Annex B Environmental Mitigation Implementation Schedule

EIA Ref.	EM&A Ref	Environmental Protection Measures/ Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Location of the Measures	Who to implement the measure?	the m	neasu	mplement re? ⁽¹⁾ O/R A	What requirements or standards for the measure to achieve?	Implementation Status and Remarks
Air Quali	ty - Cons	truction Phase								
4.8.1	AQ1	Blasting	To minimise potential	Blasting area	SENTX		✓		Air Pollution Control	Not applicable.
		The area within 30m of the blasting area will be wetted prior to blasting.	dust nuisance	and 30m of blasting area	Contractor				(Construction Dust) Regulations	Blasting is not required in the latest landfill design
		 Blasting will not be carried out when the strong wind signal or tropical cyclone warning signal No. 3 or higher is hoisted, unless this is with the express prior permission of the Commissioner of Mines. 								9
		 loose material and stones in the Site will be removed prior to the blast operation 								
		 During blasting, blast nets, screens and other protective covers will be used to prevent the projection of flying fragments and material resulting from blasting 								
4.8.1	AQ2	Rock Drilling	To minimise potential	Rock drilling	SENTX		✓		Air Pollution Control	Not applicable. Rock
		 Watering will be carried out at the rock drilling activities to avoid fugitive dust emissions. 	dust nuisance	area	Contractor				(Construction Dust) Regulations	drilling is not required in the latest landfill design
(1) D=Desig	gn; C=Const	ruction; O/R=Operation/Restoration; A=Aftercare								

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4.8.1	AQ3	 Site Access Road The main haul road will be kept clear of dusty materials or sprayed with water. The main haul road will be paved with aggregate or gravel. Vehicle speed will be limited to 10kph. 	To minimise potential dust nuisance	Main haul road	SENTX Contractor	√		Air Pollution Control (Construction Dust) Regulations HKAQO and EIAO- TM Annex 4	Deficiency of mitigation measures but rectified by the Contractor
4.8.1	AQ4	 Stockpiling of Dusty Materials Any stockpile of dusty materials will be covered entirely by impervious sheeting or placed in an area sheltered on the top and three sides or sprayed with water so as to ensure that the entire surface is wet. 	To minimise potential dust nuisance	All construction works area	SENTX Contractor	✓		Air Pollution Control (Construction Dust) Regulations HKAQO and EIAO- TM Annex 4	Deficiency of mitigation measures but rectified by the Contractor
4.8.1	AQ5	 Loading, unloading or transfer of dusty materials All dusty materials will be sprayed with water immediately prior to any loading, unloading or transfer operation so as to maintain the dusty material wet. 	To minimise potential dust nuisance	All construction works area	SENTX Contractor	✓		Air Pollution Control (Construction Dust) Regulations HKAQO and EIAO- TM Annex 4	Implemented
4.8.1	AQ6	 Site Boundary and Entrance Where a site boundary adjoins a road, street, service lane or other area accessible to the public, hoarding of height not less than 2.4m from 	To minimise potential dust nuisance	Site boundary and entrance	SENTX Contractor	✓		Air Pollution Control (Construction Dust) Regulations HKAQO and EIAO-	Not applicable

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		ground level will be provided along the entire length of that portion of the site boundary except for the site entrance or exit.							TM Annex 4	
4.8.1	AQ7	Excavation Works	To minimise potential	All	SENTX		✓		Air Pollution Control	Not applicable
		 Working area of any excavation or earth moving operation will be sprayed with water immediately before, during and immediately after the operation so as to ensure that the entire surface is wet. 	dust nuisance	construction works area	Contractor				(Construction Dust) Regulations HKAQO and EIAO- TM Annex 4	
4.8.1	AQ8	Building Demolition	1	All	SENTX		✓		Air Pollution Control	Not applicable
		• The area where the demolition works are planned to take place will be sprayed with water immediately prior to, during and immediately after the demolition activities.	dust nuisance	construction works area	Contractor				(Construction Dust) Regulations HKAQO and EIAO- TM Annex 4	
		 Any dusty materials remaining after a stockpile is removed will be wetted with water and cleared from the surface of roads or street. 								
4.8.1	AQ9	 Construction of the Superstructure of Building Effective dust screens, sheeting or netting will be provided to enclose the scaffolding from the ground level up to the highest level of the scaffolding. 	To minimise potential dust nuisance	All construction works area	SENTX Contractor		✓		Air Pollution Control (Construction Dust) Regulations HKAQO and EIAO- TM Annex 4	Implemented

