

CECW-EG  Engineer Regulation 1110-1-5	Department of the Army U.S. Army Corps of Engineers Washington, DC 20314-1000	ER 1110-1-5  25 July 1984
	Engineering and Design  PLANT PEST QUARANTINED AREA AND FOREIGN SOIL SAMPLES	
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DAEN-ECE-G

Engineer Regulation  
No. 1110-1-5

25 July 1984

Engineering and Design  
PLANT PEST QUARANTINED AREAS  
AND FOREIGN SOIL SAMPLES

1. Purpose. The purpose of this regulation is to prescribe responsibilities and procedures for the removal of all service and construction equipment from areas quarantined because of serious plant pests, and the identification, shipping, storage, testing, and disposal of soils from areas quarantined because of serious plant pests and soils from foreign sources, U. S. territories and possessions, and Hawaii.
2. Applicability. This ER is applicable to all HQUSACE/OCE elements and field operating activities having responsibilities for construction, soil sampling, or soil testing.
3. General. A compliance agreement has been made by the Animal and Plant Health Inspection Service, U. S. Department of Agriculture and the Corps of Engineers regarding removal of service and construction equipment and also soil samples from areas which have been quarantined because of plant pests and soil samples from foreign sources. The purpose of this agreement is to grant permission to the Corps of Engineers to allow removal of equipment and soil samples from infected areas and to move soil samples from infected areas or foreign sources to laboratories for testing in a prescribed manner so that further infestation will not occur because of such removal of equipment or soil transfer. A copy of this agreement and a map of quarantined counties are attached as Appendix A.
4. Responsibilities. The provisions of this agreement will be fully observed by all Corps of Engineers personnel. All architect/engineering firms and contractors will be required to comply with this regulation by provision in their contracts where applicable.
5. Procedures. Service and construction equipment contaminated with soil shall be cleaned as prescribed in the above-mentioned agreement. The procedure for shipment, storage, testing, and disposal of soil samples from quarantined areas and foreign areas are presented in the agreement. Personnel responsible for obtaining and moving soil samples and for laboratory processing should contact state or Federal plant protection officials to discuss details of this agreement. Attachment IV to the agreement is a list of all Corps of Engineers laboratories which are authorized to receive soil

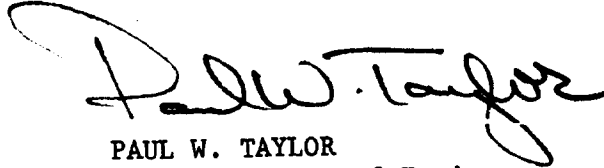
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This regulation supersedes ER 1110-1-5, dated 23 December 1974.

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samples from quarantined areas and shipments of foreign soil samples.  
Paragraph 7-670.4 of ER 1180-1-1 sets out instructions for implementing this  
agreement in connection with activities of contractors.

FOR THE COMMANDER:

A handwritten signature in black ink, appearing to read "Paul W. Taylor". The signature is written in a cursive style with a large initial "P" and a long, sweeping underline.

PAUL W. TAYLOR  
Colonel, Corps of Engineers  
Chief of Staff

1 Appendix  
APP A - Compliance Agreement

APPENDIX A  
COMPLIANCE AGREEMENT

1. NAME AND MAILING ADDRESS OF PERSON OR FIRM U. S. Army Corps of Engineers HQDA (DAEN-ECE-G) Washington, D. C. 20314	2. LOCATION Pulaski Building, Room 6135 20 Massachusetts Avenue, N. W. Washington, D. C.
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3. REGULATED ARTICLE(S)  
Soil Samples and Construction Equipment


4. APPLICABLE FEDERAL QUARANTINE(S) OR REGULATIONS  
7 CFR 301.85, 7 CFR 301.81, 7 CFR 301.80, and 7 CFR 330  
Golden Nematode, Imported Fire Ant and Witchweed

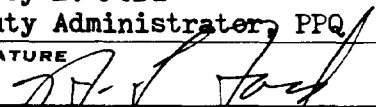
6. I/We agree to the following:  
That in authorizing and participating in these treatments as a basis for the certification of regulated articles, no liability shall be attached either to the United States Department of Agriculture, to cooperating agencies, or to any of their employees in the event of injury to the property or the regulated articles; to handle, process, and move regulated articles in accordance with the provisions of applicable plant quarantines; to use all permits and certificates in accordance with instructions; to maintain and offer for inspection such records as may be required; to carry out all additional conditions, treatments, precaution and sanitary measures which may be required by the inspector in the following stipulations:

See attachments for stipulations:

- Attachment I Handling Soil Samples
- Attachment II Cleaning of Soil-Moving Equipment
- Attachment III Map, "Soil Movement Regulations," including Plant Protection and Quarantine offices on reverse side
- Attachment IV List of U. S. Army Corps of Engineers Laboratories

This agreement supersedes a similar agreement dated June 27, 1974.

