EROSION & SEDIMENT CONTROL NOTES

- 1. THE CONTRACTOR MUST COMPLY WITH THE MOST RECENT LOCAL REGULATORY AND TECHNICAL REQUIREMENTS. IF NOT SPECIFICALLY MENTIONED BELOW, DESIGN AND CONSTRUCTION SHALL COMPLY WITH THE MOST RECENT VERSION OF THE APPLICABLE STANDARD. - STORMWATER MANAGEMENT PLANNING AND DESIGN MANUAL, MARCH 2003, GOVERNMENT OF ONTARIO;
- EROSION AND SEDIMENT CONTROL GUIDELINE FOR URBAN CONSTRUCTION, DECEMBER 2006, GREATER GOLDEN HORSESHOE AREA CONSERVATION AUTHORITIES
- ENVIRONMENTAL GUIDE FOR EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION OF HIGHWAY PROJECTS, SEPTEMBER 2015. MINISTRY OF TRANSPORTATION, ONTARIO.
- 2. PRIOR TO THE COMMENCEMENT OF ANY CLEARING, GRUBBING, EXCAVATION, FILLING OR GRADING WORKS, THE CONTRACTOR SHALL INSTALL ALL TEMPORARY SEDIMENT CONTROL MEASURES (I.E. SILT FENCING, SILT TRAPS) WITHIN THE WORK ZONE. GENERAL REFERENCE IS DRAWN TO OPSS 805. CONSTRUCTION SPECIFICATION FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES WITH REGARD TO ACCEPTABLE MATERIALS, CONSTRUCTION AND SEDIMENT REMOVALS.
- 3. ALL WORK WITHIN ROAD ALLOWANCES SHALL CONFORM TO THE LATEST EDITION OF THE MUNICIPAL STANDARDS AND RELEVANT ONTARIO PROVINCIAL STANDARDS.
- 4. ALL REASONABLE EFFORTS SHALL BE MADE BY CONTRACTOR TO MITIGATE DRAINAGE IMPACTS, CONFLICTS DUE TO THE PROPOSED WORKS (TEMPORARY AND PERMANENT) OR SEDIMENT RELEASE TO ANY WATERCOURSE. THE CONTRACTOR SHALL UNDERTAKE ALL WORKS IN A MANNER TO COMPLY WITH ALL APPLICABLE LEGISLATION, IN GENERAL CONFORMANCE TO OPSS MUNI.182, GENERAL SPECIFICATION FOR ENVIRONMENTAL PROTECTION FOR CONSTRUCTION IN WATERBODIES AND ON WATERBODIES BANKS
- CONTRACTOR SHALL INSPECT SEDIMENT AND EROSION CONTROL MEASURES ON A WEEKLY BASIS AND ALSO BEFORE, DURING AND IMMEDIATELY FOLLOWING HEAVY RAINFALL EVENTS AND HEAVY SNOW MELT PERIODS. SEDIMENT FENCES AND BUFFER ZONES SHALL BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION AS DIRECTED BY THE ENVIRONMENTAL MONITORS AND ANY OTHER AUTHORITIES
- 6. WHEN SEDIMENT ACCUMULATES TO HALF THE HEIGHT OF BARRIER OR 0.3 METER, THEN SEDIMENT REMOVAL IS REQUIRED. THE SILT SHALL BE REMOVED FROM THE BARRIER OR A SECOND LINE OF BARRIER INSTALLED. IF SEDIMENT AND EROSION CONTROL MEASURES ARE NOT FUNCTIONING PROPERLY, NO FURTHER WORK IN THE AFFECTED AREAS WILL OCCUR UNTIL THE SEDIMENT
- AND/OR EROSION PROBLEM IS ADDRESSED 7. WHEN WORKING ADJACENT TO A WATERCOURSE, THE CONTRACTOR SHALL INSTALL SILT FENCING (IN ACCORDANCE TO OPSD 219.130) A MINIMUM OF 1-METER OFFSET FROM THE TOP OF THE BANK. TEMPORARY SEDIMENT TRAPS (IN ACCORDANCE WITH OPSD

219.240); REQUIRED DURING CONSTRUCTION PHASE; ARE NOT TO ENCROACH WITHIN 2 METERS OF THE TOP OF THE SLOPE.

