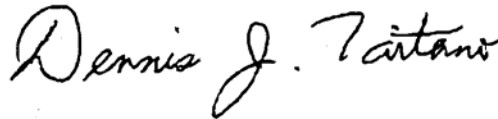


For: State and County Offices

Transferring ArcSDE Common Land Unit (CLU) Geospatial Data Between County Offices

Approved by: Acting Deputy Administrator, Management



1 Overview

A Background

When County Offices move, it is essential that an efficient and cost effective method be employed for migrating geodatabases from 1 office to another.

3-CM provides that all records shall be moved from the closing County Office to the newly designated administrative County Office. As such, CLU and other necessary geospatial data and layers stored in ArcSDE/MSSQL must be migrated to the newly designated administrative County Office, along with the other necessary files and records from the closing County Office.

The current process requires that a Service Center employee export the entire CLU data layer, CRP table, and wetlands shapefile to the new administrative County Office. That office then performs a dataload that prompts the employee to create a new annotation layer that is time consuming.

The procedure in this notice is to be performed by the State Office GIS personnel **only** and has been tested for:

- full and accurate geodatabase migration, including annotation features
- efficient administrative procedures.

B Purpose

This notice provides State and County Offices with procedure for transferring ArcSDE CLU and other necessary geospatial data layers from the closing (transferring) County Office to the new State Office designated administrative (receiving) County Office.

Disposal Date	Distribution
October 1, 2008	State Offices; State Offices relay to County Offices

Notice IRM-397

1 Overview (Continued)

C Contact

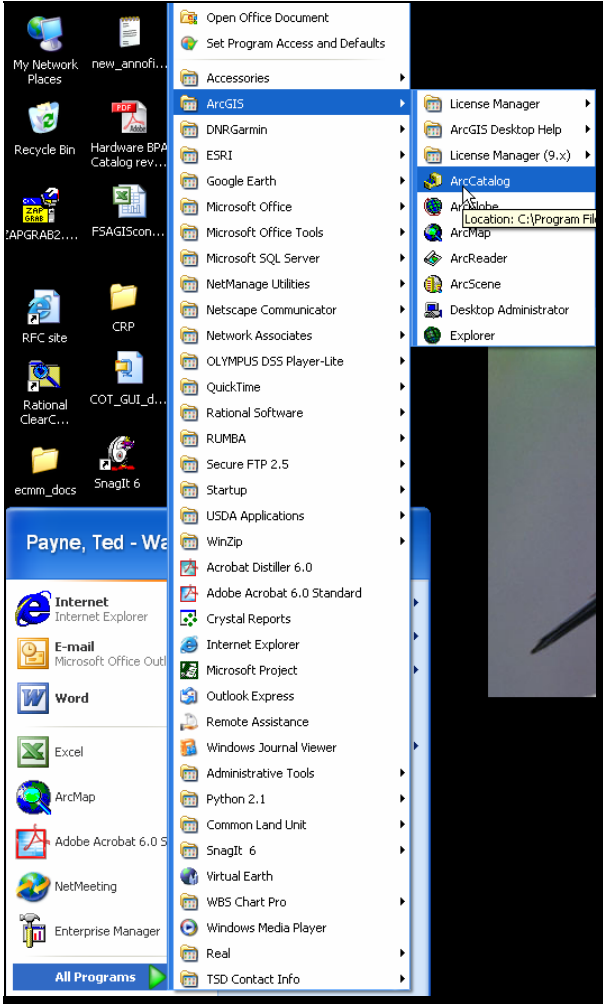
Questions about this notice should be directed to Ted Payne by either of the following:

- e-mail at ted.payne@wdc.usda.gov
- telephone at 202-720-2187.

2 Procedure for Transferring ArcSDE CLU Geospatial Data

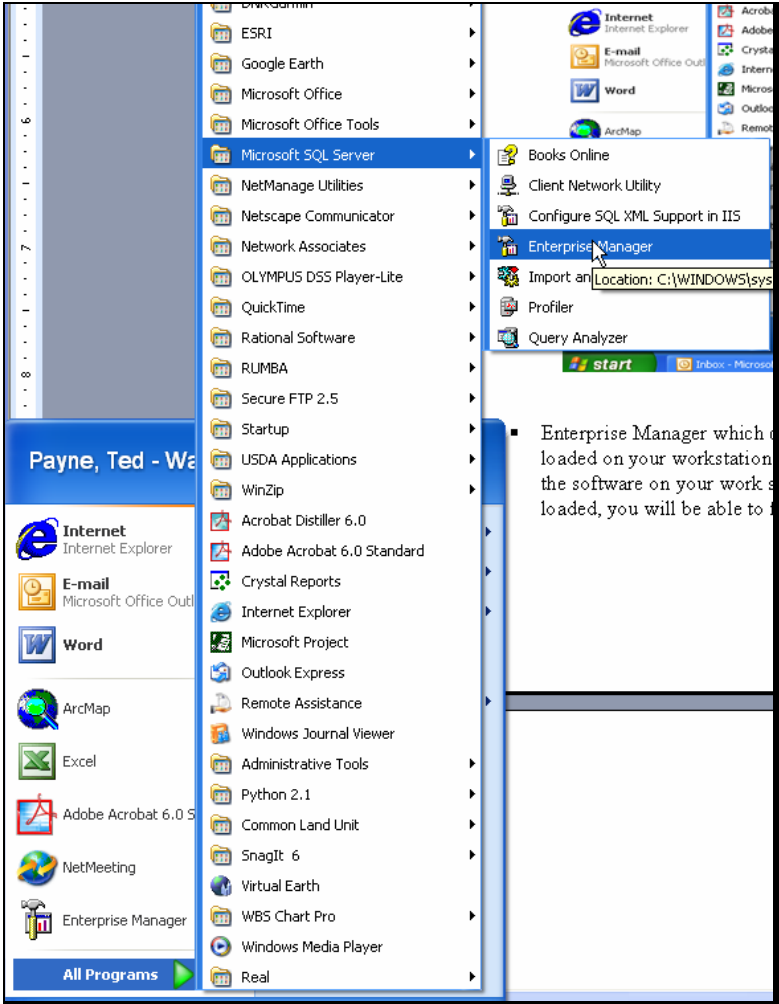
A Software Needed for CLU Migration

State Office GIS personnel shall transfer the geospatial data according to the following.

Step	Action
1	<p>On the State Office workstation, open ArcCatalog 9.1, which is part of the overall client ArcGIS install, according to the following.</p> <p>From the desktop, CLICK:</p> <ul style="list-style-type: none"> • “Start” • “All Programs” • “ArcGIS” • “ArcCatalog”.
	 <p>The screenshot shows a Windows desktop environment. The Start menu is open, displaying a list of programs. The 'ArcGIS' folder is expanded, and 'ArcCatalog' is highlighted. The desktop background shows various icons including 'My Network Places', 'Recycle Bin', 'Hardware BPA Catalog rev...', 'RFC site', 'CRP', 'Rational ClearC...', 'ecnm_docs', 'SnagIt 6', 'Internet Explorer', 'Microsoft Office Outlook', 'Microsoft Word', 'Microsoft Excel', 'ArcMap', 'Adobe Acrobat 6.0', 'NetMeeting', and 'Enterprise Manager'. The taskbar at the bottom shows the 'Payne, Ted - Wa' window.</p>

2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

A Software Needed for CLU Migration (Continued)

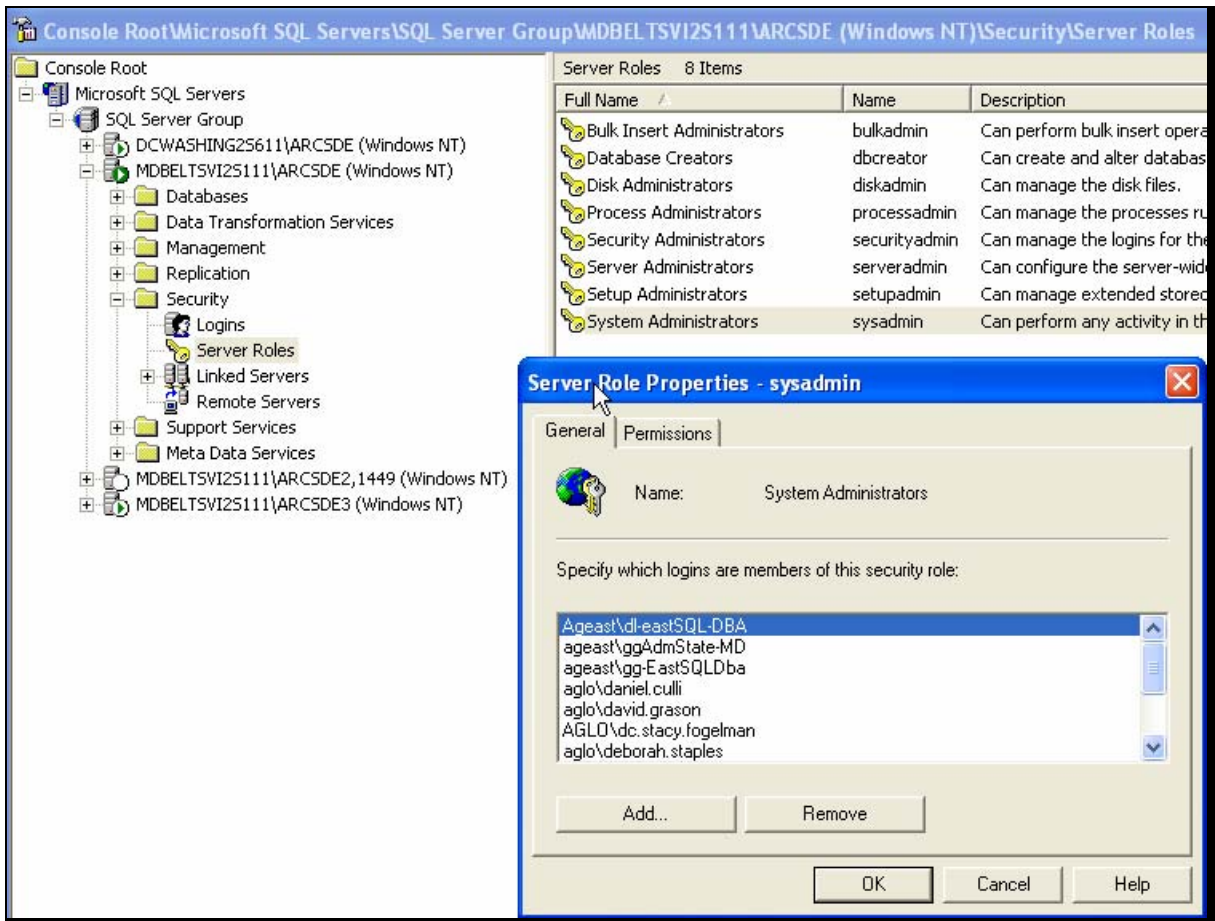
Step	Action
<p>2</p> <p>Note: If Enterprise Manager is not loaded on the State Office workstation, contact ITSD staff. Enterprise Manager is located on Team Services and is approved software.</p> <p>On State Office workstation, open Enterprise Manager according to the following.</p> <p>From the desktop, CLICK:</p> <ul style="list-style-type: none"> • “Start” • “All Programs” • “Microsoft SQL Server” • “Enterprise Manager”. 	 <p>The screenshot shows a Windows XP desktop with the Start menu open. The user is navigating through the menu to find Enterprise Manager. The path is: Start > All Programs > Microsoft SQL Server > Enterprise Manager. The Enterprise Manager icon is highlighted in blue. The desktop background shows various application icons including Internet Explorer, Word, Excel, and ArcMap.</p>

