



Appendix L

Site Inspection Proforma





WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

| | on Date: 6(12 (201) Inspected by: ET: 10Ward, Character: Mr. Ken Mar | WSD: _ IEC: _ | | | |
|---------|--|------------------|---------------|--------|---------------|
| | on Time: 09-30 - /1-00 | | | | |
| Weathe | | Constant | | Hazy | |
| Conditi | onSunnyFineOvercastDrizzleRain | Stor | | Hazy | |
| Tempe | rature Humidity High Moderate | Low | ′ | | |
| Wind | Calm Light Breeze Strong | | | | |
| | | | | | |
| | | N/A | Yes | No | Photo/Remarks |
| 0.00 | General | | | | |
| 0.01 | ls the current Environmental Permit displayed conspicuously at all vehicle site | | 1 | | |
| | entrances/exits for public's information at any time? | | | | |
| 0.02 | Is ET Leader's log-book kept readily available for inspections? | | | | |
| 1.00 | Construction Dust | | | | |
| | Are dusty materials, such as excavated materials, building debris and construction | | \Box | | |
| | materials, and exposed earth surface properly covered to prevent dust emission? | | | ш | |
| l . | Are screenings, enclosures, water spraying or vacuum cleaning devices provided to dusty | | $\overline{}$ | | |
| | construction works for dust suppression? | | | | |
| 1.03 | Are fumes or smoke emitting plants or construction activities shielded by a screen? | | | | A LIGHT |
| | | | Ш | | |
| 1.04 | Are wheel-washing facilities with high-pressure water jets provided at all site exits? | | | | |
| 1.05 | Is wheel-washing provided to all vehicles leaving the site? | | | | |
| 1.06 | Are road section near the site exit free from dusty material? | | | | |
| 1.07 | Are all main haul roads inside the site paved or sprayed with water to minimize dust | | Ň | \Box | |
| | emission during vehicle movement? | \Box | | Ш | |
| 1.08 | Are water spraying provided immediately prior to any loading or transfer of dusty | | | П | |
| | materials? | | <u> </u> | | |
| 1.09 | Are covers provided to all dump trucks carrying dusty materials when entering and | | | | |
| | leaving the site? | | | | |
| 1.10 | Are the working areas for uprooting of trees, shrubs, or vegetation or the removal of | | | | <u></u> |
| 1 11 | boulders, poles, pillars sprayed with water to maintain the entire surface wet? Is exposed earth properly treated within six months after the last construction activity on | $\vdash =$ | \equiv | _ | |
| 1.11 | is exposed earth properly treated within six months after the last construction activity on site? | | | | |
| 1.12 | Does the operation of plants on site free form dark smoke emission? | | <u></u> | | 322 |
| | | | لكذا | | |
| 1.13 | Are vehicles travelling at speed not exceeding 15km/hr within the site? | | | | |
| 1.14 | Are stock of more than 20 bags of cement or day PFA covered or sheltered on top and 3 sides? | | | | |
| | | | | | |



| | Contract No.: 15/ WSD/10 Maintaying in | scung ix | van O | | |
|------|--|----------|-------------------|----|---------------|
| | | N/A | Yes | No | Photo/Remarks |
| 1.15 | Are de-bagging, batching and mixing processes of bagged cement carried out in sheltered areas? | | | | |
| 1.16 | Are hoarding of at least 2.4m high provided along the site boundary adjoining areas accessible by the public? | | | | |
| 1.17 | Is open burning prohibited? | | | | |
| 2.00 | Construction Noise (Airborne) | | | | |
| 2.01 | Are quiet plants adopted on site? | | | | |
| 2.02 | Are the PMEs operating on site well-maintained to minimize the generation of excessive noise? | | | | |
| 2.03 | Are plants throttled down or turned off when not in use? | | | | |
| 2.04 | Are the plants known to emit noise strongly in one direction oriented to face away from NSRs? | | | | |
| 2.05 | Are moveable barriers provided to screen NSRs from plant or noisy operations? | V | | | _ |
| 2.06 | Are silencers, mufflers and enclosures provided to plants? | | | | |
| 2.07 | Are the hoods, cover panels and inspection hatches of PMEs closed during operation? | | V | | |
| | Are purposely-built site hoarding construction with appropriate materials provided along the site boundary? | | | | |
| | Are noisy operation properly scheduled to minimize exposure and cumulative impacts to nearby sensitive receivers? | | | | 3 |
| 2.10 | Are valid noise emission label(s) affixed to all hand-held breakers operating on site? | | | | |
| 2.11 | Are valid noise emission label(s) affixed to all air compressors operating on site? | | | | |
| | Are all construction noise permit(s) applied for percussive piling work? | | | | |
| | Are construction noise permit(s) applied for general construction works during restricted hours? | | | | |
| | Are valid construction noise permit(s) displayed at all vehicular exits? | | | | |
| | Water Quality Is effluent discharge license obtained for wastewater discharge from site? | | | | |
| 3.02 | Is effluent discharged according to the effluent discharge license? | | $\overline{\Box}$ | | 02 004 |
| 3.03 | Is wastewater discharge from site properly treated prior to discharge? | | | | 004 |
| 3.04 | Are perimeter channels provided to intercept storm runoff from outside the site? | | | | |
| | Are sand/silt removal facilities such as sand/silt traps and sediment basins provided to remove sand/silt particles from runoff? | | | | |
| | s surface runoff diverted to sedimentation facilities? | | | | |