EIA Ref.	EM&A Ref	Environmental Protection Measures/ Mitigation Measures	Objectives of the Recommended	Location of the Measures	Who to implement			impler ure? ⁽¹⁾	nent	What requirements or standards for the	Implementation Status and Remarks
			Measure & Main Concerns to address		the measure?	D	С	O/R	A	measure to achieve?	
4.8.1	AQ10	Should a stone crushing plant be needed on site, the control measures recommended in the <i>Best Practicable Means Requirement for Mineral Works</i> (<i>Stone Crushing Plants</i>) <i>BPM 11/1</i> should be implemented.	To minimise potential dust nuisance	Stone crushing plant/ construction phase	SENTX Contractor		✓			Best Practicable Means Requirement for Mineral Works (Stone Crushing Plants) BPM 11/1	Not applicable. Stone crushing plant is not required in the latest landfill design
4.8.1	AQ11	Good site practices such as regular maintenance and checking of the diesel powered mechanical equipment will be adopted to avoid any black smoke emissions and to minimize gaseous emissions.	To minimise potential dust nuisance	All construction works area	SENTX Contractor		✓			HKAQO and EIAO- TM Annex 4	Implemented
4.10.1	AQ12	Dust monitoring once every 6 days	Ensure the dust generated from the project meets the air quality requirement	At monitoring locations shown in <i>Figure 3.2a</i>	SENTX Contractor		✓			HKAQO and EIAO- TM Annex 4	Implemented
4.10.2	AQ41	Monitoring of ambient TSP once every 6 days	Ensure the dust emission from the project meets the dust requirement	At monitoring locations shown in Figure 11.3a	SENTX Contractor		✓	✓		HKAQO and EIAO- TM Annex 4	Implemented
4.10.2	AQ46	Monitoring of meteorological station, continuously	Collect site specific meteorological data	At meteorologica l station shown in Figure 11.3a	SENTX Contractor		✓	✓	✓	-	Implemented

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5.7.1	N1	Adopt good site practice listed below: Only well-maintained plant will be operated on-site and plant should be serviced regularly during the construction program;	To minimise potential construction noise nuisance.	All construction works area	SENTX Contractor	✓		Noise Control Ordinance (NCO) and EIAO-TM Annex 5	Implemented
		 Silencers or mufflers on construction equipment should be utilized and will be properly maintained during the construction program; 							
		• Mobile plant, if any, will be sited as far from NSRs as possible;							
		 Machines and plant (such as trucks) that may be in intermittent use will be shut down between work periods or should be throttled down to a minimum; 							
		• Plant known to emit noise strongly in one direction will, wherever possible, be orientated so that the noise is directed away from the nearby NSRs; and							
		 Material stockpiles and other structures will be effectively utilised, wherever practicable, in screening noise from on-site construction activities. 							

