

## Temporary Sewage Pumping Station Ancillary to Tung Chung Area 56 Public Housing Development

# Monthly Environmental Audit Report No. 23 (Covering the Period from 1 September 2016 to 30 September 2016)

21 October 2016

**Revision 00** 

**Main Contractor** 



Independent Checker





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### **Executive Summary**

This monthly Environmental Audit Report is prepared for Temporary Sewage Pumping Station Ancillary to Tung Chung Area 56 Public Housing Development (hereafter referred to as "the Project") for the Hong Kong Housing Authority (HA) of Hong Kong Special Administrative Region. The Project was awarded to Hsin Chong Construction Company Ltd. (hereafter referred to as "the Contractor") and Atkins China Limited was appointed as the Independent Checker (IC) by the Contractor.

The Project is classified as a "Designated Project", under Schedule 2 of the Environmental Impact Assessment Ordinance (EIAO) (Cap 499). A Project Profile (Register No. PP-481/2013) was submitted for direct application of an Environmental Permit (EP) for the Project. The current EP (EP No: EP-452/2013) was issued on 6 June 2013. These documents are available through the EIA Ordinance Register. Site preparation works of the Project started on 14 November 2014 and the construction works of the Project commenced on 19 November 2014.

This is the twenty-third monthly Environmental Audit Report for the Project which summaries the audit findings during the reporting period from 1 to 30 September 2016.

#### Complaint Log

There were no environmental complaints received during the reporting period.

#### Notifications of Summons and Successful Prosecutions

There were no notifications of summons or prosecutions received during this reporting period.

#### Future Key Issues

The future key issues include potential noise impact, air quality impact, water quality impact and waste management arising from the following construction activity to be undertaken in the upcoming month:

• Plant and Mechanical & Electrical Installation of the TSPS.



### 1 INTRODUCTION

### 1.1 Basic Project Information

- 1.1.1 This monthly Environmental Audit Report is prepared for Temporary Sewage Pumping Station Ancillary to Tung Chung Area 56 (hereafter referred to as "the Project") for the Hong Kong Housing Authority (HA) of Hong Kong Special Administrative Region. The Project was awarded to Hsin Chong Construction Company Ltd. (hereafter referred to as "the Contractor") and Atkins China Limited was appointed as the Independent Checker (IC) by the Contractor.
- 1.1.2 The Project is classified as a "Designated Project", under Schedule 2 of the Environmental Impact Assessment Ordinance (EIAO) (Cap 499). A Project Profile (Register No. PP-481/2013) was submitted for direct application of Environmental Permit (EP). The current EP (EP No: EP-452/2013) was issued on 6 June 2013. These documents are available through the EIA Ordinance Register. Site preparation works of the Project started on 14 November 2014 and the construction works of the Project commenced on 19 November 2014. The works areas of the Project and the Contract are shown in **Appendix A**.
- 1.1.3 A Temporary Sewage Pumping Station (TSPS) was proposed as an ancillary facility to the proposed Tung Chung Area 56 Public Housing Development, to collect the sewage solely from the Tung Chung Area 56 Public Housing Development only and discharge it to the existing public sewer at Ying Hei Road.
- 1.1.4 The proposed TSPS is an un-manned facility and is not considered as a sensitive use susceptible to the influence of to external potential environmentally polluting uses.
- 1.1.5 According to the Planning Department's Tung Chung Town Centre Area Layout Plan No. L/I-TCTC/1E, a permanent sewage pumping station (SPS) will be provided in the Tung Chung Area 104 located to the northeast of the Tung Chung Area 56. Upon the intake of the population of Tung Chung Area 56 Public Housing Development, the TSPS is expected to provide a few years of service to the public housing development. Upon the commissioning of the permanent sewage pumping station in Tung Chung Area 104, sewage generated in Tung Chung Area 56 public housing development will be conveyed to SPS in Tung Chung Area 104 and the operation of the TSPS in Area 56 will be terminated. The infrastructure works including permanent foul water pipes and manhole to the permanent SPS in Tung Chung Area 104 is scheduled to be provided during the construction period of the Tung Chung Area 56 public housing development for ease of future transition operations. Thus the TSPS in Area 56 is of temporary nature.
- 1.1.6 This is the twenty-third monthly Environmental Audit Report for the Project which summaries the audit findings during the reporting period from 1 to 30 September 2016.



### 1.2 Project Organisation

1.2.1 The project organization structure and lines of communication with respect to the on-site environmental management structure is shown in **Appendix B**. The key personnel contact names and numbers are summarized in **Table 1.1**.

