

Soil Scientist, GS-470-07

REASON FOR THIS POSITION										POSITION DESCRIPTION COVER SHEET				
<input type="checkbox"/> 1. NEW	<input type="checkbox"/> 2. IDENTICAL ADDITION TO THE ESTABLISHED PD NUMBER	<input type="checkbox"/> 3. REPLACES PD NUMBER												
RECOMMENDED										5. PAY PLAN	6. SERIES	7. GRADE		
4. TITLE Soil Scientist										GS	0470	07		
8. WORKING TITLE (Optional)								9. INCUMBENT (Optional)						
OFFICIAL														
10. TITLE Soil Scientist														
11. PP	12. SERIES	13. FUNC	14. GRADE	15. DATE			16. I/A	17. CLASSIFIER						
GS	0470	51	07	MONTH	DAY	YEAR	<input type="checkbox"/> Yes <input type="checkbox"/> No	Kayla D. Ascher						
18. ORGANIZATIONAL STRUCTURE (Agency/Bureau)														
1st Natural Resources Conservation Service							5th							
2nd KS State Conservationists Off							6th							
3rd							7th							
4th							8th							
SUPERVISOR'S CERTIFICATION														
I certify that this is an accurate statement of the major duties and responsibilities of the position and its organizational relationship and that the position is necessary to carry out Government functions for which I am responsible. This certification is made with the knowledge that this information is to be used for statutory purposes relating to appointment and payment of public funds and that false or misleading statements may constitute violations of such statute or their implementing regulations.														
19. SUPERVISOR'S SIGNATURE							20. DATE			22. SECOND LEVEL SUPERVISOR'S SIGNATURE			23. DATE	
21. SUPERVISOR'S NAME AND TITLE							24. SECOND LEVEL SUPERVISOR'S NAME AND TITLE							
FACTOR EVALUATION SYSTEM														
FACTOR		25. FLD / BMK		26. POINTS		FACTOR		25. FLD / BMK		26. POINTS				
1. Knowledge Required						6. Personal Contacts								
2. Supervisory Controls						7. Purpose of Contacts								
3. Guidelines						8. Physical Demands								
4. Complexity						9. Work Environment								
5. Scope and Effect						27. TOTAL POINTS ▶				27. 0				
28. GRADE ▶										28.				
CLASSIFICATION CERTIFICATION														
I certify that this position has been classified as required by Title 5, US Code, in conformance with standards published by the OPM or, if no published standard applies directly, consistently with the most applicable published standards.														
29. SIGNATURE										30. DATE				
31. NAME AND TITLE Jane Medina, Human Resources Manager														
32. REMARKS This position is determined to be NONEXEMPT from the provisions of FLSA. Evaluation statement on file.										33. OPM CERTIFICATION NUMBER				

MASTER RECORD/INDIVIDUAL POSITION DATA

THIS SIDE TO BE COMPLETED BY THE CLASSIFIER

A. KEY DATA					
1. FUNCTION (1) A/C/D/W/R	2. DEPT. CD./AGCY-BUR-CD. (4) AG 16	3. SON (4) 5275	4. MR. NO. (8) 046476	5. GRADE (2) 07	6. IP NO. (8)

B. MASTER RECORD									
1. PAY PLAN (2) GS	2. OCC. SER. (4) 0470	3. OCC. FUNC. CD. (2) 51	4. OFF. TITLE CD. (5) 0001	5. OFF. TITLE (38) Soil Scntst					
6. HQ. FLD. CD. (1) 1 = HQ 2 = FLD 8	7. SUP. CD. (1) 1 = Sup. SGEG 3 = Mgr. SGEG 4 = Sup. CSRA	5 = Mgmt. CSRA 6 = Leader LGEG 8 = All Others	8. CLASS. STD. CD. (1) X X = New Std. Applied Blank = NA	9. INTERDIS. CD. (1) N = No Y = Interdis	10. DT. CLASS (8) MO DAY YEAR 05/15/04				
11. EARLY RET. CD. (1) 1 = Primary 2 = Secondary	3 = Foreign Svc. Blank = NA	12. INACT / ACT (1) I = Inactive A = Active	13. DT. ABOL. (6) MO DAY YEAR	14. DT. INACT / REACT (6) MO DAY YEAR	15. AGCY. USE (10)				
16. INTERDIS. SER. (40) (4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
17. INTERDIS. TITLE CD. (50) (5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)

