

Inspection Date:	06 November 2023	Inspected By:	Jason Man
Time:	14:00	Weather Condition:	Sunny
Participants:	Kim Tang (ER), Matt Choy (Contractor), Jason Man (ET)		

A	Permits/Licenses	N/A or Not Observed	Yes	No	Remarks / Photo
A1	Are Environmental Permit, license/ other permit displayed at major site exit and vehicle access?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A2	Are Construction Noise Permits/ Environmental license/ other permit available for inspection/posted at site entrance.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A3	Is wastewater discharge licence available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A4	Are trip tickets for chemical waste and construction waste disposal available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A5	Are relevant licence/permit for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

B	Air Quality	N/A or Not Observed	Yes	No	Remarks / Photo
B1	Is open burning avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B2	Are plant and equipment well maintained (i.e. without black smoke from powered plant)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B3	Any remedial action undertaken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B4	Are the worksites wetted with water regularly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 25 Sep 2023 Observation 1
B5	Are NRMM labels properly affixed on the PMEs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B6	Observed dust source(s)	<input checked="" type="checkbox"/> Wind erosion <input checked="" type="checkbox"/> Vehicle/ Equipment Movements <input checked="" type="checkbox"/> Loading/ unloading of materials <input type="checkbox"/> Others: _____			
Air Pollution Control (Construction Dust) Regulation					
Part I Control Requirements for Notifiable Works					
Demolition of building					
B7	Is the area involved demolition activities sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Construction of the superstructure of a building					
B8	Is scaffolding erected around the perimeter of a building under construction?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

B9	Are effective dust screens, sheeting or netting provided to enclose the scaffolding from the ground floor level of the building, or a canopy provided from the first floor level up to the highest level of the scaffolding?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 6 Nov 2023 Observation 1
B10	Is the skip for materials transport enclosed by impervious sheeting ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
Part III General Control Requirements					
Site boundary and entrance					
B11	Are wheel washing facilities with high pressure water jet provided at all site exits if practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B12	Are the areas of washing facilities and the road section between the washing facilities and the exit point paved with concrete, bituminous materials or hardcore?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B13	Are the hoarding $\geq 2.4\text{m}$ tall provided at the site boundary near a road, street, service lane or other area accessible to the public?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Assess road					
B14	Are every main haul road (having a vehicle passing rate of higher than 4 in any 30 minutes) paved with concrete, bituminous materials, hardcore or metal plates, and kept clear of dusty materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B15	Are every main haul road sprayed with water or a dust suppression chemical?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B16	Is the portion of any road leading only to construction site (within 30m of a vehicle entrance or exit) kept clear of dusty materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B17	Are appropriate speed limit sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B18	Is unpaved main haul road wet by water spraying?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 25 Sep 2023 Observation 1
Cement and dry pulverized fuel ash (PFA)					
B19	Is every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) covered entirely by impervious sheeting or placed in an area sheltered on the top and 3 sides?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
B20	Are the activities of loading, unloading, transfer, handing or storage of bulk cement or dry PFA carried out in a totally enclosed system or facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B21	Is any vent or exhaust fitted with an effective fabric filter or equipment air pollution control system ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Exposed earth					
B22	Is the exposed earth properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabilizer within 6 months after last construction activity on the construction site or part of the construction site where the exposed earth lies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Part IV Control Requirements for Individual Activities					
Stockpiling of dusty materials					
B23	Are the stockpiling of dusty materials (a) covered entirely by impervious sheeting or (b) placed in an area sheltered on the top and the 3 sides or (c) sprayed with water or a dust suppression chemical to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B24	Is the stockpile of dusty materials avoid to be extend beyond the pedestrian barriers, fencing or traffic cones ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Loading, unloading or transfer of dusty materials					
B25	Are all dusty materials sprayed with water or a dust suppression chemical immediately prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B26	Are all trucks loaded to a level within the side and tail boards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Use of vehicles					
B27	Are every vehicle washed immediately to remove any dusty materials from its body and wheels before leaving a construction site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B28	Are loaded dump trucks covered by impervious sheeting appropriately before leaving the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B29	Are site vehicle movements confined to designated roads?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pneumatic or power-driven drilling, cutting and polishing					
B30	Are surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operations takes place sprayed with water or a dust suppression chemical continuously? *Unless the process is accompanied by the operation of an effective dust extraction and filtering device.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Debris handling					
B31	Are any debris covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the 3 sides?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B32	Are every debris chute shall be enclosed by impervious sheeting or similar materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B33	Are the watering spray or a dust suppression chemical conducted before debris is dumped into a debris chute?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Excavation or earth moving				
B34	Are the working area of any excavation or earth moving operation sprayed with water or a dust suppression chemical immediately before, during and immediately after the operation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Site clearance				
B35	Are the working area for the uprooting of trees, shrubs, or vegetation or for the removal of boulders, poles, pillars or temporary or permanent structures sprayed with water or a dust suppression chemical immediately before, during and immediately after the operation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B36	Are all demolished items (including trees, shrubs, vegetation, boulders, poles, pillars, structures, debris, rubbish and other items arising from site clearance) that may dislodge dust particles covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides within a day of demolition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

C	Construction Noise	N/A or Not Observed	Yes	No	Remarks / Photo
C1	Is well-maintained plant operated on-site and plant served regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C2	Are vehicles and equipment switched off or throttled down while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C3	Is the noise directed away from nearby NSRs ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C4	Are the silencers or mufflers properly fitted on construction equipment and maintained regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
C5	Are mobile and/or noisy plant sited as far away from NSRs as possible and practicable and orientated so that the noise is directed away from nearby NSRs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C6	Are material stockpiles , mobile container office and other structures utilised to screen noisy activities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C7	Is temporary hoarding installed located on the site boundaries between noisy construction activities and NSRs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C8	Are noise barriers (typically density @14kg/m ²) acoustic mat or full enclosure close to noise plants including air compressor, generators and saw etc. provided to protect NSRs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
C9	Is the sequencing operation of construction plants where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C10	Is the hoarding maintained properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C11	Air compressors (500 kPa or above) and hand held percussive breaker (mass of above 10 kg) with valid noise labels?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
C12	Are compressor operated with doors closed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C13	QPME used with valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C14	Major noise source(s)	<input checked="" type="checkbox"/> Traffic <input checked="" type="checkbox"/> Construction activities inside of site <input type="checkbox"/> Construction activities outside of site <input type="checkbox"/> Others: _____			

D	Water Quality	N/A or Not Observed	Yes	No	Remarks / Photo
Construction Runoff					
D1a	At the start of site establishment, are perimeter cut-off drains constructed to direct off-site water around the site with internal drainage works and erosion and sedimentation control facilities implemented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D1b	Are channels, earth bunds or sandbag barriers provided on site to properly direct stormwater to silt removal facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 6 Nov 2023 Observation 2
D2a	Have dikes or embankments for flood protection implemented around the boundaries of earthwork areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D2b	Have temporary ditches provided to facilitate the runoff discharge into an appropriate watercourse, through a site/ sediment trap?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D2c	Are the sediment/ silt traps incorporated in the permanent drainage channels to enhance deposition rate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D3	Are the retention time for silt/s and traps of the silt removal facilities be 5 minutes under maximum flow conditions?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 18 Sep 2023 Observation 6
D4a	Are surface excavation works minimised during rainy seasons (April to September), as possible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D4b	Are all exposed earth areas completed or vegetated as soon as possible after earthworks completed, or alternatively, within 14 days of the cessation of earthworks where practicable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D4c	Are exposed slope surfaces covered by tarpaulin sheets?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Shotcrete in progress. Refer to 6 Nov 2023 Observation 4
D5a	Have the overall slope of the site should be kept a minimum?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D5b	Are all trafficked areas and access roads protected by coarse stone ballast?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D6a	Are all drainage facilities and erosion and sediment control structures inspected regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D6b	Are all drainage facilities and erosion and sediment control structures maintained to ensure proper and efficient operation at all times and particularly following rainstorms?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D6c	Is the deposited silt and grit removed regularly and disposed of by spreading evenly over stable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D7a	Have the excavation of trenches in wet periods be dug and backfilled in short sections?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D7b	Is rainwater pumped out from trenches discharged into storm drains via silt system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D8	Are open stockpiles of construction materials e.g. aggregates and sand of more than 50m ³ on site covered with tarpaulin or similar fabric during rainstorms?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

D9a	Are manholes adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D9b	Are the discharges of surface run-off into foul sewer always prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10a	Are particular attention paid to the control of silty surface runoff during storm event ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10b	Are the precautions to be taken at any time of year when rainstorms are likely? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be maintained and the deposited silt and grit should be removed regularly. ii. Temporarily exposed slope surfaces should be cover by tarpaulin. iii. Temporary access roads should be protected by crushed stone or gravel. iv. Intercepting channels should be provided (e.g. along the crest/edge of excavation) to prevent storm runoff from washing across exposed soil surfaces. v. Trenches should be dug and backfilled in short sections. Measures should be taken to minimize the ingress of rainwater into trenches.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10c	Are the actions to be taken when a rainstorm is imminent or forecast ? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be checked to ensure that they can function properly. ii. Open stockpiles of construction materials (e.g. aggregates, sand and fill materials) on site should be covered with tarpaulin or similar fabric. iii. All temporary covers to slopes and stockpiles should be secured.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10d	Are the actions to be taken during or after rainstorms ? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be checked and maintained to ensure satisfactory working conditions. Attention should be given to safety when carrying out this work.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11a	Are all vehicles and plant cleaned before leaving a construction site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11b	Is the wheel washing bay provided at every site exit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11c	Are the vehicle wash-water have sand and silt settled out and removed at least on a weekly basis?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11d	Is the wheel wash overflow directed to silt removal facilities before being discharged to the storm drain?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D11e	Is the section of construction road between the wheel washing bay and the public road paved with backfill?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11f	Is the treated wastewater reused for vehicle washing, dust suppression and general cleaning ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D12a	Are oil interceptors provided in the site drainage system downstream of any oil/ fuel pollution sources?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

D12b	Are the oil interceptors emptied and cleaned regularly to prevent the release of O&G into the storm water drainage system after accidental spillage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D12c	Has a bypass provided to prevent flushing during heavy rain?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D13	Are the construction solid waste, debris and rubbish on site collected, handled and disposed of properly? (same with waste item)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D14	Are all fuel tanks and storage areas provided with locks and sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 30 Oct 2023 Observation 1
D15	Is intercepting bund or barrier along the roadside constructed to prevent pollution risk arising from work area (waste reception area)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D16	Are site drainage systems provided over the entire project site with sediment control facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D17	Are sedimentation tanks provided to treat the large amount of sediment-laden wastewater generated from wheel washing, site runoff and construction works?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D18	Is there any sediment plume observed in nearby watercourses?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sewage Effluent from Workforce (On-site sanitary facilities)					
D19a	Are portable chemical toilets and sewage holding tanks provided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D19b	Is the sewage generated from toilets collected by licensed contractor and responsible for disposal and maintenance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D20	Are the notices posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the nearby environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
Accidental Spillage of Chemical (Service workshop and maintenance facilities)					
D21a	Are the service workshop and maintenance facilities located within a bunded area, and sumps and oil interceptors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D21b	Are all maintenance of equipment involving activities with potential for leakage and spillage undertaken within the areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D21c	Is chemical leakage or spillages contained and cleaned up immediately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
Surface Water Drainage System					
D22a	Is the temporary surface water drainage system provided to manage runoff?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22b	Does the system consist of channel as constructed around the perimeter of the site area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22c	Does the system collect surface water from the areas of higher elevations to those of lower elevations and ultimately to the discharge point?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22d	Is the erosion minimised?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D23a	Does the system include the use of a silt fence around the soil stockpile areas to prevent sediment from entering the system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

D23b	Is the regular cleaning carried out to prevent blockage of the passage of waste flow in silt fence?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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E	Waste / Chemical Management	N/A or Not Observed	Yes	No	Remarks / Photo
Waste Management					
General Waste					
E1	Is the general waste generated on-site stored in enclosed bins or compaction units separately from the construction and chemical wastes?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 6 Nov 2023 Observation 3
E2a	Is the general waste collected properly by using the waste separation facilities for paper, aluminium cans, plastic bottles etc.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E2b	Does accumulation of waste avoid?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E2c	Is waste disposed regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E2d	Regular waste collection by approved waste collector in purpose-built vehicles?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E3	Burning of refuse on construction site prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C&D Materials					
E4a	Are there any contract documents provided to allow and promote the use of recycled aggregates where appropriate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E4b	Are the C&D materials sorted and recycled on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5a	Is the durable formwork or plastic facing for construction works used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5b	Do the wooden hoardings avoid to be used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5c	Is metal hoarding used to enhance the possibility of recycling?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6a	Are the concrete and masonry used as general fill ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6b	Are the steel reinforcement bars used by scrap steel mills?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6c	Is the segregation and storage of C&D wastes undertaken in designated area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6d	Does the use of reusable steel formwork maximise?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E7a	Are the temporary stockpiles maintained regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E7b	Is the excavated fill material reused for backfilling and reinstatement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8a	Are the excavated slope, stockpile material and bund walls covered by tarpaulin?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8b	Are covering trucks or transporting wastes in enclosed containers when transportation of waste ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8c	Are waste storage area properly cleaned and do not cause windblown litter and dust nuisance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E9	Is hydroseeding of the topsoil on the stockpile implemented to improve visual appearance and prevent soil erosion?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E10	Is the nomination of approved personnel to be responsible for good site practices and making arrangements for collection of all wastes generated on-site and effective disposal implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