Party	Position	Name	Telephon e	Fax
Engineer or Engineer's Representative (Hong Kong Housing Authority)	Civil Engineer	Rachel Fung	2129 3709	2129 3095
Contractor	Site Agent	Ivan Ho	9383 8280	
(Hsin Chong Construction Company Ltd.)	Environmental Manager	Ryan Wong	6198 0730	3480 1791
	Environmental Supervisor	Yolanda Gao	5399 3509	
Independent Checker (Atkins China Limited)	Independent Checker	Ray Chow (Out of duty started from 24 September 2016)	2972 1305	2890 6343
			2972 1614	

### Table 1.1 Contact Information of Key Personnel

### 1.3 **Construction Programme**

- 1.3.1 A copy of the Contractor's construction programme is provided in **Appendix C**.
- 1.4 Construction Works Undertaken During the Reporting Period
- 1.4.1 A summary of the construction activities undertaken during the reporting period is shown below:
  - Plant and Mechanical & Electrical Installation of the TSPS.



### 2 ENVIRONMENTAL SITE AUDIT

### 2.1 Site Inspection

- 2.1.1 Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental protection and pollution control mitigation measures for the Project. During the reporting period, site inspections were carried out on 6, 13, 20 and 30 September 2016.
- 2.1.2 Observations raised during the site inspections and the follow up actions taken by the Contractor are described below.

Date of Inspection	Observation	Actions Taken by Contractor / Recommendation	Date of Observations Closed
25 August 2016	Stagnant water was observed at the roof of TSPS.	The stagnant water was removed.	06 September 2016
6 September 2016	No observation was made during this inspection.	Nil	Nil
13 September 2016	No observation was made during this inspection.	Nil	Nil
20 September 2016	No observation was made during this inspection.	Nil	Nil
30 September 2016	No observation was made during this inspection.	Nil	Nil

- 2.1.3 The Contractor has rectified all observation as identified during environmental site inspections during the reporting month. The Contractor has carried out mitigation measures recommended in the Project Profile and EP.
- 2.2 Advice on the Solid and Liquid Waste Management Status
- 2.2.1 The Contractor registered as a chemical waste producer for the Project. Sufficient numbers of receptacles were available for general refuse collection and sorting.
- 2.2.2 The monthly summary of waste flow table is detailed in **Appendix D**.
- 2.2.3 The Contractor was reminded to store the chemical waste containers properly on site in accordance with the Code of Practise on the Packaging, Labelling and Storage of Chemical Wastes.
- 2.3 Environmental Licenses and Permits
- 2.3.1 The valid environmental licenses and permits during the reporting period are summarized in **Appendix E**.





- 2.4 Implementation Status of Environmental Mitigation Measures
- 2.4.1 The Contractor has carried out mitigation measures recommended in the Project Profile and EP.
- 2.5 Summary of Complaints, Notification of Summons and Successful Prosecution
- 2.5.1 There were no complaints received during the reporting period.
- 2.5.2 No notification of summons and prosecution was received during the reporting period.
- 2.5.3 Statistics on environmental complaints, notifications of summons and successful prosecutions are summarized in **Appendix F**.



### **3 FUTURE KEY ISSUES**

- **3.1 Construction Programme for the Coming Months** 
  - 3.1.1 According to the Contractor, the major construction activity for September 2016 includes:
    - Plant and Mechanical & Electrical Installation of the TSPS; and
    - Waterproofing
- 3.2 Environmental Site Inspection Schedule for the Coming Month
  - 3.2.1 The tentative schedule for weekly site inspections for October 2016 is 4, 11, 18 and 25 October 2016.