2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

B Access Rights Needed for Transferring ArcSDE CLU Geospatial Data

Each State Office GIS personnel or coordinator performing the annotation transfer has been given the appropriate rights in SQL at the System Administrator level in every Service Center CLU layer through the SGA group in the Active Directory.

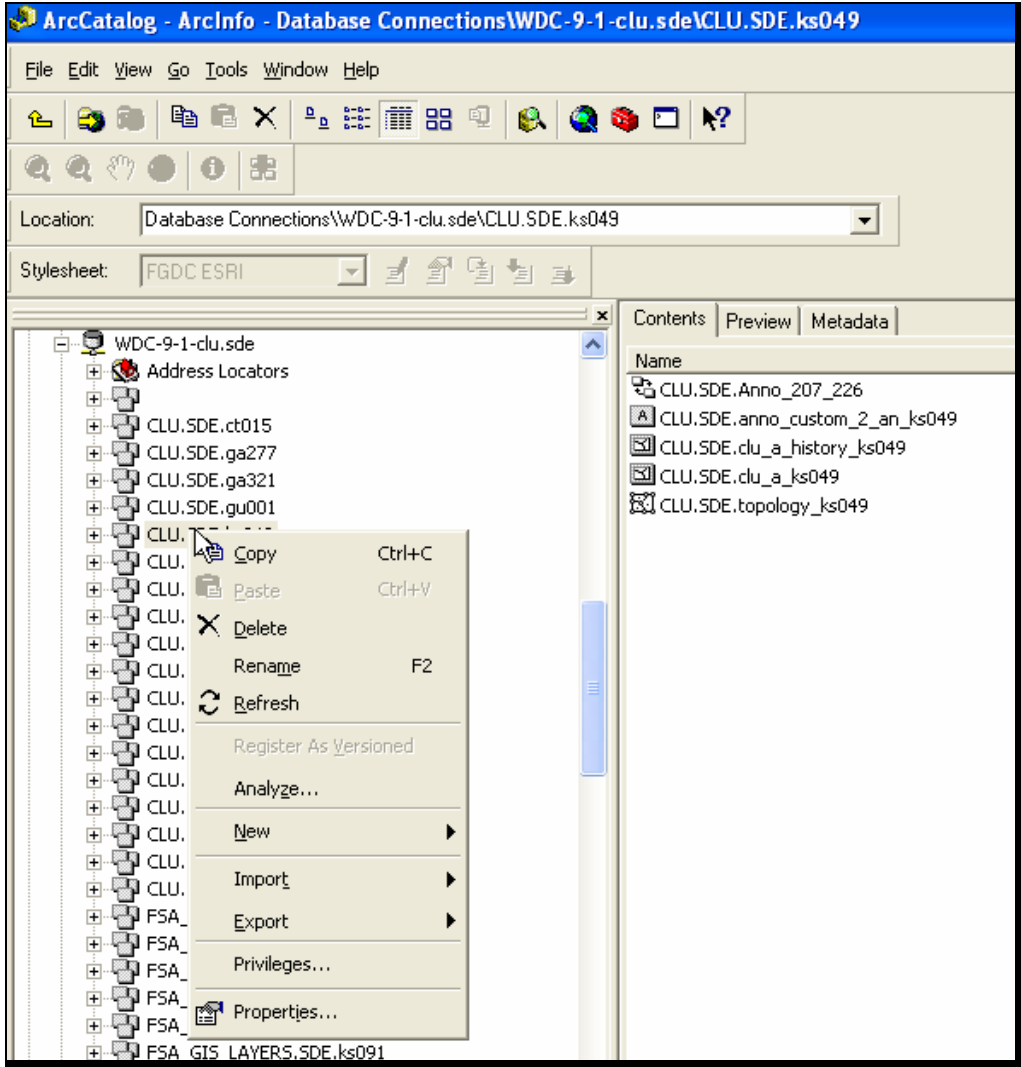
Note: The following example does **not** display SGA group with the appropriate rights, but does display the location where users would find SGA group using Enterprise Manager.



2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

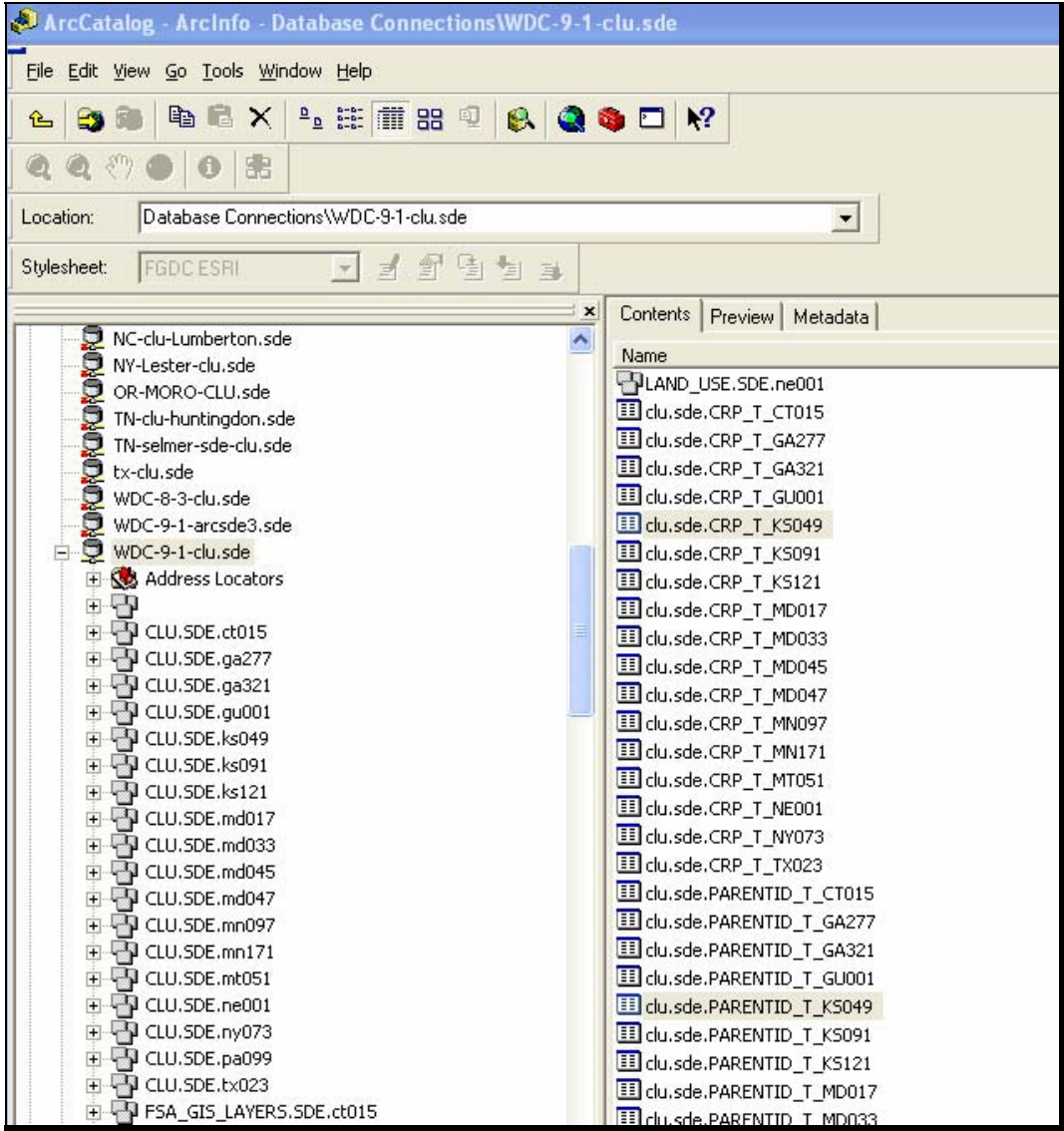
C Performing the Geodatabase Transfer

Perform the geodatabase transfer according to the following.