7. SIGNATURE 	8. TITLE John H. Sullivan Colonel, Corps of Engineers Executive Director Directorate of Engineering & Construction	9. DATE SIGNED 17 Feb 84
The affixing of the signatures below will validate this agreement which shall remain in effect until cancelled, but may be revised as necessary or revoked for noncompliance.		10. AGREEMENT NO.  11. DATE OF AGREEMENT

12. PPQ OFFICIAL (Name and Title) Harvey L. Ford Deputy Administrator, PPQ	13. ADDRESS USDA, APHIS, PPQ Room 302-E Administration Building Washington, D.C. 20250
14. SIGNATURE 	

15. STATE AGENCY OFFICIAL (Name and Title)	16. ADDRESS
17. SIGNATURE	

Attachment I

HANDLING SOIL SAMPLES

SOIL:

- A. Soil samples from the continental United States.
1. Soil samples collected in areas regulated by Federal and/or state cooperative domestic plant quarantines as shown on the map, "Soil Movement Regulations," are authorized to be shipped only to USDA-approved laboratories for processing, testing, or analysis. Approved laboratories are listed in PPQ 639 - "Laboratories Approved to Receive Soil, Plant Protection and Quarantine, Animal and Plant Health Inspection Service, United States Department of Agriculture" (U. S. Government Printing Office No. 381-227-814/2305).
  2. Certificates or permits are not required for shipment of soil samples collected in the continental United States.
  3. The exterior of each shipping carton should be plainly marked, "CONTENTS -- SOIL SAMPLES."
  4. Soil samples collected at a depth of 3 feet or more need not be treated at the laboratory if such samples are kept segregated.
- B. Soil samples from foreign sources, U. S. Territories and Possessions, and Hawaii.  
To authorize a laboratory to receive soil samples from such areas, a permit must be obtained from the Permit Unit, Plant Protection and Quarantine, Animal and Plant Health Inspection Service, USDA, Room 638, Federal Building, Hyattsville, Maryland 20782.
- C. Reshipment of soil samples.  
Soil samples may be reshipped only to other USDA-approved laboratories.
- D. Soil containers  
Soil samples must be shipped in sturdy leakproof containers to prevent spillage while in transit.
- E. Treatment of soil residues, soil containers, and effluent.
1. Soil residues, soil containers, and effluent from foreign sources, U. S. Territories and Possessions, and Hawaii, and regulated areas of the continental United States must be treated at the laboratory after the testing, processing, and analysis have been completed to prevent the spread of plant pests. Treatment is recommended of all soil residues, containers, and effluent regardless of where the samples are collected.
  2. Soil residues and containers must be treated with one of the schedules indicated below:

a. Heat:	<u>Temperature</u>	<u>Exposure Period</u>
	230 <sup>0</sup> -249 <sup>0</sup> F.	16 hours
	250 <sup>0</sup> -309 <sup>0</sup> F.	2 hours
	310 <sup>0</sup> -379 <sup>0</sup> F.	30 minutes
	380 <sup>0</sup> -429 <sup>0</sup> F.	4 minutes
	430 <sup>0</sup> -450 <sup>0</sup> F.	2 minutes

Do not start counting time until the entire mass reaches the required temperature, or

b. Steam heat: 15 pounds pressure for 30 minutes. Individual packages of 5 pounds or less or, if in trays, the soil residues should not exceed 2 inches in depth. Do not start counting time until pressure reaches 15 pounds.

c. Disposable type containers may be incinerated.

3. Water residues (effluent):

a. Boil the effluent for at least 1 minute.

b. Filter through a 100-mesh screen. The residues left in the filter should be burned.  
Effluent from foreign soil samples will not be filtered but will be handled as in 3a above.