### 4 CONCLUSION

### 4.1 Conclusions

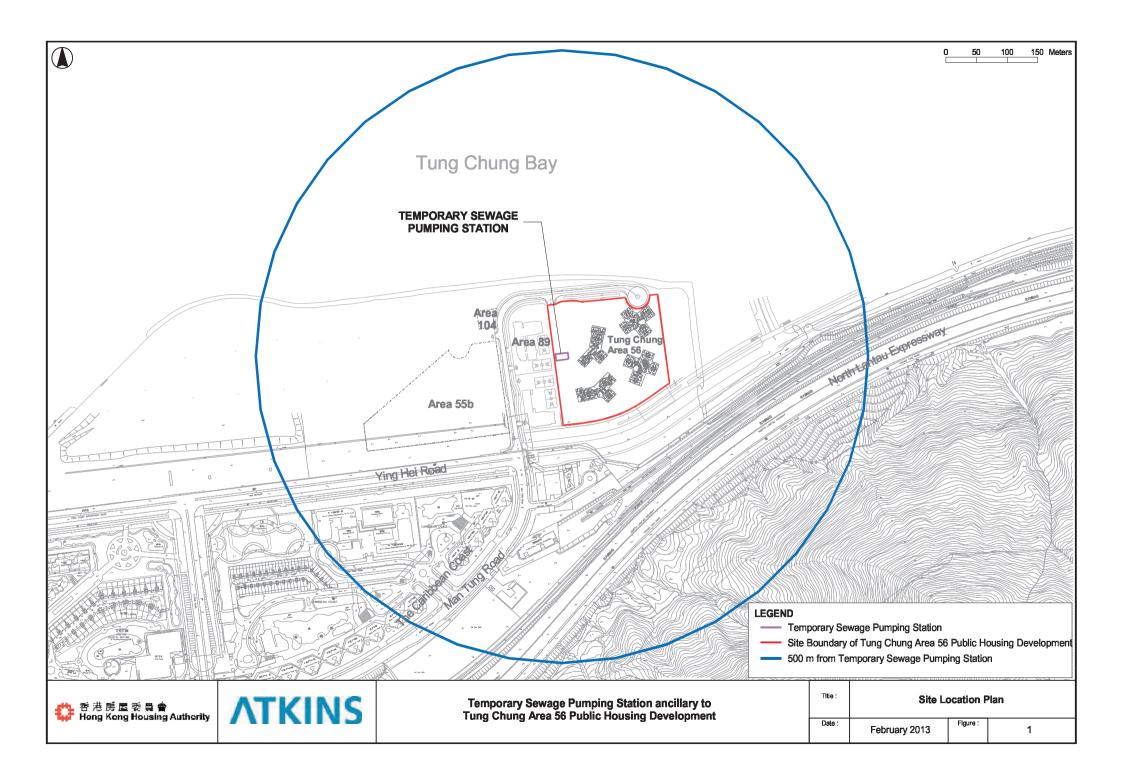
- 4.1.1 Site preparation works of the Project started on 14 November 2014 and the construction works of the Project commenced on 19 November 2014.
- 4.1.2 The weekly site inspections were carried out on 6, 13, 20 and 30 September 2016. The Contractor has rectified all observation as identified during environmental site inspections during the reporting month.
- 4.1.3 There were no environmental complaints received during the reporting period.
- 4.1.4 No notification of summons and successful prosecution were received during the reporting period.