Step	Action
1	From the State Office workstation, connect to the SDE database of both the transferring County Office CLU database and the receiving County Office CLU database.
2	<p data-bbox="391 548 1382 617">At the transferring County Office, right click on the entire feature dataset and CLICK “Copy”.</p>  <p data-bbox="391 1751 1425 1923">Note: The feature dataset will contain a CLU history feature class, CLU feature class, CLU topology layer, an annotation relationship class, and an annotation feature class if the transferring County Office had previously created an annotation layer. All of these will be copied by copying the feature dataset.</p>

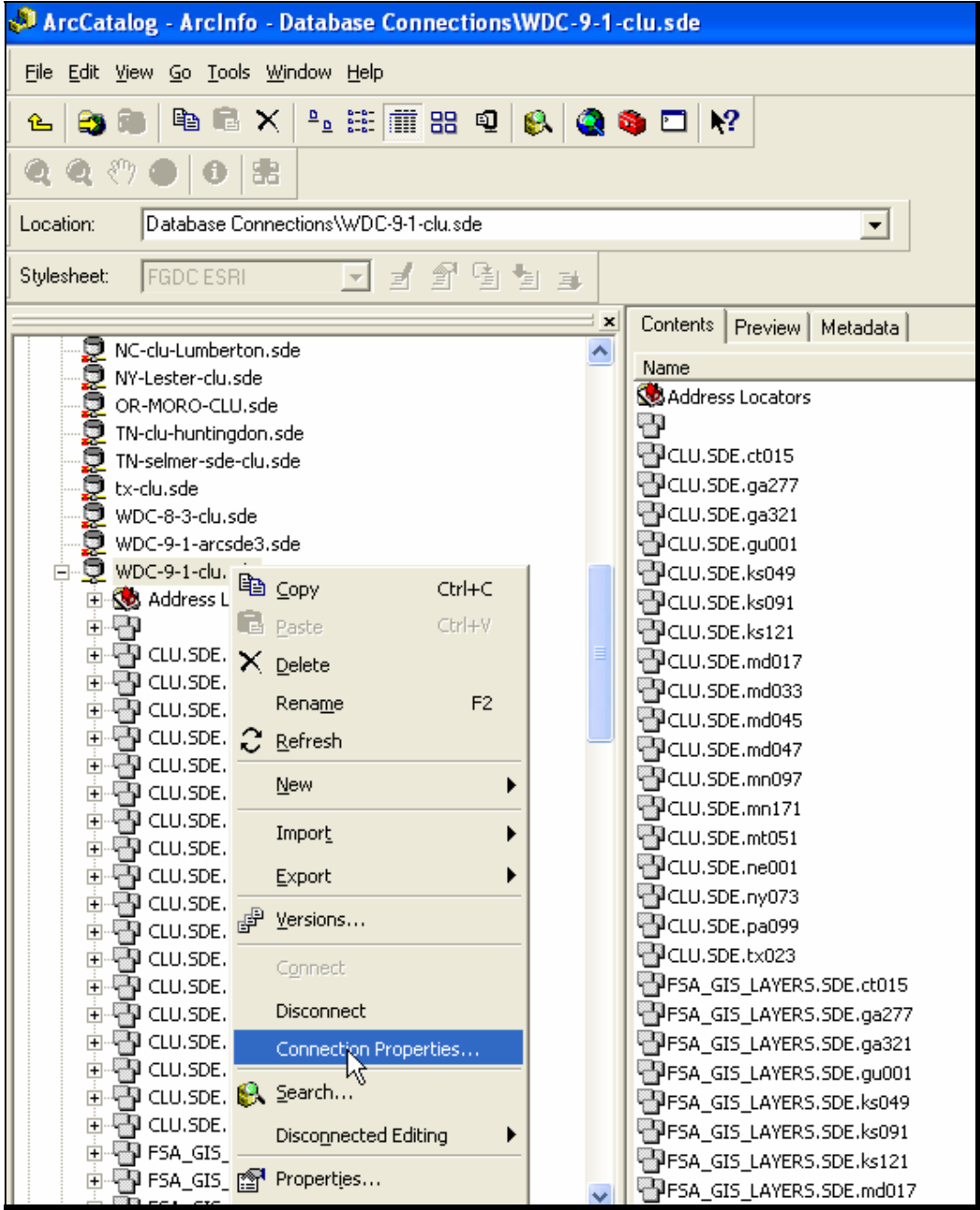
2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
3	In the connection at the receiving County Office, right click and CLICK “Paste”. The feature dataset will be displayed.
4	<p data-bbox="391 436 1468 506">Return to the connection for the transferring County Office, locate the ParentID and CRP tables, and repeat the copy/paste functions in steps 2 and 3.</p>  <p data-bbox="391 1703 1468 1801">Note: If the receiving or transferring County Office is a Land Use or Bin Tool site, repeat the copy/paste functions in steps 2 and 3 for the Land_Use and Grain_Storage_Bin datasets.</p>

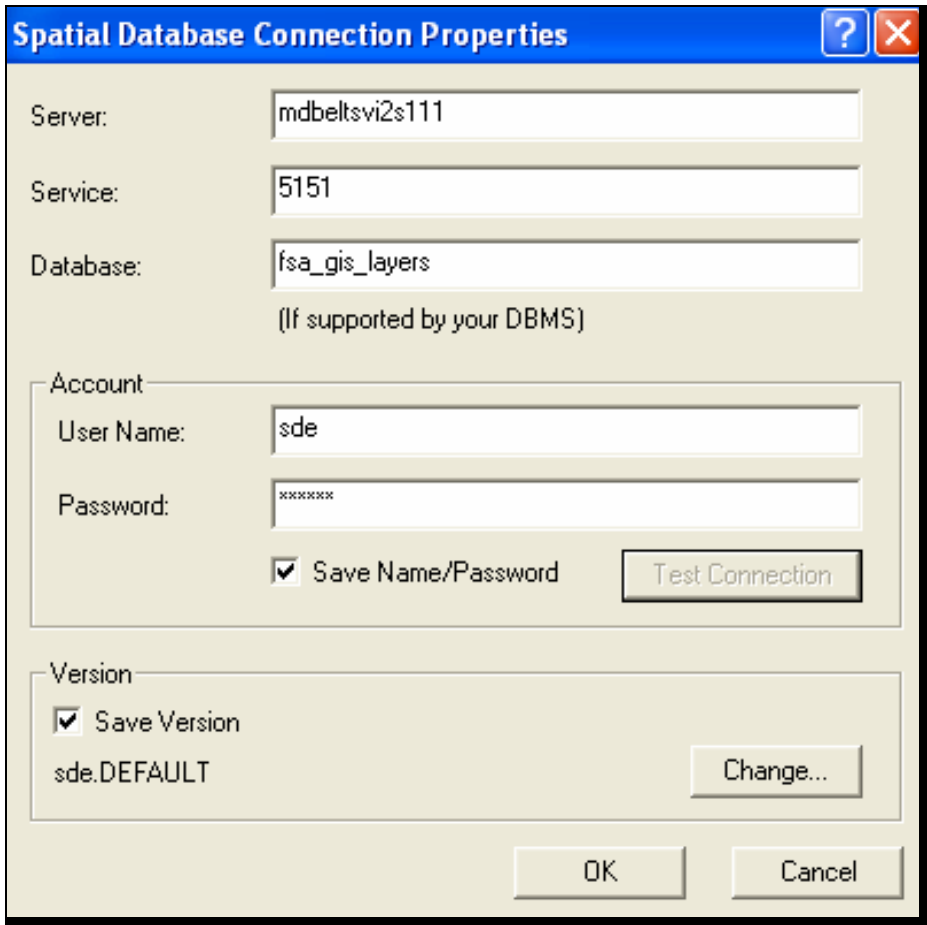
2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
5	<p>Open the connection properties for the transferring County Office’s connection in ArcCatalog by right clicking and CLICK “Connection Properties”.</p>  <p>The screenshot shows the ArcCatalog interface with the following details:</p> <ul style="list-style-type: none"> Title Bar: ArcCatalog - ArcInfo - Database Connections\WDC-9-1-clu.sde Menu Bar: File Edit View Go Tools Window Help Location: Database Connections\WDC-9-1-clu.sde Stylesheet: FGDC ESRI Left Panel (Tree View): Lists various .sde files including NC-clu-Lumberton.sde, NY-Lester-clu.sde, OR-MORO-CLU.sde, TN-clu-huntingdon.sde, TN-selmer-sde-clu.sde, tx-clu.sde, WDC-8-3-clu.sde, WDC-9-1-arcsde3.sde, and WDC-9-1-clu.sde. The 'WDC-9-1-clu.sde' folder is expanded, showing sub-items like Address L, CLU.SDE, and FSA_GIS_. Right Panel (Contents): Shows a list of geospatial layers such as Address Locators, CLU.SDE.ct015, CLU.SDE.ga277, CLU.SDE.ga321, CLU.SDE.gu001, CLU.SDE.ks049, CLU.SDE.ks091, CLU.SDE.ks121, CLU.SDE.md017, CLU.SDE.md033, CLU.SDE.md045, CLU.SDE.md047, CLU.SDE.mn097, CLU.SDE.mn171, CLU.SDE.mt051, CLU.SDE.ne001, CLU.SDE.ny073, CLU.SDE.pa099, CLU.SDE.tx023, FSA_GIS_LAYERS.SDE.ct015, FSA_GIS_LAYERS.SDE.ga277, FSA_GIS_LAYERS.SDE.ga321, FSA_GIS_LAYERS.SDE.gu001, FSA_GIS_LAYERS.SDE.ks049, FSA_GIS_LAYERS.SDE.ks091, FSA_GIS_LAYERS.SDE.ks121, and FSA_GIS_LAYERS.SDE.md017. Context Menu: A right-click context menu is open over the 'WDC-9-1-clu.sde' folder. The menu items include Copy (Ctrl+C), Paste (Ctrl+V), Delete, Rename (F2), Refresh, New, Import, Export, Versions..., Connect, Disconnect, Connection Properties... (highlighted), Search..., and Disconnected Editing. A mouse cursor is pointing at the 'Connection Properties...' option.