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			Measure & Main Concerns to address		the measure?	D	С	O/R A	measure to achieve?	
5.8	N2	Weekly noise monitoring	Ensure noise generated from the project meets the criteria	At monitoring locations shown in Figure 6.4a	SENTX Contractor		✓		Noise Control Ordinance (NCO) and EIAO-TM Annex 5	Implemented
Water Qua	ality - Co	nstruction Phase								
6.8.1	WQ1	Construction Runoff								
		• Exposed soil areas will be minimised	To minimise potential		SENTX		✓		ProPECC PN 1/94	Implemented
		to reduce the contamination of runoff and erosion.	water quality impacts arising from the construction works	construction works area	Contractor				EIAO-TM Annex 6	
6.8.1	WQ2	Perimeter channels will be	To minimise potential		SENTX	✓	✓		ProPECC PN 1/94	Deficiency of
		constructed in advance of site formation works and earthworks and intercepting channels will be provided	water quality impacts arising from the construction works	construction works area	Contractor				Water Pollution Control Ordinance (WPCO)	mitigation measures but rectified by the Contractor
		for example along the edge of excavation.							EIAO-TM Annex 6	
6.8.1	WQ3	Silt removal facilities, channels and	To minimise potential		SENTX		✓		ProPECC PN 1/94	Deficiency of
		manholes will be maintained and the deposited silt and grit should be	water quality impacts arising from the	construction works area	Contractor				WPCO	mitigation measures but rectified by the
		removed regularly to ensure they are functioning properly at all times.	construction works	works area					EIAO-TM Annex 6	Contractor
6.8.1	WQ4	Temporary covers such as tarpaulin	To minimise potential		SENTX		✓		ProPECC PN 1/94	Implemented
		will also be provided to minimise the generation of high SS runoff.	water quality impacts arising from the construction works	construction works area	Contractor				WPCO	
6.8.1	WQ5	The surface runoff contained any oil	To minimise potential	All	SENTX		✓		ProPECC PN 1/94	Not applicable

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			Measure & Main Concerns to address		the measure?	D	C	O/R A	measure to achieve?	
		and grease will pass through the oil	water quality impacts	construction	Contractor				WPCO	
		interceptors.	arising from the construction works	works area					EIAO-TM Annex 6	
6.8.1	WQ6	• All sewer and drains will be sealed to	To minimise potential				✓		ProPECC PN 1/94	Not applicable
		prevent building debris, soil etc from entering public sewers/drains before	water quality impacts arising from the	area at existing SENT	Contractor				WPCO	
		commencing any demolition works	demolition works	Landfill					EIAO-TM Annex 6	
6.8.1	WQ7	During the excavation works for the	To minimise potential	Tunnel boring	SENTX		✓		ProPECC PN 1/94	Not applicable.
		twin drainage tunnels, the recycle water for cooling the cutter head of	water quality impacts arising from the	sites	Contractor				WPCO	Excavation of drainage tunnels is not required
		the TBM will be conveyed to the sedimentation tanks for treatment and most of the treated water will be reused, where applicable and as much as possible, in the boring operations.	tunnel works						EIAO-TM Annex 6	in the latest landfill design.
6.8.1	WQ8	• The fuel and waste lubricant oil from	To minimise potential	SENTX Site	SENTX		✓		ProPECC PN 1/94	Implemented
		the on-site maintenance of machinery and equipment will be collected by a	water quality impacts arising from improper		Contractor				WPCO	
		licensed chemical waste collector.	handling of fuel and oil						Waste Disposal Ordinance (WDO)	
6.8.1	WQ9	Implementation of excavation	To minimise	All	SENTX		✓		ProPECC PN 1/94	Implemented
		schedules, lining and covering of excavated stockpiles	contaminated stormwater run-off	construction works	Contractor				WPCO	
		excavated stockpiles	from the SENTX Site	WOIKS					EIAO-TM Annex 6	
6.13	WQ10	Monitoring of surface water quality	To minimise potential	SENTX Site	SENTX		✓		WPCO	Implemented
		will be conducted on a regular basis as stated in the EM&A Manual.	water quality impacts on surface water arising from the construction works		Contractor				Water-TM	

