

CEDD Contract No.: CV/2005/12
 Project: Fill Bank at Tseung Kwan O Area 137

Inspection Date : 02 March 2006
 Time : 10:30

Weather : Sunny / Fine / Cloudy / Overcast / Drizzle / Rain / Storm / Hazy
 Wind : Calm / Light / Breeze / Strong

Temperature : 14°C
 Humidity : High / Moderate / Low

	Implementation Stages*			Remark
	Yes	No	N/A	
Environmental Checklist				
Fugitive Dust Emission				
▪ Dust control / mitigation measures shall be provided to prevent dust nuisance.	✓			
▪ A buffer zone of at least 100m shall be maintained between the edge of the stockpiling area and the nearest ASRs at the TKO Industrial Estate. Within the buffer zone, no dusty material shall be stockpiled and no loading / unloading and similar activities should be allowed.	✓			
▪ Water sprays shall be provided and used to dampen materials.	✓			
▪ Regular cleaning and watering the site shall be provided to minimize the fugitive dust emissions.	✓			
▪ All vehicles shall be restrict to a maximum speed of 10 km per hour.	✓			
▪ Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	✓			
▪ The designated site main haul road shall be paved or regular watering.	✓			
▪ Frequent watering of work site shall be at least three times per day.	✓			
▪ Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site.	✓			
▪ Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank.	✓			
▪ The temporary slope surfaces, especially those facing to the north of the site shall be covered with impermeable sheet or sprayed with water or protected by other method approved by CEDD.	✓			
▪ Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shot concrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	✓			
▪ When fill material is transfer by belt conveyor systems, the conveyors shall be enclosed on top and 2 sides.	✓			
▪ The belt scraper shall be equipped with bottom plates or other similar means to prevent falling of material from the return belt.	✓			
▪ The level of stockpiling belt conveyor shall be adjustable such that the vertical distance between the belt conveyor and the material landing point is maintained at no more than 1m.	✓			
Noise Impact				
▪ The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted.	✓			
▪ Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.	✓			
▪ Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials.	✓			
▪ Air compressors and hand held breakers should have noise labels.	✓			
▪ Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.	✓			
▪ Noisy equipment and mobile plant shall always be site away from NSRs.	✓			

Environmental Checklist



	Implementation Stages*		Remark
	Yes	No / N/A	
Water Quality			
▪ The existing / realigned intercepting channels and the sand / silt removal facilities shall be used and maintained.	✓		
▪ Temporary intercepting drains should be used at the stockpiling area to divert polluted stormwater to the intercepting channels. Earth bunds and sand bay barriers shall be used to assist the diversion of polluted stormwater to the intercepting channels.	✓		
▪ A buffer distance of at least 100m shall be maintained between the boundary of the public fill stockpiling area and the sea front.	✓		
▪ A buffer distance of at least 20m shall be maintained between the boundary of the C&DMSF and the seafront.	✓		
▪ The stormwater intercepting system shall be effective to collect of runoff and remove suspended solids before discharge.	✓		
▪ The material shall be properly covered to prevent washed away especially before rainstorm.	✓		
▪ The temporary slope surfaces, especially those facing to the north of the site shall be covered with impermeable sheet or sprayed with water or protected by other method approved by CEDD.	✓		
▪ Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shotconcrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	✓		
▪ Existing and newly constructed Catchpits, sand and silt removal facilities and intercepting channels shall be maintained, and the deposited silt and grit shall be removed weekly and on a need basis especially at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	✓		
▪ A wheel washing bay shall be provided at the site exit and wash-water shall have sand and silt settled out or removed before being discharged into storm drains.	✓		
▪ The section of construction road between wheel washing bay and the public road shall be paved with concrete, bituminous materials or hardcore to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	✓		
▪ Sewage from toilets shall be discharged in to a foul sewer, or chemical toilets shall be provided.	✓		
▪ The chemical toilets (if use) shall be provided by a licensed contractor, who will be responsible for disposal and maintenance of these facilities.	✓		
▪ Wastewater collected from canteen kitchen, including that from basins, sinks and floor drains, shall be discharged into foul sewers via grease traps.	✓		
▪ Oil intercept in addition of sand / silt removal facilities shall be provided at the car parking areas.	✓		
▪ The barges shall be in right size such that adequate clearance is maintained between the vessels and the seabed at all states of the tide to ensure the undue turbidity is not generated by turbulence from vessel movement or propeller wash.	✓		
▪ All vessels used for transportation of fill material shall have tight fitting seals to their bottom openings to prevent leakage of material during transport.	✓		
▪ Adequate environmental control measures shall be provided to prevent / avoid dropping of fill material into the sea during the transfer.	✓		
▪ Barges shall not be filled to a level which may cause the overflow of material during loading or transportation. Barge effluents shall be properly collected and treated before disposal.	✓		
▪ The work activities shall not cause any visible foam, oil, grease, scum, litter or other objectionable matters to be present on the water in the vicinity of the barging facilities.	✓		
▪ Existing silt curtain at the outward side of the basin near the Barging Handling Area throughout the period shall be repair, maintain and service when there is public fill intake by barges to the Fill Bank in accordance with PS Clause 1.68. The total length of the silt curtains shall not be less than 160m, and a gap of about 80m shall be left open for access of barges. The silt curtain shall be properly maintained such that it can also serve the function of refuse containment boom to confine floating refuse.	✓		
▪ A waste collection vessel shall be deployed to remove floating debris.	✓		Refer to Item 2

Landscape and Visual	
▪ The design of the fill bank and platform heights adopted should allow the fill bank to fit into the general topography of the surrounding land. Straight edged slopes should be avoided.	✓
▪ The maximum stockpiling height at the fill bank shall be limited to a maximum of +35.2mPD.	✓
▪ Surface of outer slopes of the fill bank shall preferably be hydroseeded or covered with geo-textile matting of appropriate colour (e.g. dark green / brown) once completed.	✓
▪ The barging point and the C&DMSF at the fill bank shall not be in operation from 07:00 pm to 08:00 am daily to avoid potential visual impact from glare.	✓
Other Environmental Factors	
▪ C&D waste sorted from mixed C&D material at eh C&DMSF shall be removed from the temporary buffer storage area on a daily basis and transfer to SENT landfill for disposal.	✓
▪ Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.	✓
▪ Any unused materials or those with remaining functional capacity should be recycled.	✓
▪ All generators, fuel and oil storage are within bundle areas.	✓
▪ Oil leakage from machinery, vehicle and plant is prevented.	✓

Summary of the Weekly Site Inspection:

Item	Details of defective works or observations	Photo Ref.	Further Action Required (Yes/No)
1	Follow up action to previous comments item #8 (24/01/06), item #7 (02/02/06), item #8 (08/02/06), item #6 (14/02/06) and item #3 (20/02/06), rubbish disposed on the ground in the Plant and Vehicle Maintenance Workshop was cleaned up.	060302_001	No
2	Follow up action to previous comments item #3 (07/01/06), item #5 (13/01/06), item #3 (18/01/06), item #2 (24/01/06), item #5 (02/02/06), item #5 (08/02/06), item #2 (14/02/06) and item #2 (20/02/06), silt curtain was still found not enclosed the Marine Barging Area. The Contractor replied that the damaged silt curtain was repairing at the workshop. The Contractor should repair the silt curtain immediately.	060302_002 & 060302_003	Yes

Remark

Inspected by	Name	Signature	Date
	H T Chow		02 March 2006
Checked by	Linda Law		02 March 2006

