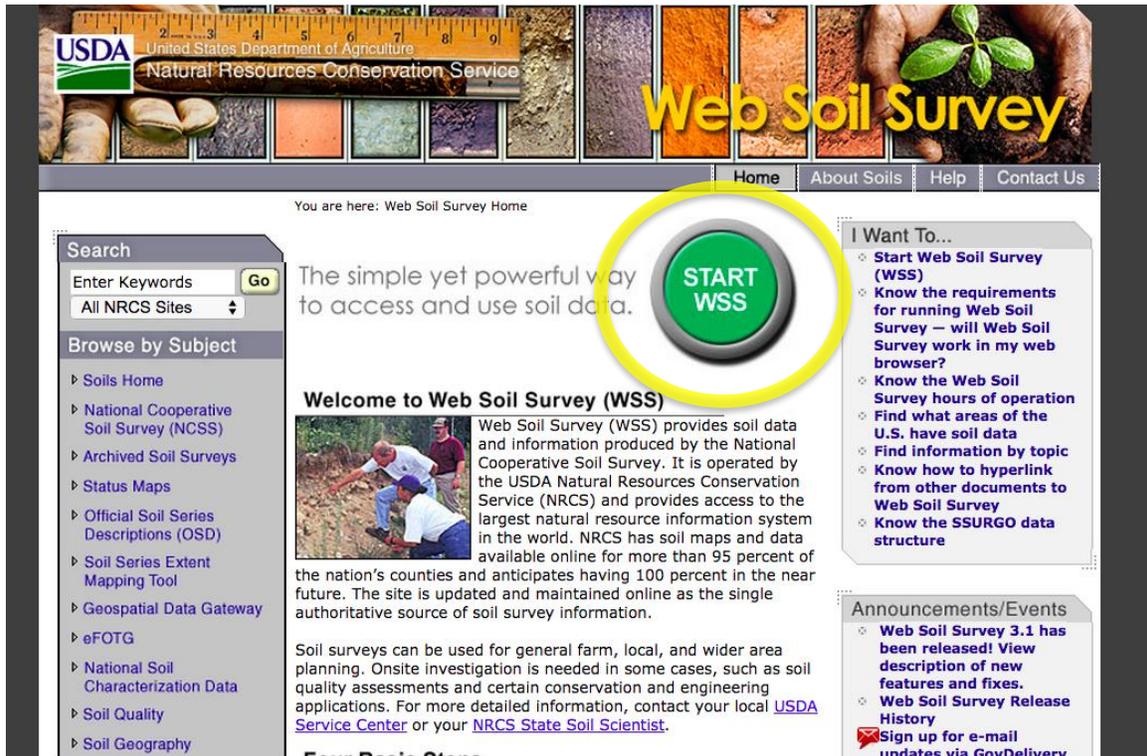
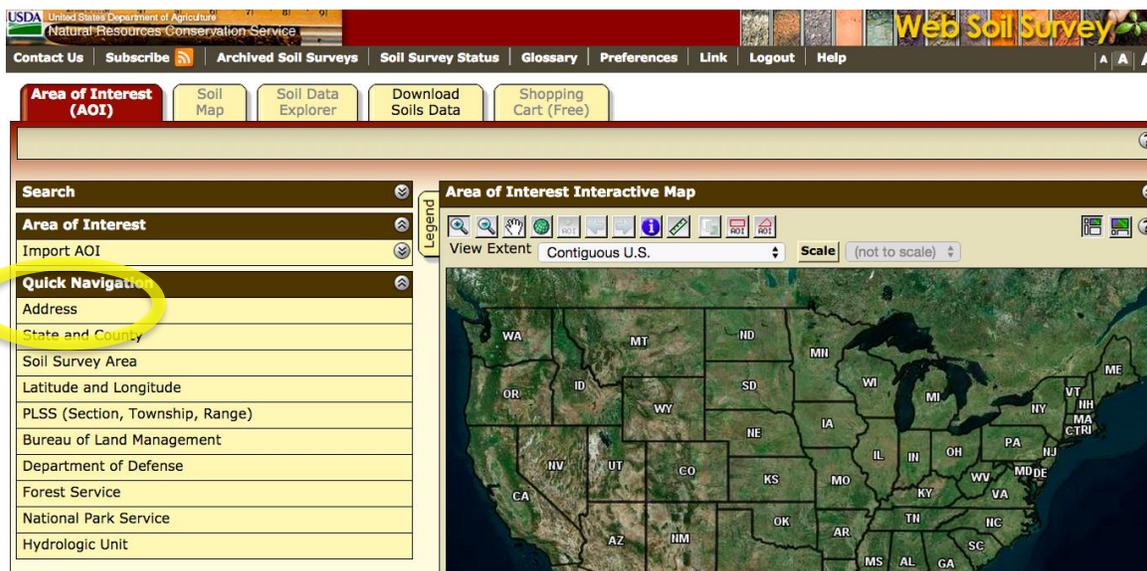


