
**DATE** 06/06/2012

**REMARKS**





# DRILLHOLE RECORD

HOLE NO. BH 6

CONTRACT NO. : TC X304

SHEET 6 OF 9

**PROJECT** Term Contract for Ground Investigation and Laboratory Testing for which the Architectural Services Department is Responsible in Hong Kong, Kowloon, New Territories and the Outlying Islands (PWP No. 129ZX)  
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<b>METHOD</b>	Rotary	<b>CO-ORDINATES</b>		<b>W.O.NO.</b>	ASD 011850
<b>MACHINE &amp; NO.</b>	VBM26	E 833981.00	N 820513.66	<b>DATE :</b>	22/05/2012 to 05/06/2012
<b>FLUSHING MEDIUM</b>	Water	<b>ORIENTATION</b>		<b>GROUND LEVEL</b>	+ 5.21 mPD

Drilling Progress	Casing Depth/Size	Water Level (m) Shift start / end	Flush Returns %	TCR %	SCR %	ROD %	FI	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Description
	HW		50						93 50.40 94 50.50				V	See sheet 5 of 9
51								11,18, 29,43,128/30mm (200/180mm)	95 50.78 50.83					
52			50	92					96 51.40					
		2.30m at 18:30							97 52.40 52.50	-47.29	52.50		V	Extremely weak to very weak, pinkish brown, mottled white and dark brown, completely decomposed medium grained GRANITE. (Silty fine to coarse SAND with much angular fine to medium gravel)
		2.95m at 08:00						11,17, 26,36,52,75 N=189	98 52.60 99 52.90 52.95					
53									100 53.40					
54			50	97					101 54.40 102 54.50					
55								10,18, 29,58,113/40mm (200/190mm)	103 54.79 54.84					
56			50	85					104 55.40					
57								10,20, 35,70,95/30mm (200/180mm)	105 56.40 106 56.50					
58			50	87					107 56.78 56.83					
59		2.40m at 18:30						15,25, 70,85,45/20mm (200/170mm)	108 57.40					
		2.95m at 08:00							109 58.40 110 58.50					
60			50	87					111 58.77 58.82					
									112 59.40					

●	Disturbed sample	▽	Standard penetration test
■	Piston sample	▽	In-situ vane shear test
▨	Split spoon sample	▽	Permeability test
▧	U76 undisturbed sample	▽	Pressuremeter test
▩	U100 undisturbed sample	▽	Packer Test
▫	Mazier sample	▽	Acoustic or optical televiwer survey
▬	SPT liner sample	▽	Piezometer tip
▲	Water sample	▽	Standpipe
En	Environmental Sample	▽	Inclinometer access tube
		▽	Vibrating wire piezometer
		▽	Impression packer test

<b>LOGGED</b>	C. W. Lau
<b>DATE</b>	05/06/2012
<b>CHECKED</b>	Y. M. Leung
<b>DATE</b>	06/06/2012

**REMARKS**



# DRILLHOLE RECORD

HOLE NO. BH 6

CONTRACT NO. : TC X304

SHEET 7 OF 9

**PROJECT**

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**METHOD**

Rotary

**CO-ORDINATES**

**W.O.NO.**

ASD 011850

**MACHINE & NO.**

VBM26

E 833981.00

N 820513.66

**DATE :**

22/05/2012 to 05/06/2012

**FLUSHING MEDIUM**

Water

**ORIENTATION**

Vertical

**GROUND LEVEL**

+ 5.21 mPD

Drilling Progress	Casing Depth/Size	Water Level (m) Shift start / end	Flush Returns %	TCR %	SCR %	RQD %	FI	Tests	Samples No. Type Depth	Reduced Level -54.79	Depth (m) 60.00	Legend	Grade	Description
	HW		50						113 60.40 114 60.50 115 60.78 115 60.83				V	See sheet 6 of 9
								116 61.60						
								117 62.72						
								118 63.60						
								119 64.71						
	HW 65.00 NW	2.80m at 18:30 2.95m at 08:00						120 65.60						
								121 66.73						
								122 67.60		-62.29	67.50		V	Extremely weak to very weak, pinkish brown, mottled white and dark brown, completely decomposed medium to coarse grained GRANITE. (Silty clayey fine to coarse SAND with much angular fine to medium gravel)
								123 68.74						
								124 69.60						
		2.90m at 18:30 2.95m at 08:00												

<ul style="list-style-type: none"> <li>● Disturbed sample</li> <li>▢ Piston sample</li> <li>▨ Split spoon sample</li> <li>▧ U76 undisturbed sample</li> <li>▩ U100 undisturbed sample</li> <li>▤ Mazier sample</li> <li>□ SPT liner sample</li> <li>▲ Water sample</li> <li>En Environmental Sample</li> </ul>	<ul style="list-style-type: none"> <li>↓ Standard penetration test</li> <li>∇ In-situ vane shear test</li> <li>∩ Permeability test</li> <li>∪ Pressuremeter test</li> <li>⊕ Packer Test</li> <li>∞ Acoustic or optical televiwer survey</li> <li>⊙ Piezometer tip</li> <li>⊠ Standpipe</li> <li>⊡ Inclinometer access tube</li> <li>⊢ Vibrating wire piezometer</li> <li>⊣ Impression packer test</li> </ul>	<p><b>LOGGED</b> C. W. Lau</p> <p><b>DATE</b> 05/06/2012</p> <p><b>CHECKED</b> Y. M. Leung</p> <p><b>DATE</b> 06/06/2012</p>	<p><b>REMARKS</b></p>
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# DRILLHOLE RECORD

HOLE NO. BH 6

CONTRACT NO. : TC X304

SHEET 8 OF 9

**PROJECT**

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 Location : West KLN Reclamation Area

**METHOD**

Rotary

**CO-ORDINATES**

**W.O.NO.**

ASD 011850

**MACHINE & NO.**

VBM26

E 833981.00

N 820513.66

DATE : 22/05/2012 to 05/06/2012

**FLUSHING MEDIUM**

Water

**ORIENTATION**

Vertical

**GROUND LEVEL**

+ 5.21 mPD

Drilling Progress	Casing Depth/Size	Water Level (m) Shift start / end	Flush Returns %	TCR %	SCR %	RCD %	FI	Tests	Samples No. Type Depth	Reduced Level -64.79	Depth (m) 70.00	Legend	Grade	Description
	NW												V	See sheet 7 of 9
71								50/55mm, 145,55/20mm (200/95mm)	125 • 70.65					
72									126 ● 71.60	-66.29	71.50		V	Extremely weak to very weak, pinkish brown, mottled grey, white and dark brown, completely decomposed medium to coarse grained GRANITE. (Silty fine to coarse SAND with much angular fine to medium gravel)
73								50/30mm, 178,22/15mm (200/90mm)	127 • 72.62					
74		29.15m at 18:30 04/06/2012 2.95m at 08:00							128 ● 73.60					
75								50/55mm, 200/45mm (200/45mm)	129 • 74.60					
76									130 ● 75.60					From 75.50m to 75.60m : Very weak, highly decomposed GRANITE. (Sandy angular fine to medium GRAVEL)
				50	100	60	43	11.1	TNW	75.85	-70.64	75.85	III	Moderately strong to strong, locally moderately strong, brown, mottled grey and dark grey, moderately decomposed medium to coarse grained GRANITE. Joints are very closely to closely spaced, rough planar and rough stepped, very narrow to narrow, chlorite coated, dipping 10° to 20°, 30° to 40° and subvertically.
				50	100	67	0	>20	TNW	76.15			III	From 76.53m to 76.63m : Moderately weak, highly decomposed GRANITE. (Angular medium to coarse GRAVEL)
								NA					IV	Weak, pinkish brown, mottled grey, highly decomposed medium to coarse grained GRANITE. (Sandy angular fine to medium GRAVEL)
77								50/40mm, 200/20mm (200/20mm)	131 • 76.70 78.78	-71.32 -71.42	76.53 76.63		IV	
78									132 ● 77.80	-74.49	76.76			
79								50/35mm, 200/15mm (200/15mm)	133 • 78.75					
80									134 ● 79.80					

- Disturbed sample
- ▢ Piston sample
- ▤ Split spoon sample
- ▥ U76 undisturbed sample
- ▧ U100 undisturbed sample
- ▨ Mazier sample
- ▩ SPT liner sample
- ▲ Water sample
- En Environmental Sample

- ↓ Standard penetration test
- ↕ In-situ vane shear test
- ⊥ Permeability test
- ⊥ Pressuremeter test
- ⊥ Packer Test
- ⊥ Acoustic or optical televiewer survey
- ⊥ Piezometer tip
- ⊥ Standpipe
- ⊥ Inclinometer access tube
- ⊥ Vibrating wire piezometer
- ⊥ Impression packer test

LOGGED C. W. Lau  
 DATE 05/06/2012  
 CHECKED Y. M. Leung  
 DATE 06/06/2012

**REMARKS**





# DRILLHOLE RECORD

HOLE NO. BH 6

CONTRACT NO. : TC X304

SHEET 9 OF 9

**PROJECT**  
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<b>METHOD</b>	Rotary	<b>CO-ORDINATES</b>		<b>W.O.NO.</b>	ASD 011850
<b>MACHINE &amp; NO.</b>	VBM26	E 833981.00	N 820513.66	<b>DATE :</b>	22/05/2012 to 05/06/2012
<b>FLUSHING MEDIUM</b>	Water	<b>ORIENTATION</b>		<b>GROUND LEVEL</b>	+ 5.21 mPD

Drilling Progress	Casing Depth/Size	Water Level (m) Shift start / end	Flush Returns %	TCR %	SCR %	RQD %	FI	Tests	Samples No. Type Depth	Reduced Level	Depth (m)	Legend	Grade	Description
	NW 80.55									-74.79	80.00		IV	See sheet 8 of 9
B1		2.82m at 18:30	50	100	100	85	>20		TNW	-75.34	80.55	+	II	Strong, pinkish brown, mottled grey, locally dark grey, slightly decomposed medium to coarse grained GRANITE. Joints are closely to medium spaced, locally very closely spaced, rough stepped, very narrow to narrow, calcite and chlorite coated, dipping 10° to 20° and 20° to 30°.
		2.95m at 08:00					3.8							
B2			50	100	100	96	11.3		TNW	-75.93	81.14	+	III	From 81.14m to 81.25m : Moderately strong to strong, moderately decomposed medium to coarse grained GRANITE with very closely spaced joints.
							5.9							
B3			50	100	100	96	11.8		TNW	-76.04	81.25	+	II	From 81.14m to 81.25m : Moderately strong to strong, moderately decomposed medium to coarse grained GRANITE with very closely spaced joints.
							3.5							
B4			50	100	100	86	8.6		TNW	-77.99	83.20	+	III	From 82.15m to 82.60m : With intense microfractures network.
							8.6							
B5			50	100	100	86	4.8		TNW	-79.81	85.02	+	II	From 82.78m to 82.87m : With calcite vein, dipping 20° to 30°.
							7.4							
B6		2.80m at 18:30	50	100	83	41	>20		TNW	-80.06	85.27	+	III	Moderately strong to strong, locally moderately strong, pinkish brown, mottled grey and dark green, moderately decomposed medium to coarse grained GRANITE with intense microfractures network. Joints are very closely to closely spaced, locally medium spaced, rough stepped, very narrow to narrow, calcite and chlorite coated, dipping 0° to 10°, 10° to 20° and 20° to 30°.
							13.3							
B7							5.9		TNW	-80.24	85.45	+	II	From 84.52m to 85.02m : Moderately strong, slightly chloritized.
							>20							
B8														From 85.02m to 85.27m : Strong, slightly decomposed fine grained GRANITE.
B9														From 85.27m to 85.45m : Moderately strong.
B10														From 85.45m to 85.90m : Strong, slightly decomposed GRANITE with microfractures, dipping subvertically.
														End of Investigation Hole at 85.90m.