Photos

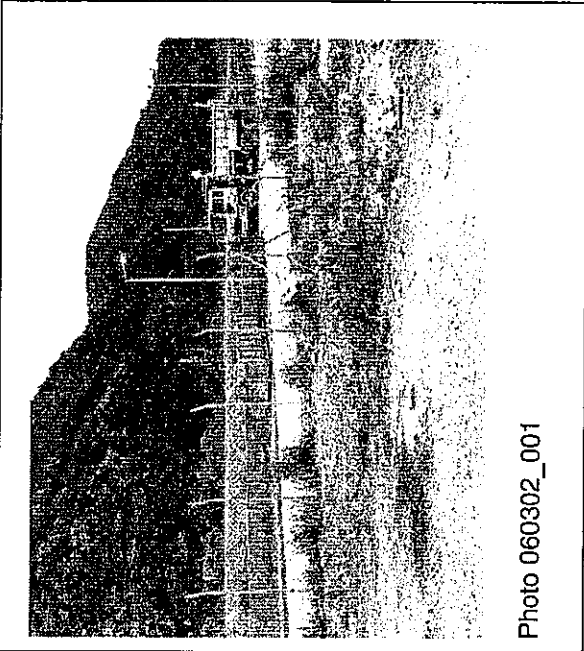


Photo 060302_001

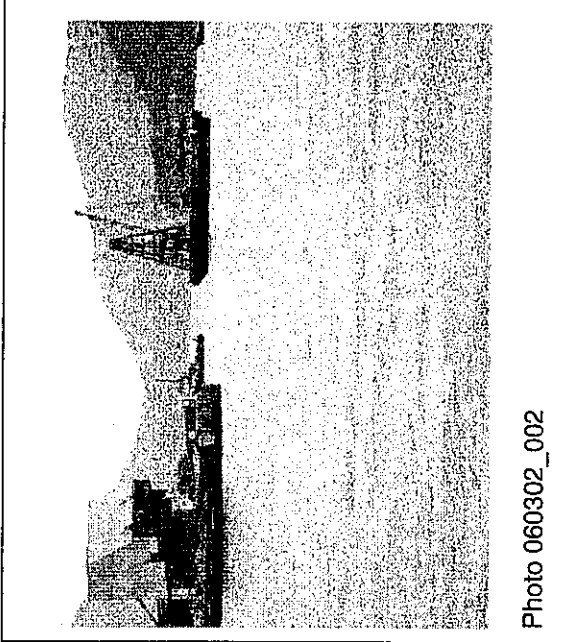


Photo 060302_002

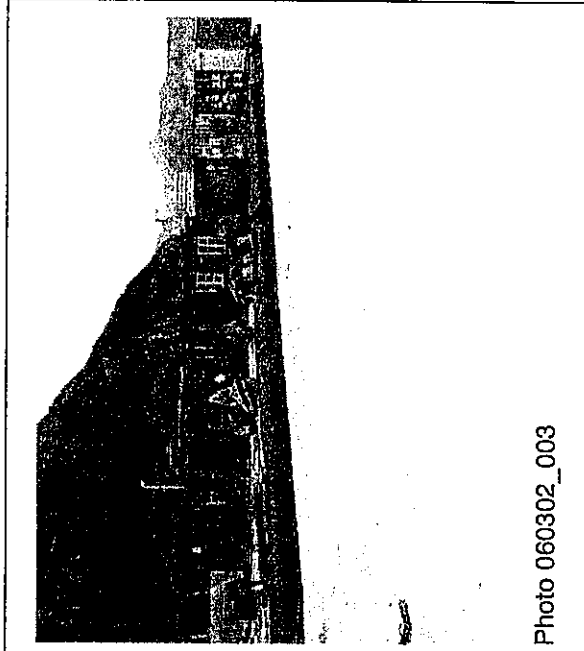


Photo 060302_003

CEDD Contract No.: CV/2005/12
Project: Fill Bank at Tseung Kwan O Area 137

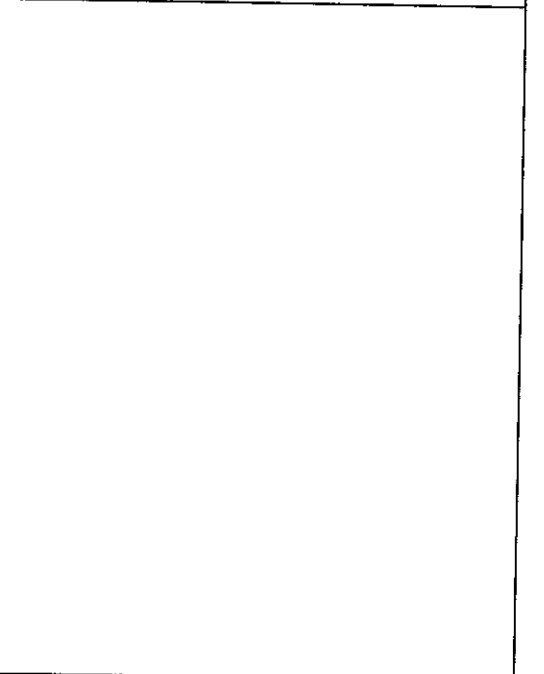
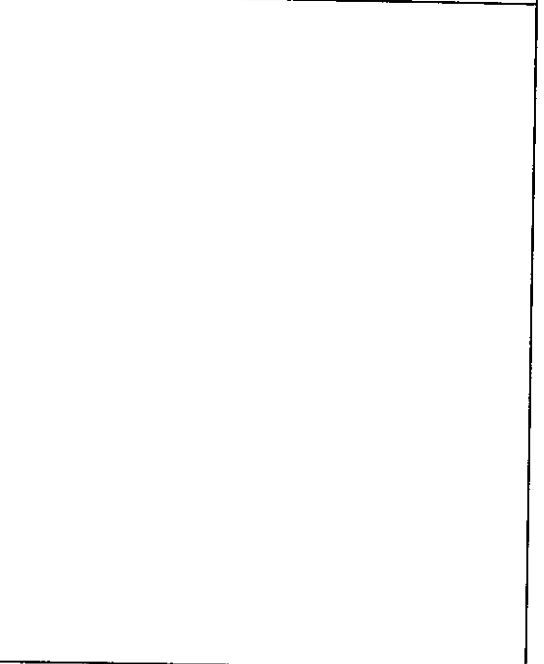
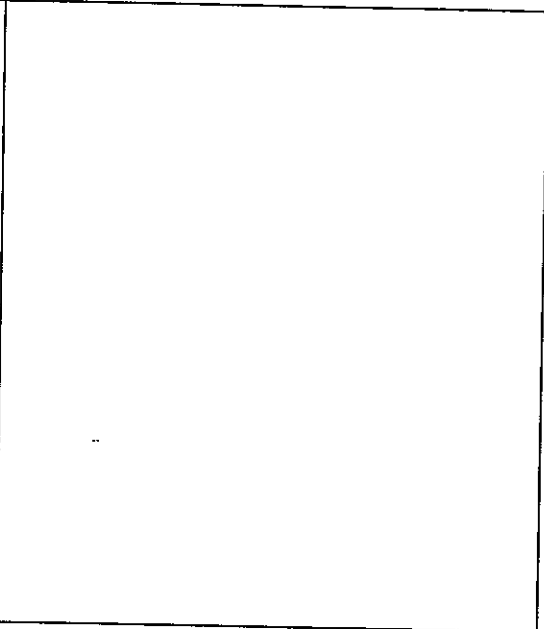
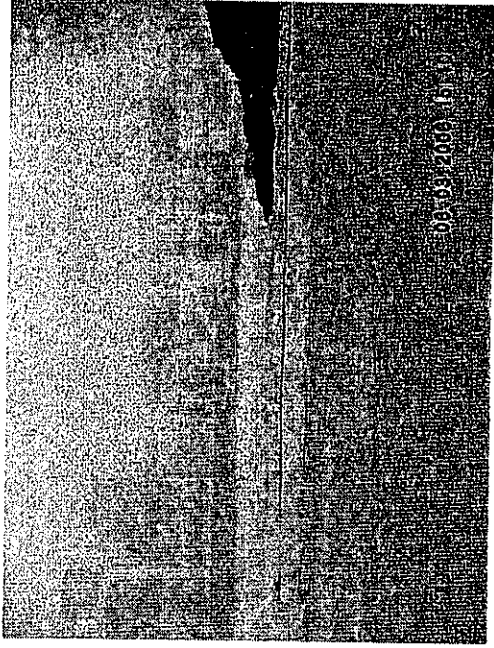
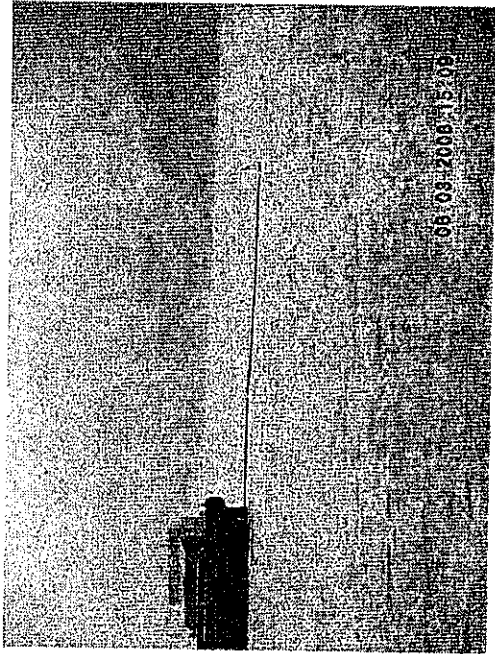
Follow-up Action of the Weekly Site Inspection