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		Measure & Main Concerns to address		the measure?	D	С	O/R A	measure to achieve?	
WQ11	Sewage Effluents								
	• Sufficient chemical toilets will be provided for the construction workforce.	To minimise potential water quality impacts arising from the sewage effluents	SENTX Site	SENTX Contractor		✓		WPCO	Implemented
WQ12			SENTX Site	SENTX		✓		WPCO	Reminder was given to
	to discharge into the surrounding water body.	water quality impacts arising from the sewage effluents		Contractor				WDO	the Contractor
WQ13	A licensed waste collector will be	-	SENTX Site	SENTX		✓		WPCO	Deficiency of
	employed to clean the chemical toilets on a regular basis.	water quality impacts arising from the sewage effluents		Contractor				WDO	mitigation measures but rectified by the Contractor
nagement	- Construction Phase								
WM1	All the necessary waste disposal permits are obtained prior to the commencement of construction work.	To ensure compliance with relevant statutory requirements	Before construction works commence	SENTX Contractor	✓	✓		WDO	Implemented
WM2	Management of Waste Disposal								
	The construction contractor will open a	To ensure that	SENTX Site	SENTX		✓		WDO	Implemented
	construction waste or public fill load to be transferred to the Government waste disposal facilities such as public fill	adverse environmental impacts are prevented		Contractor				Waste Disposal (Charges for Disposal of Construction Waste) Regulation;	
	landfills will required a valid "chit" which contains the information of the account holder to facilitate waste							Works Bureau Technical Circular No.31/2004; and	
	Ref WQ11 WQ12 WQ13	 WQ11 Sewage Effluents Sufficient chemical toilets will be provided for the construction workforce. WQ12 Untreated sewage will not be allowed to discharge into the surrounding water body. WQ13 A licensed waste collector will be employed to clean the chemical toilets on a regular basis. MM1 All the necessary waste disposal permits are obtained prior to the commencement of construction work. WM2 Management of Waste Disposal The construction contractor will open a billing account with the EPD. Every construction waste or public fill load to be transferred to the Government waste disposal facilities such as public fill reception facilities, landfills will required a valid "chit" which contains the information of the 	Ref Mitigation Measures Recommended Measure & Main Concerns to address WQ11 Sewage Effluents • Sufficient chemical toilets will be provided for the construction workforce. WQ12 • Untreated sewage will not be allowed to discharge into the surrounding water body. WQ13 • A licensed waste collector will be employed to clean the chemical toilets on a regular basis. WM1 All the necessary waste disposal permits are obtained prior to the commencement of construction work. WM2 Management of Waste Disposal The construction vill open a billing account with the EPD. Every construction waste or public fill load to be transferred to the Government waste disposal facilities such as public fill reception facilities, sorting facilities, landfills will required a valid "chit" which contains the information of the	Ref Mitigation Measures Recommended Measure & Main Concerns to address the Measures Measure & Main Concerns to address WQ11 Sewage Effluents • Sufficient chemical toilets will be provided for the construction workforce. To minimise potential water quality impacts arising from the sewage effluents WQ12 • Untreated sewage will not be allowed to discharge into the surrounding water body. To minimise potential water quality impacts arising from the sewage effluents SENTX Site water quality impacts arising from the sewage effluents WQ13 • A licensed waste collector will be employed to clean the chemical toilets on a regular basis. To minimise potential water quality impacts arising from the sewage effluents SENTX Site water quality impacts arising from the sewage effluents WM1 All the necessary waste disposal permits are obtained prior to the commencement of construction work. To ensure compliance with relevant statutory requirements Before construction works commence WM2 Management of Waste Disposal To ensure that adverse environmental impacts are prevented SENTX Site adverse environmental impacts are prevented	Ref Mitigation Measures Recommended Measure & Main Concerns to address the Measures implement the measure? WQ11 Sewage Effluents • Sufficient chemical toilets will be provided for the construction workforce.	## Mitigation Measures Recommended Measure & Main Concerns to address ## WQ11 Sewage Effluents • Sufficient chemical toilets will be provided for the construction workforce. ## WQ12 Untreated sewage will not be allowed to discharge into the surrounding water body. ## WQ13 A licensed waste collector will be employed to clean the chemical toilets on a regular basis. ## WM1 All the necessary waste disposal permits are obtained prior to the commencement of construction work. ## WM2 Management of Waste Disposal ## The construction waste or public fill load to be transferred to the Government waste disposal facilities, landfills will required a valid "chit" which contains the information of the ## WM2 Wight of the contains the information of the ## WM2 Management of Waste Disposal ## WM2 Management of Waste Disposal ## WM3 Contractor ## WM4 Waste Disposal ## WM5 Waste Disposal ## WM6 Waste Disposal ## WM7 Management of Waste Disposal ## WM8 Waste Disposal ## WM9 Waste Disposal	Ref Mitigation Measures Recommended Measure & Main Concerns to address WQ11 Sewage Effluents Sufficient chemical toilets will be provided for the construction workforce. WQ12 Untreated sewage will not be allowed to discharge into the surrounding water body. WQ13 A licensed waste collector will be employed to clean the chemical toilets on a regular basis. WQ14 All the necessary waste disposal permits are obtained prior to the commencement of construction work. WM1 All the necessary waste disposal permits are obtained prior to the commencement of construction work. WM2 Management of Waste Disposal The construction contractor will open a billing account with the EPD. Every construction waste or public fill reception facilities, landfills will required a valid "chit" which contains the information of the commence of the comment of the which contains the information of the comment on the comment of the comment of the comment of the comment of the comment waste disposal facilities such as public fill reception facilities, landfills will required a valid "chit" which contains the information of the commence of the comment waste which contains the information of the commence of the comment waste which contains the information of the commence of the comment waste of public fill reception facilities, sandfills will required a valid "chit" which contains the information of the commence	Measure & Main Measures & Measure & Main Measures & Measure & Main Measures & Measure & Main Measures & Measures & Measures & Measures & Measures Measures & Measures & Measures Measures & Measures Measures & Measures Measures & Measures & Measures Measures & Measures Measures & Measures	Meditagation Measures Recommended Measure & Main Concerns to address Sentra Sentra