Steps on How to Make a Soils Map

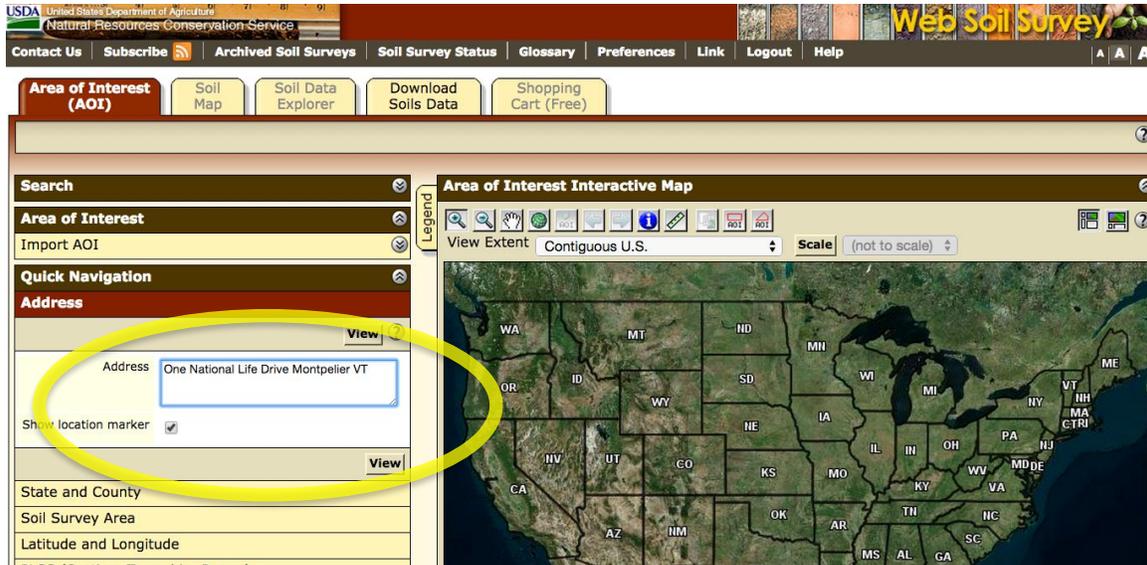
Step 1. Go to the Web Soil Survey [website](#). Click on Start WSS.



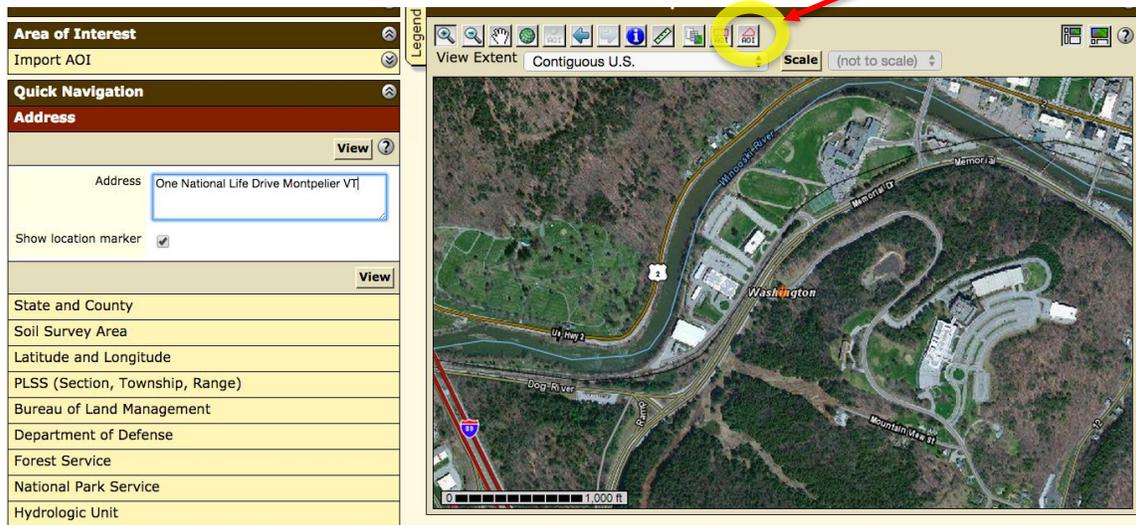
Step 2. Select Address on the left hand side of the page.