- 8. SILT FENCES INSTALLED NEAR WATERCOURSES SHALL BE INSPECTED REGULARLY (AT LEAST TWICE PER WEEK). ANY DETERIORATION OR DAMAGE SHALL BE REPAIRED IMMEDIATELY, OR OPERATIONS CEASED UNTIL REPAIRS ARE COMPLETE. IF BARRIERS ARE REMOVED OR OPENED TO ALLOW EQUIPMENT TO PASS, THE BARRIER SHOULD BE REPLACED IMMEDIATELY
- 9. IF STANDING WATER REMAINS IN THE SEDIMENT BASIN/TRAP FOR 24 HOURS OR MORE AFTER A STORM, IT COULD INDICATE A BLOCKAGE IN THE ROCK CHECK DAM. CONTRACTOR SHALL VISUALLY INSPECT THE GRAVEL LINING FOR SIGNS OF EXCESSIVE SEDIMENT AND/OR TRASH BUILDUP. IF SURFACE SEDIMENT AND TRASH REMOVAL DOES NOT ALLEVIATE THE PROBLEM, THEN REPLACEMENT OF GRANULAR MATERIAL WILL BE REQUIRED.
- 10. WORK SHALL BE SUSPENDED IF EXCESSIVE FLOWS OF SEDIMENT DISCHARGE OCCUR. APPROPRIATE ACTION SHALL BE IMMEDIATELY TAKEN TO REDUCE SEDIMENT LOADING.
- 11. DISPOSAL OF THE SEDIMENT SHALL BE TO A CONTROLLED AREA AND THE DISPOSAL AREA SHALL BE STABILIZED (VEGETATED). THE AREA OF THE REMOVED SILT FENCE AND SEDIMENTS REMOVAL WOULD BE DRESSED, SEEDED AND MULCHED.
- 12. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE LEFT IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED.
- 13. WHERE VEGETATED BUFFER STRIPS OR GRASSED WATERWAYS ARE ENCOUNTERED, THE CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO PROTECT THESE AREAS FROM DISTURBANCE DURING CONSTRUCTION.
- 14. WHERE DITCH RE-GRADING IS REQUIRED, THE CONTRACTOR SHALL MINIMIZE THE TIME EXPOSURE OF UN-VEGETATED SOILS, LEAVING THE STEEP SLOPES UNDISTURBED AS MUCH AS POSSIBLE AND COMPLETING AN EROSION ASSESSMENT ON ALL NEW AND EXISTING DITCHES TO DETERMINE THE NEED FOR ADDITIONAL EROSION PROTECTION.
- 15. STREAM BANKS SHALL BE STABILIZED AND RESTORED TO THEIR PRE-CONSTRUCTION CONDITION AS SOON AS POSSIBLE AFTER CONSTRUCTION.
- 16. WHERE TOPOGRAPHIC FEATURES INDICATE THAT SURFACE DRAINAGE RUNS ACROSS AGRICULTURAL LANDS, THE TOPSOIL WINDROWS (BERMS) SHALL BE INTERRUPTED SO AS TO PERMIT A 20-METER-WIDE (TYPICAL) FLOW PATH ACROSS THE TURBINE ACCESS ROUTES. AT THE TERMINAL ENDS OF WINDROWS ADJACENT TO SUCH FLOW PATHS, SILT FENCING (IN ACCORDANCE WITH OPSD 219.130) SHALL BE INSTALLED TO MITIGATE TOPSOIL LOSS IN THE EVENT OF A MAJOR STORM EVENT.
- 17. SURFACE RUNOFF WITHIN THE BOUNDARIES OF THE SITE SHALL NOT NEGATIVELY IMPACT ANY DOWNSTREAM LAND OR
- 18. WHERE EXCAVATION DEWATERING IS NECESSARY, PUMP DISCHARGE SHALL BE DIRECTED TO STABLE VEGETATED AREAS OR DEDICATED SEDIMENT TRAPS WITHIN THE LIMIT OF BUILDABLE AREA SET BY THE REA (IN ACCORDANCE WITH OPSD 219.240) WITH THE OBJECTIVE OF INDUCING SHEET FLOW AND MITIGATION SURFACE EROSION OF SURROUNDING SOILS. PUMP AND FILTER BAG
- EQUIPMENTS SHALL BE MONITORED, REPAIRED AND REPLACED AS REQUIRED. 19. ANY STOCKPILED MATERIAL SHALL BE STORED AND STABILIZED WITHIN THE LIMIT OF BUILDABLE AREA/APPROVED WORK AREA AND AWAY FROM ANY WATERCOURSE. ALL MATERIALS AND EQUIPMENT USED FOR THE PURPOSE OF SITE PREPARATION AND CONSTRUCTION SHALL BE OPERATED AND STORED IN A MANNER THAT PREVENTS DELETERIOUS SUBSTANCES FROM ENTERING ANY WATERCOURSE.
