

Preparation of SCS-ENG-356

(Numbered Instructions Match the Sample Enclosed)

1. Complete the box in the upper left hand corner except for the technical approval. The technical approval signature is from the State Conservation Engineer.
2. In the middle box, show the type of project assistance being provided for which the testing is being requested (EQIP, CTA-Conservation Technical Assistance, WRP, WF-08, etc.). Testing for county manure storage ordinance projects should be listed as CTA.
3. Indicate the number of undisturbed and the number of disturbed samples.
4. State the landowner's name and type of project.
5. State the county name and state.
6. Describe how the material being tested will be used.
7. The designer of the project must be filled in.
8. Send original to John R. Ramsden, SCE, Natural Resources Conservation Service, 8030 Excelsior Drive, Suite 200, Madison, WI 53717.
9. State the tests you need (include the ASTM test method number). A partial list of tests is shown following these instructions.
10. Add the note: "SCS-ENG-356 is being routed via the state office. Samples sent direct to SM lab."
11. Add a note stating the distribution desired for the test results. If nothing is stated, copies will go to the field office and technical center.

4-WI-66
REQUEST FOR SOIL MECHANICS SERVICES

<p style="text-align: center;">FOR USE OF ORIGINATING OFFICE</p> <p>FROM: <u>(1) D. Tech</u></p> <p style="text-align: center;"><u>101 First Street</u></p> <p style="text-align: center;"><u>Anytown, WI</u></p> <hr/> <p>TECHNICAL APPROVAL _____</p> <p>DATE _____</p>	<p style="text-align: center;">FOR USE OF ORIGINATING STATE OFFICE</p> <p>ORDER NO. _____</p> <p>APPROPRIATION & FIN. PROJ. <u>(2) CTA</u></p> <p>OBJECT CLASS _____ ACT. CODE _____</p> <p>LOCATION CODE _____</p> <p>EST. COST \$ _____</p> <p>ADMIM. APPROVAL _____</p>	<p style="text-align: center;">FOR USE OF TESTING FACILITY</p> <p>WORK ORDER NO. _____</p> <p>DATE SAMPLES RECEIVED _____</p>
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TO BE FILLED IN BY ORIGINATING OFFICE

1. NUMBER OF SAMPLES: UNDISTURBED _____ DISTURBED (3) 4
2. SITE OR PROJECT (4) Bill Brown, Waste Storage Pond
3. WATERSHED OR LOCATION (5) Any County, WI

4. DESCRIPTION OF PROJECT (PLANS, PROFILES, AND SITE INVESTIGATION REPORTS SUBMITTED): _____

		(Date)
A. EARTH DAM CONSTRUCTION: STRUCTURE CLASS _____		MAXIMUM HEIGHT OF DAM _____
ELEVATIONS: TOP OF DAM _____	PERMANENT POOL _____	EMERGENCY SPILLWAY _____
INVERT OF PRINCIPAL SPILLWAY OUTLET _____	UPSTREAM BERM _____	DOWNSTREAM BERM _____
WIDTH: UPSTREAM BERM _____	DOWNSTREAM BERM _____	FLOODWATER DETENTION TIME _____
PROPOSED SLOPES: UPSTREAM _____	DOWNSTREAM _____	CLASS OF COMPACTION _____
DRAINAGE AREA _____ (ACRES) (SQ. MI.)		

- B. OTHER PROJECTS (SPECIFY SOIL CEMENT STABILIZATION, POND SEALING, CHANNEL, ETC.)
(6) Waste storage pond lining

5. JOB TO BE DESIGNED BY (SPECIFY NRCS, STATE, CONSULTANT, OR OTHER) (7)
6. COPIES OF REPORT TO: (8) Original to: John R. Ramsden, SCE
USDA, Natural Resources Conservation Service
8030 Excelsior Drive,, Suite 200
Madison, WI 53717

7. REMARKS ON ANALYSES DESIRED: _____
- (9) Mechanical analysis and USCS classification ASTM D-422, D-2487
Atterberg limits ASTM D-4318
Standard compaction ASTM D-698
Permeability at 90% and 95% of maximum dry density ASTM D-5084
Resistivity Test using Soil Paste and Electrode Cup (Ag Handbook 60)
- (10) SCS-ENG-356 is being routed via the State Office. Samples sent directly to SM lab.

(11) SCE - please send copies to SC, NRCS Engineer (location) and DATCP Engineer (location).