E11	Are the training of site personnel for cleanliness, proper waste management procedures including chemical waste handling, and waste reduction, reuse and recycling concept implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E12	Are the regular cleaning and maintenance programme for drainage systems, sumps, oil interceptors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E13a	Are wood, steel and other metals separated for re-use and/or recycling?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E13b	Do the excavated materials appear contaminated?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>									
E13c	If suspected contaminated, appropriate procedures followed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A								
E14	Is the disposal of C&D materials avoided onto any sensitive locations e.g. agricultural lands etc.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E15	Are the public fill and C&D waste segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Chemical Waste / Waste Oil													
E16	Are chemicals and waste oil recycled or disposed properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 3 Oct 2023 Observation 1 Refer to 30 Oct 2023 Observation 1								
Chemical Packaging													
E17a	Have the containers a capacity of <450 L unless the specification has been approved by EPD?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A								
E17b	Are the containers (holding, resistant to corrosion, maintained in a good condition, and securely closed) used for storage of chemical wastes ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 30 Oct 2023 Observation 1								
Chemical Labelling													
E18	Is chemical waste or waste oil stored and labelled in English and Chinese properly in designated area? <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Capacity of Container</th> <th>Dimensions of Label</th> </tr> </thead> <tbody> <tr> <td>< 50L</td> <td>No less than 90 x 100mm</td> </tr> <tr> <td>50 to 450L</td> <td>No less than 120 x 150mm</td> </tr> <tr> <td>> 450L</td> <td>No less than 180 x 200mm</td> </tr> </tbody> </table>	Capacity of Container	Dimensions of Label	< 50L	No less than 90 x 100mm	50 to 450L	No less than 120 x 150mm	> 450L	No less than 180 x 200mm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Capacity of Container	Dimensions of Label												
< 50L	No less than 90 x 100mm												
50 to 450L	No less than 120 x 150mm												
> 450L	No less than 180 x 200mm												
Chemical Waste / Fuel Storage Area													
E19a	Are the storage area are clearly labelled and separated (if needed)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19b	Are the storage area enclosed 3 sides by walls/fence of ≥2m tall and bounded with adequate bund capacity (>110% of largest container) or do the storage area allow storage of 20% of total volume of waste ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19c	Do the storage areas have adequate ventilation and be covered to prevent rainfall entering and reduce heat from sunlight?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19d	Are the fuel tanks and chemical storage areas provided with locks and sited on sealed areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								

E20	Is chemical waste collected by licensed waste collectors and disposed of at licensed facility eg. Chemical Waste Treatment Centre?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Records					
E21	Is a licensed waste hauler used for waste collection ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E22	Are the records of quantities of wastes generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E23	For the demolition material / waste, is the number of loads for each day recorded as appropriate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

F	Landfill Gas (LFG)	N/A or Not Observed	Yes	No	Remarks / Photo
Within NENT Landfill Extension					
F1	Are special LFG precautions taken to avoid potential hazards of LFG exposure (ignition, explosion, asphyxiation, toxicity)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F2	Are prominent safety warning signs erected on-site to alert all personnel and visitors of LFG hazards during excavation works.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F3	Is no smoking or burning permitted on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F4	Are prominent 'No smoking' and 'No Naked Flames' signs erected on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F5	Is no worker allowed to work alone at any time in excavated trenches or confined areas on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F6	Is adequate fire fighting equipment provided on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F7	Are construction equipment equipped with vertical exhaust at least 0.6m above ground installed with spark arrestors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F8	Are electrical motors and extension cords explosion-proof and intrinsically safe for use on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F9	Is 'Permit to Work' system implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F10	Are welding, flame-cutting or other hot works conducted only under 'Permit to Work' system following clear safety requirements, gas monitoring procedures and presence of qualified persons to supervise the works?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F11a	For pipng assembly or conduit construction , are all valves and seals closed immediately after installation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11b	Are the pipe ends sealed on one side during installation if installation of large diameter pipes (diameter > 600mm) is required?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11c	Is forced ventilation implemented prior to operation of installed pipeline ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11d	Is forced ventilation implemented for works inside trenches deeper than 1m ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F12	Is frequency and location of LFG monitoring within excavation area determined prior to commencement of works? *LFG monitoring in excavations should be conducted at < 10mm from exposed ground surface.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F13	For excavation works, Is LFG monitoring conducted (1) at ground surface prior to excavation, (2) immediately before workers entering excavations, (3) at the beginning of each half-day work, and (4) periodically throughout the working day when workers are in the excavation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

(Construction Phase)

Environmental Site Inspection Checklist (Rev. 3)

F14	Are LFG monitoring conducted periodically when any cracks on ground level encountered on-site? *Appropriate action should be taken in accordance with the action plan in Table 7.6 of EIA Report.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F15a	Are LFG precautionary measures involved in excavation and pipng works provided in accordance with LFG Guidance Note and included in Safety Plan of construction phase?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F15b	Are temporary offices or buildings located where free LFG has been proven or raised clear of ground at a separation distance of at least 500mm?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F16	Is a Safety Officer trained in the use of gas detection equipment and LFG- related hazards present on-site throughout the groundwork phase? *The Safety Officer should be provided with an intrinsically safe portable instrument appropriately calibrated and capable of measuring the following gases: •CH ₄ : 0-100% and LEL: 0-100%/v •CO ₂ : 0-100% •O ₂ : 0-21%	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17a	Periodically during groundwork construction, Is the works area monitored for CH ₄ CO ₂ and O ₂ using appropriately calibrated portable gas detection equipment? *The monitoring frequency and areas should be established prior to commencement of groundwork either by Safety Officer or appropriately qualified person.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17b	Is routine monitoring carried out in all excavations, manholes, created by temporary storage of building materials on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17c	Are all measurements in excavations made with monitoring tube located < 10mm from exposed ground surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F18	For excavations > 1m, are measurements conducted? • At ground surface before excavation commences; • Immediately before any worker enters the excavation; • At the beginning of each working day for entire period the excavation remains open; and • Periodically throughout the working day whilst workers are in excavation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F19	For excavations 300mm to 1m, are measurements conducted? • Directly after excavation has been completed; and • Periodic all whilst excavation remains open.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F20	For excavations < 300mm, are monitoring omitted at the discretion of Safety Officer or appropriately qualified person?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

G	Landscape and Visual Impacts	N/A or Not Observed	Yes	No	Remarks / Photo
G1	Is the work site confined within site boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G2	Is damage to surrounding areas avoided ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G3	Are the protective fencing erected along or beyond the perimeter of the tree protection zone of each individual tree?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Advanced screening tree planting					
G4a	Is early planting using fast growing plants and tall shrubs at strategic locations within site implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G4b	Are the roadside planter and shrub planting implemented in front of Cheung Sha Temple ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Boundary Green Belt planting					
G5	Are the fast growing and fire-resistant plant species planted around the site perimeter?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Temporary landscape treatment as green surface cover					
G6	Are grass hydroseeding or synthetic covering material of green colour used as a temporary slope cover ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Existing tree preservation					
G7	Are existing and affected tree which identified as ecological significant preserved whenever possible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

H	Ecology	N/A or Not Observed	Yes	No	Remarks / Photo
H1	Is transplantation of the important plant species implemented? Is post-transplantation maintained and monitored regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

I	Environmental Complaint	N/A or Not Observed	Yes	No	Remarks / Photo
I1	Environmental Complaint received during this week?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
J General Housekeeping / Others					
J1	Are the defined boundaries of working areas identified to prevent loss of vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
J2	Are the portable toilets maintained in a state, which will not deter the workers from utilizing these portable toilets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Follow up action for previous Site Inspection:

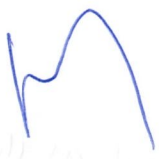


1. 25 September 2023 Observation 1 – The water spraying by the water truck was arranged from the contractor at the access road of SBA.

Observation(s):

1. The outside surrounding of the scaffolding without dust screen, sheeting or netting is found at the Portion D.
2. The muddy water which is caused from the water spraying by the water sprinkler at the Portion A is found. The deposited silt and grit are found under the tower crane at the Portion A.
3. The food waste is found at the waste skip of SBA. The general waste should be stored in the enclosed bins.
4. The slope surface at the Portion E4 should be covered by impervious sheet properly.


Corrective Actions – Mitigation Measures Implemented or Proposed (if any):

1. The contractor has been advised that the effective dust screens, sheeting or netting should be provided to enclose the scaffolding from the ground floor level of the building, or a canopy provided from the first floor level up to the highest level of the scaffolding.
2. The contractor has been recommended that the sandbag barriers or bunds should be provided and established along the water safety barriers at the Portion A. The muddy water should be collected from the proper channel, final to the silt removal facility for treatment. The deposited silt and grit under the tower crane at the Portion A should be removed.
3. The contractor has been advised that the additional enclosed bin should be increased at the SBA. The “type of waste” label should be labelled at the surrounding of the enclosed bins or waste skip for easily identify for on-site workers.
4. The contractor has been advised to cover the exposed slope surface by impervious sheet properly.

	Environmental Team's Representative:	Independent Environmental Checker's Representative:	Contractor's Representative:	Employee's Representative
Signature:		/		
Name:	Jason Man	/	Matt Choy/Kristy Wong	Sylvia Ho
Date:	6 November 2023	/	6 November 2023	6 November 2023


PART I Follow-up status of the previous site inspection

Observation and Recommendation	Follow-up status
<p><u>18 September 2023 Observation 6</u></p>  <p>Sediment/ silt traps shall be incorporated in the temporary drainage system to enhance retention time for silt/s and traps of the silt removal facilities be 5 minutes under maximum flow conditions.</p>	<p>Waiting for contractor input</p>
<p><u>25 September 2023 Observation 1</u></p> <p><u>SBA</u></p>   <p>The main haul road and work site should be wetted regularly to minimize the dust dispersion.</p>	<p><u>SBA</u></p>  <p>The water spraying by the water truck was arranged from the contractor at the access road of SBA.</p>

Observation and Recommendation	Follow-up status
<p data-bbox="134 248 422 275">3 October 2023 Observation 1</p>  <p data-bbox="134 792 759 819">The stagnant water in drip tray should be cleared of in Portion E4.</p>	<p data-bbox="963 521 1246 548">Waiting for Contractor's Input</p>


Observation and Recommendation	Follow-up status
<p data-bbox="132 244 435 271">30 October 2023 Observation 1</p>  <p data-bbox="132 1252 764 1357">The storage area of chemical containers at Portion E3-1 is without drip tray and other properly setup etc. to prevent the chemicals rainfall entering and reduce heat from sunlight and avoid the risk of land contamination.</p>	<p data-bbox="970 788 1235 815" style="text-align: center;">Waiting for Contractor Input</p>

PART II Observation and recommendation identified during the environmental site inspection







Observation and Recommendation	Follow-up status
<p data-bbox="132 288 485 320"><u>6 November 2023 Observation 1</u></p>  <p data-bbox="132 817 766 1025">The outside surrounding of the scaffolding without dust screen, sheeting or netting is found at the Portion D. The contractor has been advised that the effective dust screens, sheeting or netting should be provided to enclose the scaffolding from the ground floor level of the building, or a canopy provided from the first floor level up to the highest level of the scaffolding.</p>	<p data-bbox="970 645 1236 676">Waiting for Contractor Input</p>

Observation and Recommendation	Follow-up status
<p data-bbox="132 248 485 277"><u>6 November 2023 Observation 2</u></p>  <p data-bbox="132 1256 762 1554">The muddy water which is caused from the water spraying by the water sprinkler at the Portion A is found. The deposited silt and grit are found under the tower crane at the Portion A. The contractor has been recommended that the sandbag barriers or bunds should be provided and established along the water safety barriers at the Portion A. The muddy water should be collected from the proper channel, final to the silt removal facility for treatment. The deposited silt and grit under the tower crane at the Portion A should be removed.</p>	<p data-bbox="970 891 1235 920" style="text-align: center;">Waiting for Contractor Input</p>

Observation and Recommendation	Follow-up status
<p data-bbox="130 248 485 277"><u>6 November 2023 Observation 3</u></p>   <p data-bbox="130 1420 766 1599">The food waste is found at the waste skip of SBA. The general waste should be stored in the enclosed bins. The contractor has been advised that the additional enclosed bin should be increased at the SBA. The “type of waste” label should be labelled at the surrounding of the enclosed bins or waste skip for easily identify for on-site workers.</p>	<p data-bbox="970 909 1238 938">Waiting for Contractor Input</p>

Observation and Recommendation	Follow-up status
<p data-bbox="132 248 485 277"><u>6 November 2023 Observation 4</u></p>  <p data-bbox="132 779 762 837">The slope surface at the Portion E4 should be covered by impervious sheet properly.</p>	<p data-bbox="970 528 1235 557">Waiting for Contractor Input</p>

PART III Temporary Surface Water Drainage System (TSWDS) Photo Record during the environmental site inspection

<p>Portion A</p>	<p>Portion A</p>
	
<p>Silt Fence with temporary ditches at SBA</p>	<p>Sedimentation Basin at SBA</p>
	
<p>Channel at SBA</p>	<p>Silt Fence with temporary ditches at SBA</p>
	

Channel at SBA	Channel at SBA
	
Existing Channel at Portion E3	Concret block & Sedimentation Basin at Portion E3
	
Existing Channel at Portion E3	TSWDS at Portion D
	

TSWDS at Portion D	Sedimentation Basin at Portion E4
 A photograph showing the construction of a TSWDS (Temporary Sedimentation and Water Diversion Structure) at Portion D. The image displays concrete retaining walls and a network of pipes. Construction materials, including bags of cement and wooden planks, are scattered on the ground. The area appears to be a construction site with some vegetation in the background.	 A photograph of a sedimentation basin at Portion E4. A large blue metal structure is visible on the left side. The basin contains a pond of turbid, yellowish-brown water. The surrounding area is a mix of dirt and vegetation. In the foreground, there is orange and white safety fencing. The sky is clear and blue.