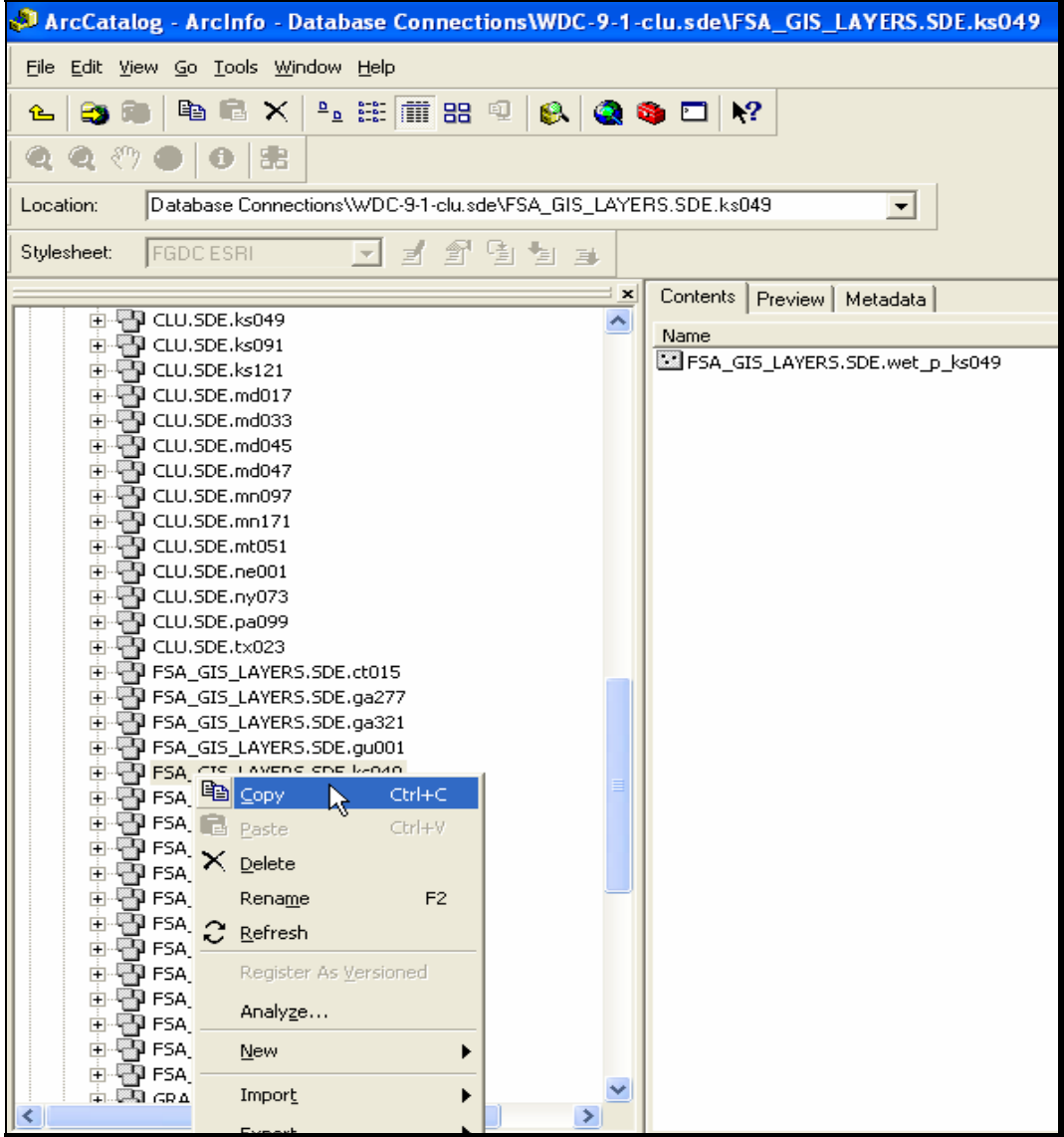
2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
6	<p>On the Spatial Database Connection Properties dialog box, change Database from “CLU” to “fsa_gis_layers”.</p> <p>Important: Do not skip the underscores in the database name.</p> <p>CLICK “Test Connection”. If “Test Connection” becomes grayed-out, CLICK “OK”. If the “Test Connection” does not “gray-out”, a popup window will be displayed, informing the user of the problem.</p>  <p>Changing Database from CLU to FSA_GIS_Layers means that users:</p> <ul style="list-style-type: none"> • can work within FSA_GIS_Layers dataset • cannot manipulate or work with CLU database. <p>Note: Repeat steps 5 and 6 for the database connection to the receiving County Office.</p>

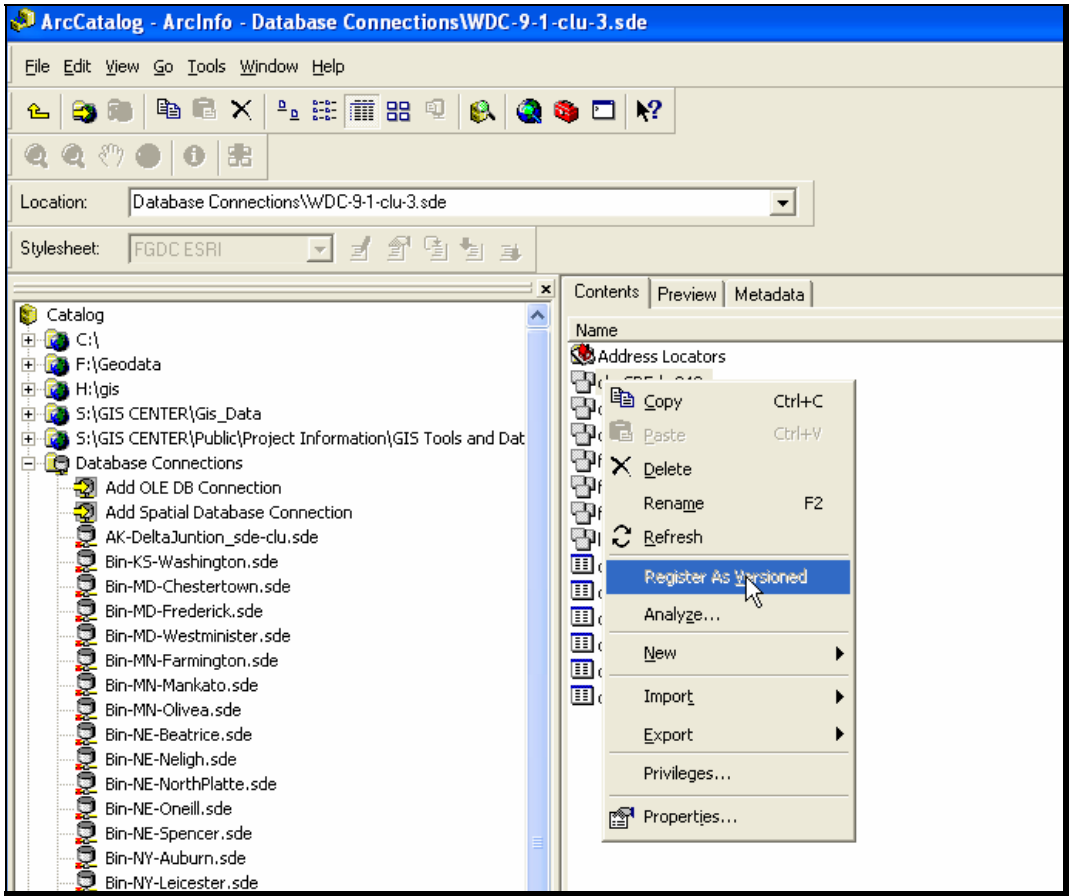
2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
7	<p>Copy FSA_GIS_Layers feature dataset from the transferring County Office to the receiving County Office. Right click on FSA_GIS_Layers feature dataset at the transferring County Office and CLICK “Copy”.</p> 
8	<p>At the receiving County Office, CLICK “Paste”.</p>