EIA Ref.	EM&A Ref	Environmental Protection Measures/ Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Location of the Measures	Who to implement the measure?	When to the mea D C	o implemen sure? ⁽¹⁾ O/R A	What requirements or standards for the measure to achieve?	Implementation Status and Remarks
		transaction recording and billing to the waste producer. A trip-ticket system will also be established to monitor the disposal of construction waste at the SENT Landfill and to control fly-tipping. The trip-ticket system will be included as one of the contractual requirements and implemented by the contractor.						Annex 5 and Annex 6 of Appendix G of ETWBTC No. 19/2005)	
		A recording system for the amount of waste generated, recycled and disposed of (including the disposal sites) will be established.							
7.6.1	WM3	Measures for the Reduction of Construction Waste Generation							
		Inert and non-inert construction waste will be segregated and stored in different containers or skips to facilitate reuse or recycling of the inert waste and proper disposal of the non-inert construction waste. Specific areas of the work site will be designated for such segregation and storage if immediate use is not practicable.	To reduce construction waste generation	SENTX Site	SENTX Contractor	√		WDO EIAO-TM Annex 7	Implemented
7.6.1	WM4	Chemical Waste							
		The construction contractor will register as a chemical waste producer with the EPD. Chemical waste will be handled in accordance with the <i>Code of Practice on the Packaging, Handling and Storage of</i>	To ensure proper handling of chemical waste	SENTX Site	SENTX Contractor	✓		WDO Code of Practice on the Packaging, Handling and Storage of Chemical Wastes	Deficiency of mitigation measures but rectified by the Contractor

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		Chemical Wastes.								
7.6.1	WM5	Sewage								
		An adequate number of portable toilets will be provided at the site to ensure that sewage from site staff is properly collected. The portable toilets will be desludged and maintained regularly by a specialist contractor.		SENTX Site	SENTX Contractor		✓		WDO EIAO-TM Annex 7	Implemented
7.6.1 and	WM6	General Refuse								
SENTX latest design		General refuse will be stored in enclosed bins separately from construction and chemical wastes. The general refuse will be delivered to a transfer station or other landfill, separately from construction and chemical wastes, on a daily basis to reduce odour, pest and litter impacts.	To ensure proper handling of general refuse	SENTX Site	SENTX Contractor		✓		WDO EIAO-TM Annex 7	Deficiency of mitigation measures but rectified by the Contractor
		Recycling bins will be provided at strategic locations to facilitate recovery of aluminium can and waste paper from the SENTX Site. Materials recovered will be sold for recycling.								
7.6.1	WM7	Staff Training								
		At the commencement of the construction works, training will be provided to workers on the concepts of site cleanliness and on appropriate waste management procedures, including	To ensure that adverse environmental impacts are prevented	SENTX Site	SENTX Contractor		✓			Implemented