Inspection Date : 02 March 2006
Time : 10:30
Inspected by Name : H C Kwok
 : H T Chow
(Contractor)
(ET)

Weather : Sunny+Fine+Cloudy+Overcast+Drizzle+Rain+Storm+Hazy
Wind : Calm+Light+Breeze+Strong
Temperature : 14°C
Humidity : High+Moderate+Low

Item	Details of defective works or observations	Response	Date of Action taken	Photo Ref.
1	Follow up action to previous comments item#3 (07/01/06), item #5 (13/01/06), item #3 (18/01/06), item #2 (24/01/06), item #5 (02/02/06), item #5 (08/02/06), item #2 (14/02/06) and item #2 (20/02/06), silt curtain was still found not enclosed the Marine Barging Area. The Contractor replied that the damaged silt curtain was repairing at the workshop. The Contractor should repair the silt curtain immediately.	The defective silt curtain has been removed and replaced by a new section of silt curtain for proper enclosure purpose.	6 Mar 2006	20060306b 20060306c

Photo of Follow-up Action



CEDD Contract No.: CV/2005/12

Project: Fill Bank at Tseung Kwun O Area 137

Inspection Date : 08 March 2006

Time : 11:00

Weather : Sunny/Fine/Cloudy/Overcast/Drizzle/Rain/Storm/Hazy

Wind : Calm/Light/Breeze/Strong

Temperature : 21°C

Humidity : High/Moderate/Low

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Fugitive Dust Emission				
▪ Dust control / mitigation measures shall be provided to prevent dust nuisance.	✓			
▪ A buffer zone of at least 100m shall be maintained between the edge of the stockpiling area and the nearest ASRs at the TKO Industrial Estate. Within the buffer zone, no dusty material shall be stockpiled and no loading / unloading and similar activities should be allowed.	✓			
▪ Water sprays shall be provided and used to dampen materials.	✓			
▪ Regular cleaning and watering the site shall be provided to minimize the fugitive dust emissions.	✓			
▪ All vehicles shall be restricted to a maximum speed of 10 km per hour.	✓			
▪ Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	✓			
▪ The designated site main haul road shall be paved or regular watering.	✓			
▪ Frequent watering of work site shall be at least three times per day.	✓			
▪ Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site.	✓			
▪ Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank.	✓			
▪ The temporary slope surfaces, especially those facing to the north of the site shall be covered with impermeable sheet or sprayed with water or protected by other method approved by CEED.	✓			
▪ Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shot concrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEED.	✓			
▪ When fill material is transfer by belt conveyor systems, the conveyors shall be enclosed on top and 2 sides.	✓			
▪ The belt scraper shall be equipped with bottom plates or other similar means to prevent falling of material from the return belt.	✓			
▪ The level of stockpiling belt conveyor shall be adjustable such that the vertical distance between the belt conveyor and the material landing point is maintained at no more than 1m.	✓			
Noise Impact				
▪ The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted.	✓			
▪ Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.	✓			
▪ Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials.	✓			
▪ Air compressors and hand held breakers should have noise labels.	✓			
▪ Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.	✓			
▪ Noisy equipment and mobile plant shall always be site away from NSRs.	✓			



		Implementation Stages*		Remark
		Yes	No	
Water Quality				
	▪ The existing / realigned intercepting channels and the sand / silt removal facilities shall be used and maintained.	√		
	▪ Temporary intercepting drains should be used at the stockpiling area to divert polluted stormwater to the intercepting channels. Earth bunds and sand bay barriers shall be used to assist the diversion of polluted stormwater to the intercepting channels.	√		
	▪ A buffer distance of at least 100m shall be maintained between the boundary of the public fill stockpiling area and the sea front.	√		
	▪ A buffer distance of at least 20m shall be maintained between the boundary of the C&DMSF and the seafront.	√		
	▪ The stormwater intercepting system shall be effective to collect of runoff and remove suspended solids before discharge.	√		
	▪ The material shall be properly covered to prevent washed away especially before rainstorm.	√		
	▪ The temporary slope surfaces, especially those facing to the north of the site shall be covered with impermeable sheet or sprayed with water or protected by other method approved by CEDD.	√		
	▪ Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shotconcrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	√		
	▪ Existing and newly constructed Catchpits, sand and silt removal facilities and intercepting channels shall be maintained, and the deposited silt and grit shall be removed weekly and on a need basis especially at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	√		
	▪ A wheel washing bay shall be provided at the site exit and wash-water shall have sand and silt settled out or removed before being discharged into storm drains.	√		
	▪ The section of construction road between wheel washing bay and the public road shall be paved with concrete, bituminous materials or hardcore to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	√		
	▪ Sewage from toilets shall be discharged in to a foul sewer, or chemical toilets shall be provided.	√		
	▪ The chemical toilets (if use) shall be provided by a licensed contractor, who will be responsible for disposal and maintenance of these facilities.	√		
	▪ Wastewater collected from canteen kitchen, including that from basins, sinks and floor drains, shall be discharged into foul sewers via grease traps.	√		
	▪ Oil intercept in addition of sand / silt removal facilities shall be provided at the car parking areas.	√		
	▪ The barges shall be in right size such that adequate clearance is maintained between the vessels and the seabed at all states of the tide to ensure the undue turbidity is not generated by turbulence from vessel movement or propeller wash.	√		
	▪ All vessels used for transportation of fill material shall have tight fitting seals to their bottom openings to prevent leakage of material during transport.	√		
	▪ Adequate environmental control measures shall be provided to prevent / avoid dropping of fill material into the sea during the transfer.	√		
	▪ Barges shall not be filled to a level which may cause the overflow of material during loading or transportation. Barge effluents shall be properly collected and treated before disposal.	√		
	▪ The work activities shall not cause any visible foam, oil, grease, scum, litter or other objectionable matters to be present on the water in the vicinity of the barging facilities.	√		
	▪ Existing silt curtain at the outward side of the basin near the Barging Handling Area throughout the period shall be repair, maintain and service when there is public fill intake by barges to the Fill Bank in accordance with PS Clause 1.68. The total length of the silt curtains shall not be less than 160m, and a gap of about 80m shall be left open for access of barges. The silt curtain shall be properly maintained such that it can also serve the function of refuse containment boom to confine floating refuse.	√		Refer to Item 1
	▪ A waste collection vessel shall be deployed to remove floating debris.	√		