<ul style="list-style-type: none"> <li>● Disturbed sample</li> <li>○ Piston sample</li> <li>□ Split spoon sample</li> <li>▨ U76 undisturbed sample</li> <li>▩ U100 undisturbed sample</li> <li>▧ Mazier sample</li> <li>□ SPT liner sample</li> <li>▲ Water sample</li> <li>En Environmental Sample</li> </ul>	<ul style="list-style-type: none"> <li>↓ Standard penetration test</li> <li>∇ In-situ vane shear test</li> <li>⊥ Permeability test</li> <li>⊕ Pressuremeter test</li> <li>⊙ Packer Test</li> <li>⊙ Acoustic or optical televiwer survey</li> <li>⊙ Piezometer tip</li> <li>⊙ Standpipe</li> <li>⊙ Inclinator access tube</li> <li>⊙ Vibrating wire piezometer</li> <li>⊙ Impression packer test</li> </ul>	<b>LOGGED</b> C. W. Lau <b>DATE</b> 05/06/2012 <b>CHECKED</b> Y. M. Leung <b>DATE</b> 06/06/2012	<b>REMARKS</b>
--	--	---	----------------

## **Appendix 7-2 Aerial Photograph Review**

Historical Photos (Provided by Lands Department)



Figure 1 Coastal Area before Reclamation in Year 1991 (Photo No. A28859)



Figure 2 Coastal Area during Reclamation in Year 1992 (Photo No. A30405)





Figure 3 Project Site in Year 1995 (Photo No. CN11293)



Figure 4 Project Site in Year 2001 (Photo No. CN30189)



Figure 5 Project Site in Year 2005 (Photo No. CS65358)



Figure 6 Project Site in Year 2010 (Photo No. CS29785)

**Table 1 Summary of Photographs Reviewed**

<b>Photo Date</b>	<b>Photograph Number</b>	<b>Land Uses / Status</b>
29 / 10 / 1991	A28859	Sea
16 / 4 / 1992	A30405	Reclamation
27 / 9 / 1995	CN11293	Cargo handling and vehicle storage
15 / 4 / 2001	CN30189	Cargo handling and vehicle storage
24 / 10 / 2005	CS65358	Public car-park for licensed container vehicles
2 / 11 / 2010	CS29785	Site offices for public projects



## **Appendix 7-3 Correspondence with Local Authorities and Company on Record Request**

Lands Department  
Lands Administration Office  
District Lands Office, Kowloon West  
10/F, Yau Ma Tei Carpark Building  
250 Shanghai Street  
Kowloon

Your Ref:

Our Ref: 12133/389482

Date: 13 June 2012

By Fax and Email  
(Fax No.: 2782 5061)  
(Email: [eskwmk@landsd.gov.hk](mailto:eskwmk@landsd.gov.hk))

Attention: Mr. Alan S. K. HO / ES/MK (DLO/KW)

Dear Sir,

**Consultancy Agreement No. 9AX 034  
Reprovisioning of FEHD Sai Yee Street Vehicle Depot  
at Yen Ming Road, West Kowloon Reclamation Area  
Request for Information – Current and Past Land Uses**

---

We are currently undertaking a development project at the captioned location (as shown in the enclosed location plan) on behalf of Architectural Services Department and preparing an Environmental Impact Assessment (EIA) in accordance with the EIA Study Brief (ESB-245/2012) issued on 25 May 2012.

We initially understand that our Site was previously occupied as carpark and container storage area, whilst currently as CEDD site offices.

In order to facilitate our land contamination assessment for EIA, it would be grateful if the following information could be provided:

- (i) Current and past land uses of the Site detailed with duration; and
- (ii) Reported land contamination issues (eg. chemical / dangerous goods spillage / leakage), if any.

Due to tight programme of the captioned project, it is appreciated if your reply on the above request could be available by 26 June 2012.



We thank you in anticipation for your kind assistance. Should you have any queries, please feel free to contact the undersigned at 2410 3750 or our Mr. Thomas WONG at 2410 3795.

Yours faithfully  
for **Scott Wilson Ltd**

Rodney IP  
Principal Environmental Engineer  
URS/Scott Wilson | Scott Wilson Ltd

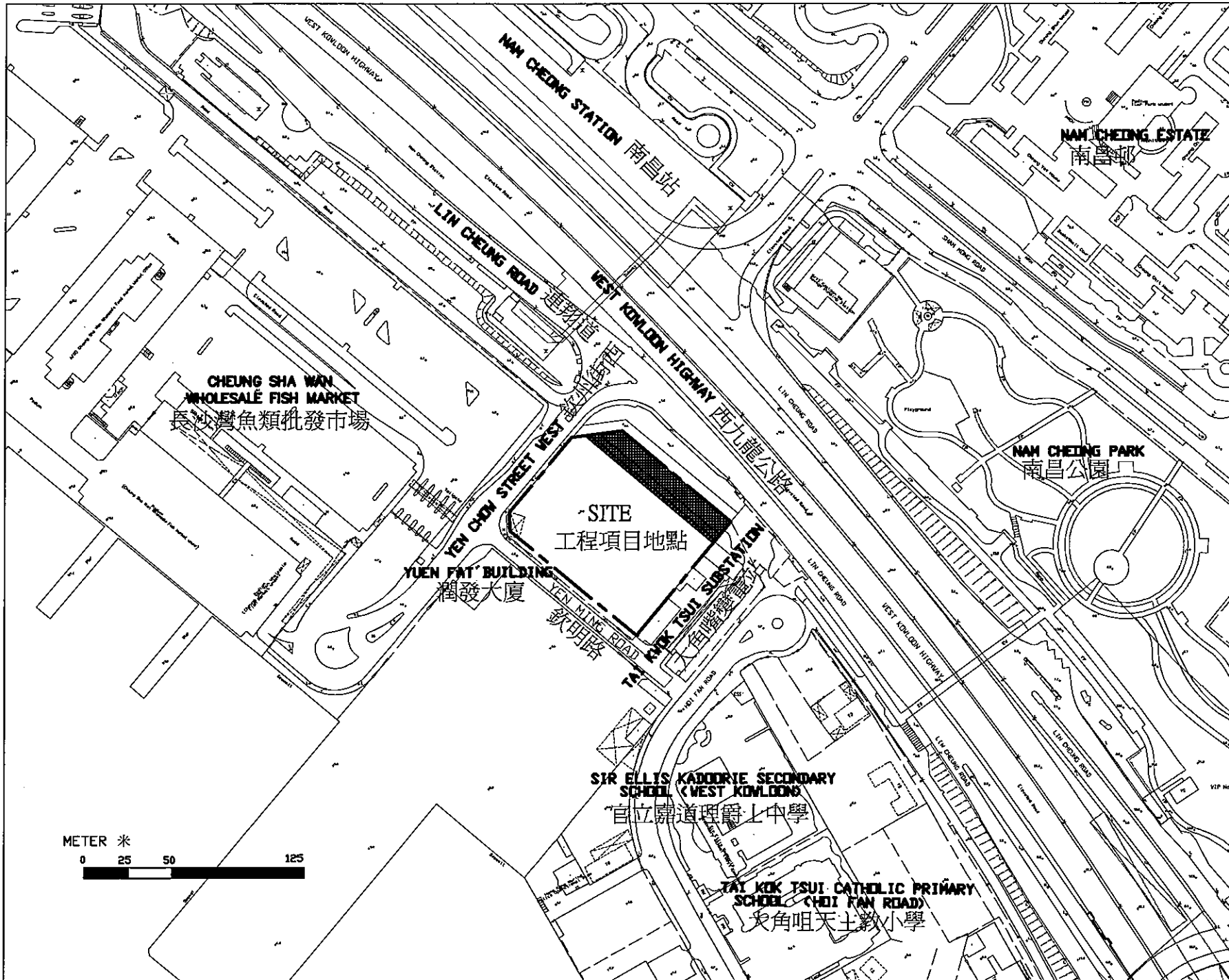
Encl.

FEHD (Attn.: Ms. Lorraine LO / SO(P)4)  
ArchSD (Attn.: Mr. Saadullah SAT / SPM335)  
P&T (Attn.: Ms. Clara PANG / Project Director)

Fax: 3101 0450  
Fax: 2523 9622  
Fax: 2891 3834

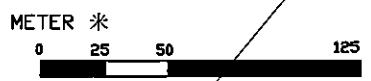
ICWR/TWKW/wwsc





NOTE: 註釋:  
 COORDINATES ARE RELATED TO HONG KONG METRIC GRID 1980.  
 坐標與香港1980年格網坐標有關

LEGEND: 圖例:  
 --- SITE BOUNDARY 工地界線  
 [Hatched Box] UTILITY RESERVE 公用設施保留用地



Rev. 號	Date 日期	Description 描述	Drawn/Checked 繪圖/校核

Department (Project Proponent): 部門(項目主辦):  

 FOOD AND ENVIRONMENTAL HYGIENE DEPARTMENT  
 食物環境衛生署

Department (Professional): 部門(專業人士):  

 ARCHITECTURAL SERVICES DEPARTMENT  
 建築署

Last Architect's Consistency Agreement No. 643/045  
 最後建築師一致性協議編號 045  

 P&T Architects and Engineers Ltd  
 巴得丹建築及工程有限公司

Project Title: 項目名稱:  
 REPROVISIONING OF FIELD ON YEE STREET VEHICLE DEPOT AT YEE SHING ROAD,  
 WEST KOWLOON REDEMPTION AREA  
 在西九龍彌敦道街車房重新規劃及改善環境衛生  
 洗衣街車房

Drawing No.: 圖號:  
 12133/PP/001  
**LOCATION PLAN**  
 位圖

Designed 繪圖	Drawn 繪圖	Checked 校核	Scale 比例
HTK	STCV	JCR	AS SHOWN

Scot Wilson Ltd  
 德信顧問集團有限公司



SWA653401



地政總署  
九龍西區地政處  
DISTRICT LANDS OFFICE,  
KOWLOON WEST  
LANDS DEPARTMENT

我們矢志努力不懈，提供盡善盡美的土地行政服務。  
We strive to achieve excellence in land administration.