2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

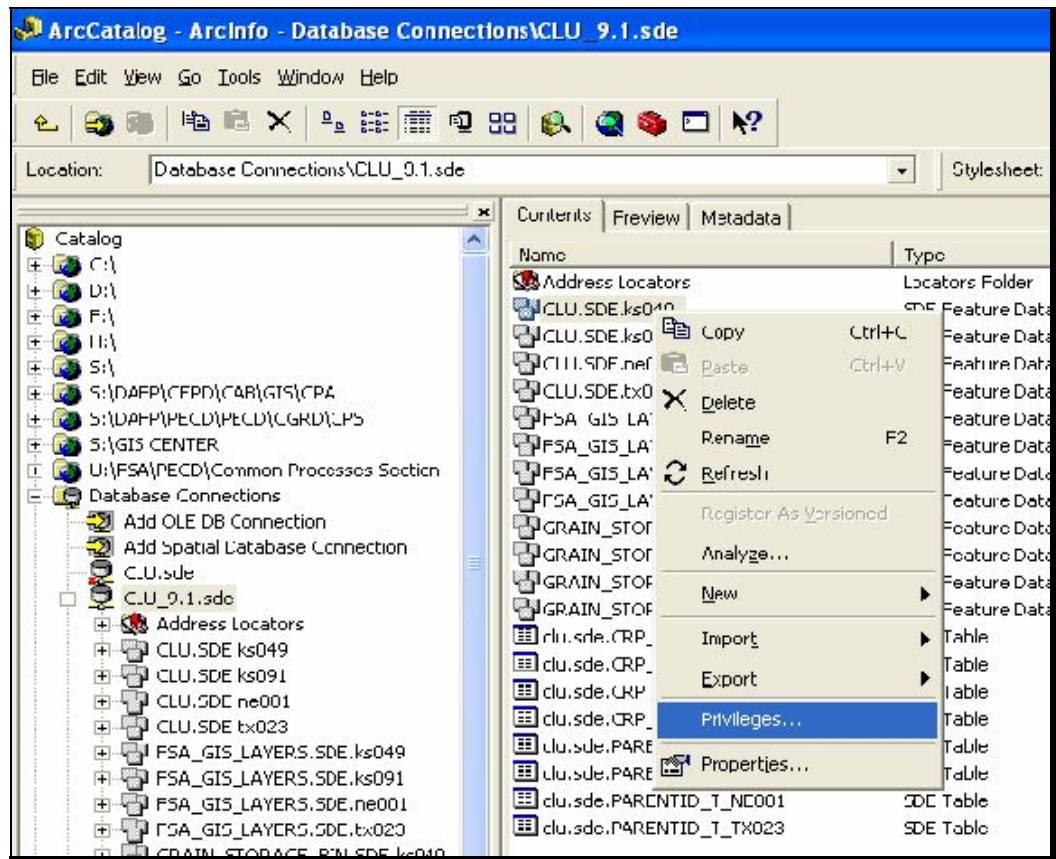
C Performing the Geodatabase Transfer (Continued)

Step	Action
9	<p>Register CLU dataset, FSA_GIS_Layers dataset, and CRP_T_XXXXX tables as versioned databases by right clicking on each of these items and CLICK “Register As Versioned”.</p> <p>Note: Do not register the ParentID table that was copied over to the receiving County Office.</p>  <p>The screenshot shows the ArcCatalog interface. The 'Database Connections' folder is expanded in the Catalog tree. A right-click context menu is open over one of the database connection files, with the 'Register As Versioned' option highlighted. The menu also includes options like Copy, Paste, Delete, Rename, Refresh, Analyze..., New, Import, Export, Privileges..., and Properties...</p>

2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
10	<p>At the receiving County Offices CLU database connection, assign privileges for readers and editors. Set privileges for readers to the copied datasets by right clicking on CLU and CLICK “Privileges”.</p>



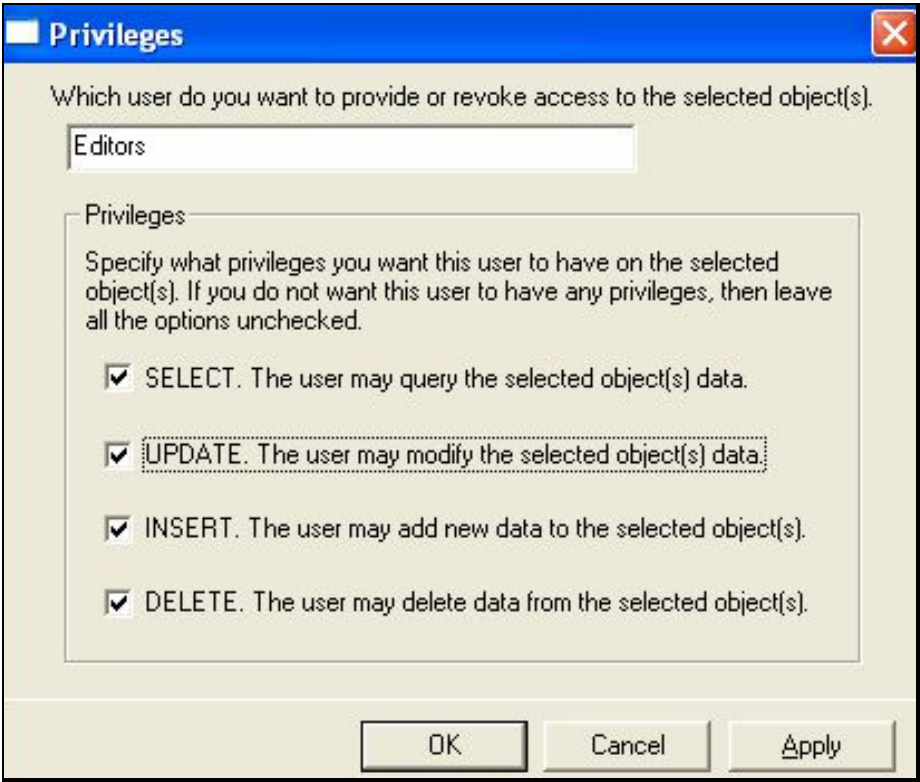
2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
10 (Cntd)	<p>The Privileges dialog box will be displayed with the question, “Which user do you want to provide or revoke access to the selected object(s)”. Users shall do the following:</p> <ul style="list-style-type: none"> • ENTER “Readers” • CLICK (✓) “SELECT. The user may query the selected object(s) data.” to set the readers permission • CLICK “Apply”. <div data-bbox="462 766 1425 1579" style="border: 1px solid black; padding: 10px; margin: 10px 0;"> </div>

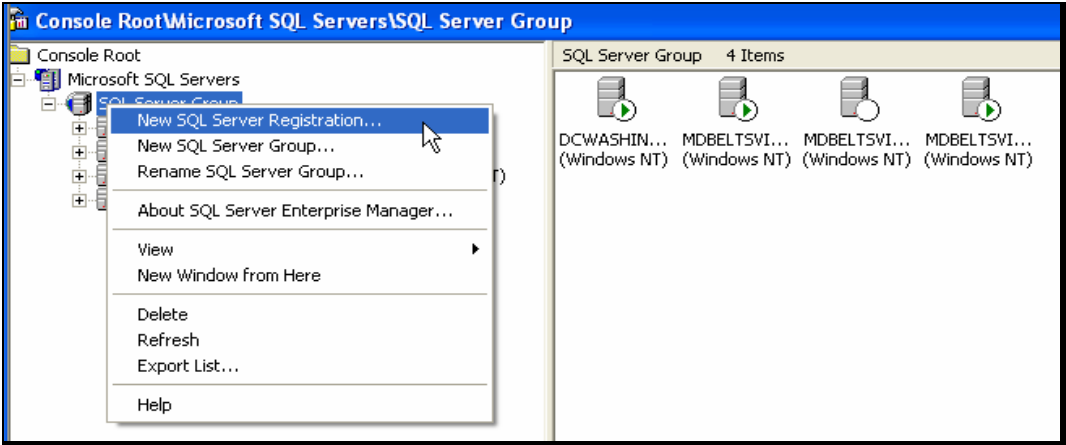
2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
11	<p>After users click “Apply” to set reader privileges, continue setting privileges for editors by doing the following when the Privileges dialog box is re-displayed with the question, “Which user do you want to provide or revoke access to the selected object(s).”:</p> <ul style="list-style-type: none"> • ENTER “Editors”. • CLICK (✓) “UPDATE. The user may modify the selected object(s) data.” • CLICK “Apply” • CLICK “OK”. <p>Notes: After users click “UPDATE. The user may modify the selected object(s) data.” and “Apply”, the Privileges dialog box will be re-displayed showing privileges for select, insert, and delete.</p>  <p>Repeat steps 10 and 11 for the CRP and ParentID tables.</p> <p>Change the connection properties to FSA_GIS_Layers database and perform the same privilege assignment tasks on the FSA_GIS_Layers feature dataset.</p>

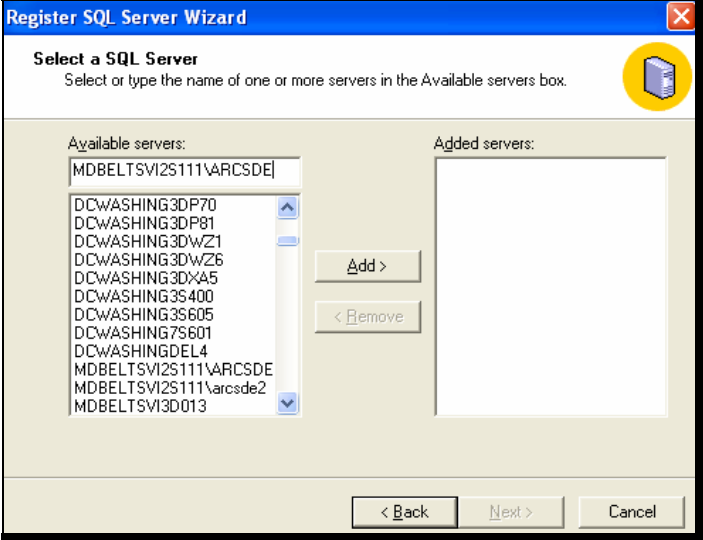
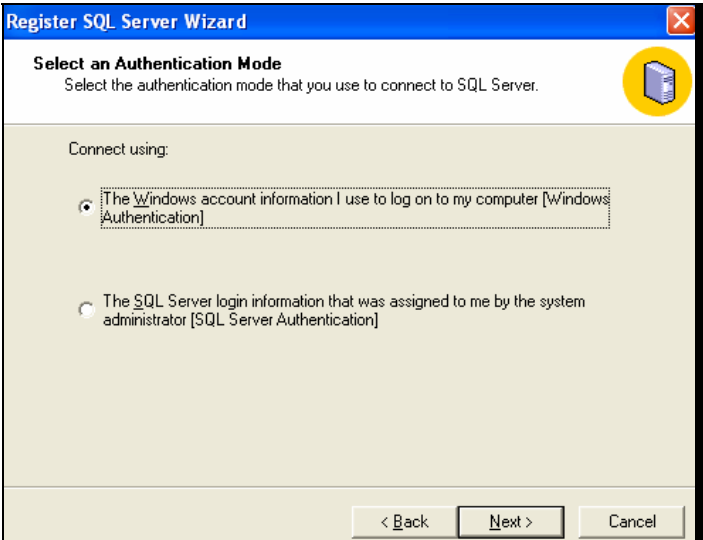
2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
12	<p>Do the following to create a connection to the ArcSDE database through Enterprise Manager. From the desktop, CLICK:</p> <ul style="list-style-type: none"> • “Start” • “All Programs” • “Microsoft SQL Server” • “Enterprise Manager“. <p>RIGHT-CLICK “SQL Server Group” and CLICK “New SQL Server Registration”.</p> <p>Note: Users must have been added as a System Administrator to SQL database.</p>  <p>The Welcome to the Register SQL Server Wizard Screen will be displayed, CLICK “Next”.</p>