Summary of the Weekly Site Inspection:

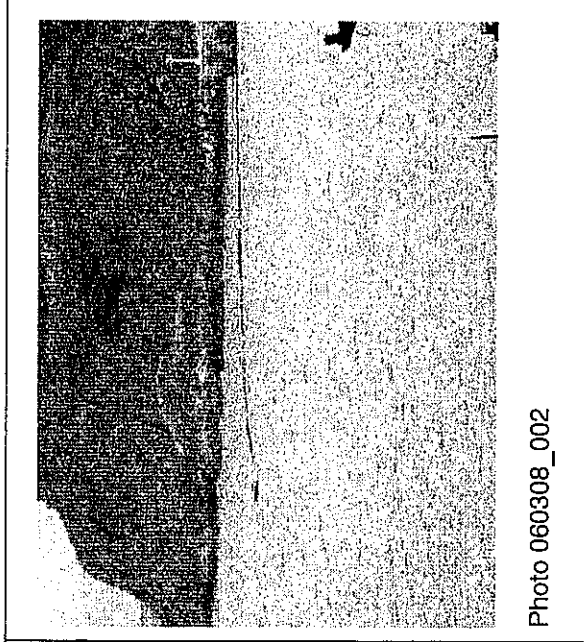
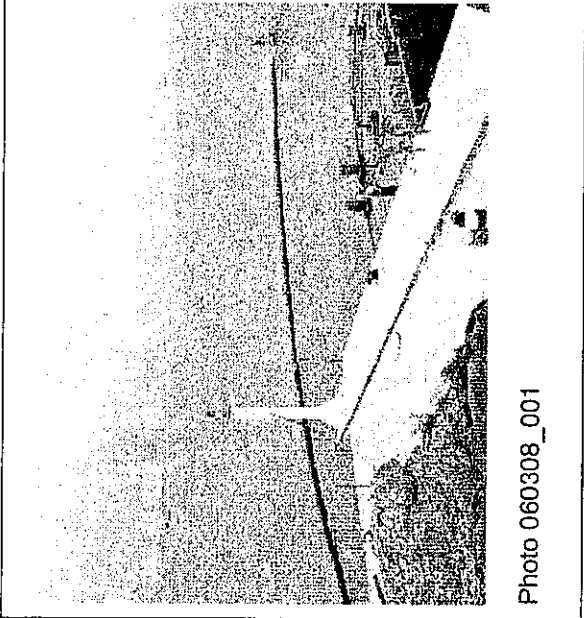
Item	Details of defective works or observations	Photo Ref.	Further Action Required (Yes/No)
1	Follow up action to previous comments item#3 (07/01/06), item #5 (13/01/06), item #3 (18/01/06), item #2 (24/01/06), item #5 (02/02/06), item #5 (08/02/06), item #2 (14/02/06), item #2 (20/02/06) and item #2 (02/03/06), silt curtain was enclosed the Marine Barging Area.	060308_001 & 060308_002	No

Remark

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	Name	Signature	Date
Inspected by	H T Chow		08 March 2006
Checked by	Linda Law		08 March 2006

Photos



CEDD Contract No.: CV/2005/12
Project: Fill Bank at Tseung Kwun O Area 137

Inspection Date : 14 March 2006
Time : 11:15

Weather : Sunny/Fine/Cloudy/Overcast/Drizzle/Rain/Storm/Hazy
Wind : Calm/Light/Breeze/Strong

Temperature : 13°C
Humidity : High/Moderate/Low

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Fugitive Dust Emission				
▪ Dust control / mitigation measures shall be provided to prevent dust nuisance.	✓			
▪ A buffer zone of at least 100m shall be maintained between the edge of the stockpiling area and the nearest ASRs at the TKO Industrial Estate. Within the buffer zone, no dusty material shall be stockpiled and no loading / unloading and similar activities should be allowed.	✓			
▪ Water sprays shall be provided and used to dampen materials.	✓			
▪ Regular cleaning and watering the site shall be provided to minimize the fugitive dust emissions.	✓			
▪ All vehicles shall be restrict to a maximum speed of 10 km per hour.	✓			
▪ Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	✓			
▪ The designated site main haul road shall be paved or regular watering.	✓			
▪ Frequent watering of work site shall be at least three times per day.	✓			
▪ Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site.	✓			
▪ Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank.	✓			
▪ The temporary slope surfaces, especially those facing to the north of the site shall be covered with impermeable sheet or sprayed with water or protected by other method approved by CEDD.	✓			
▪ Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shot concrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	✓			
▪ When fill material is transfer by belt conveyor systems, the conveyors shall be enclosed on top and 2 sides.	✓			
▪ The belt scraper shall be equipped with bottom plates or other similar means to prevent falling of material from the return belt.	✓			
▪ The level of stockpiling belt conveyor shall be adjustable such that the vertical distance between the belt conveyor and the material landing point is maintained at no more than 1m.	✓			
Noise Impact				
▪ The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted.	✓			
▪ Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.	✓			
▪ Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials.	✓			
▪ Air compressors and hand held breakers should have noise labels.	✓			
▪ Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.	✓			
▪ Noisy equipment and mobile plant shall always be site away from NSRs.	✓			