九龍上海街二百五十號油麻地停車場大廈十樓  
10TH FLOOR, YAUMATEI CARPARK BUILDING,  
250 SHANGHAI STREET, KOWLOON

網址 Web Site: <http://www.landso.gov.hk>

電話 Tel: 2300 1745  
圖文傳真 Fax: 2782 5061  
電郵地址 Email: [cskwmk@landso.gov.hk](mailto:cskwmk@landso.gov.hk)  
本署檔號 Our Ref: (34) in DLO KW 600/KGS/KW (II)  
來函檔號 Your Ref: 12133/389482

來函請註明本署檔號

Please quote our reference in your reply

**By Fax 2428 9922**

July 2012

URS/Scott Wilson  
Scott Wilson Ltd.  
38/F Metroplaza Tower 1  
223 Hing Fong Road  
Kwai Fong  
Hong Kong

(Attn.: Mr. Rodney IP)

Dear Sir,

**Consultancy Agreement No. 9AX 034  
Reprovisioning of FEHD Sai Yee Street Vehicle Depot  
at Yen Ming Road, West Kowloon Reclamation Area  
Request for Information – Current and Past Land Uses**

I refer to your letter dated 13 June 2012 concerning the above.

According to the record of this office, the land use history of the proposed project site as shown on the plan attached to your above letter is summarized in the attached table for your reference, please. Please note there is no land contamination issue found in our office record.

Yours faithfully,

(Alan HO)

for District Lands Officer, Kowloon West

Encl.

c.c. (w/e)

FEHD (Attn.: Ms. Lorraine LO/SO(P)4)  
ArchSD (Attn.: Mr. Saadullah SAT / SPM335)

(Fax : 3101 0450)

(Fax : 2523 9622)

本信息及其任何附件只供收件人使用，而其中可能載有機密及／或屬法律特權的資料。敬請注意，未經許可，不得擅自披露或使用本信息。倘本信息誤傳給你，請立即通知本署，並刪除或銷毀本信息。本署絕不承擔因使用本信息而引致的任何法律責任。  
This message including any attachment is intended for the use of the addressee only. It may contain information which is confidential and/or legally privileged. You are hereby notified that no unauthorised disclosure or use of this message is permitted. If you have received this message by mistake, please notify us immediately and delete or destroy this message, as appropriate. Any liability arising from the use of this information is excluded.

Ref.: DLO KW 600/KGS/KW (II)

**Current and Past Land Uses**  
***Consultancy Agreement No. 9AX 034***  
***Reprovisioning of FEHD Sai Yee Street Vehicle Depot***  
***at Yen Ming Road, West Kowloon Reclamation Area***

Duration	Nature of Land Grant	Land Use
23.6.2010 to Current	Temporary Government	CEDD's works area (GLA-TK611)
5.5.2010 to Current	Land Allocation	CEDD's works area (GLA-TK628)
28.7.2010 to Current		CEDD's works area (GLA-TK627)
31.12.2008 to 30.12.2009	Short Term Tenancy	(i) a fee-paying public car park for the parking of goods vehicles (with or without trailers attached); or (ii) an open storage of goods (including containers but excluding building materials, scrap metals, material for recycling and offensive goods); or (iii) both (STT No. KX 2627)
31.12.2007 to 30.12.2008	Short Term Tenancy	A fee-paying public car-park for the parking of medium goods vehicles (with trailers attached) and heavy goods vehicles (with or without trailers attached) (STT No. KX2591)
31.12.2004 to 30.12.2007	Short Term Tenancy	A fee-paying public car-park for the parking of licensed container vehicles with or without trailers and tractors attached (STT No. KX 2336)
29.8.2002 to 30.12.2004	Short Term Tenancy	(i) Cargo handling and stuffing and destuffing of containers, the storage of the Tenant's goods (including containers but excluding dangerous goods) and the parking of container vehicles and trailers belonging to the Tenant; or (ii) a fee paying public carpark (STT No. KX2204)



<b>Duration</b>	<b>Nature of Land Grant</b>	<b>Land Use</b>
24.1.2000 to 28.8.2002	Short Term Tenancy	(i) Cargo handling and stuffing and destuffing of containers, the storage of the Tenant's goods including containers but excluding dangerous goods, and the parking of container vehicles and trailers belonging to the Tenant; or (ii) a fee paying public carpark (STT No. KX 2062)
1.6.1995 to 23.1.2000	Short Term Tenancy	Cargo handling and stuffing and destuffing of containers, the storage of Tenant's goods including containers, container vehicles and trailers but excluding dangerous goods (STT No. KX 1881)
1993 to 31.5.1995	Short Term Tenancy	Cargo handling and stuffing and destuffing of containers and storage of Tenant's goods including containers, container vehicles and trailers but excluding dangerous goods (STT No. KX 1817)

Fire Services Department  
Fire Services Headquarters Command  
Management Group  
9/F, Fire Services HQ Building  
1 Hong Chong Road  
Tsim Sha Tsui East  
Kowloon

Your Ref:

Our Ref: 12133/389480

Date: 13 June 2012

By Fax and Email  
(Fax No.: 2739 5879)  
(Email: [hkfsdenq@hkfsd.gov.hk](mailto:hkfsdenq@hkfsd.gov.hk))

Attention: Mr. K. W. WONG / Asst Div Offr  
(Management Group)1

Dear Sir,

**Consultancy Agreement No. 9AX 034  
Reprovisioning of FEHD Sai Yee Street Vehicle Depot  
at Yen Ming Road, West Kowloon Reclamation Area  
Request for Information – Registration of Dangerous Goods Records and Historical  
Records of Dangerous Goods Spillage / Leakage**

---

We are currently undertaking a development project at the captioned location (as shown in the enclosed location plan) on behalf of Architectural Services Department and preparing an Environmental Impact Assessment (EIA) in accordance with the EIA Study Brief (ESB-245/2012) issued on 25 May 2012.

In order to facilitate our land contamination assessment for EIA, it would be grateful the following information at our Site could be provided:

- (i) Current and past registration of dangerous goods records; and
- (ii) Historical records of dangerous goods spillage / leakage.

Due to tight programme of the captioned project, it is appreciated if your reply on the above request could be available by 26 June 2012. A nil return is also required.





We thank you in anticipation for your kind assistance. Should you have any queries, please feel free to contact the undersigned at 2410 3750 or our Mr. Thomas WONG at 2410 3795.

Yours faithfully  
for **Scott Wilson Ltd**

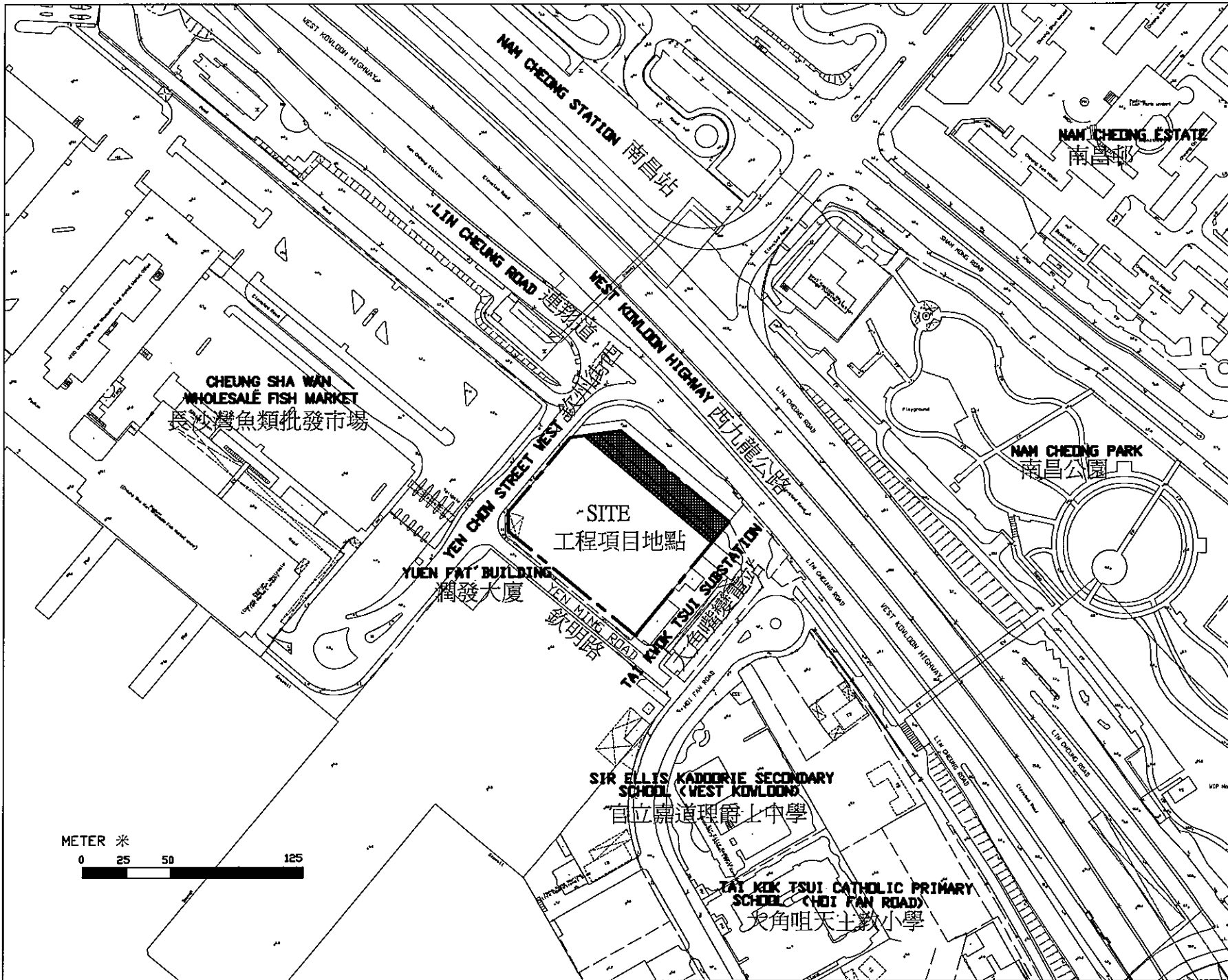
Rodney IP  
Principal Environmental Engineer  
URS/Scott Wilson | Scott Wilson Ltd

Encl.