- 20. TRAFFIC DURING CONSTRUCTION AND FOLLOW-UP ACTIVITIES SHALL BE LIMITED TO EXISTING AND DESIGNATED ROADWAY AND MUST NOT DETOUR THROUGH FIELDS OR NATURAL AREAS.
- 21. THE CONTRACTOR SHALL PROVIDE A SPILL PREVENTION AND CONTINGENCY PLAN FOR CONSTRUCTION AND OPERATIONAL PHASES OF THE PROJECT. ALL PERSONNEL SHALL BE TRAINED IN HOW TO APPLY PLANS. THE PLANS WILL BE CONTINUALLY REVIEWED DURING THE PROGRESS OF CONSTRUCTION TO STRENGTHEN THE PLAN'S EFFECTIVENESS AND ENSURE IMPROVEMENTS. SPILLS WILL BE IMMEDIATELY CONTAINED AND CLEANED UP IN ACCORDANCE WITH THE PROVINCIAL REGULATORY REQUIREMENTS AND THE CONTINGENCY PLAN. HYDROCARBON SPILL RESPONSE KIT WILL BE ON SITE AT ALL TIMES DURING WORK. SPILLS WILL BE REPORTED TO THE ONTARIO SPILLS ACTION CENTER AT 1-800-268-6060.
- 22. REFUELING OF EQUIPMENT, FUEL STORAGE OR ANY HAZARDOUS MATERIAL STORAGE SHALL BE CONDUCTED IN DESIGNATED AREAS
- MINIMUM 30M AWAY FROM ANY WATERCOURSE WITH SPILL PROTECTION PROVIDED. 23. CONCRETE WASHOUT WILL BE COLLECTED, CONTAINED AND DISPOSED OF OFFSITE AT AN APPROVED FACILITY SO THAT NO CAUSTIC MATERIAL REACHES THE SOIL SURFACE OR SUBSURFACE AND PREVENTS ANY IMPACTS ANY WATERCOURSES.
- 24. AVOID CONSTRUCTION DURING HIGH VOLUME RAIN EVENTS (20MM IN 24 HOURS) AND SIGNIFICANT SNOW MELTS/THAWS WHERE POSSIBLE AND RESUME ONCE SOILS HAVE STABILIZED TO AVOID RISK OF EROSION. SOIL COMPACTION OR THE POTENTIAL FOR SEDIMENT RELEASE INTO NEARBY WATERCOURSES.

└─ Isolated work area SECTION A-A A Schematic only. TEMPORARY WATER PASSAGE SYSTEM PUMPING AND PIPING OPSD - 221.020

SITE PREPARATION NOTES

- 25. AS PART OF TURBINE ACCESS ROUTE LAYOUT, THE CONTRACTOR SHALL COMPLETE A WALK THROUGH WITH THE LAND OWNER IN THE FIELD TO LOCATE TILE MAIN CROSSINGS, POTENTIAL OBSTRUCTIONS AND AREAS REQUIRING TILE DRAIN RELOCATION.
- 26. CLEARING AND GRUBBING (WHERE NECESSARY) SHALL BE UNDERTAKEN ONLY WITHIN THE BUILDABLE AREA SO AS TO MINIMIZE DISRUPTION OF AREAS OUTSIDE OF THE BUILDABLE LIMIT SET BY THE REA AND CONFORM WITH OPSS 201.