Environmental Checklist

	Implementation Stages*		Remark
	Yes	No N/A	
Water Quality			
▪ The existing / realigned intercepting channels and the sand / silt removal facilities shall be used and maintained.	✓		
▪ Temporary intercepting drains should be used at the stockpiling area to divert polluted stormwater to the intercepting channels. Earth bunds and sand bay barriers shall be used to assist the diversion of polluted stormwater to the intercepting channels.	✓		
▪ A buffer distance of at least 100m shall be maintained between the boundary of the public fill stockpiling area and the sea front.	✓		
▪ A buffer distance of at least 20m shall be maintained between the boundary of the C&DMSF and the seafront.	✓		
▪ The stormwater intercepting system shall be effective to collect of runoff and remove suspended solids before discharge.	✓		
▪ The material shall be properly covered to prevent washed away especially before rainstorm.	✓		
▪ The temporary slope surfaces, especially those facing to the north of the site shall be covered with impermeable sheet or sprayed with water or protected by other method approved by CEDD.	✓		
▪ Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shotconcrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	✓		
▪ Existing and newly constructed Catchpits, sand and silt removal facilities and intercepting channels shall be maintained, and the deposited silt and grit shall be removed weekly and on a need basis especially at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	✓		
▪ A wheel washing bay shall be provided at the site exit and wash-water shall have sand and silt settled out or removed before being discharged into storm drains.	✓		
▪ The section of construction road between wheel washing bay and the public road shall be paved with concrete, bituminous materials or hardcores to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	✓		
▪ Sewage from toilets shall be discharged in to a foul sewer, or chemical toilets shall be provided.	✓		
▪ The chemical toilets (if use) shall be provided by a licensed contractor, who will be responsible for disposal and maintenance of these facilities.	✓		
▪ Wastewater collected from canteen kitchen, including that from basins, sinks and floor drains, shall be discharged into foul sewers via grease traps.	✓		
▪ Oil intercept in addition of sand / silt removal facilities shall be provided at the car parking areas.	✓		
▪ The barges shall be in right size such that adequate clearance is maintained between the vessels and the seabed at all states of the tide to ensure the undue turbidity is not generated by turbulence from vessel movement or propeller wash.	✓		
▪ All vessels used for transportation of fill material shall have tight fitting seals to their bottom openings to prevent leakage of material during transport.	✓		
▪ Adequate environmental control measures shall be provided to prevent / avoid dropping of fill material into the sea during the transfer.	✓		
▪ Barges shall not be filled to a level which may cause the overflow of material during loading or transportation. Barge effluents shall be properly collected and treated before disposal.	✓		
▪ The work activities shall not cause any visible foam, oil, grease, scum, litter or other objectionable matters to be present on the water in the vicinity of the barging facilities.	✓		
▪ Existing silt curtain at the outward side of the basin near the Barging Handling Area throughout the period shall be repair, maintain and service when there is public fill intake by barges to the Fill Bank in accordance with PS Clause 1.68. The total length of the silt curtains shall not be less than 160m, and a gap of about 80m shall be left open for access of barges. The silt curtain shall be properly maintained such that it can also serve the function of refuse containment boom to confine floating refuse.			Refer to Item 1
▪ A waste collection vessel shall be deployed to remove floating debris.	✓		



Landscape and Visual			
▪	The design of the fill bank and platform heights adopted should allow the fill bank to fit into the general topography of the surrounding land. Straight edged slopes should be avoided.	✓	
▪	The maximum stockpiling height at the fill bank shall be limited to a maximum of +35.2mPD.	✓	
▪	Surface of outer slopes of the fill bank shall preferably be hydroseeded or covered with geo-textile matting of appropriate colour (e.g. dark green / brown) once completed.	✓	
▪	The barging point and the C&DMSF at the fill bank shall not be in operation from 07:00 pm to 08:00 am daily to avoid potential visual impact from glare.	✓	
Other Environmental Factors			
▪	C&D waste sorted from mixed C&D material at the C&DMSF shall be removed from the temporary buffer storage area on a daily basis and transfer to SENT landfill for disposal.	✓	
▪	Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.	✓	
▪	Any unused materials or those with remaining functional capacity should be recycled.	✓	
▪	All generators, fuel and oil storage are within bundle areas.	✓	
▪	Oil leakage from machinery, vehicle and plant is prevented.	✓	

Summary of the Weekly Site Inspection:

Item	Details of defective works or observations	Photo Ref.	Further Action Required (Yes/No)
1	Silt curtain at the right hand side was found damaged. The Contractor should repair the damaged part of the silt curtain immediately. Besides, the Contractor was reminded to maintain the silt curtain properly to avoid damage.	060314_001	Yes
2	Standing water was accumulated near the road at Barge Handling Area. The Contractor was reminded to drain the accumulated water out and treated before discharge.	060314_002	Yes
3	Rubbish was found on the ground at Pier Maintenance Workshop. The Contractor was reminded to provide appropriate rubbish bins and collect and dispose the rubbish regularly.	060314_003 & 060314_004	Yes

Remark

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Inspected by	Name	Signature	Date
	H T Chow		14 March 2006
Checked by	Linda Law		14 March 2006

Photos

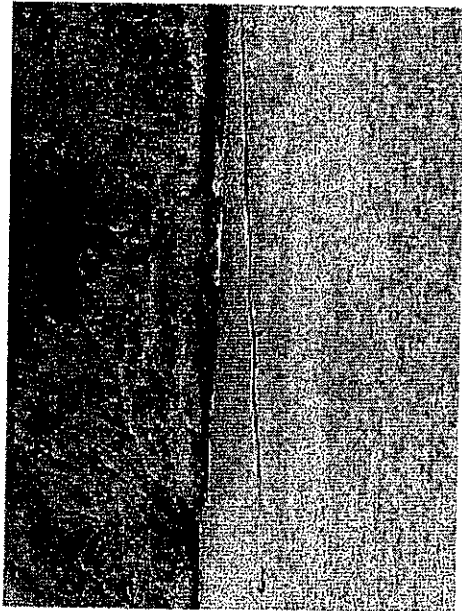


Photo 060314_001

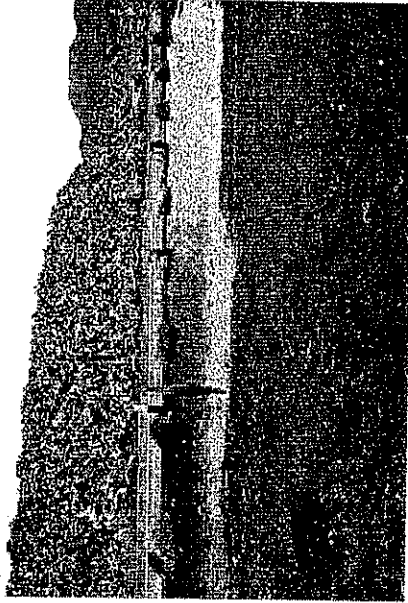


Photo 060314_002



Photo 060314_003



Photo 060314_004

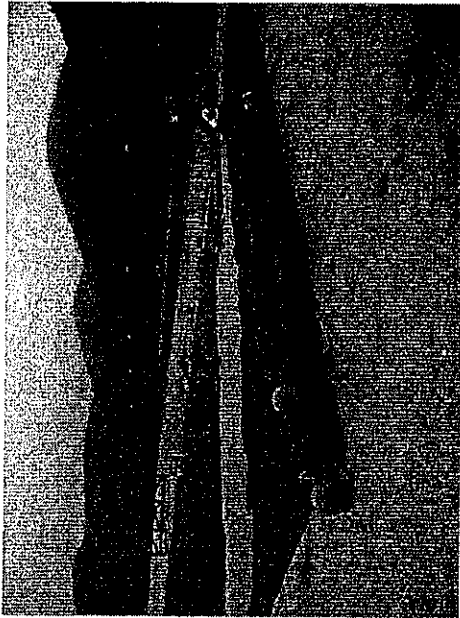
CEDD Contract No.: CV/2005/12
Project: Fill Bank at Tseung Kwan O Area 137

Follow-up Action of the Weekly Site Inspection

Inspection Date : 14 March 2006
Time : 11:15
Weather : Sunny/Fine/Cloudy/Overcast/Drizzle/Rain/Storm/Hazy
Wind : Calm/Light/Breeze/Strong
Inspected by Name : H C Kwok
(Contractor) (ET)
Temperature : 13°C
Humidity : High/Moderate/Low