| | | N/A | Yes | No | Photo/Remarks |
|----------------------------|--|--------------|--------------|----|---------------|
| 3.07 | Is the drainage system properly maintained? | | \checkmark | | Ros |
| 3.08 | Are construction works carefully programmed to minimize soil excavation works during rainy seasons? | \checkmark | | | |
| 3.09 | Are exposed soil surface protected by paving as soon as possible to reduce the potential of soil erosion? | V | | | |
| 3.10 | Are temporary access roads protected by crushed gravel? | | | | |
| 3.11 | Are exposed slope surface properly protected? | | | | |
| 3.12 | Is trench excavation avoided in the wet season as far as practicable, or if necessary, backfilled in short sections after excavation? | | | | |
| 3.13 | Are open stockpiles of construction materials on site covered by tarpaulin or similar fabric during construction? | | | | |
| 3.14 | Is runoff from wheel-washing facilities avoided? | | | | |
| 3.15 | ls oil leakage or spillage prevented? | | | | 001 |
| 3.16 | Are there any measures to prevent the release of oil and grease into the storm drainage system? | $\sqrt{}$ | | | |
| 3.17 | Are the oil interceptors/ grease traps properly maintained? | | | | |
| 3.18 | Are debris and rubbish generated on site collected, handled and disposed of properly to avoid them entering the streams? | | | | |
| 3.19 | Are all fuel tanks and storage areas provided with locks and be sited on sealed areas, within bunds of capacity equal to 110% of the storage capacity of the largest tank? | | <u>\</u> | | |
| 3.20 | Are tanks, containers, storage area bunded and the locations locked as far as possible from the sensitive watercourse and stormwater drains? | | | | |
| | Are sufficient chemical toilets provided on site to handle sewage from construction work force? | | | | |
| 3.22 | Are sewage disposal and toilet maintenance of the portable chemical toilets provided by the licensed contractors? | | V | | |
| 3.23 | Is concrete washing water properly collected and treated prior to discharge? | | | | |
| 4.00 4.01 | Waste Management Is a trip-ticket system implemented to monitor the disposal of C&D and solid wastes at public filling facilities and landfills? | | | | |
| 4.02 | Is a recording system implemented to record the amount of wastes generated, recycled and disposed of? | | | | |
| 4.03 | Is chemical waste separated from other waste and collected by a licensed chemical waste collector? | | | | |
| 4.04 | Are trip tickets for chemical waste disposal available for inspection? | | | | |
| 4.05 | Is chemical waste reused and recycled on site as far as practicable? | | | | |



Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O Photo/Remarks 4.06 Are all containers for chemical waste properly labelled? Is drip tray provided for chemical storage? 4.08 Is chemical waste storage area used solely for storage of chemical waste and properly labelled? 4.09 Are incompatible chemical wastes stored in different areas? 4.10 Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated? 4.11 Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or of 20% by volume of the chemical waste stored in that area, whichever is the greatest, provide? 4.12 Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors? 4.13 Are sufficient general refuse disposal/collection points provided on site? 4.14 Is general refuse disposed of properly and regularly? 4.15 Are appropriate measures adopted to minimize windblown litter and dust during transportation 4.16 Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation? 4.17 Are C&D wastes sorted on site? 4.18 Are C&D waste disposed of properly? 4.19 Are unused C&D materials or chemicals recycled or reused to reduce the quantity of waste? 4.20 Are public fill and C&D waste reuse on site as far as practicable to avoid disposal off-site? 4.21 Are the construction materials stored properly to minimize the potential for damage or 4.22 Is a dumping license obtained to deliver public fill to public filling areas? Landscape and Visual Are Is site hoarding provided? Are vegetation disturbance minimized or soil protected to reduce potential soil erosion? Is construction light oriented away from the sensitive receivers? 5.04 Is grass hydroseeding provided to slopes as soon as the completion of works?



7.00

7.01

Overall

Is the EM&A properly implemented in general?



Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O No Photo/Remarks 5.05 Are damages to trees outside site boundary due construction works avoided? Is excavation works carried out manually instead of machinery operation within 2.5m vicinity of any preserved trees? 5.07 Are the retained and transplanted tree(s) properly protected and in good conditions? ROI 5.08 Are surgery works carried out for damaged trees? 6.00 Is site runoff properly treated to prevent any silly runoff? 6.01 Are silt trap installed and well-maintained? 6.02 6.03 Are stockpiles properly covered to avoid generating silty runoff? 6.04 Are construction works restricted to works area which are clearly defined?



| Remark / Follow up of Observation(s) and Non-compliance(s) of Last Weekly Site Inspection: |
|---|
| Observation: |
| Onli Oil leakge Shall be avoided and prevented from excavator and other equipment. Contractor was reminded to repair the equipment immediately. (PitOI) |
| equipment immediately. (PitOI) |
| 0022 Chemical container should be storag stored with drip tray (Pitx) |
| 003: Polluted water in drip tray and rainwater in trench shall |
| be cleared and treaded before discharge. (PitOI) |
| 004: Contractor was required to review the capacity of sedimentation |
| be cleared and treaded before discharge. (PiLOI) 004: Contractor was required to review the apacity of sedimentation tank to ensure the discharge was comply to with |
| Keminder: |
| Rol- Contractor was reminded to avoid stacking construction meterals |
| in thee protection rates |
| Rose Catractor was reminded to dear the drawpe of regularly to avoid accumumlate of certiment. Signatures: |
| avoid accumumate of seniment. |
| |
| ET Contractor's WSD's IEC's Representative Representative Representative |
| Land M In |
| (Name: for Chan) (Name: Ken Ma) (Name: Man Wolf) (Name:) |





WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

| | on Date: 15 (1) (20) Inspected by: ET: How land Char Contractor: Mr. Ker Man | WSD: / IEC: | Yr. K.C | Te | |
|---------|--|----------------|--------------|--------|---------------|
| | on Time: 14230 - 15230 | | | | 1 |
| Weathe | | Stor | m _ | Hazy | |
| Conditi | | | | | |
| Temper | ratureC HumidityHighModerate | Low | v | | |
| Wind | Calm Light Breeze Strong | | | | |
| | | 2211 | | | DI |
| | | N/A | Yes | No | Photo/Remarks |
| 0.00 | General | | | | |
| 0.01 | Is the current Environmental Permit displayed conspicuously at all vehicle site | | \checkmark | | |
| | entrances/exits for public's information at any time? | 1,0-3 | | | |
| 0.02 | Is ET Leader's log-book kept readily available for inspections? | | | | |
| 1.00 | Construction Dust | | | | |
| 1.01 | Are dusty materials, such as excavated materials, building debris and construction | | \Box | | |
| | materials, and exposed earth surface properly covered to prevent dust emission? | ш | | | |
| 1.02 | Are screenings, enclosures, water spraying or vacuum cleaning devices provided to dusty | | \Box | \Box | |
| | construction works for dust suppression? | | Ш | Ш | - |
| 1.03 | Are fumes or smoke emitting plants or construction activities shielded by a screen? | | | | |
| | | لكهنا | | Ш | |
| 1.04 | Are wheel-washing facilities with high-pressure water jets provided at all site exits? | | | | |
| 1.05 | Is wheel-washing provided to all vehicles leaving the site? | | | | |
| 1.06 | Are road section near the site exit free from dusty material? | | | | |
| 1.07 | Are all main haul roads inside the site paved or sprayed with water to minimize dust | | | | |
| | emission during vehicle movement? | | Ш | | |
| 1.08 | Are water spraying provided immediately prior to any loading or transfer of dusty | 5/1 | | | |
| | materials? | | Ш | | |
| 1.09 | Are covers provided to all dump trucks carrying dusty materials when entering and | | | | |
| | leaving the site? | | \Box | | |
| 1.10 | Are the working areas for uprooting of trees, shrubs, or vegetation or the removal of | | | | |
| | boulders, poles, pillars sprayed with water to maintain the entire surface wet? | | | | |
| 1.11 | Is exposed earth properly treated within six months after the last construction activity on | | | | |
| 1.12 | site? | | | | |
| 1.12 | Does the operation of plants on site free form dark smoke emission? | | | | |
| 1.13 | Are vehicles travelling at speed not exceeding 15km/hr within the site? | | | | |
| 1.15 | The control and the second sec | | $\sqrt{}$ | | |
| 1.14 | Are stock of more than 20 bags of cement or day PFA covered or sheltered on top and 3 sides? | | | | |
| 1 | | | | | |



| | | N/A | Yes | No | Photo/Remarks |
|------|--|------------|--------------|-------------------|---------------|
| 1.15 | Are de-bagging, batching and mixing processes of bagged cement carried out in sheltered | | | | |
| 1.13 | areas? | | | | |
| 1.16 | Are hoarding of at least 2.4m high provided along the site boundary adjoining areas | | | П | |
| 1.17 | accessible by the public? | | | | |
| 1.17 | Is open burning prohibited? | | | | |
| 2.00 | Construction Noise (Airborne) | | | | |
| 2.01 | Are quiet plants adopted on site? | | | | |
| 2.02 | Are the PMEs operating on site well-maintained to minimize the generation of excessive noise? | | | | |
| 2.03 | Are plants throttled down or turned off when not in use? | | | $\overline{\Box}$ | |
| | | | | | |
| 2.04 | Are the plants known to emit noise strongly in one direction oriented to face away from NSRs? | | | | |
| 2.05 | Are moveable barriers provided to screen NSRs from plant or noisy operations? | | | | |
| 2.06 | Are silencers, mufflers and enclosures provided to plants? | | | | |
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| 2.08 | Are purposely-built site hoarding construction with appropriate materials provided along the site boundary? | | | | |
| 2.09 | Are noisy operation properly scheduled to minimize exposure and cumulative impacts to nearby sensitive receivers? | | | | |
| 2.10 | Are valid noise emission label(s) affixed to all hand-held breakers operating on site? | | | | |
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| 2.13 | Are construction noise permit(s) applied for general construction works during restricted hours? | | | | |
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| 3.00 | Water Quality | | <u></u> | | |
| | Is effluent discharge license obtained for wastewater discharge from site? | Ш | | | |
| 3.02 | Is effluent discharged according to the effluent discharge license? | | | | |
| 3.03 | s wastewater discharge from site properly treated prior to discharge? | | \checkmark | | |
| 3.04 | Are perimeter channels provided to intercept storm runoff from outside the site? | | | | |
| - 1 | Are sand/silt removal facilities such as sand/silt traps and sediment basins provided to remove sand/silt particles from runoff? | | | | |
| | s surface runoff diverted to sedimentation facilities? | | | | |
| 5.00 | is surface ranori diverted to sedimentation facilities? | s / | | | |