- 27. TOPSOIL STRIPPING AND STOCKPILING SHALL CONFORM TO OPSS.MUNI 206 AND OPSS 802. TOPSOIL STRIPPING SHALL BE DONE TO MINIMIZE IMPACTS ON ADJACENT PROPERTIES OR ROAD ALLOWANCES AND SHALL NOT BE MIXED WITH SUBSOIL OR OTHER MATERIALS. STOCKPILES SHALL NOT INTERFERE WITH ANY NATURAL DRAINAGE. STOCKPILED MATERIAL WILL NOT OCCUR WITHIN 30M OF A WATER BODY, AS REQUIRED BY THE WATER BODY ASSESSMENT.
- 28. TEMPORARY TOPSOIL BERMS SHALL GENERALLY BE CONSTRUCTED ON THE DOWNHILL SLOPE OF THE ACCESS ROUTE, OPPOSITE ANY ADJACENT PROPERTY BOUNDARY, WATERCOURSE OR OPEN DITCH. BERMS SHALL BE CONSTRUCTED TO NOT RELEASE ANY DRAINAGE RUNOFF FROM CONSTRUCTION ONTO DOWNSTREAM PROPERTIES. UNLESS ALL ENVIRONMENTAL MITIGATION MEASURES ARE
- 29. TOPSOIL BERMS ARE EXPECTED TO BE OF TYPICAL ±1.0 METER WITH 2H:1V SIDE SLOPES FOR THE DURATION OF CONSTRUCTION IN LOCALIZED AREAS, GREATER PILING TO A MAXIMUM HEIGHT OF 4 METERS MAY BE PERMITTED, PROVIDING SIDE SLOPES REMAIN
- 30. WHERE POSSIBLE WITHIN THE PROJECT DISTURBANCE LIMITS, EQUIPMENT SHALL NOT BE OPERATED, REPAIRED OR FUELED WITHIN THE DRIPLINE OF TREES, NOT DESIGNATED FOR REMOVAL, AS PER OPSS 801 REQUIREMENTS.
- 31. REMOVAL OF THE RUBBLE AND DEBRIS ENCOUNTERED WITHIN THE WORKING WIDTH SHALL BE UNDERTAKEN BY THE CONTRACTOR PRIOR TO WTG DELIVERY VEHICLES REACHING THE SITE. DISPOSAL OF SUCH MATERIAL AT AN APPROVED SITE SHALL BE IN
- ACCORDANCE WITH ALL MUNICIPAL BY-LAWS AND APPLICABLE LEGISLATION AND OPSS 180. 32. TEMPORARY CROSSINGS USING CRANE MATS ARE TO BE USED WHERE PRACTICAL DURING DRY OR LOW-FLOW CONDITIONS.
- 33. ALL TREES AND PLANTS WITHIN THE CONSTRUCTION ZONE THAT ARE NOT SCHEDULED FOR REMOVAL SHALL BE PROTECTED WITH A BARRIER FENCE, ERECTED BEYOND THE DRIPLINE PER OPSD 220.010 AND OPSS 801. REMOVAL OF TREES ONLY AS DIRECTED BY THE ENGINEER AND AGREED UPON WITH ASSOCIATED MUNICIPALITY OR LAND OWNER(S). TREES SCHEDULED TO BE REMOVED SHALL BE CLEARLY MARKED PRIOR TO THE START OF CONSTRUCTION.
- 34. IMPACT TO EXISTING TREES THAT ARE NOT REQUIRED TO BE REMOVED SHALL BE LIMITED TO PRUNING OF BRANCHES TO PERMIT PASSAGE OF EQUIPMENT IN ACCORDANCE WITH ACCEPTED ARBOR CULTURAL PRACTICES. IF PRUNING IS REQUIRED FOR PRIVATE TREES, CONTRACTOR SHALL GET PERMISSION FROM LANDOWNER.
- 35. ALL WORK AROUND SIGNIFICANT NATURAL HERITAGE FEATURES (SUCH AS WOODLAND AND WETLANDS) WILL OCCUR WITHIN APPROVED CONSTRUCTION DISTURBANCE AREA AND WILL ADHERE TO APPROVED SETBACK FOR EACH FEATURE.

SITE RESTORATION NOTES

- 36. REMOVAL OF TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE UNDERTAKEN AFTER EARTH MOVING AND SITE STABILIZATION OPERATIONS ARE COMPLETED WITHIN THE WORK ZONE.
- 37. RESTORATION WITHIN THE DRAINS REGULATION LIMIT SHALL BE IN ACCORDANCE WITH THE PERMIT DRAWINGS APPROVED BY CONSERVATION AUTHORITY AND MUNICIPALITY.