EIA Ref.	EM&A Ref	Environmental Protection Measures/ Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Location of the Measures	Who to implement the measure?	the n		implement ure? ⁽¹⁾ O/R A	What requirements or standards for the measure to achieve?	Implementation Status and Remarks
		waste reduction, reuse and recycling.								
7.8	WM8	Environmental Monitoring & Audit Requirements Weekly audits of the waste management practices will be carried out during the construction phase. The audits examine all aspects of waste management including waste generation, storage, recycling, transport and disposal.	To ensure that adverse environmental impacts are prevented	SENTX Site	SENTX Contractor		✓		WDO	Implemented
Landfill G	as Hazar	ds – Design and Construction Phase								
8.6.2 and SENTX latest design	LFG1	Precautionary measures to be adopted by the contractors at the Project site and the adjacent development site within the landfill consultation zone are outlined in Paragraphs 8.3 to 8.49 of EPD's Landfill Gas Hazard Assessment Guidance Notes (the Guidance Note). Those precautionary measures applicable to the SENTX will be confirmed in the detailed Qualitative Landfill Gas Hazard Assessment to be submitted by the contractor.	-	All construction works area	SENTX Contractor		✓		Paragraphs 8.3 to 8.49 of EPD's Landfill Gas Hazards Assessment Guidance Note EIAO-TM Annex 7	Implemented
8.6.2	LFG2	Monitoring will be undertaken when construction works are carried out in confined space within the consultation zone with reference to the monitoring requirements and procedures specified in Paragraphs 8.23 to 8.28 of EPD's <i>Guidance Note</i> will be followed.	To protect workers from landfill gas risk	Confined space within the construction works area	SENTX Contractor		✓			Implemented

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		In the event of the trigger levels being exceeded, it is recommended that a person, such as the Safety Officer, is nominated, with deputies, to be responsible for dealing with any emergency which may occur due to landfill gas. In an emergency situation, the nominated person, or his deputies, shall have the necessary authority and shall ensure that the confined space is evacuated and the necessary works implemented for reducing the concentrations of gas. The appropriate organisations shall be contact.									
8.6.3	LFG4	Implementation of engineering measures according to Contract Specification requirements. These measures will include the placement of liner and installation of landfill gas management system to contain, manage and control landfill gas.	To protect workers from landfill gas risk	SENTX Site	SENTX Contractor	✓	√	√	✓	EIAO-TM Annex 7	Implemented
8.6.3	LFG5	Engineering measures to significant engineering measures will be required in the design of the SENTX to protect the staff working in the infrastructure area. These measures include a combination of passive and active systems (examples are recommended in EPD's <i>Guidance Notes</i>). Landfill gas monitoring boreholes will be installed at the edge of the waste slope	Ü	Infrastructure Area	SENTX Contractor	✓	√			EPD's Landfill Gas Hazards Assessment Guidance Note EIAO-TM Annex 7	Implemented

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			Concerns to address		me measure:	D (C	O/K A	measure to acmeve?	
		between the waste and the new infrastructure area to monitor the migration of landfill gas, if any.								
Ecology -	Construct	tion Phase								
9.10.2	EC1	Measures to control construction runoff:	water quality impacts		SENTX Contractor	,	✓		EIAO-TM Annex 16	Implemented
		• Exposed soil areas will be							ProPECC PN 1/94	
		minimised to reduce the contamination of runoff and erosion;							Water Pollution Control Ordinance (WPCO)	
									EIAO-TM Annex 6	
		To prevent stormwater runoff from washing across exposed soil surfaces, perimeter channels will be constructed in advance of site formation works and earthworks and intercepting channels will be provided for example along the edge of excavation;								Deficiency of mitigation measures but rectified by the Contractor
		 Silt removal facilities, channels and manholes will be maintained and the deposited silt and grit will be removed regularly to ensure they are functioning properly at all times; 							-	Deficiency of mitigation measures but rectified by the Contractor
		 Temporary covers such as tarpaulin will also be provided to minimise the generation of high suspended solids runoff; 							-	Implemented