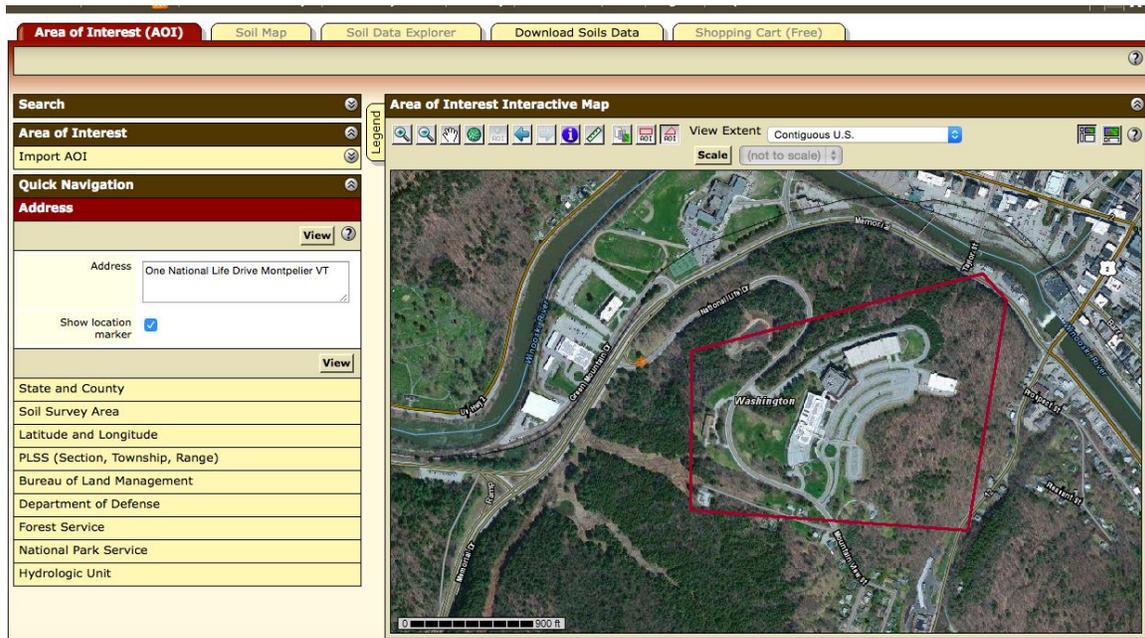
Step 3. Type in the project address and hit enter or select View.



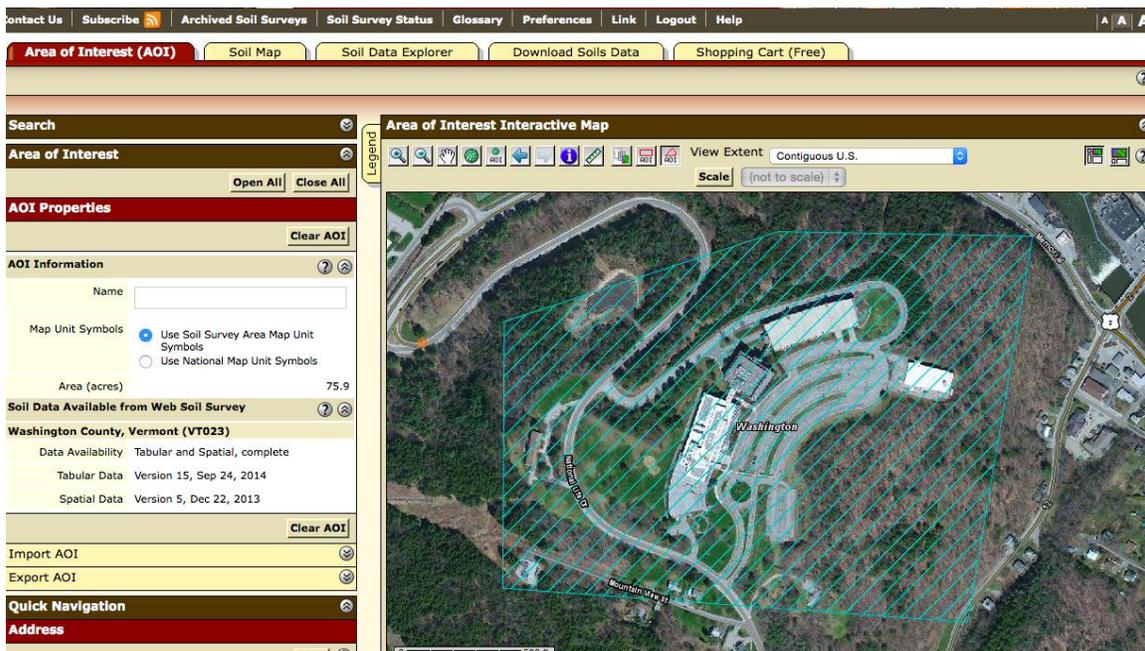
Step 4. The next page will show an aerial view that includes the Project Area. Select AOI as shown below to define the specific boundaries of the Project Area.



Step 5. Draw the AOI to define the Project Area. Begin drawing the AOI by clicking once in an area of the Project boundary, dropping points to define the perimeter.