FEHD (Attn.: Ms. Lorraine LO / SO(P)4)  
ArchSD (Attn.: Mr. Saadullah SAT / SPM335)  
P&T (Attn.: Ms. Clara PANG / Project Director)

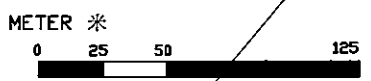
Fax: 3101 0450  
Fax: 2523 9622  
Fax: 2891 3834

ICWR/TWKW/wwsc




NOTE: 注意:  
 COORDINATES ARE RELATED TO HONG KONG  
 METRIC GRID (1980).  
 坐標與香港1980年控制坐標有關

LEGEND: 圖例:  
 SITE BOUNDARY 工地範圍  
 UTILITY RESERVE 公用設施保留區




Rev.	Date	Description	Drawn	Checked
01	08/12/19	Issue for Approval	HTM	AS

Department (Project Proponent) (R/O/NO/APP/MA)  

 FOOD AND ENVIRONMENTAL  
 HYGIENE DEPARTMENT  
 食物環境衞生署

Discipline (Main) (E/P/L/D)  

 ARCHITECTURAL SERVICES  
 DEPARTMENT  
 建築署

Lead Architect/Consultancy Agreement No. (A/C/045)  
 19/2012/001/001/001/001/001  

 P&T  
 Architects and Engineers Ltd  
 巴馬丹拿建築及工程有限公司

Project (Title)  
 REPROVISIONING OF FEHO SA YEE STREET VEHICLE  
 DEPOT AT YEE SAH ROAD,  
 WEST KOWLOON RECLAMATION AREA  
 在西九龍填海區欽明路車房重新配置食物環境衞生署  
 洗衣車車房

Drawing Title (圖名)  
 LOCATION PLAN  
 位置圖

Drawing No.	12133/PP/001			
Designed by	Drawn by	Checked by	Scale	AS 1/2500
HTM	HTM	AS	DATE	DATE

Soilt Wilson Ltd  
 偉信顧問集團有限公司  




SWA477815

消防處  
香港九龍尖沙咀東部康莊道1號  
消防總部大廈



FIRE SERVICES DEPARTMENT  
FIRE SERVICES HEADQUARTERS BUILDING,  
No.1 Hong Chong Road,  
Tsim Sha Tsui East, Kowloon,  
Hong Kong.

本處檔號 **OUR REF.** : (246) in FSD GR 6-5/4 R  
來函檔號 **YOUR REF.** : 12133/389480  
電子郵件 **E-mail** : hkfsdenq@hkfsd.gov.hk  
圖文傳真 **FAX NO.** : 2739 5879  
電話 **TEL NO.** : 2733 7741



22 June 2012

Scott Wilson Ltd  
38<sup>th</sup> Floor, Metroplaza Tower 1,  
223 Hing Fong Road,  
Kwai Fong,  
Hong Kong.  
**(Attn: Mr. Rodney IP, Principal Environmental Engineer)**

PN	
<input checked="" type="checkbox"/> Scanned Ck:	
<input type="checkbox"/> Ready	<input type="checkbox"/> Not Scanned
<input type="checkbox"/> X	<input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C

Dear Mr. IP,

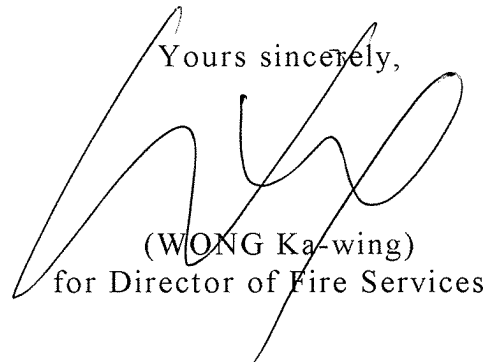
**Reprovisioning of FEHD Sai Yee Street Vehicle Depot at  
Yen Ming Road, West Kowloon Reclamation Area  
Request for Information of Dangerous Goods & Incident Records**

I refer to your letter 13.6.2012 regarding the captioned request.

Please be advised that neither records of dangerous goods license nor incidents of spillage / leakage of dangerous goods were found in connection with the given conditions of your request at the subject location.

Should you have further questions, please feel free to contact Ms. CHAN at 2733 7532.

Yours sincerely,



(WONG Ka-wing)  
for Director of Fire Services





Environmental Protection Department  
Environmental Compliance Division  
Regional Office (East)  
8/F, Cheung Sha Wan Government Offices  
303 Cheung Sha Wan Road  
Kowloon

Your Ref:

Our Ref: 12133/389481

Date: 13 June 2012

By Fax and Email  
(Fax No.: 2402 8275)  
(Email: [johnnywong@epd.gov.hk](mailto:johnnywong@epd.gov.hk))

Attention: Mr. Johnny C. Y. WONG / E(RE)12

Dear Sir,

**Consultancy Agreement No. 9AX 034  
Reprovisioning of FEHD Sai Yee Street Vehicle Depot  
at Yen Ming Road, West Kowloon Reclamation Area  
Request for Information – Records of Registered Chemical Waste Producers and  
Historical Records of Chemical Spillage / Leakage**

---

We are currently undertaking a development project at the captioned location (as shown in the enclosed location plan) on behalf of Architectural Services Department and preparing an Environmental Impact Assessment (EIA) in accordance with the EIA Study Brief (ESB-245/2012) issued on 25 May 2012.

In order to facilitate our land contamination assessment for EIA, it would be grateful the following information at our Site could be provided:

- (i) Current and past records of registered chemical waste producer; and
- (ii) Historical records of chemical spillage / leakage.

Due to tight programme of the captioned project, it is appreciated if your reply on the above request could be available by 26 June 2012. A nil return is also required.

Scott Wilson Ltd  
偉信顧問集團有限公司  
38th Floor, Metroplaza Tower 1  
223 Hing Fong Road  
Kwai Fong, Hong Kong  
Tel: +852 2428 8866  
Fax: +852 2428 9922  
email: [info@scottwilson.com.hk](mailto:info@scottwilson.com.hk)  
[www.urs-scottwilson.com.hk](http://www.urs-scottwilson.com.hk)





We thank you in anticipation for your kind assistance. Should you have any queries, please feel free to contact the undersigned at 2410 3750 or our Mr. Thomas WONG at 2410 3795.

Yours faithfully  
for **Scott Wilson Ltd**

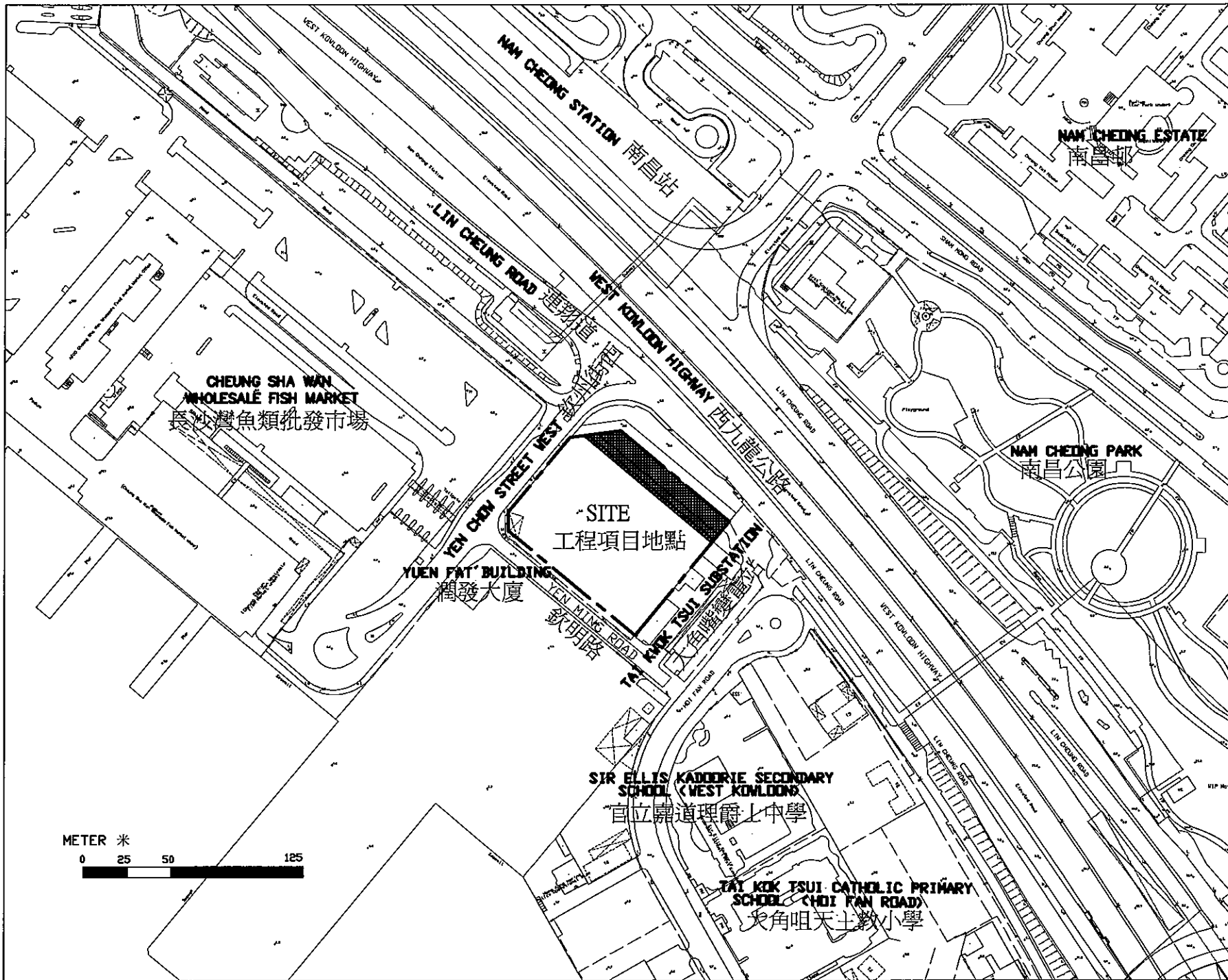
Rodney IP  
Principal Environmental Engineer  
URS/Scott Wilson | Scott Wilson Ltd

Encl.