F. Equipment and tools used to collect samples.

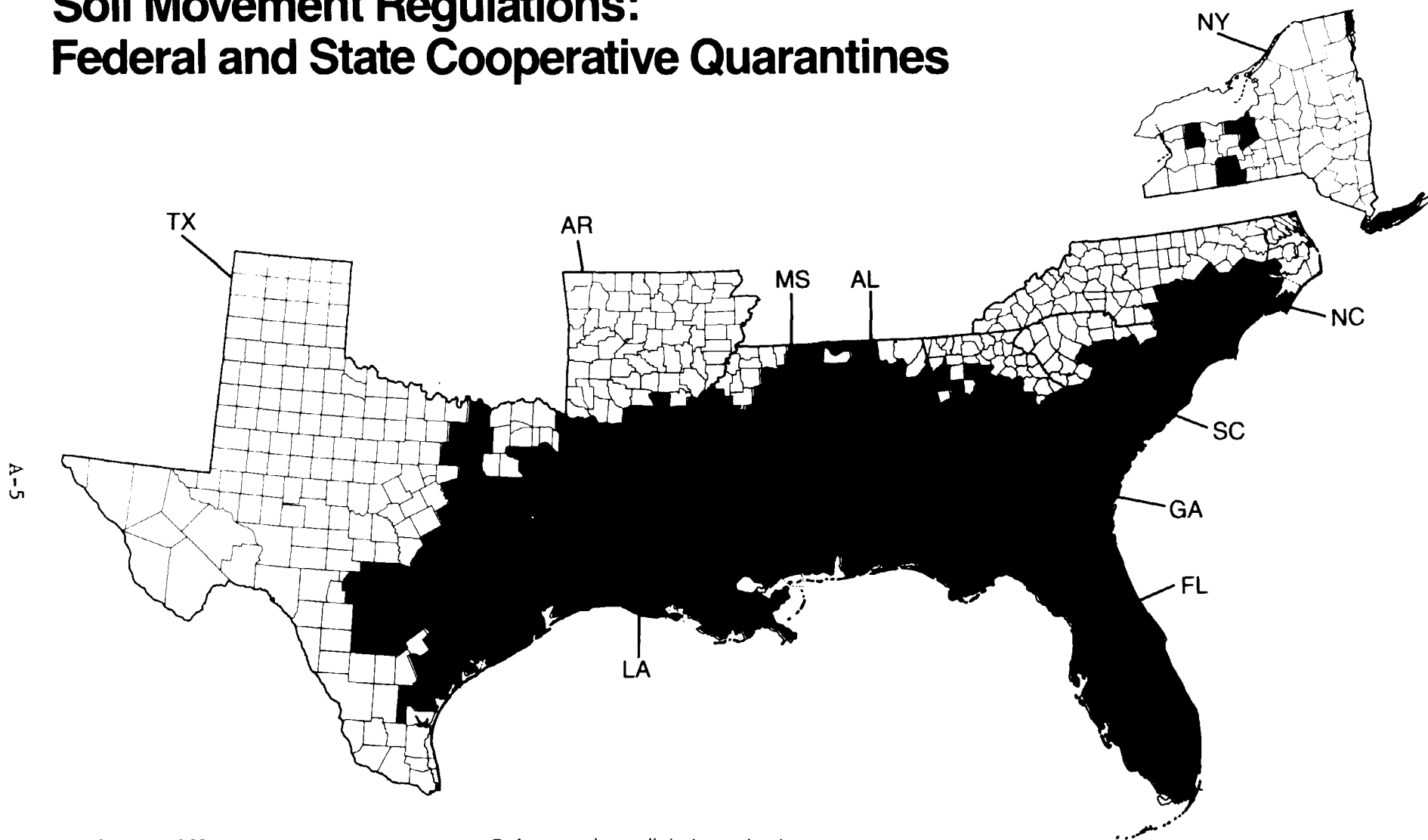
Equipment and handtools used to collect soil samples in areas regulated by Federal and/or state cooperative domestic plant quarantines will be thoroughly cleaned of all soil residues at the collection site.