- 38. WHERE EXISTING DRAINAGE TILES ARE DAMAGED AS A RESULT OF CONSTRUCTION OR WTG DELIVERY WORKS, THE CONTRACTOR SHALL UNDERTAKE TO REPAIR/REPLACE EACH SECTION OF DAMAGED DRAIN INCLUDING ADEQUATELY COMPACTED BEDDING AS PER INDUSTRY STANDARD.
- 39. THROUGHOUT THE EXPOSED SUBGRADE AREAS OF THE WORKING AREA, THE CONTRACTOR SHALL SCARIFY ALL COMPACTED SUBSOILS WITH A CHISEL PLOUGH (OR EQUIVALENT) TO MITIGATE THE EFFECTS OF COMPACTION. THIS WORK SHALL BE COMPLETED PRIOR TO TOPSOIL DRESSING.
- 40. TOPSOIL LEVELING AND REMOVAL OF WINDROWS SHALL BE UNDERTAKEN AFTER COMPLETION OF WTG DELIVERIES AND ERECTION SO AS TO MINIMIZE THE DURATION OF SOIL EXPOSURE. TOPSOIL SHALL BE LEVELED AND SPREAD AROUND THE DISTURBED AREAS SO AS NOT TO REQUIRE NET EXPORT FROM THE SITE. PRE-CONSTRUCTION SURFACE DRAINAGE CONDITIONS TO BE RESTORED.
- 41. FOLLOWING CONSTRUCTION OF EACH WTG CLUSTER, THE CONTRACTOR SHALL REMOVE SUFFICIENT GRANULAR FROM THE CONSTRUCTION ACCESS ROAD TO MEET CONTRACT DEPTH AND WIDTH REQUIREMENTS. THESE AREAS WILL TYPICALLY INVOLVE CRANE PADS, TEMPORARY BENDS AND TURNS WHERE EXPANDED LARGER DELIVERY TURNING RADIUS IS REQUIRED. THESE AREAS ARE SHOWN AS TEMPORARY IN DRAWINGS. PERMANENT 5M ACCESS ROADS TO REMAIN AS IS AFTER CONSTRUCTION.
- 42. SEEDING OF NON-CULTIVATED LANDS, ROADSIDE DITCHES AND RIPARIAN ZONES (DISTURBED) SHALL BE COMPLETED USING CANADA#1 SEED MIXTURE INCLUDING SUCH SPECIES AS CREEPING RED FESCUE, PERENNIAL RYEGRASS, KENTUCKY BLUEGRASS AND WHITE CLOVER. TARGET APPLICATION RATES ARE RECOMMENDED AT 100KG/HA (SEED) AND 350 KG/HA (8-32-16 FERTILIZER). GENERAL REFERENCE IS DRAWN TO OPSS 804 OR AS SPECIFIED BY THE AUTHORITY HAVING JURISDICTION.
- 43. IF UNDERTAKEN AFTER SEPTEMBER 15, INCORPORATION OF WINTER WHEAT IN THE SEED MIXTURE IS RECOMMENDED IN CONJUNCTION WITH AN INSULATING DRESSING OF EROSION CONTROL BLANKET (\$150BY NORTH AMERICAN GREEN OR APPROVED EQUIVALENT) IN CRITICAL FLOW ROUTES AND ON THE BANKS OF WATERCOURSES/DITCHES. EROSION CONTROL BLANKETS SHALL BE INSTALLED WITH STAPLES APPROVED PER MANUFACTURER'S RECOMMENDATION.
- 44. UPON COMPLETION OF IN-WATER WORKS: ALL DISTURBED AREAS WITHIN RIPARIAN ZONE SHALL BE IMMEDIATELY RESTORED TO PRE—CONSTRUCTION CONDITIONS.
- REMOVE ACCUMULATED SEDIMENT AND EXCESS SPOILS FROM THE ISOLATED WORK AREA.
- RESTORE DISTURBED AREA WITH RESERVED NATIVE MATERIALS AND VEGETATION, INCLUDING IMPLEMENTATION OF EROSION AND SEDIMENT CONTROLS AS REQUIRED FOR STABILIZATION.