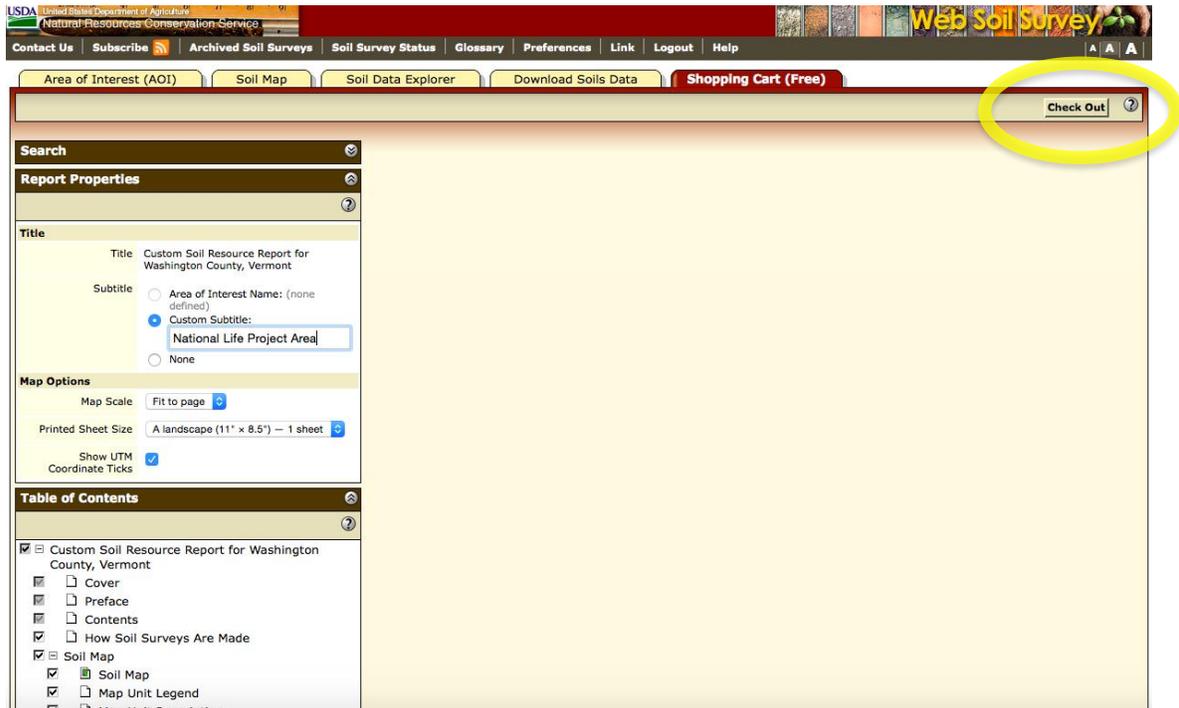
Step 6. Once complete, double click and the AOI will be created showing the following screen.



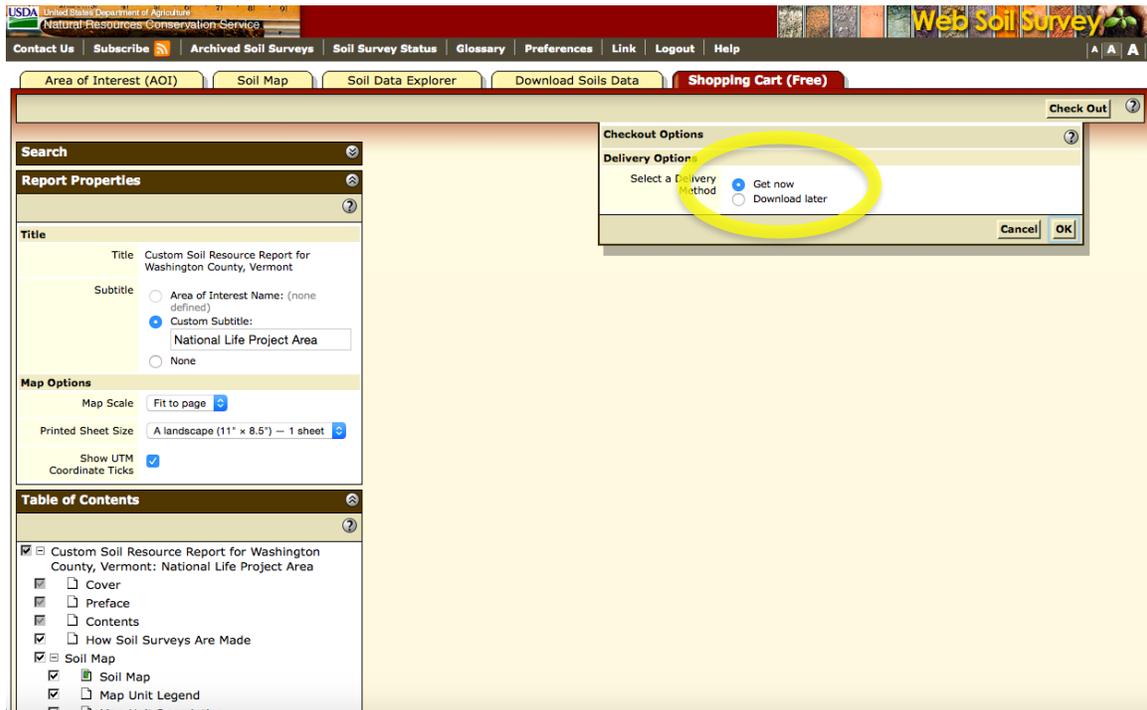
Step 7. Once the boundaries include the entire Project Area (it's important to not include land outside of the Project Area), move the cursor to Shopping Cart (Free) as indicated below.