Item	Details of defective works or observations	Response	Date of Action taken	Photo Ref.
1	Silt curtain at the right hand side was found damaged. The Contractor should repair the damaged part of the silt curtain immediately. Besides, the Contractor was reminded to maintain the silt curtain properly to avoid damage.	The defective silt curtain has been removed and a new section of silt curtain is under preparation for replacement. It is anticipated that the new section of silt curtain will be placed for enclosure purpose by 23 March 2006.	23 Mar 2006 (anticipated)	20060314a
2	Standing water was accumulated near the road at Barge Handling Area. The Contractor was reminded to drain the accumulated water out and treated before discharge.	The stagnant water accumulated nearby the Barge Handling Area had been drained away and the low-lying ground level had been properly filled.	19 Mar 2006	20060314b
3	Rubbish was found on the ground at Pier Maintenance Workshop. The Contractor was reminded to provide appropriate rubbish bins and collect and dispose the rubbish regularly.	All the rubbish has been collected and disposed away properly. Moreover, a rubbish bin has been provided at the workshop for collection of rubbish.	15 Mar 2006	20060314c 20060314d

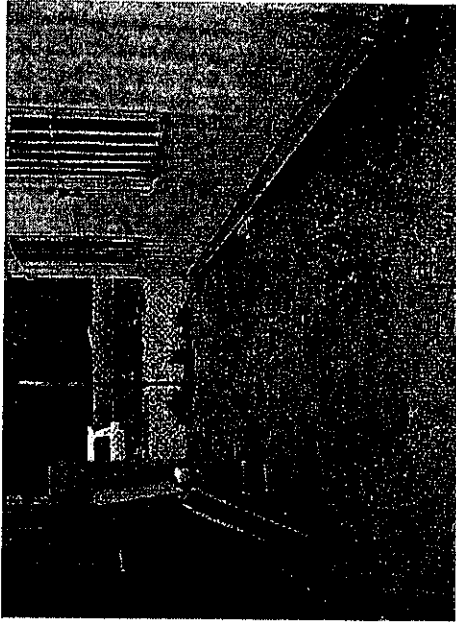
Photo of Follow-up Action



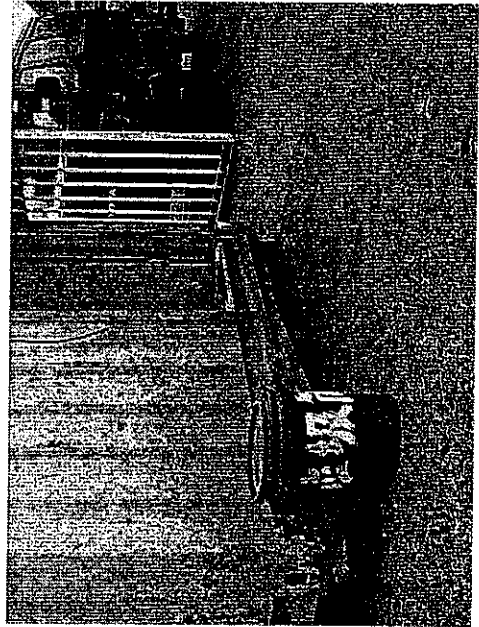
20060314a



20060314b



20060314c



20060314d

CEDD Contract No.: CV/2005/12
Project: Fill Bank at Tseung Kwun O Area 137

Inspection Date : 20 March 2006
Time : 11:15

Weather : Sunny/Fine/Cloudy/Overcast/Drizzle/Rain/Storm/Hazy
Wind : Calm/Light/Breeze/Strong

Temperature : 18°C
Humidity : High/Moderate/Low

Environmental Checklist		Implementation Stages*			Remark
		Yes	No	N/A	
Fugitive Dust Emission					
<input type="checkbox"/>	Dust control / mitigation measures shall be provided to prevent dust nuisance.	✓			
<input type="checkbox"/>	A buffer zone of at least 100m shall be maintained between the edge of the stockpiling area and the nearest ASRs at the TKO Industrial Estate. Within the buffer zone, no dusty material shall be stockpiled and no loading / unloading and similar activities should be allowed.	✓			
<input type="checkbox"/>	Water sprays shall be provided and used to dampen materials.	✓			
<input type="checkbox"/>	Regular cleaning and watering the site shall be provided to minimize the fugitive dust emissions.	✓			
<input type="checkbox"/>	All vehicles shall be restrict to a maximum speed of 10 km per hour.	✓			
<input type="checkbox"/>	Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin.	✓			
<input type="checkbox"/>	The designated site main haul road shall be paved or regular watering.	✓			
<input type="checkbox"/>	Frequent watering of work site shall be at least three times per day.	✓			
<input type="checkbox"/>	Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site.	✓			
<input type="checkbox"/>	Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank.	✓			
<input type="checkbox"/>	The temporary slope surfaces, especially those facing to the north of the site shall be covered with impermeable sheet or sprayed with water or protected by other method approved by CEDD.	✓			
<input type="checkbox"/>	Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shot concrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD.	✓			
<input type="checkbox"/>	When fill material is transfer by belt conveyor systems, the conveyors shall be enclosed on top and 2 sides.	✓			
<input type="checkbox"/>	The belt scraper shall be equipped with bottom plates or other similar means to prevent falling of material from the return belt.	✓			
<input type="checkbox"/>	The level of stockpiling belt conveyor shall be adjustable such that the vertical distance between the belt conveyor and the material landing point is maintained at no more than 1m.	✓			
Noise Impact					
<input type="checkbox"/>	The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted.	✓			
<input type="checkbox"/>	Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.	✓			
<input type="checkbox"/>	Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials.	✓			
<input type="checkbox"/>	Air compressors and hand held breakers should have noise labels.	✓			
<input type="checkbox"/>	Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.	✓			
<input type="checkbox"/>	Noisy equipment and mobile plant shall always be site away from NSRs.	✓			



Landscape and Visual				
<ul style="list-style-type: none"> ▪ The design of the fill bank and platform heights adopted should allow the fill bank to fit into the general topography of the surrounding land. Straight edged slopes should be avoided. 				√
<ul style="list-style-type: none"> ▪ The maximum stockpiling height at the fill bank shall be limited to a maximum of +35.2mPD. 				√
<ul style="list-style-type: none"> ▪ Surface of outer slopes of the fill bank shall preferably be hydroseeded or covered with geo-textile matting of appropriate colour (e.g. dark green / brown) once completed. 				√
<ul style="list-style-type: none"> ▪ The barging point and the C&DMSF at the fill bank shall not be in operation from 07:00 pm to 08:00 am daily to avoid potential visual impact from glare. 				√
Other Environmental Factors				
<ul style="list-style-type: none"> ▪ C&D waste sorted from mixed C&D material at the C&DMSF shall be removed from the temporary buffer storage area on a daily basis and transfer to SENT landfill for disposal. 				√
<ul style="list-style-type: none"> ▪ Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste. 				√
<ul style="list-style-type: none"> ▪ Any unused materials or those with remaining functional capacity should be recycled. 				√
<ul style="list-style-type: none"> ▪ All generators, fuel and oil storage are within bundle areas. 				√
<ul style="list-style-type: none"> ▪ Oil leakage from machinery, vehicle and plant is prevented. 				√

Summary of the Weekly Site Inspection:

Item	Details of defective works or observations	Photo Ref.	Further Action Required (Yes/No)
1	Follow up to previous site inspection on 14/03/06 (item 1), silt curtain at the right hand side was still found damaged. The Contractor replied that the defective silt curtain has been removed and a new section of silt curtain is under preparation for replacement. It is anticipated that the new section of silt curtain will be placed for enclosure purpose by 23 March 2006.	060320_001	Yes
2	Follow up to previous site inspection on 14/03/06 (item 2), no standing water was observed near the road at Barge Handling Area.	060320_002	No
3	Follow up to previous site inspection on 14/03/06 (item 3), all rubbish on the ground at Pier Maintenance Workshop had been cleaned up and rubbish bin was provided.	060320_003 & 060320_004	No