Location of the Project and the Contract



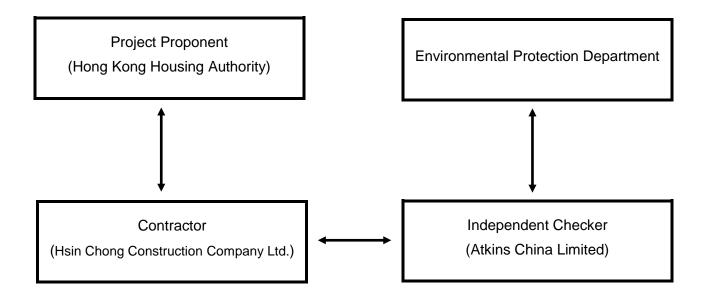




# **APPENDIX B**

Project Organization for Environmental Works

# Project Organization for Environmental Works





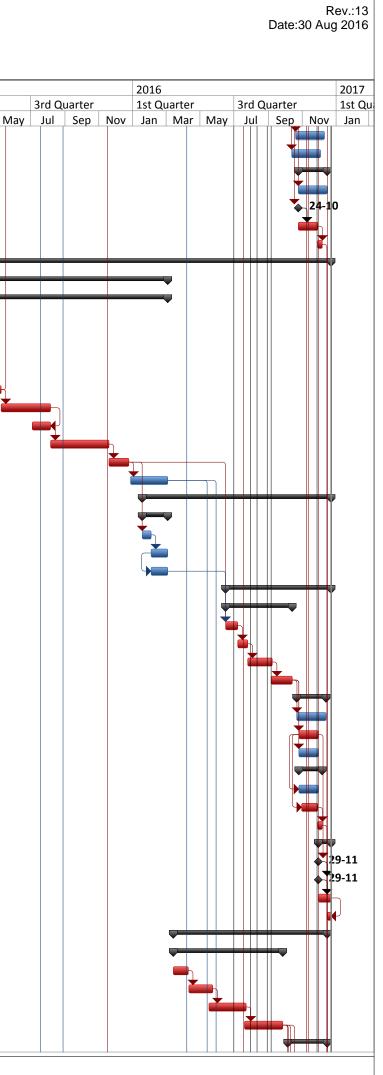


**Construction Programme** 



## Master Programme for Construction of Public Rental Housing Development at Tung Chung Area 56

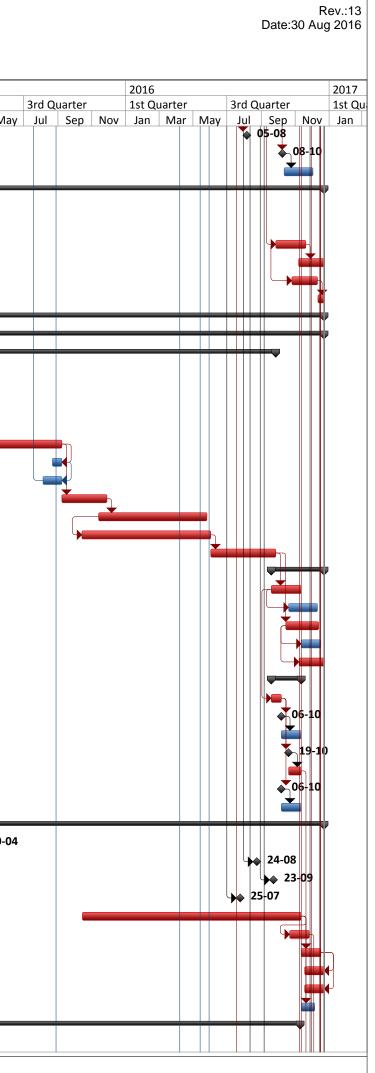
D -	Task Name	Start	Finish	Duration	2014 2015
					1st Quarter 3rd Quarter 1st Quarter
638	Internal Finishing Works	20-10-16	10-12-16	45 days	Nov Jan Mar May Jul Sep Nov Jan Mar Ma
639	External Wall Finishing Works	13-10-16	03-12-16	45 days	
640	Building services installation	24-10-16	15-12-16	45 days	
641	Building services installation	25-10-16	15-12-16	45 days	
642	Handover water tanks & pump rooms to NSC	24-10-16	24-10-16	0 days	
643	FS Pipe & water pump installation	25-10-16	28-11-16	30 days	
644	Testing & commissioning (EL, FS, P&D)	29-11-16	06-12-16	7 days	
645	Supermarket, TSPS, RCP	25-11-14	22-12-16	564 days	
646	TSPS	25-11-14	03-03-16	348 days	
647	RC Structure	25-11-14	03-03-16	348 days	
648	Submit and Approval of Environmental Office (TSPS)	25-11-14	10-12-14	14 days	
649	Pipe pile & King Post installation & grout curtain (TSPS)	11-12-14	27-01-15	37 days	
650	Pumping test and report submission (TSPS)	28-01-15	03-03-15	25 days	
651	Submit as-built record to CM for Approval (TSPS)	04-03-15	28-03-15	22 days	
652	Submit ICU14 & Obtain CM's Approval for ELS Work (TSPS)	30-03-15	08-05-15	30 days	
653	ELS for the footing (TSPS) & Plate Load Test	09-05-15	05-08-15	60 days	
654	Submit as-built ELS record to ICU (TSPS)	04-07-15	05-08-15	22 days	
655	Footing construction (TSPS)	06-08-15	18-11-15	80 days	
	Footing to G/F beam and slab construction (TSPS)	19-11-15	24-12-15	30 days	
656	G/F - roof construction (TSPS)	28-12-15	03-03-16	50 days	