The screenshot displays the Web Soil Survey web application interface. At the top, the navigation menu includes 'Contact Us', 'Subscribe', 'Archived Soil Surveys', 'Soil Survey Status', 'Glossary', 'Preferences', 'Link', 'Logout', and 'Help'. Below this, a secondary menu contains 'Area of Interest (AOI)', 'Soil Map', 'Soil Data Explorer', 'Download Soils Data', and 'Shopping Cart (Free)'. The 'Shopping Cart (Free)' button is highlighted with a yellow circle. The main content area is split into two panels. The left panel, titled 'Area of Interest', contains a search bar, 'Open All' and 'Close All' buttons, 'AOI Properties' section with a 'Clear AOI' button, 'AOI Information' section with a 'Name' input field and 'Map Unit Symbols' radio buttons (selected: 'Use Soil Survey Area Map Unit Symbols'), 'Area (acres)' 75.9, 'Soil Data Available from Web Soil Survey' section for 'Washington County, Vermont (VT023)', 'Data Availability' (Tabular and Spatial, complete), 'Tabular Data' (Version 15, Sep 24, 2014), 'Spatial Data' (Version 5, Dec 22, 2013), 'Clear AOI' button, 'Import AOI', and 'Export AOI' buttons. The right panel, titled 'Area of Interest Interactive Map', shows an aerial map of a residential area with a green grid overlay. The map includes a legend, 'View Extent' dropdown (set to 'Contiguous U.S.'), and a 'Scale' dropdown (set to 'not to scale'). A scale bar at the bottom left of the map indicates 500 feet.

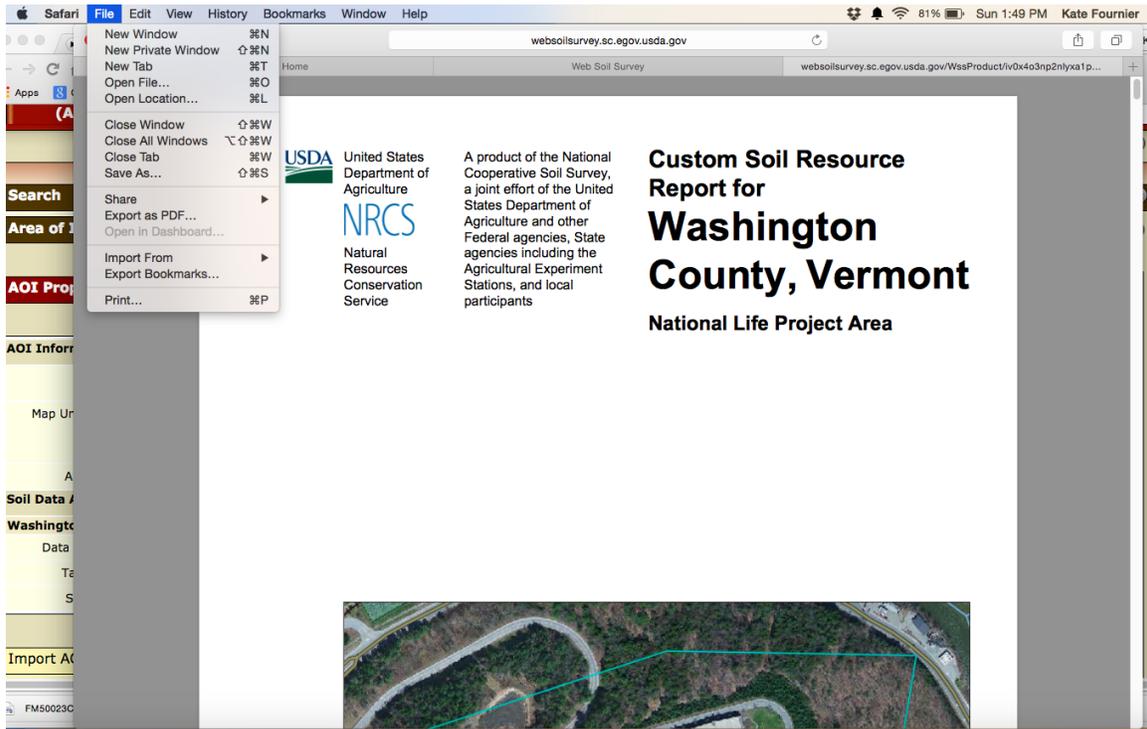
Step 8. Create a title for the Project. Once completed, move the cursor to the upper right hand side to select Check Out.



