

Construction Administrative Inspection Specification for Administration Of Aggregate Sources Including Earth Borrow And Rock Supply Sources And Highway Right-Of-Way Aggregate Production

1.0 SCOPE

This CAIS covers the construction administration and inspection requirements for aggregate sources including earth borrow and rock supply sources and highway right-of-way aggregate production as specified in SSP 199S38, November 2026.

2.0 REFERENCES

This CAIS refers to the following, standards, specifications, or publications:

Ontario Provincial Standard Specifications, Construction:

Special Provision No. 199S38 ADMINISTRATION OF AGGREGATE SOURCES
INCLUDING EARTH BORROW AND ROCK SUPPLY SOURCES AND HIGHWAY RIGHT-OF-
WAY AGGREGATE PRODUCTION

MTO Forms:

PH-CC-460 Aggregate Source List Release Form
PH-D-046 Pit and Quarry After Use Report
PH-CC-701 Request to Proceed
PH-CC-702 Notice to Proceed

3.0 Pit and Quarry Operations

Administrative Activities:

1	M	Check that earth borrow is not sourced from the Aggregate Source List (ASL) unless it is included in the contract package. If an ASL is part of the contract package, the following procedures must be followed.	-
2	M	Refer to Special Provision No. 199S38 for details on the administration of aggregate sources.	-
3	M	Forward the contractor's operations plan, as specified, to Regional Geotechnical Section for all of the aggregate sources the contractor intends to use. Check with Regional Geotechnical Section within 7 days for approval.	-
4	M	Check the submission on form PH-CC-460 (Aggregate Source List Release Form), within specified timeline, to release the ASL sources that the Contractor does not intend to use for the Contract; and forward a copy of the release form to the Regional Geotechnical Section as specified in the ASL.	-

5	M	For non-commercial sources where excavation has reached the limits of a sheer wall (vertical or near vertical rock face) and benches shown on the site plan, perform the following activities: • Receive MTO Form PH-CC-701, Request to Proceed along with an inspection report signed and sealed by Contractor's Qualified Person. • Forward the report to the Regional Geotechnical Section Aggregates Unit. • Notify the Contractor in writing of any stability concern identified by the Geotechnical Section. • Receive signed and sealed confirmation that the sheer wall has acceptable stability and that any required remedial measures have been completed. • Forward the confirmation to the Geotechnical Section Aggregates Unit. • Upon confirmation from the Geotechnical Section, issue MTO Form PH-CC-702, Notice to Proceed to the Contractor.	-
6	M	Check submission on form PH-D-046 (Pit and Quarry After Use Report) summarizing the total aggregate material tonnage removed from each aggregate source used on the contract, including commercial, non-commercial, Right of Way production, each year by December 31. Submit this form to CMS and the Regional Geotechnical Section.	-

Inspection Activities:

1	M	Verify that extraction is within the right-of-way and outside-source rock is used only for the Contract purposes.	25%
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3.1 Wayside Permit Application

Administrative Activities:

1	M	Check that wayside permit application is submitted to the Head, Regional Geotechnical Section, if applicable.	-
2	M	Before operation, verify that wayside permit has been issued and obtain the current site plan and conditions.	-

Inspection Activities:

1	M	Verify that the Contractor confirms the limits of the pit and/or quarry boundaries and setback in accordance with the approved site plan.	25%
2	M	Check that the borrow pit or quarry is worked to the approved line and grade and appropriate measurements are taken to support payment.	25%
3	M	Survey, for payment purposes, all original cross sections (after stripping) and final cross sections for the borrow pit or quarry (in bank volume).	25%
4	M	Check that stripping material does not contaminate the borrow.	25%

5	M	Check that the operation of the pit and/or quarry is carried out in accordance with the terms and conditions noted on Wayside Permit, site plan, Aggregate Sources List and the applicable aggregate extraction approval instrument. This is not required for sources within the ROW. Arrange Regional Geotechnical Aggregate Unit's inspection for acceptance. If the Contractor does not operate in accordance with the site plan and/or the site plan standards and operational requirements, notify the Contractor by Instruction Notice and notify the Contract Services Administrator immediately. Any amendments to the site plan must be approved by the Regional Geotechnical Section prior to any Work reflecting those changes taking place.	25%
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3.2 Aggregate Permit Application

Administrative Activities:

1	M	Check that aggregate permit application, or proposed deviation from the site plan or operational conditions of the already approved permits are submitted to the Head, Regional Geotechnical Section, if applicable.	-
2	M	Before operation, verify that aggregate permit has been issued and obtain the current site plan and conditions.	-
3	M	Before tree cutting, verify that the required Permit To Remove Forest Resources or Fuel Wood Permit has been obtained.	-