Inspection Date:	13 November 2023	Inspected By:	Jason Man
Time:	14:00	Weather Condition:	Sunny
Participants:	Kim Tang (ER), Matt Choy (Contractor), Jason Man (ET)		

A	Permits/Licenses	N/A or Not Observed	Yes	No	Remarks / Photo
A1	Are Environmental Permit, license/ other permit displayed at major site exit and vehicle access?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A2	Are Construction Noise Permits/ Environmental license/ other permit available for inspection/posted at site entrance.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A3	Is wastewater discharge licence available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A4	Are trip tickets for chemical waste and construction waste disposal available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A5	Are relevant licence/permit for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

B	Air Quality	N/A or Not Observed	Yes	No	Remarks / Photo
B1	Is open burning avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B2	Are plant and equipment well maintained (i.e. without black smoke from powered plant)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B3	Any remedial action undertaken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B4	Are the worksites wetted with water regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B5	Are NRMM labels properly affixed on the PMEs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B6	Observed dust source(s)	<input type="checkbox"/> Wind erosion <input checked="" type="checkbox"/> Vehicle/ Equipment Movements <input checked="" type="checkbox"/> Loading/ unloading of materials <input type="checkbox"/> Others: _____			
Air Pollution Control (Construction Dust) Regulation					
Part I Control Requirements for Notifiable Works					
Demolition of building					
B7	Is the area involved demolition activities sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Construction of the superstructure of a building					
B8	Is scaffolding erected around the perimeter of a building under construction?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

B9	Are effective dust screens, sheeting or netting provided to enclose the scaffolding from the ground floor level of the building, or a canopy provided from the first floor level up to the highest level of the scaffolding?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 6 Nov 2023 Observation 1
B10	Is the skip for materials transport enclosed by impervious sheeting ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Part III General Control Requirements					
Site boundary and entrance					
B11	Are wheel washing facilities with high pressure water jet provided at all site exits if practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B12	Are the areas of washing facilities and the road section between the washing facilities and the exit point paved with concrete, bituminous materials or hardcore?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B13	Are the hoarding $\geq 2.4\text{m}$ tall provided at the site boundary near a road, street, service lane or other area accessible to the public?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Assess road					
B14	Are every main haul road (having a vehicle passing rate of higher than 4 in any 30 minutes) paved with concrete, bituminous materials, hardcore or metal plates, and kept clear of dusty materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B15	Are every main haul road sprayed with water or a dust suppression chemical?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B16	Is the portion of any road leading only to construction site (within 30m of a vehicle entrance or exit) kept clear of dusty materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B17	Are appropriate speed limit sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B18	Is unpaved main haul road wet by water spraying?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cement and dry pulverized fuel ash (PFA)					
B19	Is every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) covered entirely by impervious sheeting or placed in an area sheltered on the top and 3 sides?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
B20	Are the activities of loading, unloading, transfer, handing or storage of bulk cement or dry PFA carried out in a totally enclosed system or facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B21	Is any vent or exhaust fitted with an effective fabric filter or equipment air pollution control system ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Exposed earth					
B22	Is the exposed earth properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabilizer within 6 months after last construction activity on the construction site or part of the construction site where the exposed earth lies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Part IV Control Requirements for Individual Activities					
Stockpiling of dusty materials					
B23	Are the stockpiling of dusty materials (a) covered entirely by impervious sheeting or (b) placed in an area sheltered on the top and the 3 sides or (c) sprayed with water or a dust suppression chemical to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
B24	Is the stockpile of dusty materials avoid to be extend beyond the pedestrian barriers, fencing or traffic cones ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Loading, unloading or transfer of dusty materials					
B25	Are all dusty materials sprayed with water or a dust suppression chemical immediately prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B26	Are all trucks loaded to a level within the side and tail boards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Use of vehicles					
B27	Are every vehicle washed immediately to remove any dusty materials from its body and wheels before leaving a construction site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B28	Are loaded dump trucks covered by impervious sheeting appropriately before leaving the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 13 Nov 2023 Observation 1
B29	Are site vehicle movements confined to designated roads?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pneumatic or power-driven drilling, cutting and polishing					
B30	Are surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operations takes place sprayed with water or a dust suppression chemical continuously? *Unless the process is accompanied by the operation of an effective dust extraction and filtering device.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Debris handling					
B31	Are any debris covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the 3 sides?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B32	Are every debris chute shall be enclosed by impervious sheeting or similar materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B33	Are the watering spray or a dust suppression chemical conducted before debris is dumped into a debris chute?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Excavation or earth moving				
B34	Are the working area of any excavation or earth moving operation sprayed with water or a dust suppression chemical immediately before, during and immediately after the operation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Site clearance				
B35	Are the working area for the uprooting of trees, shrubs, or vegetation or for the removal of boulders, poles, pillars or temporary or permanent structures sprayed with water or a dust suppression chemical immediately before, during and immediately after the operation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B36	Are all demolished items (including trees, shrubs, vegetation, boulders, poles, pillars, structures, debris, rubbish and other items arising from site clearance) that may dislodge dust particles covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides within a day of demolition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(Construction Phase)

Environmental Site Inspection Checklist (Rev. 3)

C	Construction Noise	N/A or Not Observed	Yes	No	Remarks / Photo
C1	Is well-maintained plant operated on-site and plant served regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C2	Are vehicles and equipment switched off or throttled down while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C3	Is the noise directed away from nearby NSRs ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C4	Are the silencers or mufflers properly fitted on construction equipment and maintained regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
C5	Are mobile and/or noisy plant sited as far away from NSRs as possible and practicable and orientated so that the noise is directed away from nearby NSRs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C6	Are material stockpiles , mobile container office and other structures utilised to screen noisy activities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C7	Is temporary hoarding installed located on the site boundaries between noisy construction activities and NSRs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C8	Are noise barriers (typically density @14kg/m ²) acoustic mat or full enclosure close to noise plants including air compressor, generators and saw etc. provided to protect NSRs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
C9	Is the sequencing operation of construction plants where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C10	Is the hoarding maintained properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C11	Air compressors (500 kPa or above) and hand held percussive breaker (mass of above 10 kg) with valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C12	Are compressor operated with doors closed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C13	QPME used with valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C14	Major noise source(s)	<input checked="" type="checkbox"/> Traffic <input checked="" type="checkbox"/> Construction activities inside of site <input type="checkbox"/> Construction activities outside of site <input type="checkbox"/> Others: _____			

D	Water Quality	N/A or Not Observed	Yes	No	Remarks / Photo
Construction Runoff					
D1a	At the start of site establishment, are perimeter cut-off drains constructed to direct off-site water around the site with internal drainage works and erosion and sedimentation control facilities implemented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D1b	Are channels, earth bunds or sandbag barriers provided on site to properly direct stormwater to silt removal facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 6 Nov 2023 Observation 2
D2a	Have dikes or embankments for flood protection implemented around the boundaries of earthwork areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D2b	Have temporary ditches provided to facilitate the runoff discharge into an appropriate watercourse, through a site/ sediment trap?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D2c	Are the sediment/ silt traps incorporated in the permanent drainage channels to enhance deposition rate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D3	Are the retention time for silt/s and traps of the silt removal facilities be 5 minutes under maximum flow conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D4a	Are surface excavation works minimised during rainy seasons (April to September), as possible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D4b	Are all exposed earth areas completed or vegetated as soon as possible after earthworks completed, or alternatively, within 14 days of the cessation of earthworks where practicable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D4c	Are exposed slope surfaces covered by tarpaulin sheets?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Shotcrete in progress. Refer to 6 Nov 2023 Observation 4
D5a	Have the overall slope of the site should be kept a minimum?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D5b	Are all trafficked areas and access roads protected by coarse stone ballast?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D6a	Are all drainage facilities and erosion and sediment control structures inspected regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D6b	Are all drainage facilities and erosion and sediment control structures maintained to ensure proper and efficient operation at all times and particularly following rainstorms?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D6c	Is the deposited silt and grit removed regularly and disposed of by spreading evenly over stable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D7a	Have the excavation of trenches in wet periods be dug and backfilled in short sections?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D7b	Is rainwater pumped out from trenches discharged into storm drains via silt system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D8	Are open stockpiles of construction materials e.g. aggregates and sand of more than 50m ³ on site covered with tarpaulin or similar fabric during rainstorms?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

D9a	Are manholes adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D9b	Are the discharges of surface run-off into foul sewer always prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10a	Are particular attention paid to the control of silty surface runoff during storm event ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10b	Are the precautions to be taken at any time of year when rainstorms are likely? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be maintained and the deposited silt and grit should be removed regularly. ii. Temporarily exposed slope surfaces should be cover by tarpaulin. iii. Temporary access roads should be protected by crushed stone or gravel. iv. Intercepting channels should be provided (e.g. along the crest/edge of excavation) to prevent storm runoff from washing across exposed soil surfaces. v. Trenches should be dug and backfilled in short sections. Measures should be taken to minimize the ingress of rainwater into trenches.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10c	Are the actions to be taken when a rainstorm is imminent or forecast ? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be checked to ensure that they can function properly. ii. Open stockpiles of construction materials (e.g. aggregates, sand and fill materials) on site should be covered with tarpaulin or similar fabric. iii. All temporary covers to slopes and stockpiles should be secured.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10d	Are the actions to be taken during or after rainstorms ? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be checked and maintained to ensure satisfactory working conditions. Attention should be given to safety when carrying out this work.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11a	Are all vehicles and plant cleaned before leaving a construction site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11b	Is the wheel washing bay provided at every site exit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11c	Are the vehicle wash-water have sand and silt settled out and removed at least on a weekly basis?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11d	Is the wheel wash overflow directed to silt removal facilities before being discharged to the storm drain?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D11e	Is the section of construction road between the wheel washing bay and the public road paved with backfill?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11f	Is the treated wastewater reused for vehicle washing, dust suppression and general cleaning ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D12a	Are oil interceptors provided in the site drainage system downstream of any oil/ fuel pollution sources?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

D12b	Are the oil interceptors emptied and cleaned regularly to prevent the release of O&G into the storm water drainage system after accidental spillage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D12c	Has a bypass provided to prevent flushing during heavy rain?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D13	Are the construction solid waste, debris and rubbish on site collected, handled and disposed of properly? (same with waste item)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D14	Are all fuel tanks and storage areas provided with locks and sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 30 Oct 2023 Observation 1
D15	Is Intercepting bund or barrier along the roadside constructed to prevent pollution risk arising from work area (waste reception area)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D16	Are site drainage systems provided over the entire project site with sediment control facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D17	Are sedimentation tanks provided to treat the large amount of sediment-laden wastewater generated from wheel washing, site runoff and construction works?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D18	Is there any sediment plume observed in nearby watercourses?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sewage Effluent from Workforce (On-site sanitary facilities)					
D19a	Are portable chemical toilets and sewage holding tanks provided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D19b	Is the sewage generated from toilets collected by licensed contractor and responsible for disposal and maintenance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D20	Are the notices posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the nearby environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
Accidental Spillage of Chemical (Service workshop and maintenance facilities)					
D21a	Are the service workshop and maintenance facilities located within a bunded area, and sumps and oil interceptors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D21b	Are all maintenance of equipment involving activities with potential for leakage and spillage undertaken within the areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D21c	Is chemical leakage or spillages contained and cleaned up immediately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
Surface Water Drainage System					
D22a	Is the temporary surface water drainage system provided to manage runoff?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22b	Does the system consist of channel as constructed around the perimeter of the site area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22c	Does the system collect surface water from the areas of higher elevations to those of lower elevations and ultimately to the discharge point?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22d	Is the erosion minimised?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D23a	Does the system include the use of a silt fence around the soil stockpile areas to prevent sediment from entering the system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

D23b	Is the regular cleaning carried out to prevent blockage of the passage of waste flow in silt fence?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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E	Waste / Chemical Management	N/A or Not Observed	Yes	No	Remarks / Photo
Waste Management					
General Waste					
E1	Is the general waste generated on-site stored in enclosed bins or compaction units separately from the construction and chemical wastes?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 6 Nov 2023 Observation 3
E2a	Is the general waste collected properly by using the waste separation facilities for paper, aluminium cans, plastic bottles etc.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E2b	Does accumulation of waste avoid?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E2c	Is waste disposed regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E2d	Regular waste collection by approved waste collector in purpose-built vehicles?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E3	Burning of refuse on construction site prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C&D Materials					
E4a	Are there any contract documents provided to allow and promote the use of recycled aggregates where appropriate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E4b	Are the C&D materials sorted and recycled on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5a	Is the durable formwork or plastic facing for construction works used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5b	Do the wooden hoardings avoid to be used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5c	Is metal hoarding used to enhance the possibility of recycling?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6a	Are the concrete and masonry used as general fill ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6b	Are the steel reinforcement bars used by scrap steel mills?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6c	Is the segregation and storage of C&D wastes undertaken in designated area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6d	Does the use of reusable steel formwork maximise?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E7a	Are the temporary stockpiles maintained regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E7b	Is the excavated fill material reused for backfilling and reinstatement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8a	Are the excavated slope, stockpile material and bund walls covered by tarpaulin?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8b	Are covering trucks or transporting wastes in enclosed containers when transportation of waste ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8c	Are waste storage area properly cleaned and do not cause windblown litter and dust nuisance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E9	Is hydroseeding of the topsoil on the stockpile implemented to improve visual appearance and prevent soil erosion?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E10	Is the nomination of approved personnel to be responsible for good site practices and making arrangements for collection of all wastes generated on-site and effective disposal implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