657	RCP & Supermarket	18-01-16	22-12-16	252 days	
658	-				
659	ELSW Sheet pile installation (RCP, Supermarket)	<b>18-01-16</b> 18-01-16	<b>03-03-16</b> 02-02-16	<b>36 days</b> 14 days	
660				-	
661	Submit as-built record to CM for Approval (RCP, Supermarket)	03-02-16 03-02-16	03-03-16 03-03-16	22 days	
662	Submit ICU14 & Obtain CM's Approval for ELS Work (RCP & Supermarket)			22 days	
663	RCP	16-06-16	22-12-16	146 days	
664	RC Structure	16-06-16	13-10-16	86 days	
665	Excavation for the footing	16-06-16	07-07-16	14 days	
666	Footing construction	08-07-16	25-07-16	14 days	
667	Footing to G/F beam and slab construction	26-07-16	07-09-16	30 days	
668	G/F - roof construction	06-09-16	13-10-16	30 days	
669	Finishing Works	22-10-16	13-12-16	45 days	
670	Roof Finishing Works	22-10-16	13-12-16	45 days	
671	Internal Finishing Works	26-10-16	29-11-16	30 days	
672	External Wall Finishing Works	26-10-16	29-11-16	30 days	
673	Building services installation	26-10-16	06-12-16	36 days	
674	Building services installation	26-10-16	29-11-16	30 days	
675	FS installation	31-10-16	28-11-16	25 days	
676	Testing & commissioning (EL, FS, P&D)	29-11-16	06-12-16	7 days	
677	Refuse Handling System Installation	29-11-16	22-12-16	20 days	
678	Make Available RCP, JCP & Refuse Rooms to Direct Contractor	29-11-16	29-11-16	0 days	
679	Make Available Vehicular Access for Transportation of Equipment	29-11-16	29-11-16	0 days	
680	Installation Works	30-11-16	22-12-16	20 days	
681	Trial Run by Refuse Collection Vehicle	16-12-16	22-12-16	6 days	
682	Supermarket	14-03-16	15-12-16	202 days	
683	RC Structure	14-03-16	26-09-16	135 days	
684	Excavation for the footing	14-03-16	09-04-16	18 days	
685	Footing construction	11-04-16	23-05-16	30 days	
686	Footing to G/F beam and slab construction	17-05-16	22-07-16	45 days	
687	G/F - roof construction	20-07-16	26-09-16	50 days	
688	Finishing Works	06-10-16	15-12-16	60 days	