Step 9. After selecting Check Out, you'll be given two options. Get now or download later. Select Get now and hit ok.



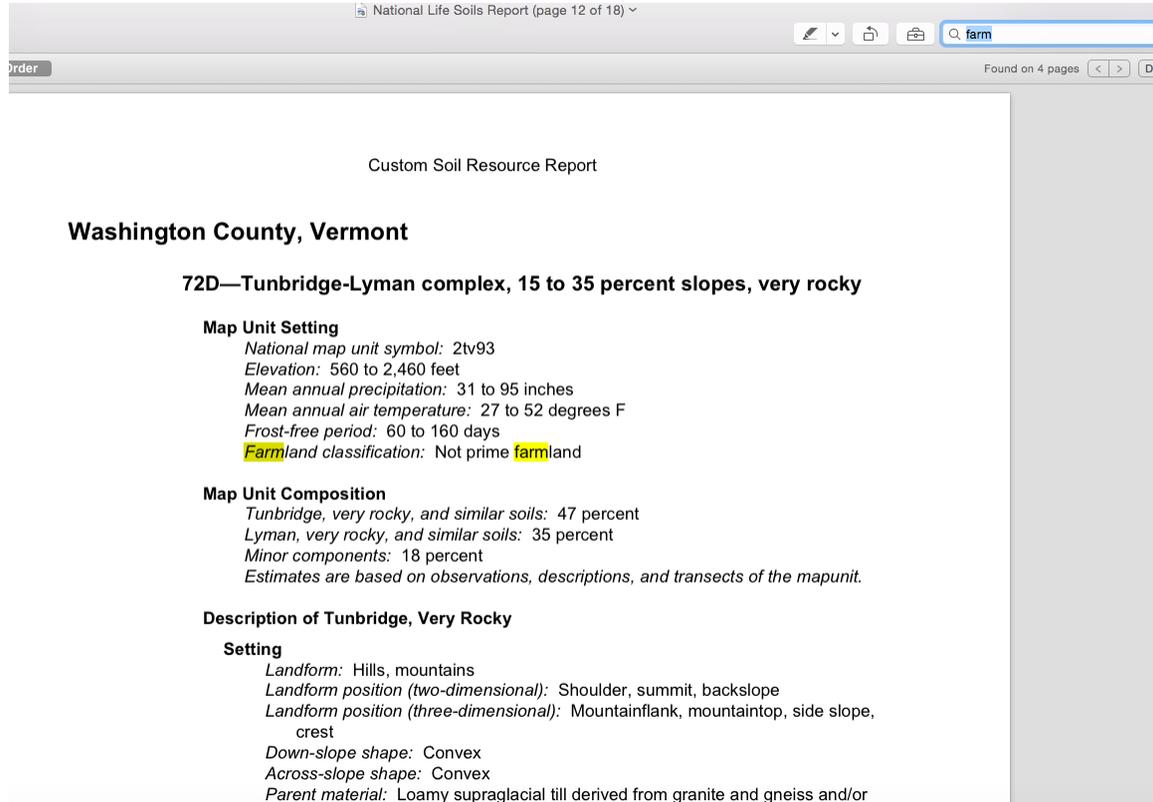
Step 10. Save the Soils Report as a pdf and upload it to the Supporting Documents page.



Step 11. Within the report, you'll see your Project Area and a code(s) on the aerial map. This tells you how many soil types are present within your Project Area. In this case, there are three soil types.



Step 12. Search within the Soils Resource Report to determine if there are any farmlands soils on the site. You can try to search within the pdf using the Find feature and the word “farm” to locate areas in the document where they discuss if the soils are considered farmland or not.



The screenshot shows a PDF viewer interface for a document titled "National Life Soils Report (page 12 of 18)". A search bar at the top right contains the word "farm", and a notification below it states "Found on 4 pages". The main content of the page is a "Custom Soil Resource Report" for "Washington County, Vermont". The report details a soil map unit: "72D—Tunbridge-Lyman complex, 15 to 35 percent slopes, very rocky". Under "Map Unit Setting", it lists characteristics such as elevation (560 to 2,460 feet), precipitation (31 to 95 inches), and temperature (27 to 52 degrees F). The "Farmland classification" is noted as "Not prime farmland". The "Map Unit Composition" section lists soil types: Tunbridge (47%), Lyman (35%), and minor components (18%). A "Description of Tunbridge, Very Rocky" section includes details on setting, landform, and parent material.