FEHD (Attn.: Ms. Lorraine LO / SO(P)4)  
ArchSD (Attn.: Mr. Saadullah SAT / SPM335)  
P&T (Attn.: Ms. Clara PANG / Project Director)

Fax: 3101 0450  
Fax: 2523 9622  
Fax: 2891 3834

ICWR/TWKW/wwsc



NOTES 註釋:  
 COORDINATES ARE RELATED TO HONG KONG  
 METRIC GRID SYSTEM.  
 坐標與香港1980力測制坐標有關

LEGEND 圖例:  
 --- SITE BOUNDARY  
 工地地界  
 [Hatched Box] UTILITY RESERVE  
 公用設施保留用地

Rev.	Date	Description	Drawn/Checked
01	12/11/18	Issue for Public Consultation	WY/STW

Department (Project Proponent) 項目主辦部門  
 FOOD AND ENVIRONMENTAL HYGIENE DEPARTMENT  
 食物環境衞生署

Department (Professional) 專業顧問  
 ARCHITECTURAL SERVICES  
 建築署

Lead Architect (Competently Approved No. 54223) 11/11/2012 (AS/2012/01/000004/01/01)  
 P&T  
 Architects and Engineers Ltd  
 畢諾丹建築及工程師有限公司

Project No. 項目編號  
 REPRESENTATION OF FIELD 541 YEE STREET VEHICLE  
 DEPOT AT YEN MIK ROAD,  
 WEST KOWLOON RECLAMATION AREA  
 在西九龍填海區欽明路第541號食物環境衞生署  
 洗衣車房

Drawing No. 圖號  
**LOCATION PLAN**  
 位置圖

Drawing No.	12133/PP/001		
Designed by	Drawn by	Checked by	Scale
STW	STW	STW	AS SHOWN
Approved by	Date	Scale	
HTH	12/11/18	1:1000	DRAFT

Scot Wilson Ltd  
 畢信顧問集團有限公司



本署檔案  
OUR REF: (13) in EP410/M4/1  
來函檔案  
YOUR REF 12133/389481  
電話  
TEL NO: 2150 8020  
圖文傳真  
FAX NO: 2402 8275  
網址  
HOMEPAGE: <http://www.epd.gov.hk/>

Environmental Protection Department  
Environmental Compliance Division  
Regional Office (East)  
8/F., Cheung Sha Wan Government Offices  
303 Cheung Sha Wan Road  
Kowloon



22 June 2012

URS/Scott Wilson / Scott Wilson Ltd.  
38th Floor, Metroplaza Tower 1  
223 Hing Fong Road, Kwai Fong, Hong Kong  
Fax. 2428 9922  
(Attention: Mr. Rodney IP)

Dear Sir,

**Consultancy Agreement No. 9AX 034  
Reprovisioning of FEHD Sai Yee Street Vehicle Depot  
at Yen Ming Road, West Kowloon Reclamation Area  
Request for Information - Records of Registered Chemical Waste Producers and  
Historical Records of Chemical Spillage / Leakage**

I refer to your letter of 13 June 2012 on the subject.

Further to my reply of 18 June 2012 to your request for information on land contamination records within the Site, I would like to supplement that under the Waste Disposal (Chemical Waste) (General) Regulation, the Director of Environmental Protection has maintained a register containing the names of producers of chemical waste, the locations of the premises where the chemical waste is produced and the descriptions of the concerned businesses or activities. The register is open for inspection by the public at the Territory Control Office of this Department on 25/F., Southorn Centre, 130 Hennessy Road, Wan Chai, Hong Kong. The contact person for making appointment is Mr. DO Yuen Tung at 2835 1017.

When you approach the Territory Control Office of this Department for inspecting the register, you may like to note in particular the following record the address of which may overlaps with boundary of the Site as marked on the location plan attached to your letter:

Address where the waste is produced : GLA No. TK611 at Yen Ming Road, Kowloon.

Please also read the attached App. A carefully before inspecting the register.

Yours faithfully,

(Johnny C.Y. WONG)  
for Director of Environmental Protection

**WASTE DISPOSAL (CHEMICAL WASTE) (GENERAL) REGULATION**

App.A

**WASTE PRODUCER REGISTER**

Please read the following notes carefully before inspecting this Register.

1. The Waste Producer Register is prepared under the Waste Disposal (Chemical Waste) (General) Regulation (CWR). It contains a full list of waste producers registered to produce chemical waste under the said regulation.
2. This Register is kept for the public to have access to the information contained therein for the purpose of making representations about the control and regulation of the production, storage, collection and disposal including the treatment, reprocessing and recycling of chemical waste, the licensing and registration of places and persons connected with any such activity, or the protection and safety of the public in relation to any such activity. Any use of the personal data collected therefrom other than for the purpose mentioned above is not allowed and may contravene the Personal Data (Privacy) Ordinance.
3. No photocopy, photograph or scanning of the register is allowed. EPD should provide certified copy of an entry in the register upon payment of the prescribed fee which is \$60, as stated in section 7 (5) of CWR.

**處置（化學廢物）（一般）規例  
廢物產生者登記冊**

在查閱本登記冊前，請細心閱讀以下事項。

1. 本廢物產生者登記冊是根據廢物處置（化學廢物）（一般）規例(規例)所編制。它列出根據上述規例所登記的所有化學廢物產生者。
2. 本登記冊內的資料是供公眾用於申述有關管制及規管化學廢物的產生、貯存、收集及處置（包括處理、再加工、循環再造）、該等活動的地方及人士的發牌及登記、該等活動的公眾的保護及安全。除上述用途外，不得使用本登記冊的個人資料作其他用途，違者可作觸犯《個人資料（私隱）條例》論。
3. 不准影印、攝影及掃描登記冊內任何記項。任何人士根據規例第 7 條第(5)款繳付訂明費用(\$60)後，環保署便會提供在登記冊內有關任何記項的核證副本。

**Entries in the Record of Inspection**

Date of inspection 查閱日期	No. of certified copy required 需要核證副本
Name of requester 提出要求者姓名	
Name of company, if applicable 公司名稱（如適用）	
Signature (Notes read and understood) 簽署（本人已閱讀並明白上述事項的內容）	

本署檔案  
OUR REF : (11) in EP410/M4/1  
來函檔案  
YOUR REF 12133/389481  
電話  
TEL NO : 2150 8020  
圖文傳真  
FAX NO : 2402 8275  
網址  
HOME PAGE : <http://www.epd.gov.hk/>

Environmental Protection Department  
Environmental Compliance Division  
Regional Office (East)  
8/F., Cheung Sha Wan Government Offices  
303 Cheung Sha Wan Road  
Kowloon



SWA477087

環境保護署  
環保法規管理科  
區域辦事處(東)  
九龍長沙灣道303號  
長沙灣政府合署8樓



PN	
<input type="checkbox"/> Scanned Ck: _____	
<input type="checkbox"/> Ready <input type="checkbox"/> Not Scanned	
<input checked="" type="checkbox"/> X <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	



18 June 2012

URS/Scott Wilson / Scott Wilson Ltd.  
38th Floor, Metroplaza Tower 1  
223 Hing Fong Road, Kwai Fong, Hong Kong  
Fax. 2428 9922  
(Attention: Mr. Rodney IP)

Dear Sir,

**Consultancy Agreement No. 9AX 034**  
**Reprovisioning of FEHD Sai Yee Street Vehicle Depot**  
**at Yen Ming Road, West Kowloon Reclamation Area**  
**Request for Information - Records of Registered Chemical Waste Producers and**  
**Historical Records of Chemical Spillage / Leakage**

I refer to your letter of 13 June 2012 on the subject.

Regarding your request for information on land contamination records within the Site, as marked on the location plan attached to your letter, please find our responses as follow.

- (i) As far as this office is concerned, we are not aware of any registration of waste producer<sup>1</sup> under the Waste Disposal (Chemical Waste) (General) Regulation within the Site.
- (ii) As far as this office is concerned, we are not aware of any record of spillage / leakage of chemicals within the Site. However, please be reminded that this information is not exhaustive. You may need to seek further advice from other relevant government departments or parties on this issue.

Thank you for your attention.

Yours faithfully,

(Johnny C.Y. WONG)  
for Director of Environmental Protection

<sup>1</sup> Under the Waste Disposal (Chemical Waste) (General) Regulation, the Director of Environmental Protection has maintained a register containing the names of producers of chemical waste, the locations of the premises where the chemical waste is produced and the descriptions of the concerned businesses or activities. The register is open for inspection by the public at the Territory Control Office of this Department on 25/F., Southorn Centre, 130 Hennessy Road, Wan Chai, H.K. The contact person for making appointment is Mr. DO Yuen Tung at 2835 1017.





17 July 2013

CLP Power Hong Kong Limited  
Centenary Building  
1 To Wah Road  
Jordan, Kowloon

Our Ref. : 12133/414788

Attention: Senior Planning and Design Manager

**BY POST AND EMAIL**  
**([we@clp.com.hk](mailto:we@clp.com.hk))**

Dear Sir,

**URGENT**

**Consultancy Agreement No. 9AX 034  
Reprovisioning of FEHD Sai Yee Street  
Environmental Hygiene Offices-cum-vehicle Depot  
at Yen Ming Road, West Kowloon Reclamation Area  
Request for Information – Registration and Spillage Records on  
Dangerous Goods and Chemical Wastes at Tai Kok Tsui Substation for EIA Study**

---

We are currently undertaking a development project at the captioned location (as shown in the enclosed location plan), which is located at Yen Ming Road, Sham Shui Po next to CLP Tai Kok Tsui Substation operated by your company, on behalf of Architectural Services Department and preparing an Environmental Impact Assessment (EIA) study.

In order to facilitate our land contamination assessment for EIA, it would be grateful if the following information at Tai Kok Tsui Substation could be provided:

- (i) Current and past registration of dangerous goods/ chemical waste records; and
- (ii) Historical records of chemical spillage/ leakage, if any.