| | | N/A | Yes | No | Photo/Remarks |
|---------------------|--|--------------|--------------|----|--|
| 2000.1100 | Is the drainage system properly maintained? | | | | _ રહ્યે |
| I | Are construction works carefully programmed to minimize soil excavation works during rainy seasons? | \checkmark | | | |
| | Are exposed soil surface protected by paving as soon as possible to reduce the potential of soil erosion? | | | | |
| 3.10 | Are temporary access roads protected by crushed gravel? | | | | |
| 3.11 | Are exposed slope surface properly protected? | | | | |
| | Is trench excavation avoided in the wet season as far as practicable, or if necessary, backfilled in short sections after excavation? | | | | |
| 3.13 | Are open stockpiles of construction materials on site covered by tarpaulin or similar fabric during construction? | | | | I————————————————————————————————————— |
| 3.14 | Is runoff from wheel-washing facilities avoided? | | | | |
| 3.15 | Is oil leakage or spillage prevented? | | | | |
| 3.16 | Are there any measures to prevent the release of oil and grease into the storm drainage system? | V | | | |
| 3.17 | Are the oil interceptors/ grease traps properly maintained? | | | | |
| 3.18 | Are debris and rubbish generated on site collected, handled and disposed of properly to avoid them entering the streams? | | | | |
| 3.19 | Are all fuel tanks and storage areas provided with locks and be sited on sealed areas, within bunds of capacity equal to 110% of the storage capacity of the largest tank? | | \checkmark | | |
| 3.20 | Are tanks, containers, storage area bunded and the locations locked as far as possible from the sensitive watercourse and stormwater drains? | | V | | |
| 3.21 | Are sufficient chemical toilets provided on site to handle sewage from construction work force? | | | | |
| 3.22 | Are sewage disposal and toilet maintenance of the portable chemical toilets provided by the licensed contractors? | | | | |
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| 4.00 4.01 | Waste Management Is a trip-ticket system implemented to monitor the disposal of C&D and solid wastes at public filling facilities and landfills? | | | | |
| 4.02 | Is a recording system implemented to record the amount of wastes generated, recycled and disposed of? | | | | |
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Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O Photo/Remarks 4.06 Are all containers for chemical waste properly labelled? 4.07 Is drip tray provided for chemical storage? is chemical waste storage area used solely for storage of chemical waste and properly labelled? 4.09 Are incompatible chemical wastes stored in different areas? 4.10 Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated? 4.11 Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or of 20% by volume of the chemical waste stored in that area, whichever is the greatest, provide? 4.12 Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors? 4.13 Are sufficient general refuse disposal/collection points provided on site? 4.14 Is general refuse disposed of properly and regularly? 4.15 Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste? 4.16 Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation? 4.17 Are C&D wastes sorted on site? 4.18 Are C&D waste disposed of properly? 4.19 Are unused C&D materials or chemicals recycled or reused to reduce the quantity of waste? Are public fill and C&D waste reuse on site as far as practicable to avoid disposal off-site? 4.20 Are the construction materials stored properly to minimize the potential for damage or Is a dumping license obtained to deliver public fill to public filling areas? 5.00 Landscape and Visual 5.01 Are Is site hoarding provided? 5.02 Are vegetation disturbance minimized or soil protected to reduce potential soil erosion? Is construction light oriented away from the sensitive receivers? 5.04 Is grass hydroseeding provided to slopes as soon as the completion of works?



7.01 Is the EM&A properly implemented in general?



Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O

N/A Yes No Photo/Remarks

5.05 Are damages to trees outside site boundary due construction works avoided?

5.06 Is excavation works carried out manually instead of machinery operation within 2.5m vicinity of any preserved trees?

5.07 Are the retained and transplanted tree(s) properly protected and in good conditions?

5.08 Are surgery works carried out for damaged trees?

6.00 Ecology
6.01 Is site runoff properly treated to prevent any silly runoff?

6.02 Are silt trap installed and well-maintained?

6.03 Are stockpiles properly covered to avoid generating silty runoff?

6.04 Are construction works restricted to works area which are clearly defined?





| Remark / Follow up of Observa | ation(s) and Non-compliance | e(s) of Last Weekly Site Insp | pection: |
|---|--------------------------------|-------------------------------|--|
| Observation 2 | | | |
| Ool: Drip tray : | should be provide | ed for chemical | Storage. (WPRI) |
| | | | |
| Reminder: | | | |
| Rol ² Contractor near the r | was remine | hed to remoi (WPRI) | ve the construction materials |
| Roz: General re | efuse shall | be disposed | of properly. (WPKI) |
| 203 - Contractor | was remin | rded to cle | ar the sediment in |
| Storm olra dram. Lwi | in and impor | rve the mitigat | as the sediment in tion measure near the storm |
| | | | |
| Signatures: | | | |
| ET Representative | Contractor's Representative | WSD's Representative | IEC's Representative |
| Small | M | Sta | |
| (Name: Howard Chan) | (Name: Ken Ma) | (Name: 18t LA CHUS) | (\(\frac{5}{2}\) |





WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

| | In Date: 22 (12 (202) Inspected by: ET: 1 ward Chan Contractor: Mr. Len Ma. | WSD: IEC: | Mr. K. 1 | Benz | |
|---------|--|---------------|-----------|------|---------------|
| Weathe | | | | | |
| Conditi | on Sunny Fine Overcast Drizzle Rain | Sto | rm | Hazy | |
| Temper | ature C Humidity High Moderate | e \langle Lov | W | | |
| Wind | Calm Light Breeze Strong | | | | |
| | | | | | |
| | | N/A | Yes | No | Photo/Remarks |
| 0.00 | General | | | | |
| 0.01 | s the current Environmental Permit displayed conspicuously at all vehicle site | | $\sqrt{}$ | | |
| | entrances/exits for public's information at any time? | | | | |
| 0.02 | Is ET Leader's log-book kept readily available for inspections? | | | | |
| 1.00 | Construction Dust | | i | | |
| 1.01 | Are dusty materials, such as excavated materials, building debris and construction | | | | |
| | materials, and exposed earth surface properly covered to prevent dust emission? | | | | · |
| 1.02 | Are screenings, enclosures, water spraying or vacuum cleaning devices provided to dusty | | | | |
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| 1.04 | Are wheel-washing facilities with high-pressure water jets provided at all site exits? | | | | |
| 1.05 | Is wheel-washing provided to all vehicles leaving the site? | \Box | | | |
| 1.06 | Are road section near the site exit free from dusty material? | | | | |
| 1.07 | Are all main haul roads inside the site paved or sprayed with water to minimize dust | | | | |
| | emission during vehicle movement? | | | | |
| 1 1 | Are water spraying provided immediately prior to any loading or transfer of dusty materials? | | | | |
| 1.09 | Are covers provided to all dump trucks carrying dusty materials when entering and | | | | |
| | leaving the site? | | | | |
| 1.10 | Are the working areas for uprooting of trees, shrubs, or vegetation or the removal of | | | | |
| | boulders, poles, pillars sprayed with water to maintain the entire surface wet? | | | Ш | |
| | Is exposed earth properly treated within six months after the last construction activity on | | N | | 100 |
| | Site? Does the operation of plants on site free form dark smoke emission? | | | | |
| 1.12 | Does the operation of plants on site free form dark smoke emission: | | | | - |
| 1.13 | Are vehicles travelling at speed not exceeding 15km/hr within the site? | | V | | |
| 1.14 | Are stock of more than 20 bags of cement or day PFA covered or sheltered on top and 3 sides? | | | | |
| | | | | _ | |



Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O No Photo/Remarks Are de-bagging, batching and mixing processes of bagged cement carried out in sheltered Are hoarding of at least 2.4m high provided along the site boundary adjoining areas accessible by the public? 1.17 Is open burning prohibited? Construction Noise (Airborne) Are quiet plants adopted on site? 2.01 2.02 Are the PMEs operating on site well-maintained to minimize the generation of excessive Are plants throttled down or turned off when not in use? Are the plants known to emit noise strongly in one direction oriented to face away from NSRs? Are moveable barriers provided to screen NSRs from plant or noisy operations? 2.05 Are silencers, mufflers and enclosures provided to plants? Are the hoods, cover panels and inspection hatches of PMEs closed during operation? Are purposely-built site hoarding construction with appropriate materials provided along the site boundary? Are noisy operation properly scheduled to minimize exposure and cumulative impacts to nearby sensitive receivers? Are valid noise emission label(s) affixed to all hand-held breakers operating on site? Are valid noise emission label(s) affixed to all air compressors operating on site? Are all construction noise permit(s) applied for percussive piling work? Are construction noise permit(s) applied for general construction works during restricted Are valid construction noise permit(s) displayed at all vehicular exits? Water Quality 3.01 Is effluent discharge license obtained for wastewater discharge from site? Is effluent discharged according to the effluent discharge license? Is wastewater discharge from site properly treated prior to discharge? 3.04 Are perimeter channels provided to intercept storm runoff from outside the site? Are sand/silt removal facilities such as sand/silt traps and sediment basins provided to remove sand/silt particles from runoff? 3.06 Is surface runoff diverted to sedimentation facilities?



Member of the Aurecon Group Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O Photo/Remarks 3.07 Is the drainage system properly maintained? 3.08 Are construction works carefully programmed to minimize soil excavation works during rainy 3.09 Are exposed soil surface protected by paving as soon as possible to reduce the potential of soil 3.10 Are temporary access roads protected by crushed gravel? 3.11 Are exposed slope surface properly protected? 3.12 Is trench excavation avoided in the wet season as far as practicable, or if necessary, backfilled in short sections after excavation? 3.13 Are open stockpiles of construction materials on site covered by tarpaulin or similar fabric during construction? 3.14 Is runoff from wheel-washing facilities avoided? 3.15 Is oil leakage or spillage prevented? 3.16 Are there any measures to prevent the release of oil and grease into the storm drainage system? 3.17 Are the oil interceptors/ grease traps properly maintained? 3.18 Are debris and rubbish generated on site collected, handled and disposed of properly to avoid them entering the streams? Are all fuel tanks and storage areas provided with locks and be sited on sealed areas, within bunds of capacity equal to 110% of the storage capacity of the largest tank? 3.20 Are tanks, containers, storage area bunded and the locations locked as far as possible from the sensitive watercourse and stormwater drains? Are sufficient chemical toilets provided on site to handle sewage from construction work force? 3.22 Are sewage disposal and toilet maintenance of the portable chemical toilets provided by the licensed contractors? Is concrete washing water properly collected and treated prior to discharge? Is a trip-ticket system implemented to monitor the disposal of C&D and solid wastes at public filling facilities and landfills? Is a recording system implemented to record the amount of wastes generated, recycled and disposed of? 4.03 Is chemical waste separated from other waste and collected by a licensed chemical waste Are trip tickets for chemical waste disposal available for inspection? Is chemical waste reused and recycled on site as far as practicable?



