

STATE OF OHIO (DAS)
CLASSIFICATION
SPECIFICATION

CLASSIFICATION SERIES:

Soils Resource

SERIES NO.:

8381

MAJOR AGENCIES:

Natural Resources

EFFECTIVE DATE:

02/18/2018

SERIES PURPOSE:

The purpose of the soils resource occupation is to perform soil studies & investigations.

At the full performance level, incumbents perform soil studies & investigations & collect & analyze soil samples.

CLASS TITLE:

Soils Resource Specialist

CLASS NUMBER:

83811

EFFECTIVE DATE:

03/26/1990

CLASS CONCEPT:

The full performance level class works under direction & requires considerable knowledge of agronomy/soil science in order to perform soil studies & investigations & collect & analyze soil samples.

CLASS TITLE: Soils Resource Specialist	CLASS NUMBER: 83811	BARGAINING UNIT: 13
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EFFECTIVE DATE:
03/26/1990

JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Performs detailed soil studies & investigations (e.g., collects soil samples; maps & classifies soils & land features; operates motorized drilling rig, inclinometer & field soil sampling equipment & tools; collects soil &/or water samples for laboratory analysis; develops soil interpretations based upon physical & chemical properties; reviews & evaluates strip mine applications, farmland restoration plans &/or resoiling plans for compliance with law & for technological completeness; monitors reclamation activities to ensure compliance with law & mining plan; investigates public complaints regarding interference & depletion of water supply).

Prepares & writes detailed soil descriptions &/or explanations (e.g., logs soil borings & prepares reports through use of soil data & other research data; interprets laboratory data & its application to non-agricultural & agricultural land uses; interprets results of mining & property surveys; oversees & assists in writing technical reports to record findings); assists non-soil scientists in understanding & applying soil & geotechnical data; consults with Natural Resources Conservation Service & other organizations regarding soil-related activities; meets with industry representatives to negotiate compliance schedules; meets with &/or contacts land owners & mine operators.

Assists in reviewing & drafting regulations; verifies crop yields; operates & maintains trucks; repairs & maintains equipment; attends conferences & training seminars; writes contract specifications for resoiling operations; writes reports regarding activities.

MAJOR WORKER CHARACTERISTICS:

Knowledge of agronomy/soil science; geology; agriculture; hydrology; natural resources; statistics; cartography/soil mapping*; mine reclamation operations*; federal & state laws governing mining & reclamation*. Skill in operation of soil drilling rig & other field soil sampling equipment*. Ability to understand technical field of study; define problems, collect data, establish facts & draw valid conclusions; write instructions or specifications technical in nature; gather, collate & classify soil data; demonstrate physical fitness.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

Completion of undergraduate core program in agronomy, agriculture, geology or related science field.

-Or equivalent of Minimum Class Qualifications For Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:

Not applicable.

UNUSUAL WORKING CONDITIONS:

May be exposed to unpleasant weather conditions, dirt, mud & loud noise from drilling rig; may require overnight travel.