### Master Programme for Construction of Public Rental Housing Development at Tung Chung Area 56

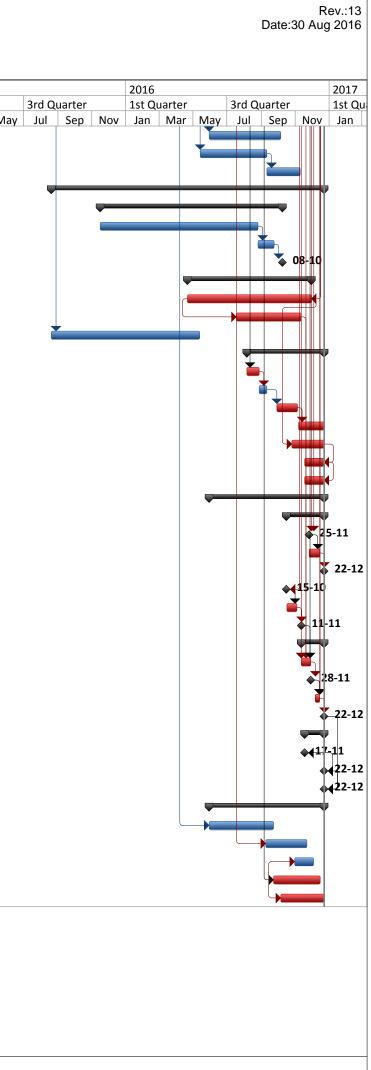
D	Task Name	Start	Finish	Duration		201	4				015	
						-	Quarter		d Quarte		st Quarte	
740	Handover Chiller Plant Room to NSC	05-08-16	05-08-16	0 days	Nov	Jan	Mar	May .	lul Sep	Nov J	an Ma	ar   May
741	Handover AHU Room and Fan Room to NSC	08-10-16	08-10-16	0 days								
742	AHU System Installation	12-10-16	02-12-16	45 days	-							
	Section 6 - Fit-out to Wet Market	17-12-14	22-12-16	545 days						_		
744	Confirmation for the Scope for Fitting-out of Wet Market	17-12-14	17-12-14	0 days						17	-12	
745	Issue Drawings for Fitting-out of Wet Market (SI - A053)	17-12-14	17-12-14	0 days						• 17		
746	Wet & Dry Stall Installation	27-09-16	19-11-16	45 days						•		
747	GMS Bulkhead & Signage Installation	07-11-16	22-12-16	40 days								
748	Associated Building Services Installation	26-10-16	10-12-16	40 days								
749	Inspection & Handover	12-12-16	22-12-16	10 days								
-	Section 7 - Estate Road, EVA, Carriageway & Basement Car park	25-08-14	22-12-16	638 days								
751	Basement car park	25-08-14	22-12-16	638 days								
752	RC structure	25-08-14	26-09-16	565 days								
753	Pipe pile installation & grout curtain	25-08-14	21-01-15	120 days					¥			
754	Pumping test and report submission	22-01-15	07-02-15	15 days								
755	Submit as-built record to CM for Approval	09-02-15	11-03-15	22 days								
756	Submit ICU14 & Obtain CM's Approval for Bulk Excavation Work	11-03-15	02-04-15	22 edays								
757	ELS for the footing/Plate Load Test	07-04-15	07-09-15	109 days								
758	Submit as-built ELS record to CM	22-08-15	07-09-15	12 days	-							
759	Obtain consent for footing construction	05-08-15	07-09-15	24 days								
760	Footing construction	08-09-15	27-11-15	65 days								
761	Footing - G/F construction	13-11-15	25-05-16	143 days								
762	Dismantling of ELSW	14-10-15	01-06-16	173 days								
763	Waterproofing / Underground Drainage / On Grade Slab	02-06-16	26-09-16	80 days								
764	Finishes & building services	19-09-16	22-12-16	80 days								
765	Car park wall & ceiling finishes	19-09-16	11-11-16	45 days								
766	Building services & plant rooms installation	20-10-16	10-12-16	45 days								
767	Car park floor finishes	15-10-16	12-12-16	50 days								
768	Elevated walkway, bicycle parking & planter finishes	12-11-16	16-12-16	30 days								
769	Painting works & signage	08-11-16	22-12-16	39 days								
770	Building services installation	19-09-16	11-11-16	45 days								
771	Builder's works & BS installation in Fan Rm,FS Pump rm,Sump Pit Rm & Switch Rm	19-09-16	06-10-16	15 days								
772	Make Available the Fan Room to NSC	06-10-16	06-10-16	0 days								
773	Air Exhaust System Installation	07-10-16	11-11-16	30 days	-							
774	Make Available the Pump & Sump Pit Room to NSC	19-10-16	19-10-16	0 days								
775	FS pipe & water pump installation	20-10-16	11-11-16	20 days								
776	Make Available the Switch Room to NSC	06-10-16	06-10-16	0 days								
777	E & M installation	07-10-16	11-11-16	30 days								
778	Estate Road, EVA & Carriageway	10-04-15	22-12-16	458 days							-	
779	Issuance of U/G drainage & Utilities/run-in Connections location to Road L16	10-04-15	10-04-15	0 days							N	10-04
780	Make Available to Electrical sub-contractor the underground cable ducts and draw pits	24-08-16	24-08-16	0 days								÷ _0 0-
781	Make available to the Town Gas Co. the area along the external underground route	23-09-16	23-09-16	0 days								
781	Make available to the FTNS the area along the external underground route	25-07-16	25-07-16	0 days	_							
783	Underground Drainage & Utilities Installation (Details to be submitted separatelly)	15-10-15	11-11-16	290 days	_							
783	EVA	22-10-16	25-11-16		_							
784	EVA Paving works	12-11-16	16-12-16	30 days 30 days	_							
785	External furniture	18-11-16	22-12-16	30 days	_							
	Signage & Road marking	18-11-16	22-12-16	30 days	_							
787	CCTV for U/G Drainage System	12-11-16	05-12-16	20 days	_							
788	Section 8 - Temporary Sewage Pumping Station including Rising Mains	25-11-14	09-11-16	20 days	_							
789	Submit the EO to CM and EPD Approval	25-11-14	25-11-14	0 days						25-1		