E11	Are the training of site personnel for cleanliness, proper waste management procedures including chemical waste handling, and waste reduction, reuse and recycling concept implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E12	Are the regular cleaning and maintenance programme for drainage systems, sumps, oil interceptors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E13a	Are wood, steel and other metals separated for re-use and/or recycling?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E13b	Do the excavated materials appear contaminated?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>									
E13c	If suspected contaminated, appropriate procedures followed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A								
E14	Is the disposal of C&D materials avoided onto any sensitive locations e.g. agricultural lands etc.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E15	Are the public fill and C&D waste segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Chemical Waste / Waste Oil													
E16	Are chemicals and waste oil recycled or disposed properly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 3 Oct 2023 Observation 1 Refer to 30 Oct 2023 Observation 1								
Chemical Packaging													
E17a	Have the containers a capacity of <450 L unless the specification has been approved by EPD?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A								
E17b	Are the containers (holding, resistant to corrosion, maintained in a good condition, and securely closed) used for storage of chemical wastes ?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 30 Oct 2023 Observation 1								
Chemical Labelling													
E18	Is chemical waste or waste oil stored and labelled in English and Chinese properly in designated area? <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Capacity of Container</th> <th>Dimensions of Label</th> </tr> </thead> <tbody> <tr> <td>< 50L</td> <td>No less than 90 x 100mm</td> </tr> <tr> <td>50 to 450L</td> <td>No less than 120 x 150mm</td> </tr> <tr> <td>> 450L</td> <td>No less than 180 x 200mm</td> </tr> </tbody> </table>	Capacity of Container	Dimensions of Label	< 50L	No less than 90 x 100mm	50 to 450L	No less than 120 x 150mm	> 450L	No less than 180 x 200mm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Capacity of Container	Dimensions of Label												
< 50L	No less than 90 x 100mm												
50 to 450L	No less than 120 x 150mm												
> 450L	No less than 180 x 200mm												
Chemical Waste / Fuel Storage Area													
E19a	Are the storage area are clearly labelled and separated (if needed)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19b	Are the storage area enclosed 3 sides by walls/fence of ≥2m tall and bounded with adequate bund capacity (>110% of largest container) or do the storage area allow storage of 20% of total volume of waste ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19c	Do the storage areas have adequate ventilation and be covered to prevent rainfall entering and reduce heat from sunlight?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19d	Are the fuel tanks and chemical storage areas provided with locks and sited on sealed areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								

E20	Is chemical waste collected by licensed waste collectors and disposed of at licensed facility eg. Chemical Waste Treatment Centre?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Records					
E21	Is a licensed waste hauler used for waste collection ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E22	Are the records of quantities of wastes generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E23	For the demolition material / waste, is the number of loads for each day recorded as appropriate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

F	Landfill Gas (LFG)	N/A or Not Observed	Yes	No	Remarks / Photo
Within NENT Landfill Extension					
F1	Are special LFG precautions taken to avoid potential hazards of LFG exposure (ignition, explosion, asphyxiation, toxicity)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F2	Are prominent safety warning signs erected on-site to alert all personnel and visitors of LFG hazards during excavation works.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F3	Is no smoking or burning permitted on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F4	Are prominent 'No smoking' and 'No Naked Flames' signs erected on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F5	Is no worker allowed to work alone at any time in excavated trenches or confined areas on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F6	Is adequate fire fighting equipment provided on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F7	Are construction equipment equipped with vertical exhaust at least 0.6m above ground installed with spark arrestors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F8	Are electrical motors and extension cords explosion-proof and intrinsically safe for use on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F9	Is 'Permit to Work' system implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F10	Are welding, flame-cutting or other hot works conducted only under 'Permit to Work' system following clear safety requirements, gas monitoring procedures and presence of qualified persons to supervise the works?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F11a	For pipng assembly or conduit construction , are all valves and seals closed immediately after installation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11b	Are the pipe ends sealed on one side during installation if installation of large diameter pipes (diameter > 600mm) is required?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11c	Is forced ventilation implemented prior to operation of installed pipeline ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11d	Is forced ventilation implemented for works inside trenches deeper than 1m ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F12	Is frequency and location of LFG monitoring within excavation area determined prior to commencement of works? *LFG monitoring in excavations should be conducted at < 10mm from exposed ground surface.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F13	For excavation works, Is LFG monitoring conducted (1) at ground surface prior to excavation, (2) immediately before workers entering excavations, (3) at the beginning of each half-day work, and (4) periodically throughout the working day when workers are in the excavation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

(Construction Phase)

Environmental Site Inspection Checklist (Rev. 3)

F14	Are LFG monitoring conducted periodically when any cracks on ground level encountered on-site? *Appropriate action should be taken in accordance with the action plan in Table 7.6 of EIA Report.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F15a	Are LFG precautionary measures involved in excavation and pipng works provided in accordance with LFG Guidance Note and included in Safety Plan of construction phase?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F15b	Are temporary offices or buildings located where free LFG has been proven or raised clear of ground at a separation distance of at least 500mm?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F16	Is a Safety Officer trained in the use of gas detection equipment and LFG- related hazards present on-site throughout the groundwork phase? *The Safety Officer should be provided with an intrinsically safe portable instrument appropriately calibrated and capable of measuring the following gases: •CH ₄ : 0-100% and LEL: 0-100%/v •CO ₂ : 0-100% •O ₂ : 0-21%	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17a	Periodically during groundwork construction, Is the works area monitored for CH ₄ CO ₂ and O ₂ using appropriately calibrated portable gas detection equipment? *The monitoring frequency and areas should be established prior to commencement of groundwork either by Safety Officer or appropriately qualified person.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17b	Is routine monitoring carried out in all excavations, manholes, created by temporary storage of building materials on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17c	Are all measurements in excavations made with monitoring tube located < 10mm from exposed ground surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F18	For excavations > 1m, are measurements conducted? • At ground surface before excavation commences; • Immediately before any worker enters the excavation; • At the beginning of each working day for entire period the excavation remains open; and • Periodically throughout the working day whilst workers are in excavation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F19	For excavations 300mm to 1m, are measurements conducted? • Directly after excavation has been completed; and • Periodic all whilst excavation remains open.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F20	For excavations < 300mm, are monitoring omitted at the discretion of Safety Officer or appropriately qualified person?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

G	Landscape and Visual Impacts	N/A or Not Observed	Yes	No	Remarks / Photo
G1	Is the work site confined within site boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G2	Is damage to surrounding areas avoided ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G3	Are the protective fencing erected along or beyond the perimeter of the tree protection zone of each individual tree?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Advanced screening tree planting					
G4a	Is early planting using fast growing plants and tall shrubs at strategic locations within site implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G4b	Are the roadside planter and shrub planting implemented in front of Cheung Sha Temple ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Boundary Green Belt planting					
G5	Are the fast growing and fire-resistant plant species planted around the site perimeter?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Temporary landscape treatment as green surface cover					
G6	Are grass hydroseeding or synthetic covering material of green colour used as a temporary slope cover ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Existing tree preservation					
G7	Are existing and affected tree which identified as ecological significant preserved whenever possible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

H	Ecology	N/A or Not Observed	Yes	No	Remarks / Photo
H1	Is transplantation of the important plant species implemented? Is post-transplantation maintained and monitored regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

I	Environmental Complaint	N/A or Not Observed	Yes	No	Remarks / Photo
I1	Environmental Complaint received during this week?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
J General Housekeeping / Others					
J1	Are the defined boundaries of working areas identified to prevent loss of vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
J2	Are the portable toilets maintained in a state, which will not deter the workers from utilizing these portable toilets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Follow up action for previous Site Inspection:




1. 18 September 2023 Observation 6 – The Temporary Surface Water Drainage System was enhanced and updated by the contractor. The sedimentation basins, concrete block, sedimentation tank and silt removal facility at Portion E3-1 were repaired and established by the contractor.
2. 6 November 2023 Observation 2 – The bunds near the safety barriers at the Portion A had been established by the contractor.
3. 6 November 2023 Observation 3 – The waste at the waste skip of SBA was removed by the contractor.

Observation(s):


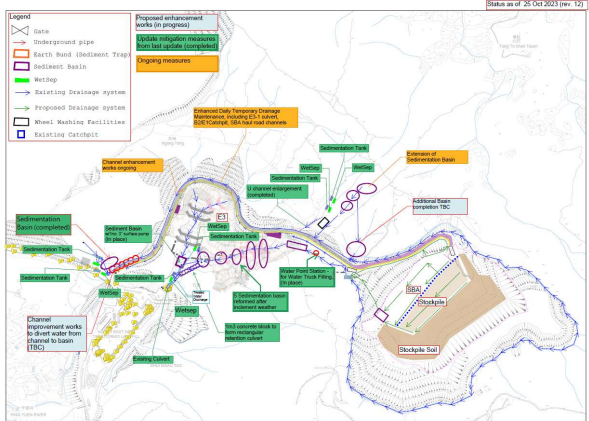


1. The loaded dump truck without covering impervious sheet is found at the access road between Portion A and E4.



Corrective Actions – Mitigation Measures Implemented or Proposed (if any):

1. The contractor has been recommended to ensure all of loaded dump trucks should be covered by impervious sheeting.

	Environmental Team's Representative:	Independent Environmental Checker's Representative:	Contractor's Representative:	Employee's Representative
Signature:		/		
Name:	Jason Man	/	Matt Choy/Kristy Wong	Sylvia Ho
Date:	13 November 2023	/	13 November 2023	13 November 2023

PART I Follow-up status of the previous site inspection


Observation and Recommendation	Follow-up status
<p>18 September 2023 Observation 6</p>  <p>Sediment/ silt traps shall be incorporated in the temporary drainage system to enhance retention time for silt/s and traps of the silt removal facilities be 5 minutes under maximum flow conditions.</p>	  

Observation and Recommendation	Follow-up status
	 <p data-bbox="790 734 1417 837">The Temporary Surface Water Drainage System was enhanced and updated by the contractor. The sedimentation basins, concrete block, sedimentation tank and silt removal facility at Portion E3-1 were repaired and established by the contractor.</p>
<p data-bbox="132 860 422 882"><u>3 October 2023 Observation 1</u></p>  <p data-bbox="132 1402 759 1424">The stagnant water in drip tray should be cleared of in Portion E4.</p>	<p data-bbox="963 1128 1246 1151">Waiting for Contractor's Input</p>


Observation and Recommendation	Follow-up status
<p data-bbox="132 244 435 271"><u>30 October 2023 Observation 1</u></p>  <p data-bbox="132 1252 764 1357">The storage area of chemical containers at Portion E3-1 is without drip tray and other properly setup etc. to prevent the chemicals rainfall entering and reduce heat from sunlight and avoid the risk of land contamination.</p>	<p data-bbox="970 788 1235 815">Waiting for Contractor Input</p>
<p data-bbox="132 1377 483 1404"><u>6 November 2023 Observation 1</u></p>  <p data-bbox="132 1904 764 1964">The outside surrounding of the scaffolding without dust screen, sheeting or netting was found at the Portion D.</p>	<p data-bbox="970 1657 1235 1684">Waiting for Contractor Input</p>

Observation and Recommendation	Follow-up status
<p data-bbox="132 244 485 271"><u>6 November 2023 Observation 2</u></p>  <p data-bbox="132 1256 759 1554">The muddy water which is caused from the water spraying by the water sprinkler at the Portion A is found. The deposited silt and grit are found under the tower crane at the Portion A. The contractor has been recommended that the sandbag barriers or bunds should be provided and established along the water safety barriers at the Portion A. The muddy water should be collected from the proper channel, final to the silt removal facility for treatment. The deposited silt and grit under the tower crane at the Portion A should be removed.</p>	 <p data-bbox="788 1155 1417 1209">The bunds near the safety barriers at the Portion A had been established by the contractor.</p> <p data-bbox="788 1267 1417 1321">Waiting for Contractor Input: Photo record for cleaning deposited silt and grit under the tower crane at the Portion A</p>

Observation and Recommendation	Follow-up status
<p data-bbox="132 248 485 275"><u>6 November 2023 Observation 3</u></p>   <p data-bbox="132 1420 759 1599">The food waste is found at the waste skip of SBA. The general waste should be stored in the enclosed bins. The contractor has been advised that the additional enclosed bin should be increased at the SBA. The “type of waste” label should be labelled at the surrounding of the enclosed bins or waste skip for easily identify for on-site workers.</p>	 <p data-bbox="791 1104 1417 1227">The waste at the waste skip of SBA was removed by the contractor. Waiting for Contractor Input: Photo record for increasing the enclosed bins at SBA and labelling the “type of waste” at the surrounding of the enclosed bins or waste skip at SBA.</p>

Observation and Recommendation	Follow-up status
<p data-bbox="132 248 485 277"><u>6 November 2023 Observation 4</u></p>  <p data-bbox="132 779 762 837">The slope surface at the Portion E4 should be covered by impervious sheet properly.</p>	<p data-bbox="970 528 1235 557">Waiting for Contractor Input</p>

PART II Observation and recommendation identified during the environmental site inspection

Observation and Recommendation	Follow-up status
<p data-bbox="132 293 497 322"><u>14 November 2023 Observation 1</u></p>  <p data-bbox="132 819 762 943">The loaded dup truck without covering impervious sheet is found at the assess road between Portion A and E4. The contractor has been recommended to ensure all of loaded dump trucks should be covered by impervious sheeting.</p>	<p data-bbox="970 600 1236 629">Waiting for Contractor Input</p>

PART III Temporary Surface Water Drainage System (TSWDS) Photo Record during the environmental site inspection

<p>TSWDS at Portion D</p> 	<p>TSWDS at Portion D</p> 
<p>Sedimentation tank at Portion A</p> 	<p>Portion A</p> 
<p>Portion A</p> 	<p>Sedimentation basin at Portion E4</p> 

Sedimentation basin at Portion E4



Inspection Date:	20 November 2023	Inspected By:	Jason Man
Time:	14:00	Weather Condition:	Sunny
Participants:	Sylvia Ho (ER), Matt Choy (Contractor), Echo Hung (IEC), Jason Man (ET), Joan Lo (ET)		

A	Permits/Licenses	N/A or Not Observed	Yes	No	Remarks / Photo
A1	Are Environmental Permit, license/ other permit displayed at major site exit and vehicle access?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A2	Are Construction Noise Permits/ Environmental license/ other permit available for inspection/posted at site entrance.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A3	Is wastewater discharge licence available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A4	Are trip tickets for chemical waste and construction waste disposal available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A5	Are relevant licence/permit for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