| | Contract Non-10, WS2/10 112anding and | N/A | Yes | No | Photo/Remarks |
|--------|--|-----|-----|----|---------------|
| 4.06 | Are all containers for chemical waste properly labelled? | | | | |
| 4.07 | Is drip tray provided for chemical storage? | | V | | |
| 4.08 | ls chemical waste storage area used solely for storage of chemical waste and properly labelled? | | | | |
| 4.09 | Are incompatible chemical wastes stored in different areas? | | | | |
| 4.10 | Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated? | | | | |
| 4.11 | Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the | | / | | |
| | largest container or of 20% by volume of the chemical waste stored in that area, whichever is the greatest, provide? | | | | |
| 4.12 | Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors? | Ø | | | |
| 4.13 | Are sufficient general refuse disposal/collection points provided on site? | | | | |
| 4.14 | Is general refuse disposed of properly and regularly? | | | | |
| 4.15 | Are appropriate measures adopted to minimize windblown litter and dust during transportation of waste? | | Ø | | |
| 4.16 | Are individual collectors for aluminum cans, plastic bottles and packaging material and office | | | | |
| 10,000 | paper provided to encourage waste segregation? | | | | |
| 4.17 | Are C&D wastes sorted on site? | | | | |
| 4.18 | Are C&D waste disposed of properly? | | | | |
| 4.19 | Are unused C&D materials or chemicals recycled or reused to reduce the quantity of waste? | | V, | | |
| | Are public fill and C&D waste reuse on site as far as practicable to avoid disposal off-site? | | | | |
| | Are the construction materials stored properly to minimize the potential for damage or contamination? | | | | |
| 4.22 | Is a dumping license obtained to deliver public fill to public filling areas? | | | | |
| 5.00 | Landscape and Visual | 1.7 | | | |
| 5.01 | Are Is site hoarding provided? | | | Ш | |
| 5.02 | Are vegetation disturbance minimized or soil protected to reduce potential soil erosion? | | | | |
| 5.03 | Is construction light oriented away from the sensitive receivers? | | | | |
| 5.04 | Is grass hydroseeding provided to slopes as soon as the completion of works? | | | | |
| | | | | | |





Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O Photo/Remarks Are damages to trees outside site boundary due construction works avoided? 5.06 Is excavation works carried out manually instead of machinery operation within 2.5m vicinity of any preserved trees? 5.07 Are the retained and transplanted tree(s) properly protected and in good conditions? 5.08 Are surgery works carried out for damaged trees? Ecology Is site runoff properly treated to prevent any silly runoff? Are silt trap installed and well-maintained? 6.03 Are stockpiles properly covered to avoid generating silty runoff? 6.04 Are construction works restricted to works area which are clearly defined? 7.00 Overall 7.01 Is the EM&A properly implemented in general?



| Rem | ark / Follow up of Observa | ation(s) and Non-co | mpliance(s | s) of Last Weekly Sit | e Inspectio | n: | | |
|-----|---|--------------------------------|------------|-------------------------|-------------|-------------------------|---------|---------------------|
| | eminderi | | | | | | | |
| Z | Poll Contractor | Was | Pemin | del to re | bee | the flat | 1 DMI | × 1 1 10 io |
| 20 | Poli Contractor 121 Stagnant 131 Contract | water | 7/L 0 | Crip tray | ghall | be dear | 1000 (1 | Label. (100) |
| Ri |)31 Contractor protection | wag 2 Zone | reminac 1 | del to | prope. | r maintein | e the | guay (skoi) tree |
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| | | | | | | | | |
| | | | | | | | | ¥ |
| | Signatures: | | | | | | | |
| 63 | ET Representative | Contractor's Representative | | WSD's Representative | • | IEC's Representative | | |
| - | (Name: lower Chan) | (Name: Ken | M4) | (Name: | | (Name: |) | |





