



STANDARD SERVICES AND EQUIPMENT RENTALS

Effective January 1, 2026 – December 31, 2026 and are subject to change without notice.

HWA is accredited by the American Association of State Highway and Transportation Officials (AASHTO), participating in eight different performance assessment sample programs for soils, asphalt, and concrete through AMRL and CCRL. HWA is also accredited through the US Army Corps of Engineers (USACE).

Lab Code	Test Description	Minimum
		Turnaround (Business Days)**
SOILS & AGGREGATES		
1150	Shelby Tube Extrusion	5
1160	Moisture Content with Visual Description (D2216/D2488)	5
1162	Visual Soil Classification (D2488)	5
1171	Sieve Analysis, Wet, Small sample (D6913)	5
1172	Sieve Analysis/Grain Size, Wet, Bulk (C136)	5
1495	Percent Passing #200 Sieve (D1140)	5
1180	Hydrometer Analysis including Specific Gravity (D422)	10
1181	Combined Hydrometer Analysis (D6913/D7928)	10
1184	Oversize Fee - Sieve Analysis	N/A
1189	Proctor for Granular Soil-4 pt (D698/D1557)	5
1190	Proctor for Granular Soil-1 pt (D698/D1557)	5
1191	Proctor for Cohesive Soil (D698/D1557)	5
1200	Specific Gravity of Soil (D854)	5
1210	Specific Gravity, Fine Aggregate (C128)	5
1215	Specific Gravity, Coarse Aggregate (C127)	5
1217	Uncompacted Voids (C1252)	5
1220	Unit Weight in Ring (D7263)	5
1225	Unit Weight in Shelby Tubes (D7263)	5
1230	Unit Weight of Soil by Waxing (D7263)	5
1235	Unit Weight of Agg. by Rodding (C29)	5
1237	Porosity of Undisturbed Soil (D2216/D854/D7263)	5
1245	Atterberg Limits, Three Points (D4318)	5
1255	Unconfined Compressive Strength (D2166)	5
1260	Direct Shear, (3) Points - Intact (D3080)	5
1262	Direct Shear, (3) Points - Remolded (D3080)	10
1263	Direct Shear, (1) Point - Intact (D3080)	5
1264	Direct Shear- (1) point - Remolded (D3080)	5
1265	Strength Test -Triaxial (U-U) (D2850)	10
1270	Strength Test -Triaxial (C-U) 1 pt (D4767)	10
1274	Strength Test - Triaxial (C-U) 3 Samples, 3 pts (D4767)	20
1278	Strength Test - Triaxial (C-U) 1 Sample, 3 pt Multi-Stage (D4767)	20
1280	Consolidation - One-Dimensional (D2435)	10
1281	Consolidation - (w/Secondary Compression) (D2435)	20
1284	Consolidation - Extra Point, Per Point (D2435)	N/A
1290	One Dimensional Swell (D4546)	5
1300	(CBR) Calif. Bearing Ratio Granular Soil - 1 Point (D1883)	10
1302	(CBR) Calif. Bearing Ratio Granular Soil - 3 Points (D1883)	10
1618	(CBR) Calif. Bearing Ratio Cohesive Soil - 1 Point (D1883)	10
1619	(CBR) Calif. Bearing Ratio Cohesive Soil - 3 Points (D1883)	10
1310	Permeability - Falling Head (WSDOT 605)	5
1314	Permeability -Triaxial with Back Pressure 6" Dia. (D5084)	15
1315	Permeability - Triaxial with Back Pressure, Intact (D5084)	15
1317	Permeability - Triaxial with Back Pressure, Remolded (D5084)	15
1340	Organic Content Test (D2974)	5
1341	Soil pH Test (AASHTO T289)	5
1342	Soil Resistivity Test (AASHTO T288)	5
1343	Soil pH and Resistivity Test (AASHTO T288/T289)	5
1500	Clay Lumps & Friable Particles (C142)	5

LABOR WILL BE CHARGED IN ADDITION TO TEST UNIT PRICES*		
Lab Code	Test Description	Minimum Turnaround (Business Days)**
SOILS & AGGREGATES		
1520	LA Abrasion (C131, C535)	5
1540	Organic Impurities Test (C40)	5
1550	Sand Equivalent (D2419)	5
1560	Fracture Face Count (D5821)	5
1633	Soil-Cement Compressive Strength (D1633)	2
1561	Flat and Elongated (D4791)	5
CONCRETE & MORTAR		
	Concrete Cylinder Molds	N/A
1420	Cylinder Compression Test (C39)	Variable
1425	End Trimming	N/A
1440	Concrete Cylinders Sampled and Cure -Not Test	N/A
1450	Cylinder Density Tests (C39)	5
1452	Lightweight Concrete Cylinder Density Test	5
1454	Concrete Core Compression Test with Trim (C39/C42)	Variable
1460	Concrete Beam Flexural Strength Test (C78)	Variable
1469	Grout/Mortar Compression Tests (C109)	Variable
1475	Shotcrete Panel Testing/panel	Variable
HMA		
1600	Marshall Compaction, Volumetrics with Flow/Stability - 3 specimens (D6927)	N/A
1602	Marshall Compaction, Volumetrics - 1 specimen (D6926)	N/A
1603	Gyratory Compaction - 3 specimens (D6925)	N/A
1605	Marshall Compaction, Volumetrics - 3 specimens (D6926)	N/A
1609	Asphalt Core Density-uncoated	N/A
1610	Bitumen Content by Extraction & Gradation (D5444, D6307)	N/A
1611	Bitumen Extraction Only (D6307)	N/A
1612	Oven Correction Factor (3 pts)	N/A
1615	Rice Density (D2041)	N/A
1616	HMA Bulk Sp. Grav. SSD Method, Per Briquette (D2726)	N/A
1617	HMA Bulk Specific Gravity - Wax, Per Specimen (D1188)	N/A
SPECIAL SERVICES & EQUIPMENT RENTAL		
LABOR WILL BE CHARGED IN ADDITION TO EQUIPMENT CHARGES		
Equipment Description		
Falling Weight Deflectometer (per hour)		
Coring @ \$175, Per Core (12-inch)		
Coring @ \$85, Per Core (6-inch)		
Data Logger/Transducers/Piezometer		
Vibratory Wire Piezometer and Data Logger		
Geophysical Equipment Rental		
Dropweight Cone Penetrometer		
GPS Unit		
Water Level Indicator		
Brush Clearing Equipment		
Hand Auger Equipment		
Traffic Control Signs & Cones		
Nuclear Density Gauge		
Thin Lift Gauge		
Electrical Resistivity Meter (suitable for a-spacing up to 100 feet)		
Thermal Resistivity Probe		
Double Ring Infiltrometer		
Air Filters for Development		
Development Pump/Surge Block		
Carbon Filter		
Flow Monitoring Set		
Grundfos Redi Flow II Pump and Generator		
Inclinometer		
Infiltration/Falling Head Meters		
Level and Stadia Set		
Peristaltic Sampling Pump		
pH-Conductivity Temperature Meter		
Photoionization Detector (Mini Rae / HNU / Microtip)		
QED Bladder Pump Controller		