B	Air Quality	N/A or Not Observed	Yes	No	Remarks / Photo
B1	Is open burning avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B2	Are plant and equipment well maintained (i.e. without black smoke from powered plant)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B3	Any remedial action undertaken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B4	Are the worksites wetted with water regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B5	Are NRMM labels properly affixed on the PMEs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B6	Observed dust source(s)				
		<input checked="" type="checkbox"/>	Wind erosion		
		<input checked="" type="checkbox"/>	Vehicle/ Equipment Movements		
		<input checked="" type="checkbox"/>	Loading/ unloading of materials		
		<input type="checkbox"/>	Others: _____		
Air Pollution Control (Construction Dust) Regulation					
Part I Control Requirements for Notifiable Works					
Demolition of building					
B7	Is the area involved demolition activities sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Construction of the superstructure of a building					
B8	Is scaffolding erected around the perimeter of a building under construction?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

B9	Are effective dust screens, sheeting or netting provided to enclose the scaffolding from the ground floor level of the building, or a canopy provided from the first floor level up to the highest level of the scaffolding?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 6 Nov 2023 Observation 1
B10	Is the skip for materials transport enclosed by impervious sheeting ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
Part III General Control Requirements					
Site boundary and entrance					
B11	Are wheel washing facilities with high pressure water jet provided at all site exits if practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B12	Are the areas of washing facilities and the road section between the washing facilities and the exit point paved with concrete, bituminous materials or hardcore?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B13	Are the hoarding $\geq 2.4\text{m}$ tall provided at the site boundary near a road, street, service lane or other area accessible to the public?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Assess road					
B14	Are every main haul road (having a vehicle passing rate of higher than 4 in any 30 minutes) paved with concrete, bituminous materials, hardcore or metal plates, and kept clear of dusty materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B15	Are every main haul road sprayed with water or a dust suppression chemical?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B16	Is the portion of any road leading only to construction site (within 30m of a vehicle entrance or exit) kept clear of dusty materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B17	Are appropriate speed limit sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B18	Is unpaved main haul road wet by water spraying?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cement and dry pulverized fuel ash (PFA)					
B19	Is every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) covered entirely by impervious sheeting or placed in an area sheltered on the top and 3 sides?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
B20	Are the activities of loading, unloading, transfer, handing or storage of bulk cement or dry PFA carried out in a totally enclosed system or facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B21	Is any vent or exhaust fitted with an effective fabric filter or equipment air pollution control system ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Exposed earth					
B22	Is the exposed earth properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabilizer within 6 months after last construction activity on the construction site or part of the construction site where the exposed earth lies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Part IV Control Requirements for Individual Activities					
Stockpiling of dusty materials					
B23	Are the stockpiling of dusty materials (a) covered entirely by impervious sheeting or (b) placed in an area sheltered on the top and the 3 sides or (c) sprayed with water or a dust suppression chemical to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
B24	Is the stockpile of dusty materials avoid to be extend beyond the pedestrian barriers, fencing or traffic cones ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Loading, unloading or transfer of dusty materials					
B25	Are all dusty materials sprayed with water or a dust suppression chemical immediately prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B26	Are all trucks loaded to a level within the side and tail boards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Use of vehicles					
B27	Are every vehicle washed immediately to remove any dusty materials from its body and wheels before leaving a construction site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B28	Are loaded dump trucks covered by impervious sheeting appropriately before leaving the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 13 Nov 2023 Observation 1
B29	Are site vehicle movements confined to designated roads?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pneumatic or power-driven drilling, cutting and polishing					
B30	Are surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operations takes place sprayed with water or a dust suppression chemical continuously? *Unless the process is accompanied by the operation of an effective dust extraction and filtering device.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Debris handling					
B31	Are any debris covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the 3 sides?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B32	Are every debris chute shall be enclosed by impervious sheeting or similar materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B33	Are the watering spray or a dust suppression chemical conducted before debris is dumped into a debris chute?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Excavation or earth moving				
B34	Are the working area of any excavation or earth moving operation sprayed with water or a dust suppression chemical immediately before, during and immediately after the operation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Site clearance				
B35	Are the working area for the uprooting of trees, shrubs, or vegetation or for the removal of boulders, poles, pillars or temporary or permanent structures sprayed with water or a dust suppression chemical immediately before, during and immediately after the operation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B36	Are all demolished items (including trees, shrubs, vegetation, boulders, poles, pillars, structures, debris, rubbish and other items arising from site clearance) that may dislodge dust particles covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides within a day of demolition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(Construction Phase)

Environmental Site Inspection Checklist (Rev. 3)

C	Construction Noise	N/A or Not Observed	Yes	No	Remarks / Photo
C1	Is well-maintained plant operated on-site and plant served regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C2	Are vehicles and equipment switched off or throttled down while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C3	Is the noise directed away from nearby NSRs ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C4	Are the silencers or mufflers properly fitted on construction equipment and maintained regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
C5	Are mobile and/or noisy plant sited as far away from NSRs as possible and practicable and orientated so that the noise is directed away from nearby NSRs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C6	Are material stockpiles , mobile container office and other structures utilised to screen noisy activities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C7	Is temporary hoarding installed located on the site boundaries between noisy construction activities and NSRs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C8	Are noise barriers (typically density @14kg/m ²) acoustic mat or full enclosure close to noise plants including air compressor, generators and saw etc. provided to protect NSRs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
C9	Is the sequencing operation of construction plants where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C10	Is the hoarding maintained properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C11	Air compressors (500 kPa or above) and hand held percussive breaker (mass of above 10 kg) with valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C12	Are compressor operated with doors closed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C13	QPME used with valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C14	Major noise source(s)	<input checked="" type="checkbox"/> Traffic <input checked="" type="checkbox"/> Construction activities inside of site <input type="checkbox"/> Construction activities outside of site <input type="checkbox"/> Others: _____			

D	Water Quality	N/A or Not Observed	Yes	No	Remarks / Photo
Construction Runoff					
D1a	At the start of site establishment, are perimeter cut-off drains constructed to direct off-site water around the site with internal drainage works and erosion and sedimentation control facilities implemented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D1b	Are channels, earth bunds or sandbag barriers provided on site to properly direct stormwater to silt removal facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 6 Nov 2023 Observation 2
D2a	Have dikes or embankments for flood protection implemented around the boundaries of earthwork areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D2b	Have temporary ditches provided to facilitate the runoff discharge into an appropriate watercourse, through a site/ sediment trap?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D2c	Are the sediment/ silt traps incorporated in the permanent drainage channels to enhance deposition rate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D3	Are the retention time for silt/s and traps of the silt removal facilities be 5 minutes under maximum flow conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D4a	Are surface excavation works minimised during rainy seasons (April to September), as possible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D4b	Are all exposed earth areas completed or vegetated as soon as possible after earthworks completed, or alternatively, within 14 days of the cessation of earthworks where practicable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D4c	Are exposed slope surfaces covered by tarpaulin sheets?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Shotcrete in progress. Refer to 20 Nov 2023 Observation 3
D5a	Have the overall slope of the site should be kept a minimum?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D5b	Are all trafficked areas and access roads protected by coarse stone ballast?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D6a	Are all drainage facilities and erosion and sediment control structures inspected regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D6b	Are all drainage facilities and erosion and sediment control structures maintained to ensure proper and efficient operation at all times and particularly following rainstorms?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D6c	Is the deposited silt and grit removed regularly and disposed of by spreading evenly over stable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D7a	Have the excavation of trenches in wet periods be dug and backfilled in short sections?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D7b	Is rainwater pumped out from trenches discharged into storm drains via silt system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D8	Are open stockpiles of construction materials e.g. aggregates and sand of more than 50m ³ on site covered with tarpaulin or similar fabric during rainstorms?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

D9a	Are manholes adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D9b	Are the discharges of surface run-off into foul sewer always prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10a	Are particular attention paid to the control of silty surface runoff during storm event ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10b	Are the precautions to be taken at any time of year when rainstorms are likely? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be maintained and the deposited silt and grit should be removed regularly. ii. Temporarily exposed slope surfaces should be cover by tarpaulin. iii. Temporary access roads should be protected by crushed stone or gravel. iv. Intercepting channels should be provided (e.g. along the crest/edge of excavation) to prevent storm runoff from washing across exposed soil surfaces. v. Trenches should be dug and backfilled in short sections. Measures should be taken to minimize the ingress of rainwater into trenches.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10c	Are the actions to be taken when a rainstorm is imminent or forecast ? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be checked to ensure that they can function properly. ii. Open stockpiles of construction materials (e.g. aggregates, sand and fill materials) on site should be covered with tarpaulin or similar fabric. iii. All temporary covers to slopes and stockpiles should be secured.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10d	Are the actions to be taken during or after rainstorms ? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be checked and maintained to ensure satisfactory working conditions. Attention should be given to safety when carrying out this work.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11a	Are all vehicles and plant cleaned before leaving a construction site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11b	Is the wheel washing bay provided at every site exit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11c	Are the vehicle wash-water have sand and silt settled out and removed at least on a weekly basis?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11d	Is the wheel wash overflow directed to silt removal facilities before being discharged to the storm drain?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D11e	Is the section of construction road between the wheel washing bay and the public road paved with backfill?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11f	Is the treated wastewater reused for vehicle washing, dust suppression and general cleaning ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D12a	Are oil interceptors provided in the site drainage system downstream of any oil/ fuel pollution sources?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

D12b	Are the oil interceptors emptied and cleaned regularly to prevent the release of O&G into the storm water drainage system after accidental spillage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D12c	Has a bypass provided to prevent flushing during heavy rain?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D13	Are the construction solid waste, debris and rubbish on site collected, handled and disposed of properly? (same with waste item)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D14	Are all fuel tanks and storage areas provided with locks and sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D15	Is Intercepting bund or barrier along the roadside constructed to prevent pollution risk arising from work area (waste reception area)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D16	Are site drainage systems provided over the entire project site with sediment control facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D17	Are sedimentation tanks provided to treat the large amount of sediment-laden wastewater generated from wheel washing, site runoff and construction works?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D18	Is there any sediment plume observed in nearby watercourses?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sewage Effluent from Workforce (On-site sanitary facilities)					
D19a	Are portable chemical toilets and sewage holding tanks provided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D19b	Is the sewage generated from toilets collected by licensed contractor and responsible for disposal and maintenance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D20	Are the notices posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the nearby environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
Accidental Spillage of Chemical (Service workshop and maintenance facilities)					
D21a	Are the service workshop and maintenance facilities located within a bunded area, and sumps and oil interceptors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D21b	Are all maintenance of equipment involving activities with potential for leakage and spillage undertaken within the areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D21c	Is chemical leakage or spillages contained and cleaned up immediately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
Surface Water Drainage System					
D22a	Is the temporary surface water drainage system provided to manage runoff?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22b	Does the system consist of channel as constructed around the perimeter of the site area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22c	Does the system collect surface water from the areas of higher elevations to those of lower elevations and ultimately to the discharge point?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22d	Is the erosion minimised?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D23a	Does the system include the use of a silt fence around the soil stockpile areas to prevent sediment from entering the system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

D23b	Is the regular cleaning carried out to prevent blockage of the passage of waste flow in silt fence?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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E	Waste / Chemical Management	N/A or Not Observed	Yes	No	Remarks / Photo
Waste Management					
General Waste					
E1	Is the general waste generated on-site stored in enclosed bins or compaction units separately from the construction and chemical wastes?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 20 Nov 2023 Observation 2
E2a	Is the general waste collected properly by using the waste separation facilities for paper, aluminium cans, plastic bottles etc.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E2b	Does accumulation of waste avoid?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 20 Nov 2023 Observation 1
E2c	Is waste disposed regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E2d	Regular waste collection by approved waste collector in purpose-built vehicles?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E3	Burning of refuse on construction site prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C&D Materials					
E4a	Are there any contract documents provided to allow and promote the use of recycled aggregates where appropriate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E4b	Are the C&D materials sorted and recycled on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5a	Is the durable formwork or plastic facing for construction works used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5b	Do the wooden hoardings avoid to be used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5c	Is metal hoarding used to enhance the possibility of recycling?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6a	Are the concrete and masonry used as general fill ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6b	Are the steel reinforcement bars used by scrap steel mills?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6c	Is the segregation and storage of C&D wastes undertaken in designated area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6d	Does the use of reusable steel formwork maximise?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E7a	Are the temporary stockpiles maintained regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E7b	Is the excavated fill material reused for backfilling and reinstatement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8a	Are the excavated slope , stockpile material and bund walls covered by tarpaulin?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8b	Are covering trucks or transporting wastes in enclosed containers when transportation of waste ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8c	Are waste storage area properly cleaned and do not cause windblown litter and dust nuisance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E9	Is hydroseeding of the topsoil on the stockpile implemented to improve visual appearance and prevent soil erosion?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E10	Is the nomination of approved personnel to be responsible for good site practices and making arrangements for collection of all wastes generated on-site and effective disposal implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