National Life Soils Report (page 12 of 18) Find farm

order Found on 4 pages

Custom Soil Resource Report

Washington County, Vermont

72D—Tunbridge-Lyman complex, 15 to 35 percent slopes, very rocky

Map Unit Setting
National map unit symbol: 2tv93
Elevation: 560 to 2,460 feet
Mean annual precipitation: 31 to 95 inches
Mean annual air temperature: 27 to 52 degrees F
Frost-free period: 60 to 160 days
Farmland classification: Not prime farmland

Map Unit Composition
Tunbridge, very rocky, and similar soils: 47 percent
Lyman, very rocky, and similar soils: 35 percent
Minor components: 18 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tunbridge, Very Rocky

Setting
Landform: Hills, mountains
Landform position (two-dimensional): Shoulder, summit, backslope
Landform position (three-dimensional): Mountainflank, mountaintop, side slope, crest
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Loamy supraglacial till derived from granite and gneiss and/or

Step 13. Discuss in the ER checklist whether or not farmland soils are present in the Project Area. Discuss if they will be permanently converted to non-farmland use.

Step 14. If the physical location of the Project Area is not in an existing urban or developed setting, you’ll need to complete a Farmland Conversion Impact Rating Form. There are two different versions of the form, depending upon the project activities. For both forms, the sections that you will complete are those labeled “To Be Completed by Federal Agency,” as highlighted below.

Step 15. If the project involves the construction a new septic system or waterline, complete the [CPA-106 Form](#) (fill in all sections that are labeled “To be completed by Federal Agency), Farmland Conversion Impact Rating for Corridor Type Projects, and submit it to [Thomas Villars](#) of the National Resource Conservation Service.

U.S. DEPARTMENT OF AGRICULTURE Natural Resources Conservation Service		NRCS-CPA-106 (Rev. 1-91)	
FARMLAND CONVERSION IMPACT RATING FOR CORRIDOR TYPE PROJECTS			
PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request	4. Sheet 1 of _____
1. Name of Project	5. Federal Agency Involved		
2. Type of Project	6. County and State		
PART II (To be completed by NRCS)		1. Date Request Received by NRCS	2. Person Completing Form
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form.)		YES <input type="checkbox"/> NO <input type="checkbox"/>	4. Acres Impacted Average Farm Size
5. Major Crop(s)	6. Farmable Land in Government Jurisdiction Acres: _____ %		7. Amount of Farmland As Defined in FPPA Acres: _____ %
8. Name Of Land Evaluation System Used	9. Name of Local Site Assessment System		10. Date Land Evaluation Returned by NRCS
PART III (To be completed by Federal Agency)		Alternative Corridor For Segment	
		Corridor A	Corridor B
		Corridor C	Corridor D
A. Total Acres To Be Converted Directly			
B. Total Acres To Be Converted Indirectly, Or To Receive Services			
C. Total Acres In Corridor			
PART IV (To be completed by NRCS) Land Evaluation Information			
A. Total Acres Prime And Unique Farmland			
B. Total Acres Statewide And Local Important Farmland			
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted			
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value			
PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)			
PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))		Maximum Points	
1. Area in Nonurban Use	15		
2. Perimeter in Nonurban Use	10		
3. Percent Of Corridor Being Farmed	20		
4. Protection Provided By State And Local Government	20		
5. Size of Present Farm Unit Compared To Average	10		
6. Creation Of Nonfarmable Farmland	25		
7. Availability Of Farm Support Services	5		
8. On-Farm Investments	20		
9. Effects Of Conversion On Farm Support Services	25		
10. Compatibility With Existing Agricultural Use	10		
TOTAL CORRIDOR ASSESSMENT POINTS	160	0	0
PART VII (To be completed by Federal Agency)			
Relative Value Of Farmland (From Part V)		100	0
Total Corridor Assessment (From Part VI above or a local site assessment)		160	0
TOTAL POINTS (Total of above 2 lines)		260	0
1. Corridor Selected:	2. Total Acres of Farmlands to be Converted by Project:	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>
5. Reason For Selection:			
Signature of Person Completing this Part:		DATE	
NOTE: Complete a form for each segment with more than one Alternate Corridor			

Step 14. For all project activities that result in permanently converting farmland to non-farmland that complete the [AD-1006 Form](#) (fill in all sections that are labeled “To be completed by Federal Agency”), and submit it to [Thomas Villars](#).