SPECIAL SERVICES & EQUIPMENT RENTAL LABOR WILL BE CHARGED IN ADDITION TO EQUIPMENT CHARGES	
Equipment Description	
Safety Equipment - Level D	
Safety Equipment - Level C	
Safety Equipment - Level B	
Safety Equipment - Level A	
Sensidyne Monitoring Equipment (does not include tubes)	
Sediment Coring or Soil Sampling Kit (does not include Shelby tubes)	
Turbidity Meter	

* Every test request requires a cost estimate from HWA. The test costs provided in this schedule of fees are for reference only. Additional charges for labor, project management, sample handling, and reporting may apply, depending on the project size, the type of test requested, and the project's complexity.

** Minimum test turnaround time is highly dependent on material type, testing parameters, and lab capacity. Minimum test turnaround times are estimates only. Test turnaround time is the amount of time required to perform the test once started. Test start times are dependent on available labor and equipment. Turnaround times are estimates only and do not guarantee test completion within the estimated testing timeframe.

- There is a 50% increase in fees per test for testing contaminated samples. Reporting of test results for contaminated samples will not be issued until Consultant picks up all remaining sample material from HWA's facilities. See more details below in the Contaminated Samples and/or Hazardous Materials section.
- There is a 50% increase in fees per test for Rush Testing. Rush Testing is accepted only on a case-by-case basis after consultation with the Lab Manager. Rush turnaround times are estimates only and do not guarantee test completion within the estimated rush testing timeframe.
- For HMA testing, only rush pricing is provided because all HMA testing is expedited on a rush basis. When HMA testing is requested, all other testing is secondary due to the
- The above fees are reviewed annually and are subject to change. Additional tests might be available upon request.
- Prices exclude field collection and transportation to the laboratory. Additional hourly personnel charges may apply.
- There is a 3:00 pm cut-off time for sample delivery.
- Turnaround times are based on samples delivered to the laboratory before 3:00 pm. Turnaround time on samples received after 3:00 pm will begin at 8:00 am the following
- Concrete compression breaks requested prior to the scheduled break date and/or prior to 8:00 am will be considered rush testing requests and billed a rush fee.
- Witness testing services will be billed at \$150.00 per hour for each individual witness and could incur increased turnaround times. Appointments for witness testing must be
- Samples requiring special handling or preparation, will be billed on an hourly basis to the project.
- We do not accept jobs that require 3rd party billing.
- Payment terms are net 30 days. Once an invoice ages beyond 90 days the client is put on C.O.D. until the account is brought current.
- Our payment policy may conflict with consultants who do not pay until they have been paid by their client. We pay our subs even if we have not been paid and expect the same courtesy.
- Samples Retention and Disposal - Non-hazardous, tested samples will be discarded 30 days after they are tested unless prior arrangements are made to deliver the samples. Any non-tested samples will be picked up by the Consultant at Consultant's expense within 30 days of submission of written report.

Contaminated Samples and/or Hazardous Materials

• Hazardous Materials. Notification. Prior to shipping any controlled substance or Hazardous Material to HWA, Consultant shall notify HWA of such materials including, without limitation, clearly identifying all hazardous characteristics by providing associated hazard documentation including a Material Data Safety Sheet for all substances known or suspected to contain Hazardous Material. HWA may, in its discretion, reject samples if they are not accompanied by adequate and acceptable documentation.

• Shipping of Hazardous Material - Consultant shall be responsible for properly packaging, labeling, and shipping all controlled substances and suspected Hazardous Material to Subcontractor. Consultant shall ensure that all shipments to HWA shall comply with all applicable federal, state, and local regulations, including U.S. DOT. HWA reserves the right to refuse samples which, in its sole judgment, may present a risk to health, safety, or the environment when handling, processing, or transporting, or if HWA is not authorized to accept them. Consultant shall promptly remove from HWA's facilities, at Consultant's expense, any and all samples for which HWA revokes acceptance.

• Return of Hazardous Material - Unless otherwise set forth in the applicable Price Quote/Task Order, any remaining sample material found or suspected to contain a controlled substance or Hazardous Material shall be returned to Consultant at Consultant's expense. Samples containing hazardous materials will be picked up by the Consultant at Consultant's expense within 30 days of completion of the testing. Consultant shall be solely responsible for the pickup and proper disposal of the remaining sample materials, controlled substance or Hazardous Material.