## Master Programme for Construction of Public Rental Housing Development at Tung Chung Area 56

792         Plan           793         Test           794         Section           795         Last           796         Co           797         Test           798         Iss           799         Und           800         W	ng Mains for Sewage Pumping				2014 2015 1 t 2 ust to 2 ust 2						
792         Plan           793         Test           794         Section           795         Last           796         Co           797         Test           798         Iss           799         Und           800         W	ng Mains for Sowago Dumping					1st Quarter		3rd Quarter		1st Quarte	
792         Plan           793         Test           794         Section           795         Last           796         Co           797         Test           798         Iss           799         Und           800         W	HU MAILS IVE SEWAVE FULLVILLU	30-05-16	05-10-16	90 days	Nov	Jan Mar	May	Jul Sep	Nov	Jan Ma	r May
793         Test           794         Section           795         Last           796         Co           797         Test           798         Iss           799         Und           800         W	nt & M&E Installation of the TSPS (4 months)	13-05-16	10-09-16	120 edays							
794         Section           795         Last           796         Co           797         Te           798         Is:           799         Und           800         W	ting & Commissioning of the TSPS (2 months)	10-09-16	09-11-16	60 edays							
795         Last           796         Co           797         Te           798         Is           799         Und           800         W	n 9 - Remaining Works	20-08-15	22-12-16	367 days							
796         Co           797         Te           798         Is:           799         Und           800         W	Manhole Connections (Details to be Submitted Separately)	16-11-15	08-10-16	236 days							
797         Te           798         Is:           799         Und           800         W	onstruction of Last Manholes (Tally w/ the Progress of Civil Works Contractor)	16-11-15	25-08-16	200 days							
798         Is           799         Und           800         W	echnical Audit by DSD	26-08-16	23-09-16	24 days							
799 <b>Und</b> 800 W	suance of Acceptance Letter	08-10-16	08-10-16	0 days							
800 W	er Ground Pumping and F.S. Pipe Works (Details to be Submitted Separately)	21-04-16	29-11-16	163 days							
	/ater Submains and Irrigation Water Pipe	21-04-16	29-11-16	163 days							
801 F.	S. water pipe and sheet Fire Hydrant	18-07-16	11-11-16	90 days							
	ter Water Meter Room	20-08-15	12-05-16	200 days							
	phitheatre/Open Plaza Construction (Details to be Submitted Separately)	06-08-16	22-12-16	110 days							
	LSW and Plate Load Test	06-08-16	27-08-16	13 days							
001	btain Consent for Footing Construction	27-08-16	10-09-16	14 edays							
	onstruction of Footing for Amphitheatre	29-09-16	04-11-16	30 days							
	onstruction of Amphitheatre and Open Plaza	07-11-16	22-12-16	-							
				40 days							
	nter Construction (including planter finish)	26-10-16	22-12-16	50 days							
	gola Construction	18-11-16	22-12-16	30 days							
	meter Fence Wall & Covered Walkway Construction	18-11-16	22-12-16	30 days	_						
	Inspection Processes	30-05-16	22-12-16	156 days							
	ection by WSD	15-10-16	22-12-16	58 days							
	ubmit Form WWO 46 Part IV for Plumbing	25-11-16	25-11-16	0 days							
	/SD inspection for Plumbing	26-11-16	14-12-16	16 days							
	btain water cert for Plumbing	22-12-16	22-12-16	0 days							
	ubmit Form WWO 46 Part IV for FS	15-10-16	15-10-16	0 days							
	/SD inspection for FS	17-10-16	03-11-16	16 days							
	btain water cert for FS	11-11-16	11-11-16	0 days							
-	ection by FSD	12-11-16	22-12-16	35 days							
	S integration test (EL+FS+P&D)	12-11-16	28-11-16	14 days							
	ubmission of Form 314 & 501	28-11-16	28-11-16	0 days							
022	SD Inspection	07-12-16	14-12-16	7 days							
823 Is	suance of FS Cert	22-12-16	22-12-16	0 days							
824 ICU	Submission of OP	17-11-16	22-12-16	30 days							
825 La	atest submission to CM to prepare Record Plan	17-11-16	17-11-16	0 days							
826 La	atest submission of Material+EMSD+FS+Water Cert for ICU13 Submission	22-12-16	22-12-16	0 days							
827 Subr	nit Form ICU13 to CM Processing OP Application	22-12-16	22-12-16	0 days							
828 Proje	ect Inspection and Handover	30-05-16	22-12-16	156 days							
829 W	/ater Tightness Test for VPBs	30-05-16	22-09-16	80 days							
	/ater Tightness Test for Kitchen and Refuse Storage Room	09-09-16	21-11-16	60 days							
831 Co	ommon Areas and External Area Inspection	31-10-16	03-12-16	30 days							
	at - to - flat Inspection and Handover	23-09-16	15-12-16	70 days							
	efect Rectification Works and Re-inspection	06-10-16	22-12-16	66 days							