E11	Are the training of site personnel for cleanliness, proper waste management procedures including chemical waste handling, and waste reduction, reuse and recycling concept implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E12	Are the regular cleaning and maintenance programme for drainage systems, sumps, oil interceptors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E13a	Are wood, steel and other metals separated for re-use and/or recycling?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E13b	Do the excavated materials appear contaminated?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>									
E13c	If suspected contaminated, appropriate procedures followed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A								
E14	Is the disposal of C&D materials avoided onto any sensitive locations e.g. agricultural lands etc.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E15	Are the public fill and C&D waste segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Chemical Waste / Waste Oil													
E16	Are chemicals and waste oil recycled or disposed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Chemical Packaging													
E17a	Have the containers a capacity of <450 L unless the specification has been approved by EPD?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A								
E17b	Are the containers (holding, resistant to corrosion, maintained in a good condition, and securely closed) used for storage of chemical wastes ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Chemical Labelling													
E18	Is chemical waste or waste oil stored and labelled in English and Chinese properly in designated area? <table border="1" data-bbox="220 1261 746 1429"> <thead> <tr> <th>Capacity of Container</th> <th>Dimensions of Label</th> </tr> </thead> <tbody> <tr> <td>< 50L</td> <td>No less than 90 x 100mm</td> </tr> <tr> <td>50 to 450L</td> <td>No less than 120 x 150mm</td> </tr> <tr> <td>> 450L</td> <td>No less than 180 x 200mm</td> </tr> </tbody> </table>	Capacity of Container	Dimensions of Label	< 50L	No less than 90 x 100mm	50 to 450L	No less than 120 x 150mm	> 450L	No less than 180 x 200mm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Capacity of Container	Dimensions of Label												
< 50L	No less than 90 x 100mm												
50 to 450L	No less than 120 x 150mm												
> 450L	No less than 180 x 200mm												
Chemical Waste / Fuel Storage Area													
E19a	Are the storage area are clearly labelled and separated (if needed)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19b	Are the storage area enclosed 3 sides by walls/fence of ≥2m tall and bounded with adequate bund capacity (>110% of largest container) or do the storage area allow storage of 20% of total volume of waste ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19c	Do the storage areas have adequate ventilation and be covered to prevent rainfall entering and reduce heat from sunlight?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19d	Are the fuel tanks and chemical storage areas provided with locks and sited on sealed areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E20	Is chemical waste collected by licensed waste collectors and disposed of at licensed facility eg. Chemical Waste Treatment Centre?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									

Records					
E21	Is a licensed waste hauler used for waste collection ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E22	Are the records of quantities of wastes generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E23	For the demolition material / waste, is the number of loads for each day recorded as appropriate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

F	Landfill Gas (LFG)	N/A or Not Observed	Yes	No	Remarks / Photo
Within NENT Landfill Extension					
F1	Are special LFG precautions taken to avoid potential hazards of LFG exposure (ignition, explosion, asphyxiation, toxicity)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F2	Are prominent safety warning signs erected on-site to alert all personnel and visitors of LFG hazards during excavation works.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F3	Is no smoking or burning permitted on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F4	Are prominent 'No smoking' and 'No Naked Flames' signs erected on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F5	Is no worker allowed to work alone at any time in excavated trenches or confined areas on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F6	Is adequate fire fighting equipment provided on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F7	Are construction equipment equipped with vertical exhaust at least 0.6m above ground installed with spark arrestors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F8	Are electrical motors and extension cords explosion-proof and intrinsically safe for use on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F9	Is 'Permit to Work' system implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F10	Are welding, flame-cutting or other hot works conducted only under 'Permit to Work' system following clear safety requirements, gas monitoring procedures and presence of qualified persons to supervise the works?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F11a	For pipng assembly or conduit construction , are all valves and seals closed immediately after installation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11b	Are the pipe ends sealed on one side during installation if installation of large diameter pipes (diameter > 600mm) is required?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11c	Is forced ventilation implemented prior to operation of installed pipeline ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11d	Is forced ventilation implemented for works inside trenches deeper than 1m ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F12	Is frequency and location of LFG monitoring within excavation area determined prior to commencement of works? *LFG monitoring in excavations should be conducted at < 10mm from exposed ground surface.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F13	For excavation works, Is LFG monitoring conducted (1) at ground surface prior to excavation, (2) immediately before workers entering excavations, (3) at the beginning of each half-day work, and (4) periodically throughout the working day when workers are in the excavation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

(Construction Phase)

Environmental Site Inspection Checklist (Rev. 3)

F14	Are LFG monitoring conducted periodically when any cracks on ground level encountered on-site? *Appropriate action should be taken in accordance with the action plan in Table 7.6 of EIA Report.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F15a	Are LFG precautionary measures involved in excavation and pipng works provided in accordance with LFG Guidance Note and included in Safety Plan of construction phase?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F15b	Are temporary offices or buildings located where free LFG has been proven or raised clear of ground at a separation distance of at least 500mm?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F16	Is a Safety Officer trained in the use of gas detection equipment and LFG- related hazards present on-site throughout the groundwork phase? *The Safety Officer should be provided with an intrinsically safe portable instrument appropriately calibrated and capable of measuring the following gases: •CH ₄ : 0-100% and LEL: 0-100%/v •CO ₂ : 0-100% •O ₂ : 0-21%	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17a	Periodically during groundwork construction, Is the works area monitored for CH ₄ CO ₂ and O ₂ using appropriately calibrated portable gas detection equipment? *The monitoring frequency and areas should be established prior to commencement of groundwork either by Safety Officer or appropriately qualified person.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17b	Is routine monitoring carried out in all excavations, manholes, created by temporary storage of building materials on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17c	Are all measurements in excavations made with monitoring tube located < 10mm from exposed ground surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F18	For excavations > 1m, are measurements conducted? • At ground surface before excavation commences; • Immediately before any worker enters the excavation; • At the beginning of each working day for entire period the excavation remains open; and • Periodically throughout the working day whilst workers are in excavation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F19	For excavations 300mm to 1m, are measurements conducted? • Directly after excavation has been completed; and • Periodic all whilst excavation remains open.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F20	For excavations < 300mm, are monitoring omitted at the discretion of Safety Officer or appropriately qualified person?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

G	Landscape and Visual Impacts	N/A or Not Observed	Yes	No	Remarks / Photo
G1	Is the work site confined within site boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G2	Is damage to surrounding areas avoided ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G3	Are the protective fencing erected along or beyond the perimeter of the tree protection zone of each individual tree?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Advanced screening tree planting					
G4a	Is early planting using fast growing plants and tall shrubs at strategic locations within site implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G4b	Are the roadside planter and shrub planting implemented in front of Cheung Sha Temple ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Boundary Green Belt planting					
G5	Are the fast growing and fire-resistant plant species planted around the site perimeter?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Temporary landscape treatment as green surface cover					
G6	Are grass hydroseeding or synthetic covering material of green colour used as a temporary slope cover ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Existing tree preservation					
G7	Are existing and affected tree which identified as ecological significant preserved whenever possible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

H	Ecology	N/A or Not Observed	Yes	No	Remarks / Photo
H1	Is transplantation of the important plant species implemented? Is post-transplantation maintained and monitored regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

I	Environmental Complaint	N/A or Not Observed	Yes	No	Remarks / Photo
I1	Environmental Complaint received during this week?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
J General Housekeeping / Others					
J1	Are the defined boundaries of working areas identified to prevent loss of vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
J2	Are the portable toilets maintained in a state, which will not deter the workers from utilizing these portable toilets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Follow up action for previous Site Inspection:

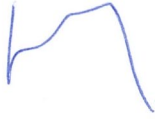



1. 3 October 2023 Observation 1 – The stagnant water in drip tray has been removed in Portion E4.
2. 30 October 2023 Observation 1 – The chemical containers at Portion E3-1 were covered by the impervious sheet and the impervious sheet was placed under the storage area of chemical containers.
3. 6 November 2023 Observation 4 – the exposed slope was covered by impervious sheet properly by the contractor.

Observation(s):



1. The overloading of accumulated waste at portion A is found.
2. The general waste at the waste skip of SBA is found.
3. The slope surface at SBA without covering impervious sheets properly is found.

Corrective Actions – Mitigation Measures Implemented or Proposed (if any):

1. The contractor has been advised that the enough waste skip should be provided, and the waste should be clean regularly at portion A to prevent and avoid accumulated waste place on the floor.
2. The contractor has been reminded that the general waste includes food waste should be stored at the enclosed bins. The enclosed bin with clear label should be provided at SBA near the waste skip.
3. The contractor has been recommended that the exposed slope should be covered by impervious sheet.

	Environmental Team's Representative:	Independent Environmental Checker's Representative:	Contractor's Representative:	Employee's Representative
Signature:				
Name:	Jason Man	Echo Atkins	Matt Choy/Kristy Wong	Sylvia Ho
Date:	20 November 2023	20 November 2023	20 November 2023	20 November 2023




PART I Follow-up status of the previous site inspection

Observation and Recommendation	Follow-up status
<p data-bbox="132 300 459 327"><u>3 October 2023 Observation 1</u></p>  <p data-bbox="132 846 715 902">The stagnant water in drip tray should be cleared of in Portion E4.</p>	 <p data-bbox="790 813 1353 869">The stagnant water in drip tray has been removed in Portion E4.</p>


Observation and Recommendation	Follow-up status
<p data-bbox="132 253 472 277"><u>30 October 2023 Observation 1</u></p>  <p data-bbox="132 1263 764 1379">The storage area of chemical containers at Portion E3-1 is without drip tray and other properly setup etc. to prevent the chemicals rainfall entering and reduce heat from sunlight and avoid the risk of land contamination.</p>	 <p data-bbox="788 987 1420 1077">The chemical containers at Portion E3-1 were covered by the impervious sheet and the impervious sheet was placed under the storage area of chemical containers .</p>
<p data-bbox="132 1404 483 1429"><u>6 November 2023 Observation 1</u></p>  <p data-bbox="132 1928 764 1989">The outside surrounding of the scaffolding without dust screen, sheeting or netting was found at the Portion D.</p>	<p data-bbox="954 1682 1254 1706">Waiting for Contractor Input</p>


Observation and Recommendation	Follow-up status
<p data-bbox="132 248 485 275"><u>6 November 2023 Observation 2</u></p>  <p data-bbox="132 1258 759 1559">The muddy water which is caused from the water spraying by the water sprinkler at the Portion A is found. The deposited silt and grit are found under the tower crane at the Portion A. The contractor has been recommended that the sandbag barriers or bunds should be provided and established along the water safety barriers at the Portion A. The muddy water should be collected from the proper channel, final to the silt removal facility for treatment. The deposited silt and grit under the tower crane at the Portion A should be removed.</p>	 <p data-bbox="788 1135 1418 1193">The bunds near the safety barriers at the Portion A had been established by the contractor.</p> <p data-bbox="788 1258 1418 1346">Waiting for Contractor Input: Photo record for cleaning deposited silt and grit under the tower crane at the Portion A</p>

Observation and Recommendation	Follow-up status
<p data-bbox="132 248 485 275">6 November 2023 Observation 3</p>   <p data-bbox="132 1422 762 1601">The food waste is found at the waste skip of SBA. The general waste should be stored in the enclosed bins. The contractor has been advised that the additional enclosed bin should be increased at the SBA. The “type of waste” label should be labelled at the surrounding of the enclosed bins or waste skip for easily identify for on-site workers.</p>	 <p data-bbox="791 1084 1417 1142">The waste at the waste skip of SBA was removed by the contractor.</p> <p data-bbox="791 1160 1417 1249">Waiting for Contractor Input: Photo record for increasing the enclosed bins at SBA and labelling the “type of waste” at the surrounding of the enclosed bins or waste skip at SBA.</p>

Observation and Recommendation	Follow-up status
<p data-bbox="132 250 485 280"><u>6 November 2023 Observation 4</u></p>  <p data-bbox="132 779 762 840">The slope surface at the Portion E4 should be covered by impervious sheet properly.</p>	 <p data-bbox="786 1003 1420 1064">The exposed slope was covered by impervious sheet properly by the contractor.</p>
<p data-bbox="132 1086 496 1115"><u>14 November 2023 Observation 1</u></p>  <p data-bbox="132 1610 762 1729">The loaded dup truck without covering impervious sheet is found at the assess road between Portion A and E4. The contractor has been recommended to ensure all of loaded dump trucks should be covered by impervious sheeting.</p>	<p data-bbox="954 1391 1252 1420">Waiting for Contractor Input</p>

PART II Observation and recommendation identified during the environmental site inspection

Observation and Recommendation	Follow-up status
<p><u>20 November 2023 Observation 1</u></p>  <p>The overloading of accumulated waste is found at portion A. The waste should be stored in waste skip properly and clean regularly.</p>	<p>Waiting for Contractor Input</p>
<p><u>20 November 2023 Observation 2</u></p>  <p>The food waste is found at the waste skip of SBA. The general waste should be stored in the enclosed bins. The contractor has been advised that the additional enclosed bin should be increased at the SBA. The “type of waste” label should be labelled at the surrounding of the enclosed bins or waste skip for easily identify for on-site workers.</p>	<p>Waiting for Contractor Input</p>

Observation and Recommendation	Follow-up status
<p data-bbox="134 250 497 277"><u>20 November 2023 Observation 3</u></p>  <p data-bbox="134 779 762 900">The slope surface at SBA without covering impervious sheets properly is found. The contractor has been recommended that the exposed slope should be covered by impervious sheet.</p>	<p data-bbox="954 560 1254 586">Waiting for Contractor Input</p>

PART III Temporary Surface Water Drainage System (TSWDS) Photo Record during the environmental site inspection

<p>Sedimentation tank at Portion A</p> 	<p>TSWDS at Portion A</p> 
<p>Shotcrete surface channel and earth bunds at Portion A</p> 	<p>Sedimentation basin at Portion E4</p> 
<p>Sedimentation basin at Portion E4</p> 	<p>Cut-off drain with silt fence at Portion B1</p> 

<p>Cut-off drain with silt fence at Portion B1</p>	<p>Cut-off drain with silt fence at Portion B1</p>
	
<p>Surface Channel at Portion B1</p>	<p>Surface Channel at Portion B1</p>
	
<p>Surface Channel at Portion B1</p>	<p>Sedimentation Basin at Portion B1</p>
	

Surface Channel at Portion B1	Surface Channel with silt fence at Portion B1
 A photograph showing a surface channel at Portion B1. The channel is a shallow, rocky ditch with a green silt fence installed along its left side. The background features a large pile of grey material and a line of trees under a clear sky.	 A photograph showing a surface channel at Portion B1 with a silt fence. The channel is filled with rocks and has a green silt fence along its left side. A concrete structure is visible on the right, and a red line runs across the foreground.
Existing Channel at Portion E3-1	Sedimentation Basin at Portion E3-1
 A photograph showing an existing channel at Portion E3-1. The channel is a concrete-lined ditch with a white silt fence installed along its left side. The background shows trees and a rocky slope.	 A photograph showing a sedimentation basin at Portion E3-1. The basin is a concrete-lined ditch with a green silt fence along its left side. An excavator is visible in the background, and the area is surrounded by grey material and trees.
Cut-off drain with silt fence at Portion B1	Sedimentation Basin at Portion B1
 A photograph showing a cut-off drain with a silt fence at Portion B1. The drain is a concrete-lined ditch with a green silt fence along its left side. The background shows a large pile of grey material and a line of trees.	 A photograph showing a sedimentation basin at Portion B1. The basin is a concrete-lined ditch with a green silt fence along its left side. The basin is filled with water, and the background shows a large pile of grey material and a line of trees.