Attachment II

CLEANING OF SOIL-MOVING EQUIPMENT

- A. Soil-moving equipment to be moved from countries regulated by Federal and/or state cooperative domestic plant quarantines must be cleaned of all residues at the work site.
- B. Contractors should be notified of quarantine requirements through the provisions of a clause to that effect in bid notifications and contracts.
- C. If further information is needed on the cleaning of soil-moving equipment, contact the closest Plant Protection and Quarantine office listed on the back of the map "Soil Movement Regulations" (see Attachment III for information and assistance).

# Soil Movement Regulations: Federal and State Cooperative Quarantines



A-5

ATTACHMENT III

## Conditions of Movement

Movement from red counties or regulated portions of red counties to any other area is regulated. Movement within red areas may be regulated.

Before moving soil, independently or attached to equipment, from any colored county, contact your State or Federal plant protection official or county agent to determine applicable regulations that apply to the specific movement.

See reverse side for list of offices to contact for further information.



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**PPQ Offices to Contact for Information**

**Alabama:** P.O. Box 508, Montgomery, AL 36101.  
(205) 832-7220, (FTS) 8-534-7220.

**Arizona:** 522 North Central Ave., Room 201,  
Phoenix, AZ 85004.  
(602) 261-3511, (FTS) 8-261-3511.

**Arkansas:** 5522 New Federal Office Building,  
700 West Capitol, Little Rock, AR 72201.  
(501) 378-5258, (FTS) 8-740-5258.

**California:** 83 Scripps Dr., 2nd Floor,  
Sacramento, CA. 95825.  
(916) 484-4867, (FTS) 8-468-4867.

**Colorado:** 7100 West 44th Ave., Suite 102,  
Wheat Ridge, CO 80033.  
(303) 837-5375, (FTS) 8-327-5375.

**Connecticut:** Same as Massachusetts.

**Delaware:** Same as Maryland.

**District of Columbia:** Same as Maryland.

**Florida:** 206 Avenue D, NW.,  
Winter Haven, FL 33880.  
(813) 294-3501, (FTS) Operator  
8-826-2893 and ask for 813, 294-3501.

**Georgia:** P.O. Drawer 4728, Macon, GA 31208.  
(912) 743-4121, (FTS) 8-238-0257.

**Idaho:** P.O. Box 67, Twin Falls, ID 83301.  
(208) 733-5119, (FTS) 8-554-6533.

**Illinois:** 1010 Jorie Blvd., Suite 38,  
Oak Brook, IL 60521.  
(FTS) 8-353-1830.

**Indiana:** Same as Illinois.

**Iowa:** Same as Missouri.

**Kansas:** U.S. Courthouse, 401 North Market,  
Room B-15, Wichita, KS 67202.  
(316) 269-6265, (FTS) 8-752-6265.

**Kentucky:** Same as Tennessee.

**Louisiana:** P.O. Box 3255,  
Baton Rouge, LA 70821.  
(504) 389-0201, EXT. 201, (FTS) 8-687-0201.

**Maine:** Same as New Hampshire.

**Maryland:** 515 Appraisers Stores Building,  
103 South Gay Street, Baltimore, MD 21202.  
(301) 962-4939, (FTS) 8-922-4938.

**Massachusetts:** Waltham Federal Center Building,  
424 Trapelo Road, Building 133S,  
Waltham, MA 02154.  
(617) 894-2400, Ext. 219, (FTS) 8-483-2314.

**Michigan:** P.O. Box 30017,  
Lansing, MI 48909.  
(517) 253-1097, (FTS) 8-374-1540.

**Minnesota:** 472 Federal Building, 110 South  
4th Street, Minneapolis, MN 55401.  
(612) 725-2815, (FTS) 8-725-2815.

**Mississippi:** Suite 1217 Federal Building, 100 West  
Capitol Street, Jackson, MS 39201.  
(601) 969-4304, (FTS) 8-490-4304.

**Missouri:** 915 Southwest Blvd., Suite K-2,  
Jefferson City, MO 65101.  
(314) 636-2912, (FTS) 8-276-5544.

**Montana:** A-5 Plaza Office Building, 1629 Ave. D,  
Billings, MT 59102.  
(406) 245-6711, (FTS) 8-585-6283.

**Nebraska:** 398 Federal Building, 100 Centennial  
Mall North, Lincoln, NE 68508.  
(402) 471-5253, (FTS) 8-541-5253.

**Nevada:** Same as California.

**New Hampshire:** Same as Massachusetts.

**New Jersey:** FH&A Building, CN330, Room 205,  
John Fitch Plaza, Trenton, NJ 08625.  
(609) 292-5569, (FTS) 8-340-3511.