Due to tight programme of the captioned project and statutory timeframe of EIA process, it is appreciated if your reply on the above request could be available **by 25 July 2012 (Thursday)**. A nil return is also required.

We thank you in anticipation for your kind assistance. Should you have any queries, please feel free to contact the undersigned at 2410 3795 or our Ms. Fanny Fan at 2410 3748.

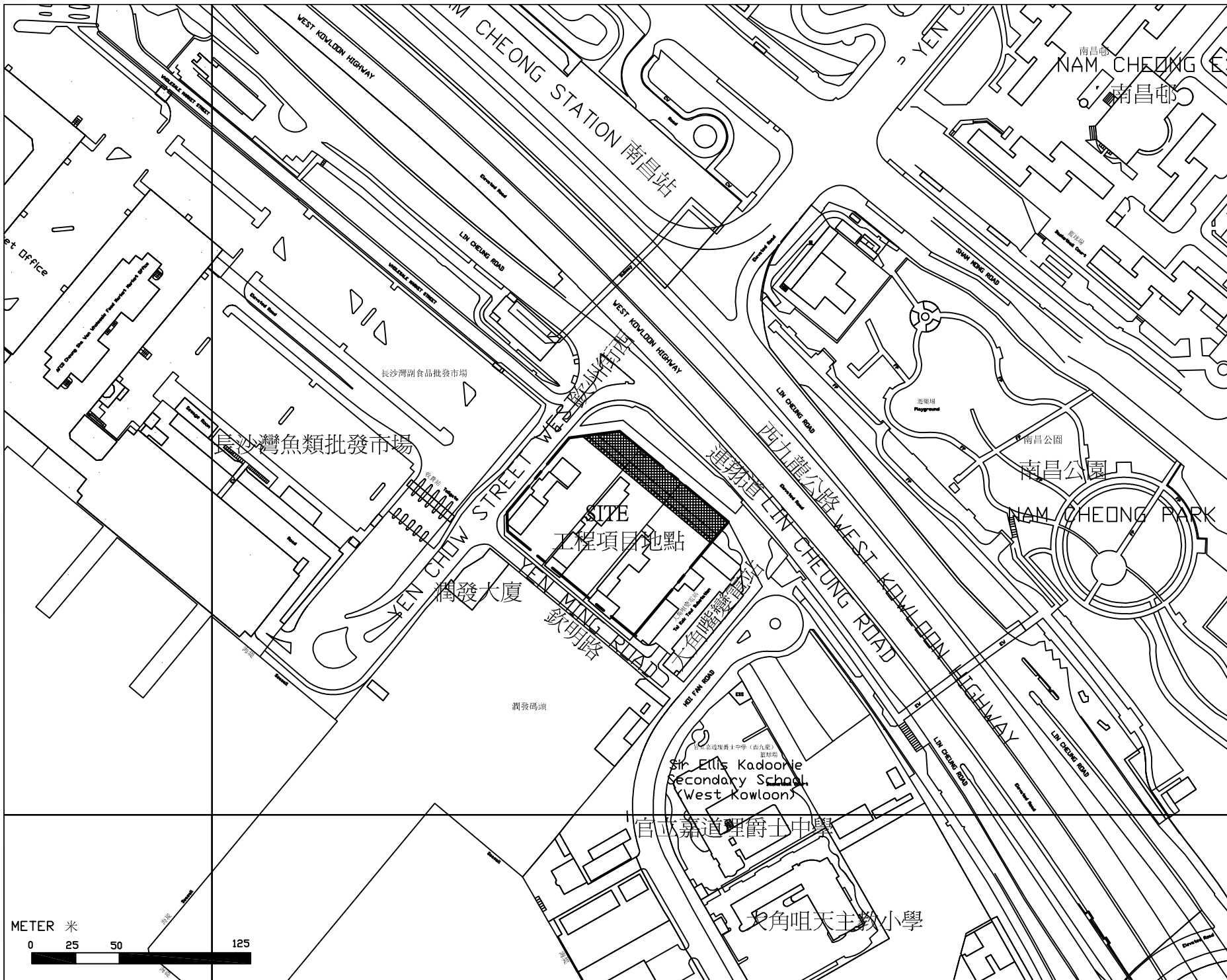
Yours faithfully  
**URS Hong Kong Ltd**

Thomas Wong  
Senior Environmental Engineer

TWKW/wwsc

Encl.

cc FEHD (Attn.: Ms. Lorraine LO / SO(P)4) }  
ArchSD (Attn.: Mr. Saadullah SAT / SPM335) } w/softcopy via email  
P&T (Attn.: Ms. Clara PANG / Project Director) }



NOTE: 註釋:  
 COORDINATES ARE RELATED TO HONG KONG METRIC GRID (1980). 坐標與香港1980方格網坐標相關

LEGEND: 圖例:

- SITE BOUNDARY 工地範圍
- UTILITY RESERVE 公用設施預留用地

Rev. 號次	Date 日期	Description 描述	Drawn 繪圖	Checked 校核
Department (Project Proponent) 部門(項目負責人):				

FOOD AND ENVIRONMENTAL HYGIENE DEPARTMENT  
食物環境衛生署

Department (Contractor) 部門(合約人):

ARCHITECTURAL SERVICES DEPARTMENT  
建築署

Lead Architect (Consultancy Agreement No. 98X 024) 建築顧問(合約編號) (合約編號):

P&T Architects and Engineers Ltd  
巴馬丹拿建築及工程師有限公司

Project Title 項目名稱:  
 REPROVISIONING OF FEND SAI YEE STREET ENVIRONMENTAL HYGIENE OFFICES-VEHICLE DEPOT AT YEN MING ROAD, WEST KOWLOON RECLAMATION AREA  
 在西九龍填海區欽明路重新配置食物環境衛生署流交食物環境衛生署辦事處

Drawing Title 圖名:

SITE LAYOUT PLAN  
位置圖

Drawing No. 圖號		Figure 2-1 圖2-1	
Designer 繪圖	Drawn 繪圖	Checked 校核	Scale 比例
Approved 校核	Date 日期	Status 狀態	AS SHOWN
HTM	JUN 2013	FINAL	

URS Hong Kong Ltd



---

**From:** Hui, Wah Fu [<mailto:wfh07812@clp.com.hk>]

**Sent:** 25 July 2013 08:33

**To:** Wong, Thomas

**Cc:** Chung, Yiu Man

**Subject:** RE: 9AX 034 (182GK) - Request for Registration and Spillage Records on Dangerous Goods and Chemical Wastes at Tai Kok Tsui Substation

Dear Mr. Wong,

Thanks for the enquiry regarding the captioned subject.

Please be informed that we don't have any record about the registration of dangerous goods/ chemical waste and chemical spillage/ leakage at Tai Kok Tsui Substation.

Regards,

WF

CLP Power Hong Kong Limited

East & West Region / Maintenance Branch

Tel 2678 1562

---

**From:** Wong, Thomas [<mailto:thomas.wong@urs.com>]

**Sent:** Wednesday, 17 July, 2013 15:57

**To:** East & West Region

**Cc:** [fylo@fehd.gov.hk](mailto:fylo@fehd.gov.hk); [vypleung@fehd.gov.hk](mailto:vypleung@fehd.gov.hk); [satshs@archsd.gov.hk](mailto:satshs@archsd.gov.hk); [lukty@archsd.gov.hk](mailto:lukty@archsd.gov.hk); 4710; HK - USW-ENV  
Sai Yee Street vehicle depot

**Subject:** 9AX 034 (182GK) - Request for Registration and Spillage Records on Dangerous Goods and Chemical Wastes at Tai Kok Tsui Substation

**Importance:** High

Dear Senior Planning and Design Manager,

**Consultancy Agreement No. 9AX 034**

**Reprovisioning of FEHD Sai Yee Street Environmental Hygiene Offices-cum-vehicle Depot at Yen Ming Road, West Kowloon Reclamation Area**

**Request for Information – Registration and Spillage Records on Dangerous Goods and Chemical Wastes at Tai Kok Tsui Substation for EIA Study**

---

We are currently undertaking a development project at the captioned location (as shown in the enclosed location plan), which is located at Yen Ming Road, Sham Shui Po next to CLP Tai Kok Tsui Substation operated by your company, on behalf of Architectural Services Department and preparing an Environmental Impact Assessment (EIA) study.

In order to facilitate our land contamination assessment for EIA, it would be grateful if the following information at Tai Kok Tsui Substation could be provided:

- (i) Current and past registration of dangerous goods/ chemical waste records; and
- (ii) Historical records of chemical spillage/ leakage, if any.

Due to tight programme of the captioned project and statutory timeframe of EIA process, it is appreciated if your reply on the above request could be available **by 25 July 2012 (Thursday)**. A nil return is also required.

To facilitate direct transmission of the above request, please find the enclosed scanned duly signed letter. We thank you in anticipation for your kind assistance. Should you have any queries, please feel free to contact the undersigned at 2410 3795 or our Ms. Fanny Fan at 2410 3748.

**Thomas Wong**

Senior Environmental Engineer

URS Hong Kong Limited

38th Floor, Metroplaza Tower 1, 223 Hing Fong Road, Kwai Fong, Hong Kong



Tel: +852 2428 8866  
Direct: +852 2410 3795  
Fax: +852 2428 9922  
[thomas.wong@urs.com](mailto:thomas.wong@urs.com)  
[www.ursglobal.com](http://www.ursglobal.com)

**With effect from 15 April 2013, Scott Wilson Ltd has rebranded as URS Hong Kong Ltd. Please update your address book with my new email address as shown above.**

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<http://www.clpgroup.com>

## **Appendix 7-4 Site Walkover Checklists**

## Site Walkover Checklist

### GENERAL SITE DETAILS

SITE OWNER/CLIENT Civil Engineering and Development Department

PROPERTY ADDRESS GLA TK-628

Junction of Yen Ming Road and Yen Chow Street West,

West Kowloon Reclamation

### PERSON CONDUCTING THE QUESTIONNAIRE

NAME Thomas Wong

POSITION Senior Environmental Engineer

### AUTHORIZED OWNER/CLIENT REPRESENTATIVE (IF APPLICABLE)

NAME Dennis Lau

POSITION Resident Engineer of AECOM

TELEPHONE 9738 4702

### SITE ACTIVITIES

Briefly describe activities carried out on site, including types of products/chemicals/materials handled.  
**Obtain a flow schematic if possible.**

Number of employees: Full-time: 15

Part-time: /

Temporary/Seasonal: /

Maximum no. of people on site at any time: 15

Typical hours of operation: 07:00- 22:00

Number of shifts: N/A

Days per week: 6 days

Weeks per year: /

Scheduled plant shut-down: N/A

Detail the main sources of energy at the site:

Gas	Yes/ <input checked="" type="radio"/> No
Electricity	<input checked="" type="radio"/> Yes/No
Coal	Yes/ <input checked="" type="radio"/> No
Oil	Yes/ <input checked="" type="radio"/> No
Other	Yes/ <input checked="" type="radio"/> No

### **SITE DESCRIPTION**

This section is intended to gather information on site setting and environmental receptors on, adjacent or close to the site.