U.S. Department of Agriculture					
FARMLAND CONVERSION IMPACT RATING					
PART I (To be completed by Federal Agency)			Date Of Land Evaluation Request		
Name of Project			Federal Agency Involved		
Proposed Land Use			County and State county and state		
PART II (To be completed by NRCS)			Date Request Received By NRCS	Person Completing Form:	
Does the site contain Prime, Unique, Statewide or Local Important Farmland? <i>(If no, the FPPA does not apply - do not complete additional parts of this form)</i>			YES <input type="checkbox"/>	NO <input type="checkbox"/>	Average Farm Size
Major Crop(s)		Farmable Land In Govt. Jurisdiction Acres: %	Amount of Farmland As Defined in FPPA Acres: %		
Name of Land Evaluation System Used		Name of State or Local Site Assessment System	Date Land Evaluation Returned by NRCS		
PART III (To be completed by Federal Agency)			Alternative Site Rating		
			Site A	Site B	Site C
A. Total Acres To Be Converted Directly					
B. Total Acres To Be Converted Indirectly					
C. Total Acres In Site					
PART IV (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland					
B. Total Acres Statewide Important or Local Important Farmland					
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted					
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V (To be completed by NRCS) Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)					
PART VI (To be completed by Federal Agency) Site Assessment Criteria <i>(Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)</i>		Maximum Points	Site A	Site B	Site C
1. Area In Non-urban Use		(15)			
2. Perimeter In Non-urban Use		(10)			
3. Percent Of Site Being Farmed		(20)			
4. Protection Provided By State and Local Government		(20)			
5. Distance From Urban Built-up Area		(15)			
6. Distance To Urban Support Services		(15)			
7. Size Of Present Farm Unit Compared To Average		(10)			
8. Creation Of Non-farmable Farmland		(10)			
9. Availability Of Farm Support Services		(5)			
10. On-Farm Investments		(20)			
11. Effects Of Conversion On Farm Support Services		(10)			
12. Compatibility With Existing Agricultural Use		(10)			
TOTAL SITE ASSESSMENT POINTS		160	0	0	0
PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100	0	0	0
Total Site Assessment (From Part VI above or local site assessment)		160	0	0	0
TOTAL POINTS (Total of above 2 lines)		260	0	0	0
Site Selected:		Date Of Selection	Was A Local Site Assessment Used?		
			YES <input type="checkbox"/> NO <input type="checkbox"/>		
Reason For Selection:					
Name of Federal agency representative completing this form:					Date:
<i>(See Instructions on reverse side)</i>					Form AD-1006 (03-02)

Step 17. Once the completed Farmland Conversion Impact Rating Form is received back from Thomas Villars, determine if the total points is greater than or less than 160. If the total score is 160 or less, the Farmland Protection Policy Act does not apply, no further consideration for protection is required. If the score is 160 or higher, protection of the area should be considered and alternative project sites should be evaluated, and/or mitigation will be required.

U.S. Department of Agriculture							
FARMLAND CONVERSION IMPACT RATING							
PART I (To be completed by Federal Agency)			Date Of Land Evaluation Request				
Name of Project			Federal Agency Involved				
Proposed Land Use			County and State county and state				
PART II (To be completed by NRCS)			Date Request Received By NRCS		Person Completing Form:		
Does the site contain Prime, Unique, Statewide or Local Important Farmland? <i>(If no, the FPPA does not apply - do not complete additional parts of this form)</i>			YES <input type="checkbox"/>	NO <input type="checkbox"/>	Acres Irrigated	Average Farm Size	
Major Crop(s)	Farmable Land In Govt. Jurisdiction Acres: %		Amount of Farmland As Defined in FPPA Acres: %				
Name of Land Evaluation System Used	Name of State or Local Site Assessment System		Date Land Evaluation Returned by NRCS				
PART III (To be completed by Federal Agency)			Alternative Site Rating				
A. Total Acres To Be Converted Directly			Site A	Site B	Site C	Site D	
B. Total Acres To Be Converted Indirectly							
C. Total Acres In Site							
PART IV (To be completed by NRCS) Land Evaluation Information							
A. Total Acres Prime And Unique Farmland							
B. Total Acres Statewide Important or Local Important Farmland							
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted							
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value							
PART V (To be completed by NRCS) Land Evaluation Criterion							
Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)							
PART VI (To be completed by Federal Agency) Site Assessment Criteria <i>(Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)</i>			Maximum Points	Site A	Site B	Site C	Site D
1. Area In Non-urban Use			(15)				
2. Perimeter In Non-urban Use			(10)				
3. Percent Of Site Being Farmed			(20)				
4. Protection Provided By State and Local Government			(20)				
5. Distance From Urban Built-up Area			(15)				
6. Distance To Urban Support Services			(15)				
7. Size Of Present Farm Unit Compared To Average			(10)				
8. Creation Of Non-farmable Farmland			(10)				
9. Availability Of Farm Support Services			(5)				
10. On-Farm Investments			(20)				
11. Effects Of Conversion On Farm Support Services			(10)				
12. Compatibility With Existing Agricultural Use			(10)				
TOTAL SITE ASSESSMENT POINTS			160	0	0	0	0
PART VII (To be completed by Federal Agency)							
Relative Value Of Farmland (From Part V)			100	0	0	0	0
Total Site Assessment (From Part VI above or local site assessment)			160	0	0	0	0
TOTAL POINTS (Total of above 2 lines)			260	0	0	0	0
Site Selected:	Date Of Selection	Was A Local Site Assessment Used?					
		YES <input type="checkbox"/> NO <input type="checkbox"/>					
Reason For Selection:							
Name of Federal agency representative completing this form:						Date:	

(See Instructions on reverse side)

Form AD-1006 (03-02)