2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
<p>12 (Cntd)</p>	<p>The Register SQL Server Wizard dialog box will be displayed. In the Available servers box, type the name of the receiving County Office to which the server user wants to connect, enter “\ARCSDE” to the end of the server name, and CLICK “Add”.</p>  <p>The Register SQL Server Wizard dialog box will be re-displayed with the server the user typed in displayed in the Added servers box. CLICK “Next”.</p> <p>The Register SQL Server Wizard dialog box will be re-displayed, informing the user to select an authentication mode, ensure that “The Windows account information I use to long on to my computer [Windows Authentication]” option is selected and CLICK “Next”.</p> 

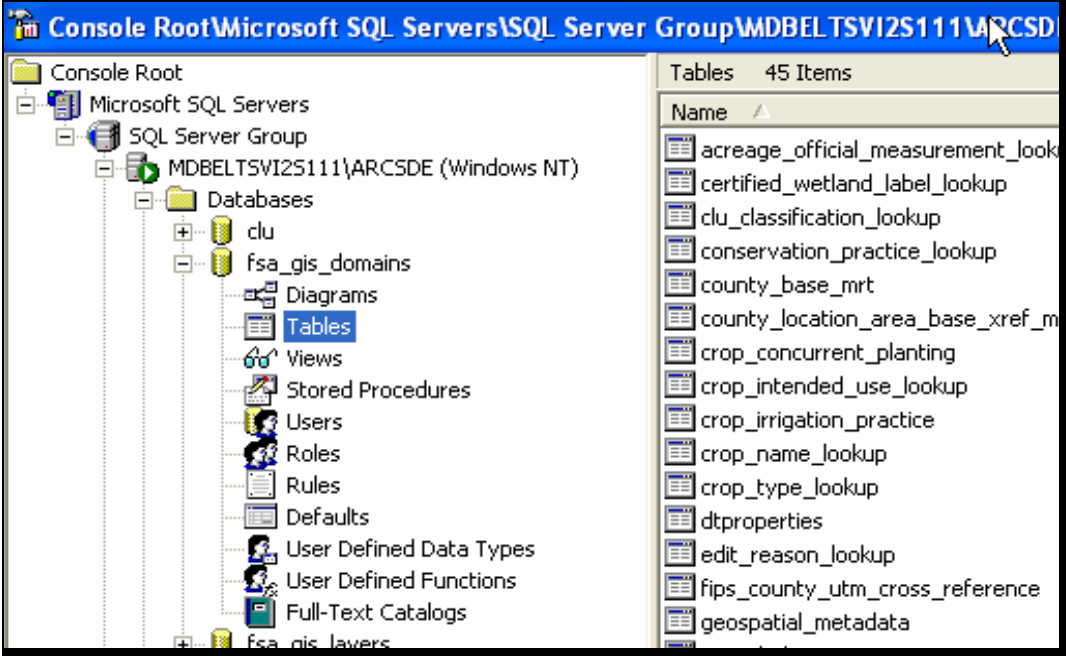
2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
<p>12 (Cntd)</p>	<p>The Register SQL Server Wizard dialog box will be re-displayed, informing the user to select SQL server group. CLICK “Add the SQL Server(s) to an existing SQL Server Group” and CLICK “Next”.</p>  <p>The Register SQL Server Wizard dialog box will be re-displayed, informing the user that the system is completing the register SQL server wizard, CLICK “Finish”.</p> 

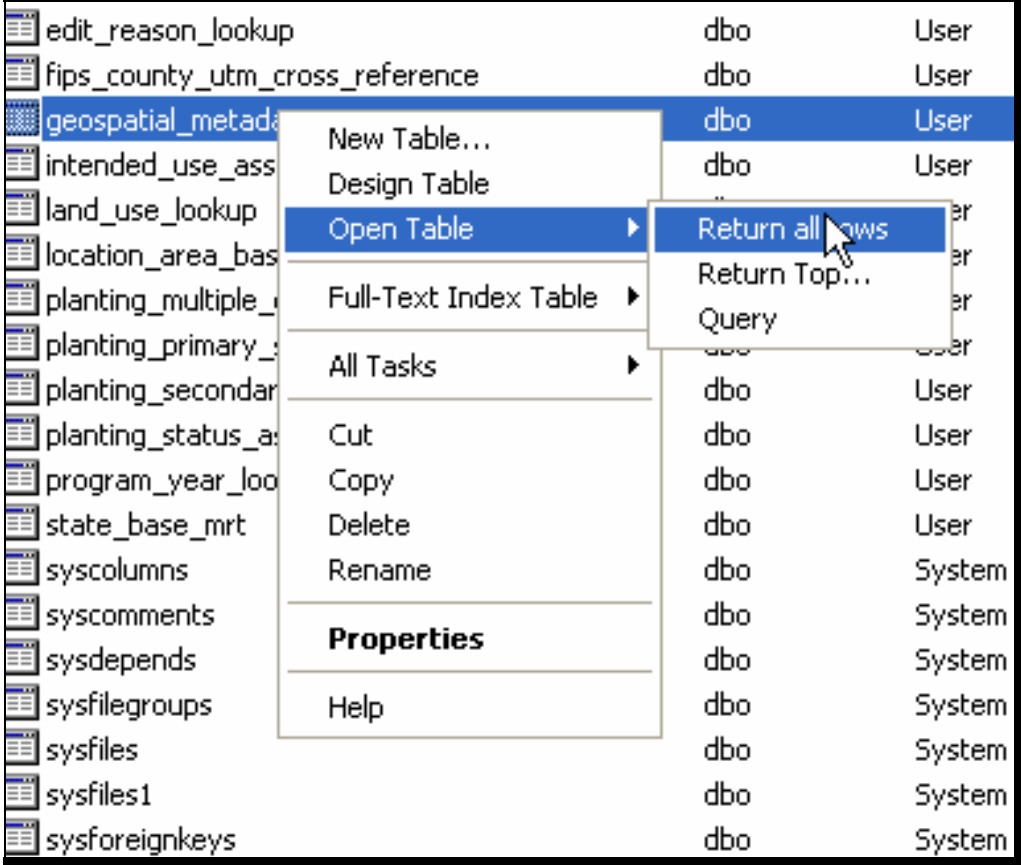
2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
13	<p>Once the SQL server connection has been established, in Enterprise Manager, navigate, on the left side of the window, to databases\fsa_gis_domains\tables.</p> <p>Note: Navigating within Enterprise Manager works the same as Windows Explorer. Use the “+” and “-“ signs to expand and hide levels.</p> 

2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action																																																												
13 (Cntd)	<p>On the right side of the screen, a list of all available tables within the fsa_gis_domains will be displayed. To view and edit the table, RIGHT CLICK “geospatial_metadata”, CLICK “Open Table”, and CLICK “Return all rows”.</p>																																																												
 <table border="1" data-bbox="414 506 1429 1365"> <thead> <tr> <th>Table Name</th> <th>Schema</th> <th>User</th> </tr> </thead> <tbody> <tr><td>edit_reason_lookup</td><td>dbo</td><td>User</td></tr> <tr><td>fips_county_utm_cross_reference</td><td>dbo</td><td>User</td></tr> <tr><td>geospatial_metadata</td><td>dbo</td><td>User</td></tr> <tr><td>intended_use_ass</td><td>dbo</td><td>User</td></tr> <tr><td>land_use_lookup</td><td>dbo</td><td>User</td></tr> <tr><td>location_area_bas</td><td>dbo</td><td>User</td></tr> <tr><td>planting_multiple_</td><td>dbo</td><td>User</td></tr> <tr><td>planting_primary_</td><td>dbo</td><td>User</td></tr> <tr><td>planting_secondar</td><td>dbo</td><td>User</td></tr> <tr><td>planting_status_as</td><td>dbo</td><td>User</td></tr> <tr><td>program_year_loo</td><td>dbo</td><td>User</td></tr> <tr><td>state_base_mrt</td><td>dbo</td><td>User</td></tr> <tr><td>syscolumns</td><td>dbo</td><td>System</td></tr> <tr><td>syscomments</td><td>dbo</td><td>System</td></tr> <tr><td>sysdepends</td><td>dbo</td><td>System</td></tr> <tr><td>sysfilegroups</td><td>dbo</td><td>System</td></tr> <tr><td>sysfiles</td><td>dbo</td><td>System</td></tr> <tr><td>sysfiles1</td><td>dbo</td><td>System</td></tr> <tr><td>sysforeignkeys</td><td>dbo</td><td>System</td></tr> </tbody> </table>		Table Name	Schema	User	edit_reason_lookup	dbo	User	fips_county_utm_cross_reference	dbo	User	geospatial_metadata	dbo	User	intended_use_ass	dbo	User	land_use_lookup	dbo	User	location_area_bas	dbo	User	planting_multiple_	dbo	User	planting_primary_	dbo	User	planting_secondar	dbo	User	planting_status_as	dbo	User	program_year_loo	dbo	User	state_base_mrt	dbo	User	syscolumns	dbo	System	syscomments	dbo	System	sysdepends	dbo	System	sysfilegroups	dbo	System	sysfiles	dbo	System	sysfiles1	dbo	System	sysforeignkeys	dbo	System
Table Name	Schema	User																																																											
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2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
13 (Cntd)	<p>The geospatial metadata table will be displayed. To add new rows, right click on the grey box on the left side of the table and CLICK “New”.</p>

