

DUST CONTROL MEASURES:

A. PRE-GRADING PLANNING

1. THE SITE SERVICING FOR THE SITE SHALL BE SCHEDULED SUCH THAT THE OVERALL TIME THE AREAS ARE LEFT OPEN TO WIND THAT CREATE BLOWING DUST FROM THE EARTHWORK OPERATIONS IS MINIMIZED.
2. THE TOPSOIL STOCKPILE (IF APPLICABLE) SHALL BE STABILIZED WITHIN 30 DAYS OF STOCKPILING MATERIALS IN ACCORDANCE WITH CITY'S CRITERIA. ALL DISTURBED LANDS OUTSIDE THE PHASE OF WORK SHALL BE STABILIZED/VEGETATED.
3. THE CONTRACTOR SHALL APPLY WATER TO HAUL ROADS AND STOCKPILES (IF APPLICABLE) BY WAY OF WATER TRUCK.

B. WATERING (POST GRADING)

4. WITHIN AREAS WHERE EARTHWORKS AND OR UNDERGROUND MUNICIPAL SERVICING IS ON-GOING, WATER IS TO BE UTILIZED AT SUFFICIENT QUANTITY TO PREVENT VISIBLE EMISSIONS FROM EXTENDING MORE THAN 30m FROM THE POINT OF ORIGIN.

C. REDUCE VEHICLE SPEED

5. THE ON-SITE SPEED LIMIT FOR CONSTRUCTION VEHICLES SHALL BE MINIMIZED AND TO BE USED IN CONJUNCTION WITH WATERING TO PREVENT VISIBLE DUST EMISSIONS.

D. RESTRICT ACTIVITIES DURING HIGH WIND PERIODS

6. THE HIGH VISIBILITY OF CERTAIN WORKS AND THE CLOSE PROXIMITY AND POPULATION IMPACT SHOULD BE TAKEN INTO CONSIDERATION WHEN SCHEDULING DUST-PRODUCING WORK. APPROPRIATE DUST CONTROL MEASURES SHALL BE IN PLACE IN SUCH SITUATIONS.

E. ROAD CLEANING

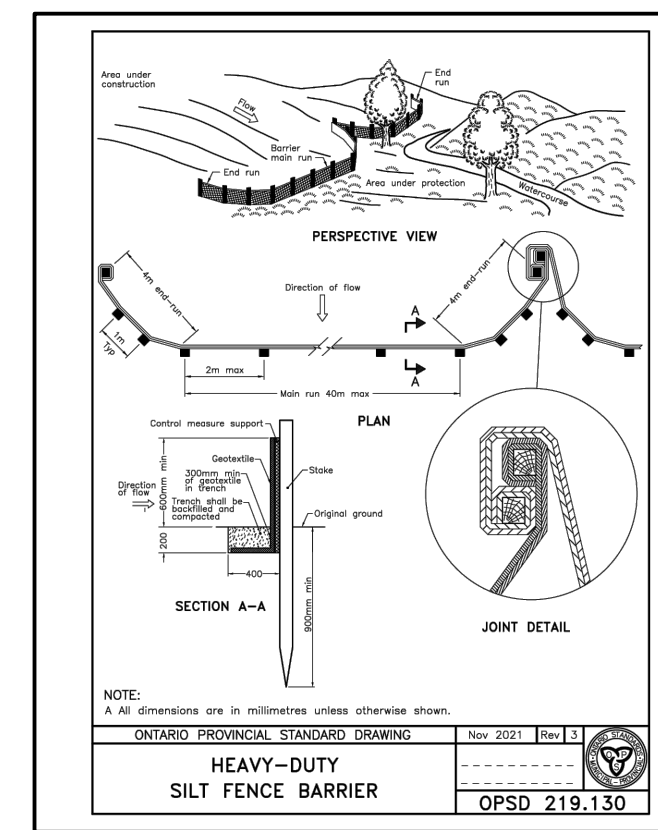
7. SPILLAGE, EROSION OR MATERIALS "TRACKED OUT" ON A ROAD TO BE CLEANED USING MECHANICAL STREET SWEEPERS OR FLUSHER TRUCK AT LEAST BY THE END OF THE WORK DAY. HOWEVER, IF SPILLAGE EXTENDS MORE THAN 15m ALONG A PAVED PUBLIC ROADWAY, IT MUST BE CLEANED UP IMMEDIATELY.
8. IMPORTING AND EXPORTING OF MATERIALS ON AND OFF-SITE WILL BE SHUT DOWN DURING AND FOLLOWING INCLEMENT WEATHER UNTIL THE ROAD SURFACES HAVE BEEN CLEANED.