C. INDIVIDUAL POSITION										
1. FLSA CD. (1) N E = Exempt N = Nonexempt	2. FIN. DIS. REQ. (1) 0Y 0 = None 1 = CD 219 2 = CD 220	3 = SF 278 4 = AD 392 5 = SF 849	3. POS. SCHED. (1) A = Sched A B = Sched B C = Sched C	0 = Excepted but not A, B, C	4. POS. SENS. (1) 1N 0 = Nonsensitive 1 = Noncritical 2 = Critical Sensitive	5. COMP. LEV. (4) 0470				
6. WK. TITLE CD. (4)	7. WK. TITLE (38)									
8. ORG. STR. CD. (18) 1st 2nd 3rd 4th 5th 6th 7th 8th								9. VAC. REV. CD. (1) 0 = Position Action No Vacancy A = No Change B = Lower Grade C = Higher Grade D = Different title and / or series E = New Position / New FTE		
10. TARGET GD. (2)	11. LANG. REQ. (2)	12. PROJ. DTY. IND. (1) Blank = N/A Y = Yes	13. DUTY STATION (9) State (2) City (4) County (3) 20	14. BUS. CD. (4) 7777	15. DT. LST. AUDIT (6) MO DAY YEAR	16. PAS. IND. (1) Blank = N/A 1 = PAS	17. DATE EST. (6) MO DAY YEAR			
18. GD. BASIS. IND. (1) 1 = Rev. when vacant 2 = Impact of Person 3 = Sup. / SGEG 4 = Sup. / Program 5 = RGEG 6 = Policy Analysis G E G 7 = Equipment Devel. Guide 8 = Agency Use 9 = Agency Use ALPHAS = Agency Use					19. DT. REQ. REC. (6) MO DAY YEAR	20. NTE. DT. (6) MO DAY YEAR	21. POS. ST. BUD (1) Y Y = Perm N = Other			
22. MAINT. REV. / CLASS. ACT. CD. (2) (1st Digit = Activity and 2nd Digit = Results)										
Normal Act 1 = Desk Audit 2 = Sup. Audit 3 = Paper Rev. 4 = PME / Activity Rev.			Maintenance Review Act 5 = Desk Audit 6 = Sup. Audit 7 = Paper Rev. 8 = Panel Rev.			Results 1 = No Action Req. 2 = Minor PD Change 3 = New PD Req. 4 = Title Change 5 = Series Change 6 = Pos. Upgrade 7 = Pos. Downgrade 8 = New Pos. 9 = Other				
23. DT. EMP. ASGN. (8) MO DAY YEAR	24. DT. ABOL. (8) MO DAY YEAR	25. INACT / ACT (1) 1 = Inact. 2 = Act.	26. DT. INACT / REACT (6) MO DAY YEAR 0020			27. ACCTG. STAT. (4)	28. INT. ASGN. SER. (4)	29. AGCY. USE (8)		
30. CLASSIFIER'S SIGNATURE					31. DATE					
32. REMARKS										

INTRODUCTION

This is an advanced developmental position. Assignments in soil survey and related activities are limited in difficulty and are selected to provide a range of working experience to develop proficiency.

DUTIES

Identifies, classifies, and surveys soils on the basis of field examination and determination of their characteristics. Surveying includes the delineation on aerial photographs of areas of soils in accordance with the descriptive legend for the soil survey area.

Takes field notes on soil series and mapping unit descriptions.

Prepares drafts of soil series and mapping unit descriptions.

Gathers supporting information for soil survey, e.g., soil samples, land use and crop data, and estimates of acreages of mapping units.

Performs other duties as assigned.

Works within a team concept to develop and implement ways to improve the efficiency, effectiveness, and quality of the products and/or services provided to internal and external customers.

Performs duties in a manner supportive of a safe and healthy work environment, and exercises safety precautions when exposed to dangerous objects, chemicals, extreme temperatures, etc.

Performs duties in a manner which actively supports civil rights policies regarding personnel rules and regulations and delivery of NRCS programs and services without regard to race, color, national origin, religion, sex, age, marital status, or mental or physical handicap.

To perform the above duties, the incumbent must serve as an incidental motor vehicle operator. This may require the operation of a motor vehicle on both public and private roads during daylight hours and occasionally after dark. A valid state driver's license is required.

EVALUATION FACTORS

1. Knowledge Required by the Job

Basic knowledge of soil science including soil classification and closely related sciences;
basic knowledge of soil survey operations;
working knowledge of soil survey procedures;
ability to prepare technical descriptions of individual pedons and of mapping units;
ability to compare, differentiate, and select from among

a number of alternatives;
ability to recognize photographic patterns and to relate these to the significant features of soils that influence their use and management; and
ability to ink soil boundaries and letter soil symbols in a neat and legible manner.

2. Supervisory Control

Work assignments are of a specific nature and closely reviewed while in progress. Instructions and technical guidance are provided by the supervisor or trainer.

3. Guidelines

Guidelines are available. Judgment is required in identifying, classifying, and delineating soils on aerial photographs and other phases of soil survey work.

4. Complexity

The work involves soil surveying and writing soil descriptions in soil survey areas where guides are well established.

5. Scope and Effect

The purpose of this developmental assignment is to provide the incumbent with advanced progressive experience through specific limited tasks that are designed to prepare the individual for more responsible duties.

Completed work supports the efforts and activities of the office to which assigned.

6. Personal Contacts

Contacts are with Service personnel, individual landowners and operators, and occasionally with the general public.

7. Purpose of Contacts

For developmental purposes; to receive information and guidance and to present soils data.

8. Physical Demands

The job requires traversing all types of terrain on foot, climbing fences, and the operation of hand and power tools to examine soils in place and to take soil samples. Much physical effort is required.

9. Work Environment

Conditions involve all types of topography, weather and related outdoor features and normal indoor work.

This position is determined to be nonexempt from the provisions of FLSA.