**New Mexico:** 4025 Federal Building, 517 Gold  
Avenue, SW., Albuquerque, NM 87101.  
(505) 766-2918, (FTS) 8-474-2918.

**New York:** 80 Wolf Road, Suite 503, Albany,  
NY 12205. (518) 472-5728,  
(FTS) 8-562-5728 or -7779.

**North Carolina:** 318 Federal Building, 310 New  
Bern Avenue, Raleigh, NC 27601.  
(919) 755-4290, (FTS) 8-672-4290.

**North Dakota:** Same as Montana.

**Ohio:** Same as Michigan.

**Oklahoma:** Room 556, New Federal Building,  
200 NW., 5th Street, Oklahoma City, OK 73102.  
(405) 231-4369, (FTS) 8-736-4369.

**Oregon:** Same as Idaho.

**Pennsylvania:** 209 Academic Projects Building,  
University Park, PA 16802.  
(814) 865-6375, (FTS) 8-455-6375.

**Rhode Island:** Same as Massachusetts.

**South Carolina:** 1835 Assembly Street, Room 537,  
Columbia, SC 29201.  
(803) 765-5418, (FTS) 8-677-5418.

**South Dakota:** Same as Montana.

**Tennessee:** P.O. Box 303, Brentwood, TN 37027.  
(615) 251-7259, (FTS) 8-852-7259.

**Texas:** 702 Colorado Street, Room 215,  
Austin, TX 78701.  
(512) 397-5734, Ext. 7, (FTS) 8-734-5734.

**Utah:** Same as Colorado.

**Vermont:** Same as New Hampshire.

**Virginia:** P.O. Box 1276, Roanoke, VA 24006.  
(804) 343-6313, (FTS) 8-937-6211.

**Washington:** Same as Idaho.

**West Virginia:** Same as Virginia.

**Wisconsin:** Same as Minnesota.

**Wyoming:** Same as Montana.

Attachment IV

List of Corps of Engineers Laboratories Authorized to Receive Shipment of Soil  
Samples from Quarantined Areas

USAE WATERWAYS EXPERIMENT STATION\*  
Halls Ferry Road  
Vicksburg, MS 39180

USA COLD REGIONS RESEARCH LABORATORY\*  
Lyme Road  
Hanover, NH 03755

USA CONSTRUCTION ENGINEERING RESEARCH LABORATORY\*  
Interstate Research Park  
2902 Newmark Drive  
Champaign, IL 61820

USAE MISSOURI RIVER DIVISION LABORATORY  
420 South 18th Street  
Omaha, NB 68102

USAE NEW ENGLAND DIVISION LABORATORY  
424 Trapelo Road  
Waltham, MA 02254

USAE NORTH PACIFIC DIVISIONS MATERIALS LABORATORY  
Troutdale, OR 97060

USAE OHIO RIVER DIVISION LABORATORY  
5851 Mariemont Avenue  
Cincinnati, OH

USAE SOUTH ATLANTIC DIVISION LABORATORY\*  
611 South Cobb Drive  
P. O. Box 51  
Marietta, GA 30061

USAE SOUTH PACIFIC DIVISION LABORATORY\*  
P. O. Box 37  
Sausalito, CA 94965

USAE SOUTHWESTERN DIVISION LABORATORY  
4815 Cass Street  
Dallas, TX 75235

USAE DISTRICT LABORATORY  
B-314 Clifford Davis Federal Building  
Memphis, TN 38103

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USAE DISTRICT LABORATORY  
Foot of Prytania Street  
New Orleans, LA 70160

USAE DISTRICT LABORATORY  
210 Tucker Blvd. N.  
St. Louis, MO 63101

USAE DISTRICT LABORATORY  
USPO & Courthouse  
Vicksburg, MS 39180

USAE DISTRICT LABORATORY  
31 Hopkins Plaza  
Federal Building  
Baltimore, MD 21201

USAE DISTRICT LABORATORY  
819 Taylor Street  
Fort Worth, TX 76102

\* LABORATORIES AUTHORIZED TO RECEIVE SOIL SAMPLES FROM FOREIGN COUNTRIES,  
U. S. TERRITORIES AND POSSESSIONS, AND HAWAII.