WEEKLY ENVIRONMENTAL INSPECTION CHECKLIST

| nspectio | Contractor: The May | WSD: IEC: | Mr. Rlex Tr. Loui | s Kum | |
|---|--|--------------|----------------------|-------|---------------|
| Weather Condition | Rain | Stor | m | Нагу | |
| Temper | Moderate | Low | | | |
| Wind | Calm Light Breeze Strong | | | | |
| | | N/A | Yes | No | Photo/Remarks |
| 0.00 | General | | | | |
| | Is the current Environmental Permit displayed conspicuously at all vehicle site entrances/exits for public's information at any time? | | | | |
| 0.02 | Is ET Leader's log-book kept readily available for inspections? | | | | |
| 100000000000000000000000000000000000000 | Construction Dust | | | | |
| | Are dusty materials, such as excavated materials, building debris and construction materials, and exposed earth surface properly covered to prevent dust emission? | | \checkmark | | |
| 100 | Are screenings, enclosures, water spraying or vacuum cleaning devices provided to dusty | | | | |
| | construction works for dust suppression? | | | | |
| 1.03 | Are fumes or smoke emitting plants or construction activities shielded by a screen? | | | | |
| 1.04 | Are wheel-washing facilities with high-pressure water jets provided at all site exits? | V | | | |
| 1.05 | Is wheel-washing provided to all vehicles leaving the site? | | | | |
| | Are road section near the site exit free from dusty material? | | | | |
| 1.07 | Are all main haul roads inside the site paved or sprayed with water to minimize dust | | | | |
| | emission during vehicle movement? | | | | |
| 1.08 | Are water spraying provided immediately prior to any loading or transfer of dusty materials? | V | | | |
| 1.09 | Are covers provided to all dump trucks carrying dusty materials when entering and leaving the site? | | | | |
| 1.10 | Are the working areas for uprooting of trees, shrubs, or vegetation or the removal of | | | | |
| | boulders, poles, pillars sprayed with water to maintain the entire surface wet? | | | | |
| 1.11 | Is exposed earth properly treated within six months after the last construction activity on site? | | | | |
| 1.12 | Does the operation of plants on site free form dark smoke emission? | | V | | |
| 1.13 | Are vehicles travelling at speed not exceeding 15km/hr within the site? | | | | |
| 1.14 | Are stock of more than 20 bags of cement or day PFA covered or sheltered on top and 3 sides? | | | | |
| 1 | | | | | |





Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O No Photo/Remarks 1.15 Are de-bagging, batching and mixing processes of bagged cement carried out in sheltered 1.16 Are hoarding of at least 2.4m high provided along the site boundary adjoining areas accessible by the public? 1.17 Is open burning prohibited? Construction Noise (Airborne) Are quiet plants adopted on site? 2.01 2.02 Are the PMEs operating on site well-maintained to minimize the generation of excessive Are plants throttled down or turned off when not in use? Are the plants known to emit noise strongly in one direction oriented to face away from NSRs? Are moveable barriers provided to screen NSRs from plant or noisy operations? Are silencers, mufflers and enclosures provided to plants? Are the hoods, cover panels and inspection hatches of PMEs closed during operation? Are purposely-built site hoarding construction with appropriate materials provided along the site boundary? Are noisy operation properly scheduled to minimize exposure and cumulative impacts to Are valid noise emission label(s) affixed to all hand-held breakers operating on site? 2.11 Are valid noise emission label(s) affixed to all air compressors operating on site? 2.12 Are all construction noise permit(s) applied for percussive piling work? 2.13 Are construction noise permit(s) applied for general construction works during restricted hours? 2.14 Are valid construction noise permit(s) displayed at all vehicular exits? 3.00 Water Quality Is effluent discharge license obtained for wastewater discharge from site? 3.02 Is effluent discharged according to the effluent discharge license? 3.03 Is wastewater discharge from site properly treated prior to discharge? 3.04 Are perimeter channels provided to intercept storm runoff from outside the site? 3.05 Are sand/silt removal facilities such as sand/silt traps and sediment basins provided to remove sand/silt particles from runoff? 3.06 Is surface runoff diverted to sedimentation facilities?



| | | N/A | Yes | No | Photo/Remarks |
|---------------------|---|-----|-----|----|---------------|
| 3.07 | s the drainage system properly maintained? | | | | |
| - 1 | Are construction works carefully programmed to minimize soil excavation works during rainy seasons? | | | | |
| 3.09 | Are exposed soil surface protected by paving as soon as possible to reduce the potential of soil erosion? | | | | |
| | Are temporary access roads protected by crushed gravel? | | | | |
| 3.11 | Are exposed slope surface properly protected? | | | | |
| 3.12 | Is trench excavation avoided in the wet season as far as practicable, or if necessary, backfilled in short sections after excavation? | | | | |
| 3.13 | Are open stockpiles of construction materials on site covered by tarpaulin or similar fabric during construction? | | | | |
| 3.14 | Is runoff from wheel-washing facilities avoided? | | | | |
| 3.15 | Is oil leakage or spillage prevented? | | | | Reminder) |
| 3.16 | Are there any measures to prevent the release of oil and grease into the storm drainage system? | V | | | |
| | Are the oil interceptors/ grease traps properly maintained? | | | | |
| 3.18 | Are debris and rubbish generated on site collected, handled and disposed of properly to avoid them entering the streams? | | | | |
| 3.19 | bunds of capacity equal to 110% of the storage capacity of the largest tank? | | | | |
| 3.20 | Are tanks, containers, storage area bunded and the locations locked as far as possible from the sensitive watercourse and stormwater drains? | | | | |
| 3.21 | | | | | |
| 3.22 | Are sewage disposal and toilet maintenance of the portable chemical toilets provided by the licensed contractors? | | V | | |
| 3.23 | Is concrete washing water properly collected and treated prior to discharge? | | | | |
| 4.00 4.01 | Waste Management Is a trip-ticket system implemented to monitor the disposal of C&D and solid wastes at public filling facilities and landfills? | | | | |
| 4.02 | Is a recording system implemented to record the amount of wastes generated, recycled and disposed of? | | | | |
| 4.03 | Is chemical waste separated from other waste and collected by a licensed chemical waste collector? | | | | |
| 4.04 | Are trip tickets for chemical waste disposal available for inspection? | | | | |
| 4.05 | Is chemical waste reused and recycled on site as far as practicable? | | | | |





Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O No Photo/Remarks 4.06 Are all containers for chemical waste properly labelled? 4.07 Is drip tray provided for chemical storage? 4.08 Is chemical waste storage area used solely for storage of chemical waste and properly labelled? 4.09 Are incompatible chemical wastes stored in different areas? 4.10 Is the chemical waste storage area enclosed on at least 3 sides and adequately ventilated? 4.11 Is an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the argest container or of 20% by volume of the chemical waste stored in that area, whichever is the greatest, provide? 4.12 Are a routine cleaning and maintenance programme implemented for drainage systems, sump pits, and oil interceptors? 4.13 Are sufficient general refuse disposal/collection points provided on site? 4.14 Is general refuse disposed of properly and regularly? 4.15 Are appropriate measures adopted to minimize windblown litter and dust during transportation 4.16 Are individual collectors for aluminum cans, plastic bottles and packaging material and office paper provided to encourage waste segregation? 4.17 Are C&D wastes sorted on site? 4.18 Are C&D waste disposed of properly? 4.19 Are unused C&D materials or chemicals recycled or reused to reduce the quantity of waste? 4.20 Are public fill and C&D waste reuse on site as far as practicable to avoid disposal off-site? 4.21 Are the construction materials stored properly to minimize the potential for damage or contamination? 4.22 Is a dumping license obtained to deliver public fill to public filling areas? 5.00 Landscape and Visual Are Is site hoarding provided? 5.02 Are vegetation disturbance minimized or soil protected to reduce potential soil erosion? 5.03 Is construction light oriented away from the sensitive receivers? 5.04 Is grass hydroseeding provided to slopes as soon as the completion of works?



Contract No.: 13/WSD/16 Mainlaying in Tseung Kwan O Photo/Remarks No 5.05 Are damages to trees outside site boundary due construction works avoided? Is excavation works carried out manually instead of machinery operation within 2.5m vicinity of any preserved trees? Are the retained and transplanted tree(s) properly protected and in good conditions? Are surgery works carried out for damaged trees? Ecology 6.00 Is site runoff properly treated to prevent any silly runoff? 6.01 6.02 Are silt trap installed and well-maintained? 6.03 Are stockpiles properly covered to avoid generating silty runoff? 6.04 Are construction works restricted to works area which are clearly defined? Is the EM&A properly implemented in general?



Contract no. 13/WSD/17 Design, Build and Operate First Stage of Tseung Kwan O Desalination Plant

| Observation 1) Chemical containers found near the power generators shall be stored properly or provide a drip troy of Pit W and Pit O 2). Reminders. 1) Trees protection shall be provided along the read of the Pit W and Pito The contractors are reminded to name the stock piles near the the trees to | Remark / Follow up of Observation(s) and Non-compliance(s) of Last Weekly Site Inspection: |
|--|--|
| Remindere. 1.) Trees protection shall be provided along the said of the Pit W and Pit O The contractions are reminded to nervoid damage. 2.) The escavetor in Pito shall be checked and mainteined to avoid any oil leadings. Signatures: ET Contractor's Representative Represe | Observation |
| 1) Trees protection shall be provided along the that of the Pit Wand Pito The contractors are reminded to nemore the stock piles near the the trees to avoid damage. 2) The escavetor in Pito shall be abelied and mainteined to avoid any oil leading. Signatures: ET Contractor's Representative Representati | end Pit O |
| 1) Trees protection shall be provided along the that of the Pit Wand Pito The contractors are reminded to nemore the stock piles near the the trees to avoid damage. 2) The escavetor in Pito shall be abelied and mainteined to avoid any oil leading. Signatures: ET Contractor's Representative Representati | J.). |
| 1) Trees protection shall be provided along the that of the Pit Wand Pito The contractors are reminded to nemore the stock piles near the the trees to avoid damage. 2) The escavetor in Pito shall be abelied and mainteined to avoid any oil leading. Signatures: ET Contractor's Representative Representati | Reminders. |
| Signatures: ET Representative | 1) I detie oboll be provided along the |
| 2) The escavelor in PHO skell he checked and mainteined to avoid any oil leagues. Signatures: ET Contractor's Supervising Officer's IEC's WSD's Representative Representative Representative | to remove the stock piles near the the trees to |
| Signatures: ET Contractor's Supervising Officer's IEC's WSD's Representative Representative Representative | 1) The econoctor in PHO shall be oberked and mainteined. |
| ET Contractor's Supervising Officer's IEC's WSD's Representative Representative Representative | to avoid any oil leaguese. |
| Representative Representative Representative Representative Representative | Signatures: |
| (Name: Name: | Supervising Officers TECS WSDS |
| (Name: Name:) (Name:) (Name:) (Name:) (Name:) (Name:) (Name:) | Ary. |
| | (Name: Name:) (Name:) (Name:) (Name:) (Name:) (Name:) (Name:) |