Data in Table 'geospatial_metadata' in 'fsa_gis_domains' on 'MDBELTSYI2S111\MARCSD'

geospatial_metadata	state_fsa_code	county_fsa_code	database_server	database_name	arcscde_dataset_no	table_physical_name	legacy_data_directory	geospatial_theme	last_change_office	creation_date
6	20	091	mdbeltsv2s111	CLU	ks091	du_a_ls091	C:\Documents and CLU	<NULL>		7/16/2007 9:47:2
7	20	091	mdbeltsv2s111	CLU	ks091	du_a_history_ls09	C:\Documents and CLU	<NULL>		7/16/2007 9:49:1
8	20	091	mdbeltsv2s111	CLU	ks091	crp_t_ls091	C:\Documents and CRP	<NULL>		7/16/2007 9:49:2
9	20	091	mdbeltsv2s111	FSA_GIS_LAYERS	ks091	wet_p_ls091	C:\Documents and WET	<NULL>		7/16/2007 9:49:3
10	31	001	mdbeltsv2s111	CLU	ne001	du_a_ne001	C:\Documents and CLU	<NULL>		7/16/2007 9:59:2
11	31	001	mdbeltsv2s111	CLU	ne001	du_a_history_ne00	C:\Documents and CLU	<NULL>		7/16/2007 10:01
12	31	001	mdbeltsv2s111	CLU	ne001	crp_t_ne001	C:\Documents and CRP	<NULL>		7/16/2007 10:01
13	31	001	mdbeltsv2s111	FSA_GIS_LAYERS	ne001	wet_p_ne001	C:\Documents and WET	<NULL>		7/16/2007 10:01
14	48	023	mdbeltsv2s111	CLU	tx023	du_a_tx023	C:\Documents and CLU	<NULL>		7/16/2007 10:06
15	48	023	mdbeltsv2s111	CLU	tx023	du_a_history_tx02	C:\Documents and CLU	<NULL>		7/16/2007 10:07
16	48	023	mdbeltsv2s111	CLU	tx023	crp_t_tx023	CRP	<NULL>		7/16/2007 10:07
17	48	023	mdbeltsv2s111	FSA_GIS_LAYERS	tx023	wet_p_tx023	WET	<NULL>		7/16/2007 10:07
18	20	049	mdbeltsv2s111	CLU	ks049	du_a_ls049	C:\Documents and CLU	<NULL>		7/16/2007 10:23
19	20	049	mdbeltsv2s111	CLU	ks049	du_a_history_ls04	C:\Documents and CLU	<NULL>		7/16/2007 10:23
20	20	049	mdbeltsv2s111	CLU	ks049	crp_t_ls049	C:\Documents and CRP	<NULL>		7/16/2007 10:23
21	20	049	mdbeltsv2s111	FSA_GIS_LAYERS	ks049	wet_p_ls049	C:\Documents and WET	<NULL>		7/16/2007 10:23

Run
Clear Results
First
Last
Next
Previous
Row...
New
Cut
Copy
Paste
Delete
Show Panes
Hide Pane
Properties

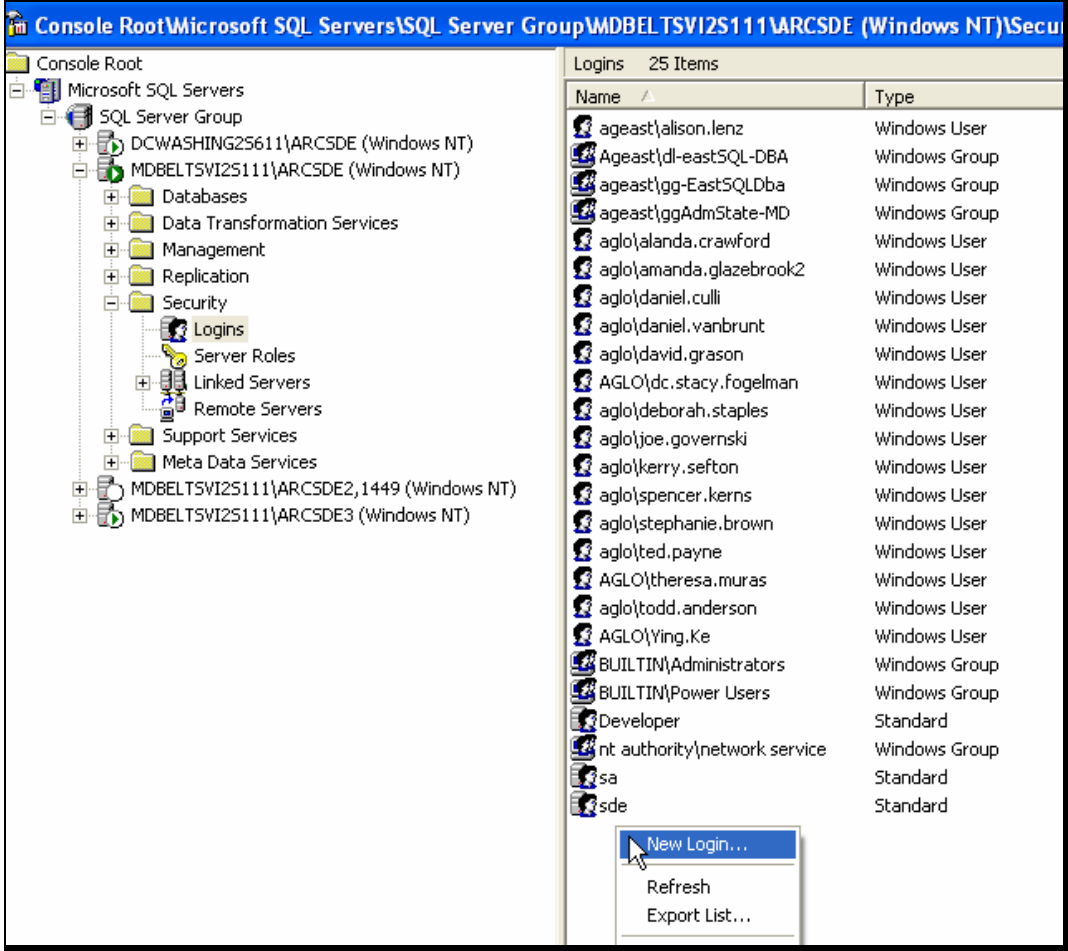
2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action	
13 (Cntd)	The following columns must be manually populated with 4 rows for each, formatted exactly as listed.	
	Column Title	Format
	geospatial_metadata	The 4 new records shall be numbered sequentially starting 1 number after the previous record. Example: 5,6,7,8 or 25, 26, 27, 28.
	state_fsa_code	State's 2-digit FIPS code.
	county_fsa_code	County Office's 3-digit FIPS code.
	database_server_name	Name of the server where the data now resides (the receiving County Office).
	database_name	<ul style="list-style-type: none"> • 3 rows for CLU • 1 row for FSA_GIS_Layers
	arcsde_dataset_name	State's 2-letter abbreviation with County Offices 3-digit FIPS code. Example: xx000
	table_physical_name	<ul style="list-style-type: none"> • 1 row – clu_a_xx000 • 1 row – clu_history_xx000 • 1 row – crp_t_xx000 • 1 row – wet_p_xx000
	legacy_data_directory_path	Can be left blank.
	geospatial_theme_name	<ul style="list-style-type: none"> • 2 rows - CLU • 1 row – CRP • 1 row – WET
	last_change_office	ENTER “<NULL>” (type the word NULL with the arrows).
	creation_date	m/dd/yyyy 10:07:08 AM (use actual creation date and time).
	last_change_date	
	deletion_date	ENTER “<NULL>” (type the word NULL with the arrows).
	last_change_user_name	first.last (dot in between).