What is the total site area: about 2,800 sq.m

What area of the site is covered by buildings (%): about 20%

Please list all current and previous owners/occupiers if possible. Current uses are site office  
and associated storage area

Is a site plan available? If yes, please attach. Yes/No

Are there any other parties on site as tenants or sub-tenants? Yes/No

If yes, identify those parties: New Concept Engineering Development Limited

Describe surrounding land use (residential, industrial, rural, etc.) and identify neighbouring facilities and types of industry.

North: Yen Chow Street West

South: GE/2010/04 of GLA TK-627

East: Lin Cheung Road

West: Yen Ming Road



## Site Walkover Checklist

Describe the topography of the area (flat terrain, rolling hills, mountains, by a large body of water, vegetation, etc.).

### Reclaimed land with flat terrain

State the size and location of the nearest residential communities.

### Nam Cheong Estate (250m far away) consisting of 7 blocks (~15 storeys)

Are there any sensitive habitats nearby, such as nature reserves, parks, wetlands or sites of special scientific interest?

No

### Questionnaire with Existing/Previous Site Owner or Occupier

	Yes/No	Notes
1. What are the main activities/operations at the above address?		Site office and associated storage area
2. How long have you been occupying the site?		Since 10 May 2010
3. Were you the first occupant on site? (If yes, what was the usage of the site prior to occupancy.)	No	
4. Prior to your occupancy, who occupied the site?		No Information as it was a vacant land before handover
5. What were the main activities/operations during their occupancy?		
6. Have there been any major changes in operations carried out at the site in the last 10 years?		
7. Have any polluting activities been carried out in the vicinity of the site in the past?		
8. To the best of your knowledge, has the site ever been used as a petrol filling station/car service garage?		
9. Are there any boreholes/wells or natural springs either on the site or in the surrounding area?		
10. Do you have any registered hazardous installations as defined under relevant ordinances? (If yes, please provide details.)	No	
11. Are any chemicals used in your daily operations? (If yes, please provide details.)	Yes	Diesel
• Where do you store these chemicals?		Outdoor bund
12. Material inventory lists, including quantities and locations available? (If yes, how often are these inventories updated?)	No	
13. Has the facility produced a separate hazardous substance inventory?	No	
14. Have there ever been any incidents or accidents (e.g. spills, fires, injuries, etc.) involving any of these materials? (If yes, please provide details.)	No	No Information

	Yes/No	Notes
15. How are materials received (e.g. rail, truck, etc.) and stored on site (e.g. drums, tanks, carboys, bags, silos, cisterns, vaults and cylinders)?		Received by truck. Stored in drums
16. Do you have any underground storage tanks? (If yes, please provide details.)	No	
• How many underground storage tanks do you have on site?	/	
• What are the tanks constructed of?	/	
• What are the contents of these tanks?	/	
• Are the pipelines above or below ground?	/	
• If the pipelines are below ground, has any leak and integrity testing been performed?	/	
• Have there been any spills associated with these tanks?	/	
17. Are there any disused underground storage tanks?		No Information
18. Do you have regular check for any spillage and monitoring of chemicals handled? (If yes, please provide details.)		No Information
19. How are the wastes disposed of?		General Refuse
20. Have you ever received any notices of violation of environmental regulations or received public complaints? (If yes, please provide details.)	No	Public complaints for - Condensate water of air conditioners - Vehicle washwater (April and May 2012)
21. Have any spills occurred on site? (If yes, please provide details.)	No	
• When did the spill occur?	/	
• What were the substances spilled?	/	
• What was the quantity of material spilled?	/	
• Did you notify the relevant departments of the spill?	/	
• What were the actions taken to clean up the spill?	/	
• What were the areas affected?	/	
22. Do you have any records of major renovation of your site or re-arrangement of underground utilities, pipe work/underground tanks (If yes, please provide details.)	No	
23. Have disused underground tanks been removed or otherwise secured (e.g. concrete, sand, etc.)?	N/A	
24. Are there any known contaminations on site? (If yes, please provide details.)	No	
25. Has the site ever been remediated? (If yes, please provide details.)		No Information

## Site Walkover Checklist

### Observations

	Yes/No	Notes
1. Are chemical storage areas provided with secondary containment (i.e. bund walls and floors)?	Yes	With trays/ basin underneath
2. What are the conditions of the bund walls and floors?		Acceptable
3. Are any surface water drains located near to drum storage and unloading areas?	Yes	
4. Are any solid or liquid waste (other than wastewater) generated at the site? (If yes, please provide details.)	Yes	General refuse
5. Is there a storage site for the wastes?	No	
6. Is there an on-site landfill?	No	
7. Were any stressed vegetation noted on site during the site reconnaissance? (If yes, please indicate location and approximate size.)	No	
8. Were any stained surfaces noted on-site during the site reconnaissance? (If yes, please provide details.)	Yes	2 small pieces of stained ground with asphalt and concrete paving underneath
9. Are there any potential off-site sources of contamination?	No	
10. Does the site have any equipment which might contain polychlorinated biphenyls (PCBs)?	No	
11. Are there any sumps, effluent pits, interceptors or lagoons on site?	No	
12. Any noticeable odours during site walkover?	No	
13. Are any of the following chemicals used on site: fuels, lubricating oils, hydraulic fluids, cleaning solvents, used chemical solutions, acids, anti-corrosive paints, thinners, coal, ash, oily tanks and bilge sludge, metal wastes, wood preservatives and polyurethane foam?	Yes	Fuels

## Site Walkover Checklist

### GENERAL SITE DETAILS

SITE OWNER/CLIENT Civil Engineering and Development Department

PROPERTY ADDRESS GLA TK-611

Junction of Yen Ming Road and Yen Chow Street West,

West Kowloon Reclamation

#### PERSON CONDUCTING THE QUESTIONNAIRE

NAME Thomas Wong

POSITION Senior Environmental Engineer

#### AUTHORIZED OWNER/CLIENT REPRESENTATIVE (IF APPLICABLE)

NAME Jason H.Y. Wong

POSITION Engr / Works 2 of LPM3, GEO, CEDD

TELEPHONE 2762 5159

### SITE ACTIVITIES

Briefly describe activities carried out on site, including types of products/chemicals/materials handled.  
**Obtain a flow schematic if possible.**

Number of employees: Full-time: 20

Part-time: /

Temporary/Seasonal: /

Maximum no. of people on site at any time: 20

Typical hours of operation: 08:00-19:00

Number of shifts: 1 with guard at night

Days per week: 6

Weeks per year: /

Scheduled plant shut-down: N/A



Detail the main sources of energy at the site:

Gas	Yes/ <input checked="" type="radio"/> No
Electricity	<input checked="" type="radio"/> Yes/No
Coal	Yes/ <input checked="" type="radio"/> No
Oil	Yes/ <input checked="" type="radio"/> No
Other	Yes/ <input checked="" type="radio"/> No

### **SITE DESCRIPTION**

This section is intended to gather information on site setting and environmental receptors on, adjacent or close to the site.

What is the total site area: about 3,000 sq.m

What area of the site is covered by buildings (%): about 20%

Please list all current and previous owners/occupiers if possible. Current uses are site office and associated storage area

Is a site plan available? If yes, please attach. Yes/No

Are there any other parties on site as tenants or sub-tenants? Yes/No

If yes, identify those parties: CWF Piling & Civil Engineering Co. Ltd. (Main Contractor) and Wai Yip Eng. Co. (Sub Contractor)

Describe surrounding land use (residential, industrial, rural, etc.) and identify neighbouring facilities and types of industry.

North: GE/2010/04 of GLA TK-627

South: Tai Kok Tsui CLP Electric Substation

East: Lin Cheung Road

West: Yen Ming Road

## Site Walkover Checklist

Describe the topography of the area (flat terrain, rolling hills, mountains, by a large body of water, vegetation, etc.).

### Reclaimed land with flat terrain

State the size and location of the nearest residential communities.

### Nam Cheong Estate (250m far away) consisting of 7 blocks (~15 storeys)

Are there any sensitive habitats nearby, such as nature reserves, parks, wetlands or sites of special scientific interest?

No

### Questionnaire with Existing/Previous Site Owner or Occupier

	Yes/No	Notes
1. What are the main activities/operations at the above address?		Site office and associated storage area
2. How long have you been occupying the site?		Since September 2010
3. Were you the first occupant on site? (If yes, what was the usage of the site prior to occupancy.)	No	
4. Prior to your occupancy, who occupied the site?		No Information as it was a vacant land before handover
5. What were the main activities/operations during their occupancy?		
6. Have there been any major changes in operations carried out at the site in the last 10 years?		
7. Have any polluting activities been carried out in the vicinity of the site in the past?		
8. To the best of your knowledge, has the site ever been used as a petrol filling station/car service garage?		
9. Are there any boreholes/wells or natural springs either on the site or in the surrounding area?		
10. Do you have any registered hazardous installations as defined under relevant ordinances? (If yes, please provide details.)	No	
11. Are any chemicals used in your daily operations? (If yes, please provide details.)	Yes	Small amount of lubricants, diesel, batteries and paints
• Where do you store these chemicals?		Covered drums
12. Material inventory lists, including quantities and locations available? (If yes, how often are these inventories updated?)	No	
13. Has the facility produced a separate hazardous substance inventory?	No	
14. Have there ever been any incidents or accidents (e.g. spills, fires, injuries, etc.) involving any of these materials? (If yes, please provide details.)	No	Minor rainwater with trace diesel overflow from drip tray of generator during GI due to heavy rain. Cleared immediately. Location refer to attached Figure 1.