EM&A Ref	f Mitigation Measures	Recommended the Measures in	Who to	When to implement the measure? (1)				What requirements	Implementation Status and Remarks	
			the Medicales	the measure?					measure to achieve?	
	The surface runoff contained any oil and grease will pass through the oil interceptors; and,								-	Not applicable
	 Control measures, including implementation of excavation schedules, lining and covering of excavated stockpiles will be implemented to minimise contaminated stormwater run-off from the SENTX site. 								-	Implemented
EC2	Good Construction Practice:									
	 Fences along the boundary of the SENTX Site will be erected before the commencement of works to prevent vehicle movements, and encroachment of personnel, onto adjacent areas. 	To minimise potential ecological impacts arising from the Project	SENTX Site	SENTX Contractor		√			EIAO-TM Annex 16	Implemented
	 The work site boundaries will be regularly checked to ensure that they are not breached and that damage does not occur to surrounding areas. 									
EC9	Environmental Monitoring & Audit Requirements	T	CENTEN.	OEN HEN		,	,	,	FIAO TM A	
	The implementation of the ecological mitigation measures should be checked as part of the environmental monitoring and audit procedures during the	adverse ecological impacts are prevented	SEN1X	SENTX Contractor		•	•	•	EIAO-1NI Annex 16	Implemented
	Ref EC2	The surface runoff contained any oil and grease will pass through the oil interceptors; and, Control measures, including implementation of excavation schedules, lining and covering of excavated stockpiles will be implemented to minimise contaminated stormwater run-off from the SENTX site. EC2 Good Construction Practice: Fences along the boundary of the SENTX Site will be erected before the commencement of works to prevent vehicle movements, and encroachment of personnel, onto adjacent areas. The work site boundaries will be regularly checked to ensure that they are not breached and that damage does not occur to surrounding areas. EC9 Environmental Monitoring & Audit Requirements The implementation of the ecological mitigation measures should be checked as part of the environmental monitoring	Ref Mitigation Measures Procedure & Main Concerns to address The surface runoff contained any oil and grease will pass through the oil interceptors; and, Control measures, including implementation of excavation schedules, lining and covering of excavated stockpiles will be implemented to minimise contaminated stormwater run-off from the SENTX site. Fec2 Good Construction Practice: Fences along the boundary of the SENTX Site will be erected before the commencement of works to prevent vehicle movements, and encroachment of personnel, onto adjacent areas. The work site boundaries will be regularly checked to ensure that they are not breached and that damage does not occur to surrounding areas. 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Recommended the Measures implement the measure? Of the measure in the measure in the measure? Of the measure in the measure	Recommended Measure & Main Concerns to address	Recommended Measures Main Concerns to address **Interpretation of excavation schedules, liming and covering of excavated stockylies will be implemented to minimise contaminated stormwater run-off from the SENTX site will be erected before the commencement of works to adjacent areas. **Prevent which is moved site boundaries will be recognized and encroachment of personnel, onto adjacent areas.** **Project** **Proje