Remark

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Name	Signature	Date
Inspected by H T Chow		20 March 2006
Checked by Linda Law		20 March 2006

Photos

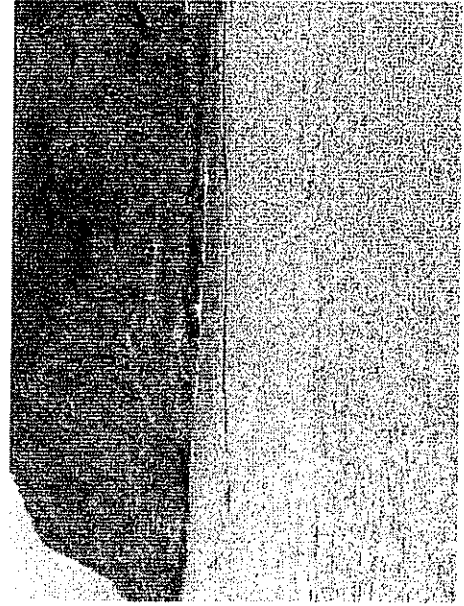


Photo 060320_001

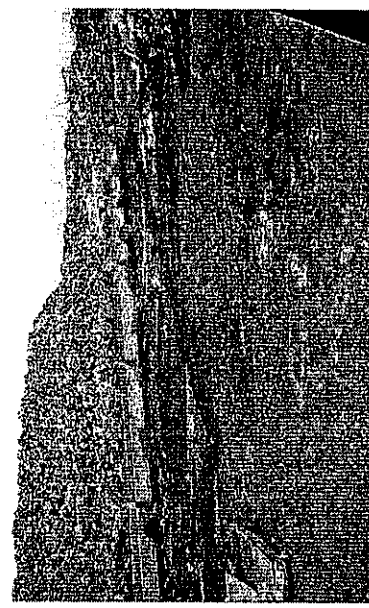


Photo 060320_002



Photo 060320_003

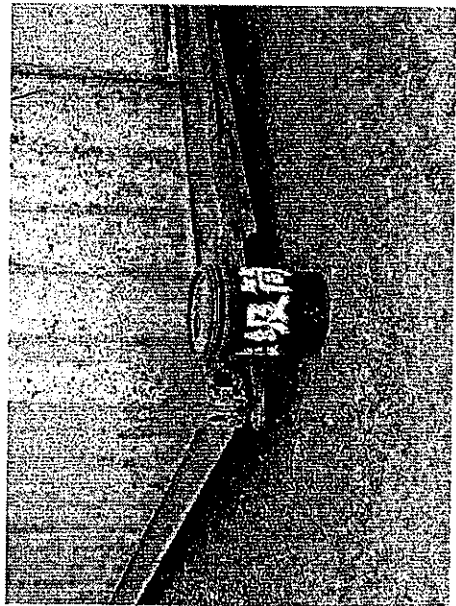


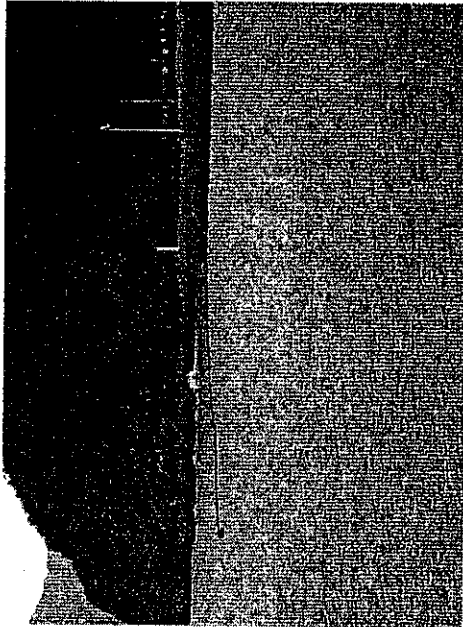
Photo 060320_004

Follow-up Action of the Weekly Site Inspection

Inspection Date : 20 March 2006
 Time : 11:15
 Inspected by Name : H C Kwok
 (Contractor) (ET)
 H T Chow
 Weather : Sunny/Fine/Cloudy/Overcast/Drizzle/Rain/Storm/Hezy
 Wind : Calm/Light/Breeze/Strong
 Temperature : 18°C
 Humidity : High/Moderate/Low

Item	Details of defective works or observations	Response	Date of Action taken	Photo Ref.
1	Follow up to previous site inspection on 14/03/06 (item 1), silt curtain at the right hand side was still found damaged. The Contractor replied that the defective silt curtain has been removed and a new section of silt curtain is under preparation for replacement. It is anticipated that the new section of silt curtain will be placed for enclosure purpose by 23 March 2006.	The new section of silt curtain has been installed for proper enclosure purpose on 25 March 2006.	25 Mar 2006	20060320a

Photo of Follow-up Action



20060320a

CEDD Contract No.: CV/2005/12
Project: Fill Bank at Tseung Kwun O Area 137

Inspection Date : 30 March 2006
Time : 11:20

Weather : Sunny/Fine/Cloudy/Overcast/Drizzle/Rain/Storm/Hazy
Wind : Calm/Light/Breeze/Strong

Temperature : 22°C
Humidity : High/Moderate/Low

Environmental Checklist	Implementation Stages*			Remark
	Yes	No	N/A	
Fugitive Dust Emission				
<ul style="list-style-type: none"> ▪ Dust control / mitigation measures shall be provided to prevent dust nuisance. ▪ A buffer zone of at least 100m shall be maintained between the edge of the stockpiling area and the nearest ASRs at the TKO Industrial Estate. Within the buffer zone, no dusty material shall be stockpiled and no loading / unloading and similar activities should be allowed. ▪ Water sprays shall be provided and used to dampen materials. ▪ Regular cleaning and watering the site shall be provided to minimize the fugitive dust emissions. ▪ All vehicles shall be restrict to a maximum speed of 10 km per hour. ▪ Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin. ▪ The designated site main haul road shall be paved or regular watering. ▪ Frequent watering of work site shall be at least three times per day. ▪ Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site. ▪ Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank. ▪ The temporary slope surfaces, especially those facing to the north of the site shall be covered with impermeable sheet or sprayed with water or protected by other method approved by CEDD. ▪ Final slope surfaces, especially those facing to the north of the site shall be treated by compaction, followed by hydroseeding, vegetation planting or sealing with shot concrete, latex, vinyl, bitumen, or other suitable surface stabilizer approved by CEDD. ▪ When fill material is transfer by belt conveyor systems, the conveyors shall be enclosed on top and 2 sides. ▪ The belt scraper shall be equipped with bottom plates or other similar means to prevent falling of material from the return belt. ▪ The level of stockpiling belt conveyor shall be adjustable such that the vertical distance between the belt conveyor and the material landing point is maintained at no more than 1m. 	√			
Noise Impact				
<ul style="list-style-type: none"> ▪ The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted. ▪ Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works. ▪ Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials. ▪ Air compressors and hand held breakers should have noise labels. ▪ Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum. ▪ Noisy equipment and mobile plant shall always be site away from NSRs. 	√			