	Yes/No	Notes
15. How are materials received (e.g. rail, truck, etc.) and stored on site (e.g. drums, tanks, carboys, bags, silos, cisterns, vaults and cylinders)?		Received by truck. Stored in drums (e.g lubricant) and bags (solid/powder)
16. Do you have any underground storage tanks? (If yes, please provide details.)	No	
• How many underground storage tanks do you have on site?	/	
• What are the tanks constructed of?	/	
• What are the contents of these tanks?	/	
• Are the pipelines above or below ground?	/	
• If the pipelines are below ground, has any leak and integrity testing been performed?	/	
• Have there been any spills associated with these tanks?	/	
17. Are there any disused underground storage tanks?		No information
18. Do you have regular check for any spillage and monitoring of chemicals handled? (If yes, please provide details.)		No information
19. How are the wastes disposed of?		C&D waste to sorting facility/ landfill, chemical wastes and general refuse by licensed collectors
20. Have you ever received any notices of violation of environmental regulations or received public complaints? (If yes, please provide details.)	No	
21. Have any spills occurred on site? (If yes, please provide details.)	Yes	Once only but trace
• When did the spill occur?		2012
• What were the substances spilled?		Diesel
• What was the quantity of material spilled?		Trace
• Did you notify the relevant departments of the spill?		No
• What were the actions taken to clean up the spill?		Removed spilled diesel immediately
• What were the areas affected?		Already cleaned immediately
22. Do you have any records of major renovation of your site or re-arrangement of underground utilities, pipe work/underground tanks (If yes, please provide details.)	No	
23. Have disused underground tanks been removed or otherwise secured (e.g. concrete, sand, etc.)?	N/A	As no underground tanks
24. Are there any known contaminations on site? (If yes, please provide details.)	No	
25. Has the site ever been remediated? (If yes, please provide details.)		No information

## Site Walkover Checklist

### Observations

	Yes/No	Notes
1. Are chemical storage areas provided with secondary containment (i.e. bund walls and floors)?	Yes	With trays/ basin underneath
2. What are the conditions of the bund walls and floors?	Yes	Acceptable
3. Are any surface water drains located near to drum storage and unloading areas?	Yes	
4. Are any solid or liquid waste (other than wastewater) generated at the site? (If yes, please provide details.)	Yes	Chemical wastes, scrap metal and general refuse
5. Is there a storage site for the wastes?	Yes	A designated fenced area for chemical waste storage
6. Is there an on-site landfill?	No	
7. Were any stressed vegetation noted on site during the site reconnaissance? (If yes, please indicate location and approximate size.)	No	
8. Were any stained surfaces noted on-site during the site reconnaissance? (If yes, please provide details.)	No	
9. Are there any potential off-site sources of contamination?	No	
10. Does the site have any equipment which might contain polychlorinated biphenyls (PCBs)?	No	
11. Are there any sumps, effluent pits, interceptors or lagoons on site?	No	
12. Any noticeable odours during site walkover?	No	
13. Are any of the following chemicals used on site: fuels, lubricating oils, hydraulic fluids, cleaning solvents, used chemical solutions, acids, anti-corrosive paints, thinners, coal, ash, oily tanks and bilge sludge, metal wastes, wood preservatives and polyurethane foam?	Yes	Fuels, lubricating oils, cleaning solvents, used chemical solutions, paints and metal wastes



# GE/2009/02 DEPOT LAYOUT PLAN

\* \*\*\*\*\* CHAIN LINK FENCE

PLANTS AND MATERIAL STORAGE AREA

G.L.A. - TK 627

CONTRACTOR'S SITE OFFICE

PANTRY

TOILET

CARDARK SHELTER

ENGINEER'S PRINCIPLE SITE OFFICE

DEPOT ENTRANCE

Overflow of rainwater with trace diesel from drip tray of G.I. Contractor

ENGINEER'S TYPE A SITE OFFICE

SITE OFFICE FOR SECURITY/GUARD

K.I.L. 11142

Substation

M.T.R.L. 1 RP

G.L.

+5.4

5.4

5.6

+4.9

+5.2

## Site Walkover Checklist

### GENERAL SITE DETAILS

SITE OWNER/CLIENT Civil Engineering and Development Department

PROPERTY ADDRESS GLA TK-627

Junction of Yen Ming Road and Yen Chow Street West,

West Kowloon Reclamation

#### PERSON CONDUCTING THE QUESTIONNAIRE

NAME Thomas Wong

POSITION Senior Environmental Engineer

#### AUTHORIZED OWNER/CLIENT REPRESENTATIVE (IF APPLICABLE)

NAME Victor Ho

POSITION Resident Engineer of Furgo

TELEPHONE 2708 2978

### SITE ACTIVITIES

Briefly describe activities carried out on site, including types of products/chemicals/materials handled.  
**Obtain a flow schematic if possible.**

Number of employees: Full-time: 15

Part-time: /

Temporary/Seasonal: /

Maximum no. of people on site at any time: 15

Typical hours of operation: 08:00-18:00

Number of shifts: N/A

Days per week: 6 days

Weeks per year: /

Scheduled plant shut-down: N/A

Detail the main sources of energy at the site:

Gas	Yes/ <input checked="" type="radio"/> No
Electricity	<input checked="" type="radio"/> Yes/No
Coal	Yes/ <input checked="" type="radio"/> No
Oil	Yes/ <input checked="" type="radio"/> No
Other	Yes/ <input checked="" type="radio"/> No

### **SITE DESCRIPTION**

This section is intended to gather information on site setting and environmental receptors on, adjacent or close to the site.

What is the total site area: about 2700 sq.m

What area of the site is covered by buildings (%): about 30%

Please list all current and previous owners/occupiers if possible. Current uses are site office  
and associated storage area

Is a site plan available? If yes, please attach. Yes/No

Are there any other parties on site as tenants or sub-tenants? Yes/No

If yes, identify those parties: Geotech Engineering Co. Ltd. (Main Contractor)

Describe surrounding land use (residential, industrial, rural, etc.) and identify neighbouring facilities and types of industry.

North: GE/2009/21 of GLA TK-628

South: GE/2009/02 of GLA TK-611

East: Lin Cheung Road

West: Yen Ming Road

## Site Walkover Checklist

Describe the topography of the area (flat terrain, rolling hills, mountains, by a large body of water, vegetation, etc.).

### Reclaimed land with flat terrain

State the size and location of the nearest residential communities.

### Nam Cheong Estate (250m far away) consisting of 7 blocks (~15 storeys)

Are there any sensitive habitats nearby, such as nature reserves, parks, wetlands or sites of special scientific interest?

No

### Questionnaire with Existing/Previous Site Owner or Occupier

	Yes/No	Notes
1. What are the main activities/operations at the above address?		Site office and associated storage area
2. How long have you been occupying the site?		Since July 2010
3. Were you the first occupant on site? (If yes, what was the usage of the site prior to occupancy.)	No	
4. Prior to your occupancy, who occupied the site?		No Information as it was a vacant land before handover
5. What were the main activities/operations during their occupancy?		
6. Have there been any major changes in operations carried out at the site in the last 10 years?		
7. Have any polluting activities been carried out in the vicinity of the site in the past?		
8. To the best of your knowledge, has the site ever been used as a petrol filling station/car service garage?		
9. Are there any boreholes/wells or natural springs either on the site or in the surrounding area?		
10. Do you have any registered hazardous installations as defined under relevant ordinances? (If yes, please provide details.)	No	
11. Are any chemicals used in your daily operations? (If yes, please provide details.)	No	No chemical storage
• Where do you store these chemicals?		
12. Material inventory lists, including quantities and locations available? (If yes, how often are these inventories updated?)	No	
13. Has the facility produced a separate hazardous substance inventory?	No	
14. Have there ever been any incidents or accidents (e.g. spills, fires, injuries, etc.) involving any of these materials? (If yes, please provide details.)		No Information



	Yes/No	Notes
15. How are materials received (e.g. rail, truck, etc.) and stored on site (e.g. drums, tanks, carboys, bags, silos, cisterns, vaults and cylinders)?		Received by truck. Stored in drums and bags
16. Do you have any underground storage tanks? (If yes, please provide details.)	No	
• How many underground storage tanks do you have on site?	/	
• What are the tanks constructed of?	/	
• What are the contents of these tanks?	/	
• Are the pipelines above or below ground?	/	
• If the pipelines are below ground, has any leak and integrity testing been performed?	/	
• Have there been any spills associated with these tanks?	/	
17. Are there any disused underground storage tanks?		No information
18. Do you have regular check for any spillage and monitoring of chemicals handled? (If yes, please provide details.)	N/A	As no chemical storage
19. How are the wastes disposed of?		General refuse (collected by licensed collector), no C&D Waste
20. Have you ever received any notices of violation of environmental regulations or received public complaints? (If yes, please provide details.)	No	
21. Have any spills occurred on site? (If yes, please provide details.)		No information
• When did the spill occur?	/	
• What were the substances spilled?	/	
• What was the quantity of material spilled?	/	
• Did you notify the relevant departments of the spill?	/	
• What were the actions taken to clean up the spill?	/	
• What were the areas affected?	/	
22. Do you have any records of major renovation of your site or re-arrangement of underground utilities, pipe work/underground tanks (If yes, please provide details.)	No	No alternation
23. Have disused underground tanks been removed or otherwise secured (e.g. concrete, sand, etc.)?	N/A	No underground tank
24. Are there any known contaminations on site? (If yes, please provide details.)	No	
25. Has the site ever been remediated? (If yes, please provide details.)		No information

## Site Walkover Checklist

### Observations

	Yes/No	Notes
1. Are chemical storage areas provided with secondary containment (i.e. bund walls and floors)?	N/A	No chemical storage area
2. What are the conditions of the bund walls and floors?	N/A	No chemical storage area
3. Are any surface water drains located near to drum storage and unloading areas?	No	
4. Are any solid or liquid waste (other than wastewater) generated at the site? (If yes, please provide details.)	Yes	General refuse
5. Is there a storage site for the wastes?	Yes	
6. Is there an on-site landfill?	No	
7. Were any stressed vegetation noted on site during the site reconnaissance? (If yes, please indicate location and approximate size.)	No	
8. Were any stained surfaces noted on-site during the site reconnaissance? (If yes, please provide details.)	No	
9. Are there any potential off-site sources of contamination?	No	
10. Does the site have any equipment which might contain polychlorinated biphenyls (PCBs)?	No	
11. Are there any sumps, effluent pits, interceptors or lagoons on site?	No	
12. Any noticeable odours during site walkover?	No	
13. Are any of the following chemicals used on site: fuels, lubricating oils, hydraulic fluids, cleaning solvents, used chemical solutions, acids, anti-corrosive paints, thinners, coal, ash, oily tanks and bilge sludge, metal wastes, wood preservatives and polyurethane foam?	No	Small amount of waterglass is present.