(Construction Phase)

Environmental Site Inspection Checklist (Rev. 3)

Inspection Date:	27 November 2023	Inspected By:	Joan Lo
Time:	14:00	Weather Condition:	Sunny
Participants:	Sylvia Ho (ER), Matt Choy (Contractor), Jason Man (ET), Joan Lo (ET)		

A	Permits/Licenses	N/A or Not Observed	Yes	No	Remarks / Photo
A1	Are Environmental Permit, license/ other permit displayed at major site exit and vehicle access?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A2	Are Construction Noise Permits/ Environmental license/ other permit available for inspection/posted at site entrance.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A3	Is wastewater discharge licence available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A4	Are trip tickets for chemical waste and construction waste disposal available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
A5	Are relevant licence/permit for disposal of construction waste or excavated materials available for inspection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

B	Air Quality	N/A or Not Observed	Yes	No	Remarks / Photo
B1	Is open burning avoided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B2	Are plant and equipment well maintained (i.e. without black smoke from powered plant)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B3	Any remedial action undertaken?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B4	Are the worksites wetted with water regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B5	Are NRMM labels properly affixed on the PMEs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B6	Observed dust source(s)				
		<input checked="" type="checkbox"/>	Wind erosion		
		<input checked="" type="checkbox"/>	Vehicle/ Equipment Movements		
		<input type="checkbox"/>	Loading/ unloading of materials		
		<input type="checkbox"/>	Others: _____		
Air Pollution Control (Construction Dust) Regulation					
Part I Control Requirements for Notifiable Works					
Demolition of building					
B7	Is the area involved demolition activities sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Construction of the superstructure of a building					
B8	Is scaffolding erected around the perimeter of a building under construction?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

B9	Are effective dust screens, sheeting or netting provided to enclose the scaffolding from the ground floor level of the building, or a canopy provided from the first floor level up to the highest level of the scaffolding?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 6 Nov 2023 Observation 1
B10	Is the skip for materials transport enclosed by impervious sheeting ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
Part III General Control Requirements					
Site boundary and entrance					
B11	Are wheel washing facilities with high pressure water jet provided at all site exits if practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B12	Are the areas of washing facilities and the road section between the washing facilities and the exit point paved with concrete, bituminous materials or hardcore?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B13	Are the hoarding $\geq 2.4\text{m}$ tall provided at the site boundary near a road, street, service lane or other area accessible to the public?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Assess road					
B14	Are every main haul road (having a vehicle passing rate of higher than 4 in any 30 minutes) paved with concrete, bituminous materials, hardcore or metal plates, and kept clear of dusty materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B15	Are every main haul road sprayed with water or a dust suppression chemical?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B16	Is the portion of any road leading only to construction site (within 30m of a vehicle entrance or exit) kept clear of dusty materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B17	Are appropriate speed limit sign displayed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B18	Is unpaved main haul road wet by water spraying?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Cement and dry pulverized fuel ash (PFA)					
B19	Is every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) covered entirely by impervious sheeting or placed in an area sheltered on the top and 3 sides?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
B20	Are the activities of loading, unloading, transfer, handing or storage of bulk cement or dry PFA carried out in a totally enclosed system or facility?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B21	Is any vent or exhaust fitted with an effective fabric filter or equipment air pollution control system ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Exposed earth					
B22	Is the exposed earth properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabilizer within 6 months after last construction activity on the construction site or part of the construction site where the exposed earth lies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Part IV Control Requirements for Individual Activities					
Stockpiling of dusty materials					
B23	Are the stockpiling of dusty materials (a) covered entirely by impervious sheeting or (b) placed in an area sheltered on the top and the 3 sides or (c) sprayed with water or a dust suppression chemical to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B24	Is the stockpile of dusty materials avoid to be extend beyond the pedestrian barriers, fencing or traffic cones ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Loading, unloading or transfer of dusty materials					
B25	Are all dusty materials sprayed with water or a dust suppression chemical immediately prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B26	Are all trucks loaded to a level within the side and tail boards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Use of vehicles					
B27	Are every vehicle washed immediately to remove any dusty materials from its body and wheels before leaving a construction site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B28	Are loaded dump trucks covered by impervious sheeting appropriately before leaving the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
B29	Are site vehicle movements confined to designated roads?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pneumatic or power-driven drilling, cutting and polishing					
B30	Are surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operations takes place sprayed with water or a dust suppression chemical continuously? *Unless the process is accompanied by the operation of an effective dust extraction and filtering device.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Debris handling					
B31	Are any debris covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the 3 sides?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B32	Are every debris chute shall be enclosed by impervious sheeting or similar materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
B33	Are the watering spray or a dust suppression chemical conducted before debris is dumped into a debris chute?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Excavation or earth moving				
B34	Are the working area of any excavation or earth moving operation sprayed with water or a dust suppression chemical immediately before, during and immediately after the operation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Site clearance				
B35	Are the working area for the uprooting of trees, shrubs, or vegetation or for the removal of boulders, poles, pillars or temporary or permanent structures sprayed with water or a dust suppression chemical immediately before, during and immediately after the operation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
B36	Are all demolished items (including trees, shrubs, vegetation, boulders, poles, pillars, structures, debris, rubbish and other items arising from site clearance) that may dislodge dust particles covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides within a day of demolition?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(Construction Phase)

Environmental Site Inspection Checklist (Rev. 3)

C	Construction Noise	N/A or Not Observed	Yes	No	Remarks / Photo
C1	Is well-maintained plant operated on-site and plant served regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C2	Are vehicles and equipment switched off or throttled down while not in use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C3	Is the noise directed away from nearby NSRs ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C4	Are the silencers or mufflers properly fitted on construction equipment and maintained regularly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
C5	Are mobile and/or noisy plant sited as far away from NSRs as possible and practicable and orientated so that the noise is directed away from nearby NSRs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C6	Are material stockpiles , mobile container office and other structures utilised to screen noisy activities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C7	Is temporary hoarding installed located on the site boundaries between noisy construction activities and NSRs?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C8	Are noise barriers (typically density @14kg/m ²) acoustic mat or full enclosure close to noise plants including air compressor, generators and saw etc. provided to protect NSRs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
C9	Is the sequencing operation of construction plants where practicable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C10	Is the hoarding maintained properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C11	Air compressors (500 kPa or above) and hand held percussive breaker (mass of above 10 kg) with valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C12	Are compressor operated with doors closed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C13	QPME used with valid noise labels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C14	Major noise source(s)	<input checked="" type="checkbox"/> Traffic <input checked="" type="checkbox"/> Construction activities inside of site <input type="checkbox"/> Construction activities outside of site <input type="checkbox"/> Others: _____			

D	Water Quality	N/A or Not Observed	Yes	No	Remarks / Photo
Construction Runoff					
D1a	At the start of site establishment, are perimeter cut-off drains constructed to direct off-site water around the site with internal drainage works and erosion and sedimentation control facilities implemented?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D1b	Are channels, earth bunds or sandbag barriers provided on site to properly direct stormwater to silt removal facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 6 Nov 2023 Observation 2
D2a	Have dikes or embankments for flood protection implemented around the boundaries of earthwork areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D2b	Have temporary ditches provided to facilitate the runoff discharge into an appropriate watercourse, through a site/ sediment trap?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D2c	Are the sediment/ silt traps incorporated in the permanent drainage channels to enhance deposition rate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D3	Are the retention time for silt/s and traps of the silt removal facilities be 5 minutes under maximum flow conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D4a	Are surface excavation works minimised during rainy seasons (April to September), as possible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D4b	Are all exposed earth areas completed or vegetated as soon as possible after earthworks completed, or alternatively, within 14 days of the cessation of earthworks where practicable?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D4c	Are exposed slope surfaces covered by tarpaulin sheets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D5a	Have the overall slope of the site should be kept a minimum?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D5b	Are all trafficked areas and access roads protected by coarse stone ballast?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D6a	Are all drainage facilities and erosion and sediment control structures inspected regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D6b	Are all drainage facilities and erosion and sediment control structures maintained to ensure proper and efficient operation at all times and particularly following rainstorms?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D6c	Is the deposited silt and grit removed regularly and disposed of by spreading evenly over stable?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D7a	Have the excavation of trenches in wet periods be dug and backfilled in short sections?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D7b	Is rainwater pumped out from trenches discharged into storm drains via silt system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D8	Are open stockpiles of construction materials e.g. aggregates and sand of more than 50m ³ on site covered with tarpaulin or similar fabric during rainstorms?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D9a	Are manholes adequately covered and temporarily sealed so as to prevent silt, construction materials or debris from getting into the drainage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D9b	Are the discharges of surface run-off into foul sewer always prevented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

D10a	Are particular attention paid to the control of silty surface runoff during storm event ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10b	Are the precautions to be taken at any time of year when rainstorms are likely? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be maintained and the deposited silt and grit should be removed regularly. ii. Temporarily exposed slope surfaces should be cover by tarpaulin. iii. Temporary access roads should be protected by crushed stone or gravel. iv. Intercepting channels should be provided (e.g. along the crest/edge of excavation) to prevent storm runoff from washing across exposed soil surfaces. v. Trenches should be dug and backfilled in short sections. Measures should be taken to minimize the ingress of rainwater into trenches.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10c	Are the actions to be taken when a rainstorm is imminent or forecast ? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be checked to ensure that they can function properly. ii. Open stockpiles of construction materials (e.g. aggregates, sand and fill materials) on site should be covered with tarpaulin or similar fabric. iii. All temporary covers to slopes and stockpiles should be secured.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D10d	Are the actions to be taken during or after rainstorms ? (Appendix A2 of ProPECC PN 1/94) i. Silt removal facilities, channels and manholes should be checked and maintained to ensure satisfactory working conditions. Attention should be given to safety when carrying out this work.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11a	Are all vehicles and plant cleaned before leaving a construction site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11b	Is the wheel washing bay provided at every site exit?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11c	Are the vehicle wash-water have sand and silt settled out and removed at least on a weekly basis?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11d	Is the wheel wash overflow directed to silt removal facilities before being discharged to the storm drain?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D11e	Is the section of construction road between the wheel washing bay and the public road paved with backfill?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D11f	Is the treated wastewater reused for vehicle washing, dust suppression and general cleaning ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D12a	Are oil interceptors provided in the site drainage system downstream of any oil/ fuel pollution sources?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D12b	Are the oil interceptors are emptied and cleaned regularly to prevent the release of O&G into the storm water drainage system after accidental spillage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
D12c	Has a bypass provided to prevent flushing during heavy rain?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

D13	Are the construction solid waste, debris and rubbish on site collected, handled and disposed of properly? (same with waste item)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D14	Are all fuel tanks and storage areas provided with locks and sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D15	Is intercepting bund or barrier along the roadside constructed to prevent pollution risk arising from work area (waste reception area)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D16	Are site drainage systems provided over the entire project site with sediment control facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D17	Are sedimentation tanks provided to treat the large amount of sediment-laden wastewater generated from wheel washing, site runoff and construction works?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D18	Is there any sediment plume observed in nearby watercourses?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Sewage Effluent from Workforce (On-site sanitary facilities)					
D19a	Are portable chemical toilets and sewage holding tanks provided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D19b	Is the sewage generated from toilets collected by licensed contractor and responsible for disposal and maintenance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D20	Are the notices posted at conspicuous locations to remind the workers not to discharge any sewage or wastewater into the nearby environment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
Accidental Spillage of Chemical (Service workshop and maintenance facilities)					
D21a	Are the service workshop and maintenance facilities located within a bunded area, and sumps and oil interceptors?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D21b	Are all maintenance of equipment involving activities with potential for leakage and spillage undertaken within the areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
D21c	Is chemical leakage or spillages contained and cleaned up immediately?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
Surface Water Drainage System					
D22a	Is the temporary surface water drainage system provided to manage runoff?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22b	Does the system consist of channel as constructed around the perimeter of the site area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22c	Does the system collect surface water from the areas of higher elevations to those of lower elevations and ultimately to the discharge point?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D22d	Is the erosion minimised?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D23a	Does the system include the use of a silt fence around the soil stockpile areas to prevent sediment from entering the system?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
D23b	Is the regular cleaning carried out to prevent blockage of the passage of waste flow in silt fence?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

E	Waste / Chemical Management	N/A or Not Observed	Yes	No	Remarks / Photo
Waste Management					
General Waste					
E1	Is the general waste generated on-site stored in enclosed bins or compaction units separately from the construction and chemical wastes?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 20 Nov 2023 Observation 2
E2a	Is the general waste collected properly by using the waste separation facilities for paper, aluminium cans, plastic bottles etc.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E2b	Does accumulation of waste avoid?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Refer to 20 Nov 2023 Observation 2
E2c	Is waste disposed regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E2d	Regular waste collection by approved waste collector in purpose-built vehicles?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E3	Burning of refuse on construction site prohibited?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
C&D Materials					
E4a	Are there any contract documents provided to allow and promote the use of recycled aggregates where appropriate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E4b	Are the C&D materials sorted and recycled on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5a	Is the durable formwork or plastic facing for construction works used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5b	Do the wooden hoardings avoid to be used?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E5c	Is metal hoarding used to enhance the possibility of recycling?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6a	Are the concrete and masonry used as general fill ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6b	Are the steel reinforcement bars used by scrap steel mills?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6c	Is the segregation and storage of C&D wastes undertaken in designated area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E6d	Does the use of reusable steel formwork maximise?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E7a	Are the temporary stockpiles maintained regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E7b	Is the excavated fill material reused for backfilling and reinstatement?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8a	Are the excavated slope , stockpile material and bund walls covered by tarpaulin?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8b	Are covering trucks or transporting wastes in enclosed containers when transportation of waste ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E8c	Are waste storage area properly cleaned and do not cause windblown litter and dust nuisance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E9	Is hydroseeding of the topsoil on the stockpile implemented to improve visual appearance and prevent soil erosion?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E10	Is the nomination of approved personnel to be responsible for good site practices and making arrangements for collection of all wastes generated on-site and effective disposal implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