Landscape and Visual				
<ul style="list-style-type: none"> ▪ The design of the fill bank and platform heights adopted should allow the fill bank to fit into the general topography of the surrounding land. Straight edged slopes should be avoided. ▪ The maximum stockpiling height at the fill bank shall be limited to a maximum of +35.2mPD. ▪ Surface of outer slopes of the fill bank shall preferably be hydroseeded or covered with geo-textile matting of appropriate colour (e.g. dark green / brown) once completed. ▪ The barging point and the C&DMSF at the fill bank shall not be in operation from 07:00 pm to 08:00 am daily to avoid potential visual impact from glare. 	✓			
Other Environmental Factors				
<ul style="list-style-type: none"> ▪ C&D waste sorted from mixed C&D material at the C&DMSF shall be removed from the temporary buffer storage area on a daily basis and transfer to SENT landfill for disposal. ▪ Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste. ▪ Any unused materials or those with remaining functional capacity should be recycled. ▪ All generators, fuel and oil storage are within bundle areas. ▪ Oil leakage from machinery, vehicle and plant is prevented. 	✓			
		✓		
		✓		
		✓		
		✓		
		✓		

Summary of the Weekly Site Inspection:

Item	Details of defective works or observations	Photo Ref.	Further Action Required (Yes/No)
1	C&D materials and rubbish were found on the ground at Portion D7.	060330_001 & 060330_002	Yes
2	Follow up to previous site inspection on 14/03/06 (item 1) and 20/03/06 (item 1), silt curtain at the right hand side was repaired.	060330_003	No
3	Standing water was accumulated near the pier at Barge Handling Area.	060330_004	Yes
4	Silt and mud was accumulated at the manhole at DP3.	060330_005	Yes

Remark

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	Name	Signature	Date
Inspected by	H T Chow		30 March 2006
Checked by	Linda Law		30 March 2006

Photos



Photo 060330_001

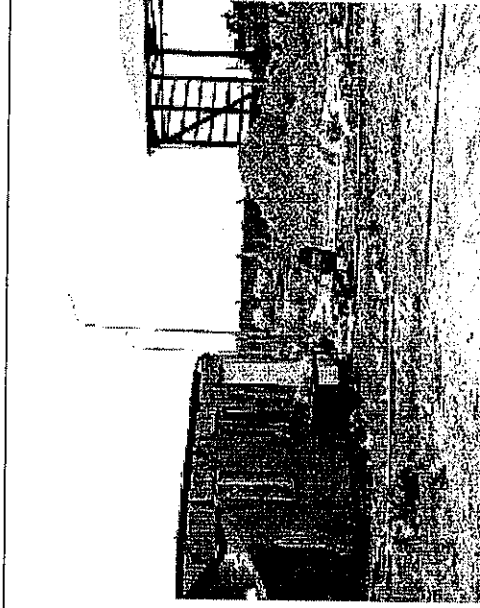


Photo 060330_002

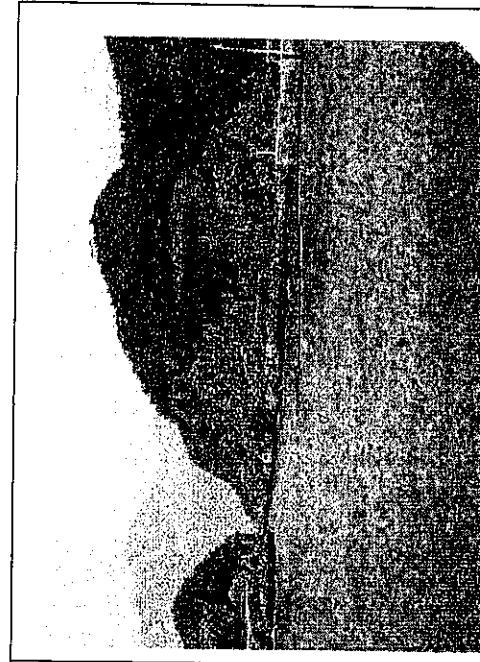


Photo 060330_003

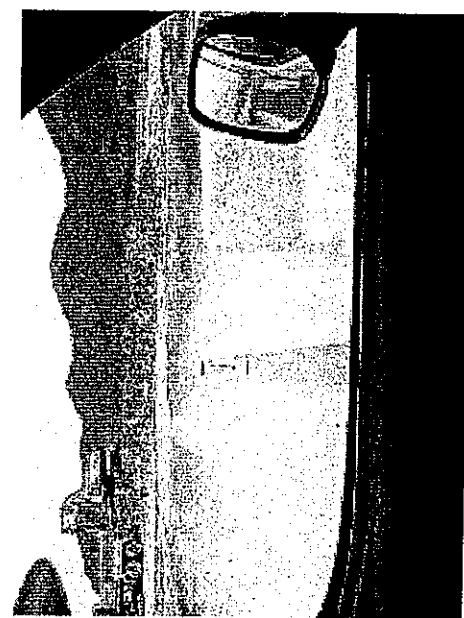


Photo 060330_004



Photo 060330_005


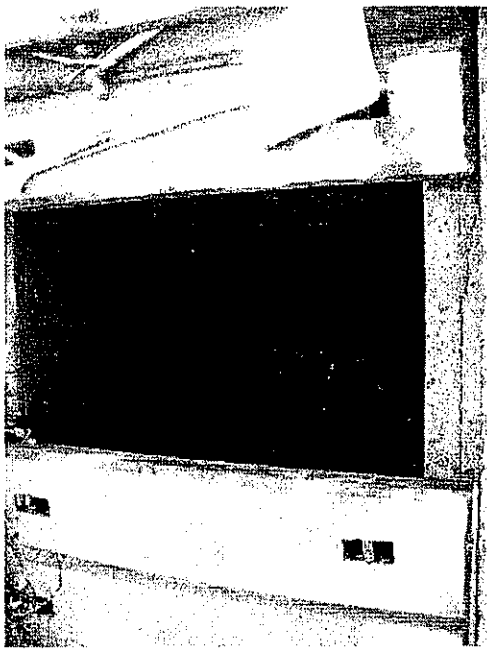
CEDD Contract No.: CV/2005/12
Project: Fill Bank at Tseung Kwan O Area 137

Follow-up Action of the Weekly Site Inspection

Inspection Date : 30 March 2006
 Time : 11:20
 Inspected by Name : H C Kwok
 (Contractor)
 (ET)
 HT Chow
 Weather : Sunny / Fine / Cloudy / Overcast / Drizzle / Rain / Storm / Hazy
 Wind : Calm / Light / Breeze / Strong
 Temperature : 22°C
 Humidity : High / Moderate / Low

Item	Details of defective works or observations	Response	Date of Action taken	Photo Ref.
1	C&D materials and rubbish were found on the ground at Portion D7.	The area of Portion D7 concerned has been occupying by the Contractor of the Construction Waste Sorting Facility (CWSF). The C&D materials and rubbish observed was caused by site activities under the CWSF contract, thus it was not within our jurisdiction.	Not Applicable	Not Applicable
2	Standing water was accumulated near the pier at Barge Handling Area.	The water ponds nearby the Barge Handling Area (BHA) have been properly cleared.	2 Apr 2006	20060330a
3	Silt and mud was accumulated at the manhole at DP3.	The silt and mud accumulated inside the manhole at DP3 has been cleared.	2 Apr 2006	20060330b

Photo of Follow-up Action

 <p>20060330a</p>	 <p>20060330b</p>		
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