- REMOVE TEMPORARY COFFERDAMS AFTER RESTORATION IS COMPLETE, BEGINNING WITH THE DOWNSTREAM COFFERDAM, AND REINSTATE STREAMFLOW TO ENTIRE STREAM CROSS SECTION.
- MAINTAIN EFFECTIVE EROSION AND SEDIMENT CONTROL MEASURES AFTER RE-VEGETATIVE MEASURES HAVE GERMINATED AND TAKEN HOLD.
- 45. FOLLOWING CONSTRUCTION, EACH TEMPORARY CULVERT SHALL BE REMOVED, TEMPORARY CULVERTS ARE ONLY INSTALLED AT THE ACCESS ROAD ENTRANCES AND SPECIFIC PUBLIC INTERSECTIONS AS PER THE TRANSPORTATION PLAN. FOR TEMPORARY CULVERT REMOVAL, THE CONTRACTOR SHALL PERFORM TYPICAL EROSION AND SEDIMENT CONTROL MEASURE. THE CONTRACTOR SHALL PERFORM STREAM DIVERSION AS STATED IN THIS DRAWING OR THE MITIGATION MEASURES FOR THE PERMITTED MUNICIPAL DRAIN CROSSINGS. ONCE THE TEMPORARY CULVERT IS REMOVED, THE STREAM BANKS SHALL BE RESTORED TO THE PRE-CONSTRUCTION CONDITION AND PER THE DESIGN WITH RIP-RAP STONE.

WATER TAKING NOTES

- 46. FOR ALL DEWATERING USING A PUMP, OPSD 221.020 SHALL BE FOLLOWED, IF THE AMOUNT OF DISCHARGE EXCEEDS 50,000 LITRES PER DAY:
- THE INLET PUMP HEAD SHALL BE SURROUNDED WITH CLEAR STONE AND FILTER FABRIC:
- THE DISCHARGE MUST BE SAMPLED EACH DAY THAT WATER IS DISCHARGED AND ANALYZED FOR TOTAL SUSPENDED SOLIDS (TSS). IN THE EVENT THAT SAMPLING RESULTS SHOW THAT TSS IN THE DISCHARGE WATER EXCEEDS 25MG/L, THE CONTRACTOR SHALL IMPLEMENT APPROPRIATE MEASURES (SETTLING TANK OR GEOSOCK OR SIMILAR DEVICE) TO MITIGATE THESE IMPACTS,
- CONTRACTOR SHALL REGULATE THE DISCHARGE AT SUCH RATE THAN THERE IS NO FLOODING IN THE RECEIVING WATER BODY OR DISSIPATE THE DISCHARGE SO THAT NO SOIL EROSION IS CAUSED THAT IMPACTS THE RECEIVING WATERBODY.
- 47. FOR STREAM DIVERSION, IF THE AMOUNT OF DISCHARGE EXCEEDS 50,000 LITRES PER DAY AND DAM AND PUMP TECHNOLOGY IS USED:
- CONTRACTOR SHALL REGULATE THE DISCHARGE AT SUCH A RATE THAT THERE IS NO FLOODING IN THE DOWNSTREAM AREA AND NO SOIL EROSION OR STREAM OR STREAM CHANNEL SCOURING CAUSED AT THE POINT OF DISCHARGE. CONTRACTOR SHALL USE A DISCHARGE DIFFUSER OR OTHER ENERGY DISSIPATION DEVICE, IF NECESSARY, TO MITIGATE FLOWS WHICH PHYSICALLY ALTER THE STREAM CHANNELS OR BANKS, AND;
- SILTATION CONTROL MEASURES SHALL BE INSTALLED AT BOTH TAKING LOCATION UPSTREAM OF THE CONSTRUCTION SITE AND (IF NECESSARY) DISCHARGE SITE, AND SHALL BE SUFFICIENT FOR THE VOLUME PUMPED. THE CONTRACTOR SHALL TAKE ALL MEASURES TO PROPERLY MAINTAIN THESE CONTROL DEVICES THROUGHOUT THE CONSTRUCTION PERIOD.
- 48. FOR BOTH NOTE 46 AND 47:
- TURBIDITY TO BE MONITORED PRIOR TO DISCHARGE AND ONCE A WEEK THEREAFTER TO ENSURE THE QUALITY IS SUITABLE FOR DISCHARGE.