E11	Are the training of site personnel for cleanliness, proper waste management procedures including chemical waste handling, and waste reduction, reuse and recycling concept implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E12	Are the regular cleaning and maintenance programme for drainage systems, sumps, oil interceptors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E13a	Are wood, steel and other metals separated for re-use and/or recycling?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E13b	Do the excavated materials appear contaminated?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>									
E13c	If suspected contaminated, appropriate procedures followed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A								
E14	Is the disposal of C&D materials avoided onto any sensitive locations e.g. agricultural lands etc.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
E15	Are the public fill and C&D waste segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Chemical Waste / Waste Oil													
E16	Are chemicals and waste oil recycled or disposed properly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Chemical Packaging													
E17a	Have the containers a capacity of <450 L unless the specification has been approved by EPD?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A								
E17b	Are the containers (holding, resistant to corrosion, maintained in a good condition, and securely closed) used for storage of chemical wastes ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									
Chemical Labelling													
E18	Is chemical waste or waste oil stored and labelled in English and Chinese properly in designated area? <table border="1" data-bbox="220 1261 746 1429"> <thead> <tr> <th>Capacity of Container</th> <th>Dimensions of Label</th> </tr> </thead> <tbody> <tr> <td>< 50L</td> <td>No less than 90 x 100mm</td> </tr> <tr> <td>50 to 450L</td> <td>No less than 120 x 150mm</td> </tr> <tr> <td>> 450L</td> <td>No less than 180 x 200mm</td> </tr> </tbody> </table>	Capacity of Container	Dimensions of Label	< 50L	No less than 90 x 100mm	50 to 450L	No less than 120 x 150mm	> 450L	No less than 180 x 200mm	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Capacity of Container	Dimensions of Label												
< 50L	No less than 90 x 100mm												
50 to 450L	No less than 120 x 150mm												
> 450L	No less than 180 x 200mm												
Chemical Waste / Fuel Storage Area													
E19a	Are the storage area are clearly labelled and separated (if needed)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19b	Are the storage area enclosed 3 sides by walls/fence of ≥2m tall and bounded with adequate bund capacity (>110% of largest container) or do the storage area allow storage of 20% of total volume of waste ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19c	Do the storage areas have adequate ventilation and be covered to prevent rainfall entering and reduce heat from sunlight?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E19d	Are the fuel tanks and chemical storage areas provided with locks and sited on sealed areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O								
E20	Is chemical waste collected by licensed waste collectors and disposed of at licensed facility eg. Chemical Waste Treatment Centre?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>									

Records					
E21	Is a licensed waste hauler used for waste collection ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E22	Are the records of quantities of wastes generated, recycled and disposed properly kept?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
E23	For the demolition material / waste, is the number of loads for each day recorded as appropriate?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

F	Landfill Gas (LFG)	N/A or Not Observed	Yes	No	Remarks / Photo
Within NENT Landfill Extension					
F1	Are special LFG precautions taken to avoid potential hazards of LFG exposure (ignition, explosion, asphyxiation, toxicity)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F2	Are prominent safety warning signs erected on-site to alert all personnel and visitors of LFG hazards during excavation works.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F3	Is no smoking or burning permitted on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F4	Are prominent ' No smoking ' and ' No Naked Flames ' signs erected on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F5	Is no worker allowed to work alone at any time in excavated trenches or confined areas on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F6	Is adequate fire fighting equipment provided on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F7	Are construction equipment equipped with vertical exhaust at least 0.6m above ground installed with spark arrestors?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F8	Are electrical motors and extension cords explosion-proof and intrinsically safe for use on-site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/O
F9	Is ' Permit to Work ' system implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F10	Are welding, flame-cutting or other hot works conducted only under 'Permit to Work' system following clear safety requirements, gas monitoring procedures and presence of qualified persons to supervise the works?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F11a	For pipng assembly or conduit construction , are all valves and seals closed immediately after installation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11b	Are the pipe ends sealed on one side during installation if installation of large diameter pipes (diameter > 600mm) is required?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11c	Is forced ventilation implemented prior to operation of installed pipeline ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F11d	Is forced ventilation implemented for works inside trenches deeper than 1m ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A
F12	Is frequency and location of LFG monitoring within excavation area determined prior to commencement of works? *LFG monitoring in excavations should be conducted at < 10mm from exposed ground surface.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F13	For excavation works, Is LFG monitoring conducted (1) at ground surface prior to excavation, (2) immediately before workers entering excavations, (3) at the beginning of each half-day work, and (4) periodically throughout the working day when workers are in the excavation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

(Construction Phase)

Environmental Site Inspection Checklist (Rev. 3)

F14	Are LFG monitoring conducted periodically when any cracks on ground level encountered on-site? *Appropriate action should be taken in accordance with the action plan in Table 7.6 of EIA Report.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F15a	Are LFG precautionary measures involved in excavation and piping works provided in accordance with LFG Guidance Note and included in Safety Plan of construction phase?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F15b	Are temporary offices or buildings located where free LFG has been proven or raised clear of ground at a separation distance of at least 500mm?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F16	Is a Safety Officer trained in the use of gas detection equipment and LFG- related hazards present on-site throughout the groundwork phase? *The Safety Officer should be provided with an intrinsically safe portable instrument appropriately calibrated and capable of measuring the following gases: •CH ₄ : 0-100% and LEL: 0-100%/v •CO ₂ : 0-100% •O ₂ : 0-21%	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17a	Periodically during groundwork construction, Is the works area monitored for CH ₄ CO ₂ and O ₂ using appropriately calibrated portable gas detection equipment? *The monitoring frequency and areas should be established prior to commencement of groundwork either by Safety Officer or appropriately qualified person.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17b	Is routine monitoring carried out in all excavations, manholes, created by temporary storage of building materials on-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F17c	Are all measurements in excavations made with monitoring tube located < 10mm from exposed ground surface?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F18	For excavations > 1m, are measurements conducted? • At ground surface before excavation commences; • Immediately before any worker enters the excavation; • At the beginning of each working day for entire period the excavation remains open; and • Periodically throughout the working day whilst workers are in excavation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F19	For excavations 300mm to 1m, are measurements conducted? • Directly after excavation has been completed; and • Periodic all whilst excavation remains open.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
F20	For excavations < 300mm, are monitoring omitted at the discretion of Safety Officer or appropriately qualified person?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

G	Landscape and Visual Impacts	N/A or Not Observed	Yes	No	Remarks / Photo
G1	Is the work site confined within site boundaries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G2	Is damage to surrounding areas avoided ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G3	Are the protective fencing erected along or beyond the perimeter of the tree protection zone of each individual tree?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Advanced screening tree planting					
G4a	Is early planting using fast growing plants and tall shrubs at strategic locations within site implemented?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
G4b	Are the roadside planter and shrub planting implemented in front of Cheung Sha Temple ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Boundary Green Belt planting					
G5	Are the fast growing and fire-resistant plant species planted around the site perimeter?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Temporary landscape treatment as green surface cover					
G6	Are grass hydroseeding or synthetic covering material of green colour used as a temporary slope cover ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Existing tree preservation					
G7	Are existing and affected tree which identified as ecological significant preserved whenever possible?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

H	Ecology	N/A or Not Observed	Yes	No	Remarks / Photo
H1	Is transplantation of the important plant species implemented? Is post-transplantation maintained and monitored regularly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

I	Environmental Complaint	N/A or Not Observed	Yes	No	Remarks / Photo
I1	Environmental Complaint received during this week?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
J General Housekeeping / Others					
J1	Are the defined boundaries of working areas identified to prevent loss of vegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
J2	Are the portable toilets maintained in a state, which will not deter the workers from utilizing these portable toilets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Follow up action for previous Site Inspection:




1. 14 October 2023 Observation 1 - The loaded dump truck was covered by impervious sheet.
2. 20 October 2023 Observation 1 - The accumulated of waste in waste skip at portion A was removed.
3. 20 October 2023 Observation 3 - The slope surface at SBA was covered by impervious sheets properly.

Observation(s):


N/O

Corrective Actions – Mitigation Measures Implemented or Proposed (if any):

The contractor has been reminded that water spraying shall be provided regularly for dust control.

	Environmental Team's Representative:	Independent Environmental Checker's Representative:	Contractor's Representative:	Employee's Representative
Signature:		/		
Name:	Joan Lo	/	Matt Choy/Kristy Wong	Sylvia Ho
Date:	27 November 2023	/	27 November 2023	27 November 2023

PART I Follow-up status of the previous site inspection

Observation and Recommendation	Follow-up status
<p data-bbox="134 300 485 327"><u>6 November 2023 Observation 1</u></p>  <p data-bbox="134 824 724 887">The outside surrounding of the scaffolding without dust screen, sheeting or netting was found at the Portion D.</p>	<p data-bbox="954 573 1254 607">Waiting for Contractor Input</p>

Observation and Recommendation	Follow-up status
<p data-bbox="132 253 486 280"><u>6 November 2023 Observation 2</u></p>  <p data-bbox="132 1261 759 1559">The muddy water which is caused from the water spraying by the water sprinkler at the Portion A is found. The deposited silt and grit are found under the tower crane at the Portion A. The contractor has been recommended that the sandbag barriers or bunds should be provided and established along the water safety barriers at the Portion A. The muddy water should be collected from the proper channel, final to the silt removal facility for treatment. The deposited silt and grit under the tower crane at the Portion A should be removed.</p>	 <p data-bbox="788 1137 1430 1196">The bunds near the safety barriers at the Portion A had been established by the contractor.</p> <p data-bbox="788 1261 1430 1346">Waiting for Contractor Input: Photo record for cleaning deposited silt and grit under the tower crane at the Portion A</p>

Observation and Recommendation	Follow-up status
<p data-bbox="132 248 485 277"><u>6 November 2023 Observation 3</u></p>   <p data-bbox="132 1422 762 1603">The food waste is found at the waste skip of SBA. The general waste should be stored in the enclosed bins. The contractor has been advised that the additional enclosed bin should be increased at the SBA. The “type of waste” label should be labelled at the surrounding of the enclosed bins or waste skip for easily identify for on-site workers.</p>	 <p data-bbox="788 1081 1417 1144">The waste at the waste skip of SBA was removed by the contractor.</p> <p data-bbox="788 1160 1417 1252">Waiting for Contractor Input: Photo record for increasing the enclosed bins at SBA and labelling the “type of waste” at the surrounding of the enclosed bins or waste skip at SBA.</p>

Observation and Recommendation	Follow-up status
<p data-bbox="134 253 496 280"><u>14 November 2023 Observation 1</u></p>  <p data-bbox="134 779 762 902">The loaded dump truck without covering impervious sheet is found at the access road between Portion A and E4. The contractor has been recommended to ensure all of loaded dump trucks should be covered by impervious sheeting.</p>	 <p data-bbox="788 824 1407 857">The loaded dump truck was covered by impervious sheet.</p>
<p data-bbox="134 918 496 945"><u>20 November 2023 Observation 1</u></p>  <p data-bbox="134 1444 762 1541">The overloading of accumulated waste is found at portion A. The waste should be stored in waste skip properly and clean regularly.</p>	 <p data-bbox="798 1467 1407 1529">The accumulated of waste in waste skip at portion A was removed.</p>

Observation and Recommendation	Follow-up status
<p><u>20 November 2023 Observation 2</u></p>  <p>The food waste is found at the waste skip of SBA. The general waste should be stored in the enclosed bins. The contractor has been advised that the additional enclosed bin should be increased at the SBA. The “type of waste” label should be labelled at the surrounding of the enclosed bins or waste skip for easily identify for on-site workers.</p>	<p>Waiting for Contractor Input</p>
<p><u>20 November 2023 Observation 3</u></p>  <p>The slope surface at SBA without covering impervious sheets properly is found. The contractor has been recommended that the exposed slope should be covered by impervious sheet.</p>	 <p>The slope surface at SBA was covered by impervious sheets properly.</p>

PART II Observation and recommendation identified during the environmental site inspection

Observation and Recommendation	Follow-up status
N/O	N/O

PART III Temporary Surface Water Drainage System (TSWDS) Photo Record during the environmental site inspection

<p>Box culvert near WM2</p>  A photograph showing a concrete box culvert structure. The culvert is partially filled with water, and a concrete ramp with diagonal stripes leads to its entrance. The surrounding area is wooded with green trees.	<p>Branch from Portion A</p>  A photograph of a concrete drainage channel. The channel is filled with a thick, reddish-brown slurry. The concrete walls are visible, and there are some orange markers or pipes protruding from the side.
<p>Sedimentation Pond at Portion B1</p>  A photograph of a sedimentation pond. The pond is filled with a thick, orange-brown slurry. Concrete walls are visible on the left and right sides. In the background, there are trees and some construction materials.	<p>Surface channel at Portion B2</p>  A photograph of a narrow concrete surface channel. The channel is filled with a thick, orange-brown slurry. The concrete walls are visible, and there are some plants and trees in the background.

Surface channel at Portion B2	Surface channel at Portion B2
	
Surface channel at Portion B2	Catpit at Portion B2
	
Wo Keng Shan Road near Portion B2	Sedimentation basin at Portion B2
	

Existing channel at Protion E3-1	Sedimentation basin near Protion E4
