

MassDOT Aggregate Licensing Program – 2027 Applications Review Checklist

Application Number:					
Manufacturer Name:					
Quarry Name:					
Address:					
Coordinates:					
Aggregates type	☐ Manufactured Stone ☐ Manufactured Sand ☐ Natural Gravel ☐ Natural Sand				
Section	Item	Compliance	Reviewer Notes	Geologist Notes	Coordinator Notes
GSR Checklist					
Cover page					
19.06(1)(a)1	Name of geologist				
19.06(1)(a)2	Name of geologist certifying entity				
19.06(1)(a)3	Address of geologist/entity				
19.06(1)(b)1	Company name and Address				
19.06(1)(b)2	Name and Location of the site				
19.06(1)(b)3	MSHA ID				
19.06(1)(c)	Date Document Prepared				
19.06(1)(d)1	Test Methods Conducted				
19.06(1)(d)2	Summary of the findings				
19.06(1)(d)3	Statement about compliance with M.G.L. c. 6C, § 79, and 700 CMR 19.00				
GSR Content					
19.06(2)(a)1	Summary of the regional geology				
19.06(2)(a)2	Relevant References of previous geological work				
19.06(2)(a)3	Extent of which sulfide minerals are present in regional bedrock				
19.06(2)(a)4	Location Map to show regional context				
19.06(2)(a)4	Clear color photograph of the relevant surficial or bedrock geologic map that encompasses the site, including a map legend and short description of the mapped rock				
19.06(2)(b)1	Summary of the site geology				
19.06(2)(b)2	Report describing sample dates, location, size of area investigated				
19.06(2)(b)3	Detailed description of site geology, soil and rock descriptions and classifications, including where sand and gravel are being quarried or where rock was sourced for crushed rock				
19.06(2)(b)4	Geologic cross section of the site that shows stratigraphic relationships				
19.06(2)(b)5	Logs/documentation of subsurface explorations, rock cores, exposed quarry faces, or sampled material data, as applicable.				
19.06(2)(b)6	Figures of soil logs, rock cores, and material samples				
19.06(2)(b)7	Detailed site-specific geological description of source material				
19.06(2)(b)8	Detailed description of crushed stone geologic units covered in drilled cores, drill cuttings, or exposed quarry faces				
19.06(2)(b)9	Report of any sand and gravel operations' mode of deposition and glacial history				
19.06(2)(b)10	List of material aggregates that are being produced or processed from the site				
19.06(2)(b)11–12	Report of all material sample locations accurately located on an area map using WGS84 decimal degree formatting				
19.06(2)(b)13–14	Site/engineering geologic map(s) containing surficial and bedrock geology and recent topographic elevation data, prepared at a scale sufficient to adequately define the geologic conditions present.				
19.06(2)(b)15–17	Photos of the site, operations, pit walls/quarry faces, and panoramic views. Each photo caption shall identify the subject matter, date, approximate location (WGS84 coordinates or site-map reference), and orientation.				
19.06(2)(b)18	Detailed lithology of each rock type, including color and grain size; distinct lithologies cannot be lumped				
19.06(2)(b)19-20	For Manufactured Stone / Manufactured Sand: Core holes used to characterize quarried rock shall penetrate at least 5 ft below the proposed operating horizon and intersect all strata to be quarried, as applicable. Core orientation, depth/length, diameter, preservation, spacing, operational limits, additional coring, identification, and storage shall comply with 700 CMR 19.06(2)(b)20 and P-26-002. For Natural Gravel / Natural Sand: Representative field samples shall be obtained and sealed and shall meet the applicable geolocation, maximum-spacing, and analysis requirements of 700 CMR 19.06(2)(b)20.				
19.06(2)(c)	Testing results				
19.06(2)(d)	Report Limitations statement				
19.06(2)(e)	Declaration and Signature				
19.06(2)(f)	Qualifications of any geologist conducting sampling, testing, or examination or preparing the GSR				
Operations Plan Checklist					
Cover Page					
-	Company name and Address				
-	Name and Location of the site				
-	MSHA ID				
-	Date Document Prepared				
Operations Plan Content					
19.04(4)(a)	Aggregate quality control procedures				
19.04(4)(b)1	Extraction				
19.04(4)(b)2	Processing				
19.04(4)(b)3	Stockpiling				
19.04(4)(b)4	Blending				
19.04(4)(b)5	Sales / Delivery				
19.04(4)(b)6	Plant Flow Diagram				
19.04(4)(b)7	Current Contact Information				