SEDIMENT CONTROL NOTES:

1. THE EROSION AND SEDIMENT CONTROL STRATEGIES ON THE PLANS ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO PREVENT SEDIMENT RELEASES.
2. DISTURBED AREAS LEFT FOR 30 DAYS OR LONGER MUST BE STABILIZED WITH SEED APPLICATION AS DIRECTED BY THE ENGINEER.
3. INSPECTION OF THE PROPOSED EROSION AND SEDIMENT CONTROL MEASURES WILL OCCUR ON A WEEKLY BASIS AND AFTER MAJOR RAINFALL OR SNOW MELT EVENTS, AS FOLLOWS:
 - SILT FENCES MUST BE INSPECTED FOR RIPS OR TEARS, BROKEN STAKES, BLOW OUTS AND ACCUMULATIONS OF SEDIMENT. ACCUMULATED SEDIMENT MUST BE REMOVED FROM THE FENCE AT A DEPTH OF 300mm.
 - ROCK CHECK DAMS ARE TO BE CLEANED OF ALL ACCUMULATED SEDIMENT AS SOON AS SEDIMENT HAS A DEPTH OF 50% OF THE HEIGHT OF THE CHECK DAM.
 - ALL DAMAGED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED AND/OR REPLACED WITHIN 24 HOURS OF INSPECTION IF RECEPTORS ARE AT IMMINENT RISK OF ADVERSE IMPACT.
4. SITE ISOLATION MEASURES FOR CONTAINING STOCKPILED MATERIALS SHOULD BE IMPLEMENTED ON-SITE. PERIMETER ENVIRO FENCE IS TO BE INSTALLED AROUND ALL EXCESS MATERIAL STOCKPILES ON-SITE.

SEDIMENT CONTROL CONSTRUCTION SCHEDULE

1. INSTALL PERIMETER ENVIRO FENCE AND CONSTRUCTION VEHICLE ACCESS.
2. EXCAVATE PERIMETER SWALES AND SEDIMENT PONDS AS REQUIRED.
3. STRIP SITE OF TOPSOIL AND REMOVE OFF SITE OR STOCK PILE AND PROVIDE ENVIRO FENCE AROUND BOTTOM OF PILE.
4. INSTALL MINOR STORM SEWER SYSTEM ALONG WITH OTHER SERVICES.
5. INSTALL CATCHBASIN FILTRATION ON ALL CATCHBASINS AND CATCHBASIN.
6. SEDIMENT CONTROL MEASURES ARE TO BE MAINTAINED UNTIL ALL AREAS OF THE SITE HAVE BEEN STABILIZED WITH SOD OR ASPHALT.



TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION OBTAINED FROM TOPOGRAPHIC BASE PLAN OF 5868 COUNTY ROAD 65 MUNICIPALITY OF PORT HOPE BY IBW SURVEYORS DATED JULY 22, 2022

LEGEND

PERIMETER ENVIRO FENCE

DIRECTION OF OVERLAND FLOW

RIP RAP CHECKDAM

CONSTRUCTION VEHICLE ACCESS
10x6.0x0.50m OF 150mm# RIP RAP

NO.	DATE	REVISION	BY
5.	01 23/2025	REVISED AS PER UPDATED DRAFT PLAN	JG
4.	08 20/2024	ADDED 5.0m ROAD WIDENING	BA
3.	07 24/2024	REVISED AS PER 3RD SUB COMMENTS	CJ
2.	01 03/2024	REVISED AS PER UPDATED LOT LAYOUT	MH

REVISIONS

5868 COUNTY 65 ROAD, PORT HOPE

EROSION AND SEDIMENT CONTROL PLAN

D.G. BIDDLE & ASSOCIATES
CONSULTING ENGINEERS & PLANNERS

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SCALE: 1:1000

DRAWN BY: M.J.H.

DESIGN BY: M.J.H.

CHECKED BY: D.D.M.

DATE: JAN 2023

PROJECT NO. 122049

DRAWING NO. ES-1

PROFESSIONAL ENGINEER
Jan 29/25
M. J. HOLMES
100544854

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