Inspection Activities:

1	M	Verify that the Contractor confirms the limits of the pit and/or quarry boundaries and setback in accordance with the approved site plan.	25%
2	M	Check that the borrow pit or quarry is worked to the approved line and grade and appropriate measurements are taken to support payment.	25%
3	M	Survey, for payment purposes, all original cross sections (after stripping) and final cross sections for the borrow pit or quarry (in bank volume).	25%
4	M	Check that stripping material does not contaminate the borrow.	25%

5	M	Check that the operation of the pit and/or quarry is carried out in accordance with the terms and conditions noted on Aggregate Permit, site plan, Aggregate Sources List and the applicable aggregate extraction approval instrument. This is not required for sources within the ROW. At the end of the extraction, notify Regional Geotechnical Section for inspection and acceptance. If the Contractor does not operate in accordance with the site plan and/or the site plan standards and operational requirements, notify the Contractor by Instruction Notice and notify the Contract Services Administrator immediately. Any amendments to the site plan must be approved by the Regional Geotechnical Section prior to any Work reflecting those changes taking place.	25%
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3.3 Letter of Approval Application

Administrative Activities:

1	M	Check that application on Letter of Approval for non-commercial pit and quarry sources on private land outside the areas designated by the ARA are submitted to the Head, Regional Geotechnical Section, if applicable.	-
2	M	If the borrow source is permitted under Letter of Approval, then verify that site plan is submitted to Head, Regional Geotechnical Section showing operational and rehabilitation plans. The operations plan shall include the area to be excavated and stripping limits. The rehabilitation plan shall include final rehabilitation of depleted areas of the extraction area or safe sloping of faces for non-depleted areas. If the borrow source is within the ROW, then no site plan submission is required.	-
3	M	For the site or area(s) of the site that is intended to remain open for future operations, obtain written direction from the Regional Geotechnical Section Head before accepting any area proposed to remain open. The Contractor shall not be required to place topsoil or seed in the areas.	-
4	M	Before operation, verify that Letter of Approval has been issued and obtain the current site plan and conditions.	-

Inspection Activities:

1	M	Verify that the Contractor confirms the limits of the pit and/or quarry boundaries and setback in accordance with the approved site plan.	25%
2	M	Check that the borrow pit or quarry is worked to the approved line and grade and appropriate measurements are taken to support payment.	25%
3	M	Survey, for payment purposes, all original cross sections (after stripping) and final cross sections for the borrow pit or quarry (in bank volume).	25%
4	M	Check that stripping material does not contaminate the borrow.	25%

5	M	Check that the operation of the pit and/or quarry is carried out in accordance with the terms and conditions noted on Aggregate Permit/Wayside Permit/Letter of Approval, site plan, Aggregate Sources List and the applicable aggregate extraction approval instrument. This is not required for sources within the ROW. At the end of the extraction, notify Regional Geotech Section for inspection and acceptance. If the Contractor does not operate in accordance with the site plan and/or the site plan standards and operational requirements, notify the Contractor by Instruction Notice and notify the Contract Services Administrator immediately. Any amendments to the site plan must be approved by the Regional Geotechnical Section prior to any Work reflecting those changes taking place.	25%
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4.0 Haul Road Maintenance and Repair

Inspection Activities:

1	M	Perform a documented joint pre-use inspection with the Contractor and municipal road official, applicable condition-rating method, where MTO will pay for haul road maintenance and repair prior to construction, and determine improvement strategy as needed.	-
2	M	Assess the condition of the haul road during hauling operations and administer the maintenance required to preserve the condition of the roadway surface.	-

5.0 Surplus Crushed Granular Materials

Administrative Activities:

1	M	Verify eligibility for compensation, excluded source/material categories, guaranteed-surplus calculation and cap.	-
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Inspection Activities:

1	M	Check that surplus crushed material is neatly piled and remains within the source.	25%
2	M	Check that the measurement of surplus quantity is by scales or by cross-section as applicable. Calculate compensation as specified.	25%
3	M	Check that if the crushed material is required to be relocated to suit permit and contract requirements, administer this as a change order.	25%
4	M	Check that if there are materials imported to an MTO Aggregate Permit source, the materials are handled as specified.	25%

WARRANT: Always with SSP199S38, ADMINISTRATION OF AGGREGATE SOURCES
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WAY AGGREGATE PRODUCTION