2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

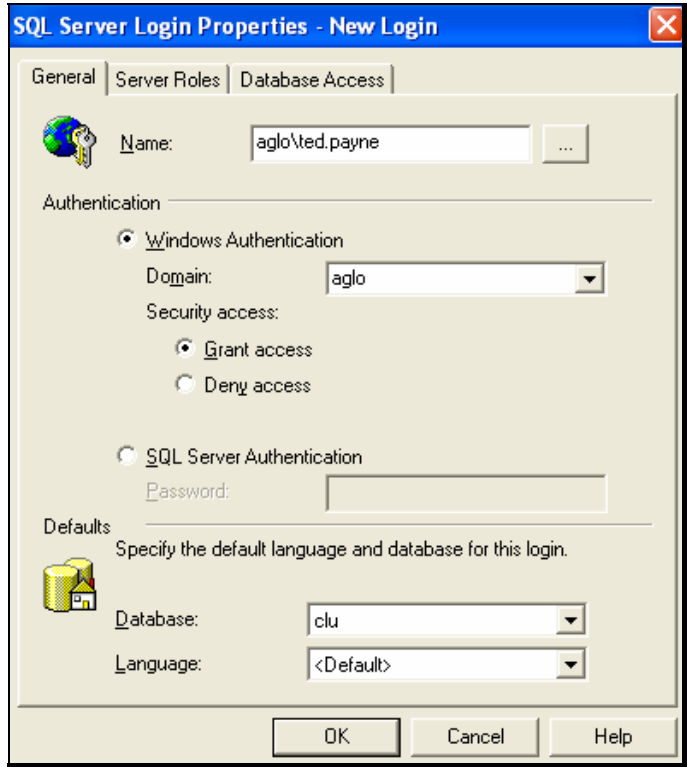
C Performing the Geodatabase Transfer (Continued)

Step	Action																																																				
14	<p>Using Enterprise Manager, establish any new users coming from the transferring County Office on the new server for access to read or edit CLU database, as follows. From the desktop, CLICK:</p> <ul style="list-style-type: none"> • “Start” • “All Programs” • “Microsoft SQL Server” • “Enterprise Manager” • “Microsoft SQL Servers • “SQL Server Group • “name of users SQL Server\ArcSDE” • “Security”. <p>RIGHT-CLICK “Logins” and CLICK “New Login”.</p>  <p>The screenshot shows the Enterprise Manager console tree with the following structure:</p> <ul style="list-style-type: none"> Console Root <ul style="list-style-type: none"> Microsoft SQL Servers <ul style="list-style-type: none"> SQL Server Group <ul style="list-style-type: none"> DCWASHING25611\ARCSD (Windows NT) <ul style="list-style-type: none"> Databases Data Transformation Services Management Replication Security <ul style="list-style-type: none"> Logins (selected) Server Roles Linked Servers Remote Servers Support Services Meta Data Services MBELT5VI25111\ARCSD2,1449 (Windows NT) MBELT5VI25111\ARCSD3 (Windows NT) <p>The Logins list contains the following items:</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> </tr> </thead> <tbody> <tr><td>ageast\alison.lenz</td><td>Windows User</td></tr> <tr><td>Ageast\dl-eastSQL-DBA</td><td>Windows Group</td></tr> <tr><td>ageast\gg-EastSQLDb</td><td>Windows Group</td></tr> <tr><td>ageast\ggAdmState-MD</td><td>Windows Group</td></tr> <tr><td>aglo\alanda.crawford</td><td>Windows User</td></tr> <tr><td>aglo\amanda.glazebrook2</td><td>Windows User</td></tr> <tr><td>aglo\daniel.culli</td><td>Windows User</td></tr> <tr><td>aglo\daniel.vanbrunt</td><td>Windows User</td></tr> <tr><td>aglo\ david.grason</td><td>Windows User</td></tr> <tr><td>AGLO\dc.stacy.fogelman</td><td>Windows User</td></tr> <tr><td>aglo\deborah.staples</td><td>Windows User</td></tr> <tr><td>aglo\joe.governski</td><td>Windows User</td></tr> <tr><td>aglo\kerry.sefton</td><td>Windows User</td></tr> <tr><td>aglo\spencer.kerns</td><td>Windows User</td></tr> <tr><td>aglo\stephanie.brown</td><td>Windows User</td></tr> <tr><td>aglo\ted.payne</td><td>Windows User</td></tr> <tr><td>AGLO\theresa.muras</td><td>Windows User</td></tr> <tr><td>aglo\todd.anderson</td><td>Windows User</td></tr> <tr><td>AGLO\Ying.Ke</td><td>Windows User</td></tr> <tr><td>BUILTIN\Administrators</td><td>Windows Group</td></tr> <tr><td>BUILTIN\Power Users</td><td>Windows Group</td></tr> <tr><td>Developer</td><td>Standard</td></tr> <tr><td>nt authority\network service</td><td>Windows Group</td></tr> <tr><td>sa</td><td>Standard</td></tr> <tr><td>sde</td><td>Standard</td></tr> </tbody> </table>	Name	Type	ageast\alison.lenz	Windows User	Ageast\dl-eastSQL-DBA	Windows Group	ageast\gg-EastSQLDb	Windows Group	ageast\ggAdmState-MD	Windows Group	aglo\alanda.crawford	Windows User	aglo\amanda.glazebrook2	Windows User	aglo\daniel.culli	Windows User	aglo\daniel.vanbrunt	Windows User	aglo\ david.grason	Windows User	AGLO\dc.stacy.fogelman	Windows User	aglo\deborah.staples	Windows User	aglo\joe.governski	Windows User	aglo\kerry.sefton	Windows User	aglo\spencer.kerns	Windows User	aglo\stephanie.brown	Windows User	aglo\ted.payne	Windows User	AGLO\theresa.muras	Windows User	aglo\todd.anderson	Windows User	AGLO\Ying.Ke	Windows User	BUILTIN\Administrators	Windows Group	BUILTIN\Power Users	Windows Group	Developer	Standard	nt authority\network service	Windows Group	sa	Standard	sde	Standard
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2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
<p>14 (Cntd)</p>	<p>The SQL Server Login Properties - New Login dialog box will be displayed. Complete the SQL Server Login Properties - New Login dialog box as follows:</p> <ul style="list-style-type: none"> • CLICK “General” tab and do the following: <ul style="list-style-type: none"> • in the Name box, specify the name for the new login in the format, domain\firstname.lastname • ensure that Windows Authentication radio button is selected • in Domain box, select the domain to use to validate a login’s network security attributes from the drop-down menu <p>Note: Receiving County Office user must already have a domain account under either ageast, agwest, or agcentral.</p> <ul style="list-style-type: none"> • in Database box, select “clu” from the drop-down menu <p>Example: In this example, user created a new account for Ted Payne in a domain called aglo.</p>



2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action																																										
14 (Cntd)	<ul style="list-style-type: none"> • CLICK “Database Access” tab and do the following: <ul style="list-style-type: none"> • in the Permit column for each required database, click a checkmark • in the Permit column, in Database Role box, choose either “E” for editors or “R” for Readers, according the following table <table border="1" data-bbox="467 625 1474 1010"> <thead> <tr> <th data-bbox="467 625 703 814">Database</th> <th data-bbox="703 625 878 814">Uses the Land Use, Maintenance Tools, and Grain Storage Bin</th> <th data-bbox="878 625 1008 814">Land Use Tool Only (Acreage Report Editor)</th> <th data-bbox="1008 625 1183 814">Maintenance Tool Only (CLU Editor)</th> <th data-bbox="1183 625 1338 814">Maintenance Tool Lite (Read Only)</th> <th data-bbox="1338 625 1474 814">Grain Storage Bin Application only</th> </tr> </thead> <tbody> <tr> <td>clu</td> <td>E</td> <td>R</td> <td>E</td> <td>R</td> <td>E</td> </tr> <tr> <td>fsa_gis_domains</td> <td>E</td> <td>E</td> <td>E</td> <td>R</td> <td>E</td> </tr> <tr> <td>fsa_gis_layers</td> <td>E</td> <td>R</td> <td>E</td> <td>R</td> <td>E</td> </tr> <tr> <td>land_use</td> <td>E</td> <td>E</td> <td></td> <td></td> <td></td> </tr> <tr> <td>grain_storage_bin</td> <td>E</td> <td></td> <td></td> <td></td> <td>E</td> </tr> <tr> <td>sde</td> <td>E</td> <td>E</td> <td>E</td> <td>E</td> <td>E</td> </tr> </tbody> </table> <p data-bbox="509 1052 1468 1339">Notes: All individuals who intend to take acreage reports need to be given permissions at the “Land Use Tool Only” level. Most County Offices will not have anyone in the “Maintenance Tool Only” category. Individuals who will not be using either the Land Use or Maintenance Tool do not require an account in SQL. If there are any FSA Service Center employees not allowed to take acreage reports, CED shall determine whether the employee should not access the Land Use database.</p> <p data-bbox="607 1381 1468 1451">At this time, neither NRCS nor RD employees need access to either database.</p> <p data-bbox="607 1493 1468 1562">A CLU shapefile will continue to be accessible to all Service Center employees on the local server.</p> <p data-bbox="607 1604 1468 1705">CED is responsible for sending the names in each group to whomever in the State Office that has been tasked with establishing the authenticated SQL accounts.</p>	Database	Uses the Land Use, Maintenance Tools, and Grain Storage Bin	Land Use Tool Only (Acreage Report Editor)	Maintenance Tool Only (CLU Editor)	Maintenance Tool Lite (Read Only)	Grain Storage Bin Application only	clu	E	R	E	R	E	fsa_gis_domains	E	E	E	R	E	fsa_gis_layers	E	R	E	R	E	land_use	E	E				grain_storage_bin	E				E	sde	E	E	E	E	E
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Notice IRM-397

2 Procedure for Transferring ArcSDE CLU Geospatial Data (Continued)

C Performing the Geodatabase Transfer (Continued)

Step	Action
14 (Cntd)	<ul style="list-style-type: none"><li data-bbox="467 365 1446 432">• in the User column, remove the period separating the first and last names so that “firstname.lastname” becomes “firstnamelastname”. <p data-bbox="509 474 1474 541">Notes: If there is a “Domain_Name\” or other special characters in front of the user name, they must be removed.</p> <p data-bbox="607 583 1414 651">Complete for each database that was checked on the “Database Access” tab, in the Permit column.</p>

3 State and County Actions

A State Actions

State Office GIS personnel shall perform paragraph 2 activities to move CLU databases from the transferring County Office to the receiving County Office with coordination between the State Office and receiving County Office

B County Actions

County Offices shall:

- test the application connections by opening **all** projects in ArcGIS, the Maintenance Tool, the Land Use application, or the Bin Tool based on the users’ responsibilities as assigned by CED
- report test findings to the State Office GIS personnel.