EIA Ref.	EM&A Ref	&A Environmental Protection Measures/ Mitigation Measures	Objectives of the Recommended	Location of the Measures	Who to implement	the	meas	implement sure? (1)	What requirements or standards for the measure to achieve?	Implementation Status and Remarks
			Measure & Main Concerns to address		the measure?	D	С	O/R A		
		construction period.								
Landscape	e and Visu	aal - Construction Phase								
10.6.5	LV1	CM1 - The construction area and area allowed for the contractor's office, leachate treatment plant and laboratory areas will be minimised to a practical minimum, to avoid impacts on adjacent landscape.	To minimise the landscape and visual impacts	SENTX Site	SENTX Contractor		✓		EIAO-TM Annex 18 and ETWBC 3/2006	Implemented
10.6.5	LV2	CM2 - Topsoil, where identified, will be stripped and stored for re-use in the construction of the soft landscape works, where practical. The Contract Specification will include storage and reuse of topsoil as appropriate.	To minimise the landscape and visual impacts	All construction works area	SENTX Contractor		✓		EIAO-TM Annex 18	Not applicable
10.6.5	LV3	CM3 - All existing trees at the edges of the landfill will be carefully protected during construction. Detailed Tree Protection Specification will be provided in the Contract Specification. Under this Specification, the Contractor will be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in Contractor's works areas.	To minimise the landscape and visual impacts	Potential impacted area	SENTX Contractor		✓		EIAO-TM Annex 18 and ETWBC 3/2006	Implemented
10.6.5	LV4	CM4 - Trees unavoidably affected by the works will be transplanted, where necessary and practical. A detailed Tree	landscape and visual	Potential impacted area	SENTX Contractor	✓	✓		EIAO-TM Annex 18 and ETWBC 3/2006	Not applicable

EIA Ref.	EM&A Ref	A Environmental Protection Measures/ Mitigation Measures	Objectives of the Recommended Measure & Main Concerns to address	Location of the Measures	Who to implement			implement sure? (1)	What requirements or standards for the measure to achieve?	Implementation Status and Remarks
					the measure?	D	С	O/R A		
		Transplanting Specification will be provided in the Contract Specification, if applicable. Sufficient time for necessary tree root and crown preparation periods will be allowed in the project programme.								
10.6.5 and SENTX latest design	LV5	CM5 - Within 3 months of taking possession of the SENTX Site, the Contractor will plant advance screen planting of native species at Light Standard size at 1.5m centres along the High Junk Peak Trail so as to screen views of the Works from the trail. Tree planting locations will be agreed with AFCD. Works will be completed within 9 months of taking possession of the SENTX Site.	To minimise the landscape and visual impacts	At High Junk Peak Hiking Trail	SENTX Contractor		✓		EIAO-TM Annex 18	Implemented
10.6.5	LV6	CM6 - The Contractor's office, leachate treatment plant and laboratory will be given an aesthetic treatment in earth tones to reduce their visual impact and albedo and blend them into the surrounding landscape.	To minimise the landscape and visual impacts	Infrastructure area	SENTX Contractor	✓	✓		EIAO-TM Annex 18	Implemented
10.6.5	LV7	CM7 - The Contractor's office, leachate treatment plant and laboratory will be surrounded by a minimum of 5m wide and 0.75m high earth bund on the west and south sides planted with a dense screen of tree and shrub vegetation. Additional tree planting will be provided in unused spaces with thin infrastructure	To minimise the landscape and visual impacts	Infrastructure area	SENTX Contractor	✓	✓		EIAO-TM Annex 18 and ETWBC 7/2002	Not applicable

EIA Ref.	EM&A Ref	A Environmental Protection Measures/ Mitigation Measures	,	Location of the Measures	Who to implement			implement ure? ⁽¹⁾	What requirements or standards for the	Implementation Status and Remarks
			Measure & Main Concerns to address		the measure?	D	С	O/R A	measure to achieve?	
		site, along access roads and in and around car parks. This will be supplemented with shrub planting, where appropriate.								
10.6.5	LV8	CM8 - Planting trials will be carried out in an on-site nursery prior to implementation of the first phase of restoration to establish the best planting matrix and management intensity of the recommended plant materials for the restoration.	To minimise the landscape and visual impacts	SENTX Site	SENTX Contractor		✓		EIAO-TM Annex 18	Implemented
11.4.1 and SENTX latest design	LV9	During the preparation of the detailed landscape design plan, the design submission will be audited against the recommendation proposed in the <i>ER Report</i> by the Registered Landscape Architect from the ET.	To ensure the implementation of mitigation measures proposed in this EIA Report	SENTX Site	SENTX Contractor/E T	✓	✓		EIAO-TM Annex 18	Implemented