# **APPENDIX D**

Waste Flow Table

#### Temporary Sewage Pumping Station Ancillary to Tung Chung Area 56 Public Housing Development Waste Flow Table

	Estima	ated Annual Quar	ntities of Inert C&	D Materials (in '00	00 Kg)		Es	stimated Quantiti	es of C&D Waste	)	
Month	Total Quantity Generated	Suitable for Recycled Aggregates	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Metals	Paper/cardboard packaging	Plastics (see Note 2)	Chemical Waste	Others, e.g. general refuse	Timber
	(a)	(b)	(C)	(d)	(e=a-b-c-d)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000litre)	(in '000 Kg)	(in '000 Kg)
						2014					
November	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.160	0.000
December	4.910	0.000	0.000	0.000	4.910	0.000	0.000	0.000	0.000	5.830	0.000
						2015					
January	5.970	0.000	0.000	0.000	5.970	0.000	0.000	0.000	0.000	2.880	0.000
February	4.540	0.000	0.000	0.000	4.540	0.000	0.000	0.000	0.000	2.450	0.000
March	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.480	0.000
April	1097.040	0.000	0.000	0.000	1097.040	0.000	0.000	0.000	0.000	1.930	0.000
May	467.250	0.000	0.000	0.000	467.250	0.000	0.000	0.000	0.000	6.520	0.000
June	1237.690	0.000	0.000	0.000	1237.690	0.000	0.000	0.000	0.000	9.720	0.000
July	61.480	0.000	0.000	0.000	61.480	0.000	0.000	0.000	0.000	8.680	0.000
August	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.210	0.000
September	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.170	0.000
October	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.180	0.000
November	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.940	0.000
December	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.380	0.000
						2016					
January	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.820	0.000
February	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.230	0.000
March	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	7.640	0.000
April	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.100	0.000
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.830	0.000
June	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	9.310	0.000
July	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	8.820	0.000
August	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.690	0.000
September	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.880	0.000
October											
Grand Total	2878.880	0.000	0.000	0.000	2878.880	0.000	0.000	0.000	0.000	139.850	0.000

Notes: (1) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.

(2) Plastics refer to plastic bottles / containers, plastic sheets / foam from packaging material



# **APPENDIX E**

**Environmental Licenses and Permits** 

### Summary of Environmental Licences and Permits Application and Status

#### **Environmental Permit (EP)**

EP No.	EP Holder	Date of EP Issued	Expiry Date	Area Coverage	Status
EP-452/2013	Hong Kong Housing	6 Jun 2013	N/A	TSPS Only	Active
	Authority				

### Notification of Carrying Out Notifiable Works under Air Pollution Control (Construction Dust) Regulation

Notification Ref. No.	Area Coverage	Valid Since	Expiry Date
367052	Entire Site of the Contract	13 Nov 2013	N/A
	(include TSPS)		

### Billing Account for Disposal of Construction Works

Billing Account No.	Area Coverage	Valid Since	Expiry Date
7018949	Entire Site of the Contract	16 Dec 2013	N/A
	(include TSPS)		

### **Chemical Waste Producer Registration**

Waste Producer No.	Area Coverage	Major Chemical Waste Type	Valid Since	Expiry Date
5213-950-H2913-43	Entire Site of the Contract	Spent lubricant, Spent Flammable	19 Nov 2014	N/A
	(include TSPS)	Liquid, Spent organic solvent,		
		contaminated rags		

### Wastewater Discharge Licence

Licence Number	Area Coverage	Valid Since	Expiry Date
WT00018218-2014	Entire Site of the Contract	30 Jan 2014	31 Jan 2019
	(include TSPS)		

### **Construction Noise Permit (CNP)**

CNP Number	Area Coverage	Valid Since	Expiry Date	Current Status
GW-RS1162-14	Entire Site of the Contract (include TSPS)	24 Oct 2014	23 Apr 2015	Expired
GW-RS0418-15	Entire Site of the Contract (include TSPS)	24 Apr 2015	23 Oct 2015	Expired
GW-RS1088-15	Entire Site of the Contract (include TSPS)	24 Oct 2015	23 Apr 2016	Expired
GW-RS1379-15	Entire Site of the Contract (include TSPS)	29 Dec 2015	28 Jun 2016	Expired
GW-RS0525-16	Entire Site of the Contract (include TSPS)	29 Jun 2016	28 Dec 2016	Expired, as replaced by GW-RS0796-16
GW-RS0796-16	Entire Site of the Contract (include TSPS)	29 Jul 2016	28 Jan 2017	Active



# **APPENDIX F**

Statistics on Environmental Complaints, Notification of Summons and Successful Prosecutions

# Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions

Reporting period	Complaints	Notifications of Summons	Successful Prosecutions
23rd Reporting Month (1 Sep 2016 – 30 Sep 2016)	0	0	0
Cumulative Statistics (19 Nov 2014 – 30 Sep 2016)	0	0	0