

Restore Backup Database From Device

If you have a backup database from another external source (e.g. different PC, database server, CD, etc), you can restore the backup database by using “From Device” function as shown in Figure 4-19a. **This feature is useful for users who have installed StreetSaver™ on one computer/server and need to restore the backup database on another computer/server/laptop.** (For example: loading StreetSaver™ on a laptop for fieldwork.)

1. From **Database Administration**, click **Restore Database** under **Action** menu.
2. In “**Restore as database:**” field, type in the name of database to be restored (i.e. the original database in your CD-ROM is named StreetSaver. Use StreetSaver unless your DBA has renamed the database).
3. Select Restore **From device** as circled in Figure 4-19a.
4. Click **Select Devices**.

IMPORTANT:

MSDE installed: Name the database to be restored as: StreetSaver.
Full version of MS SQL Server: StreetSaver unless it has been renamed.

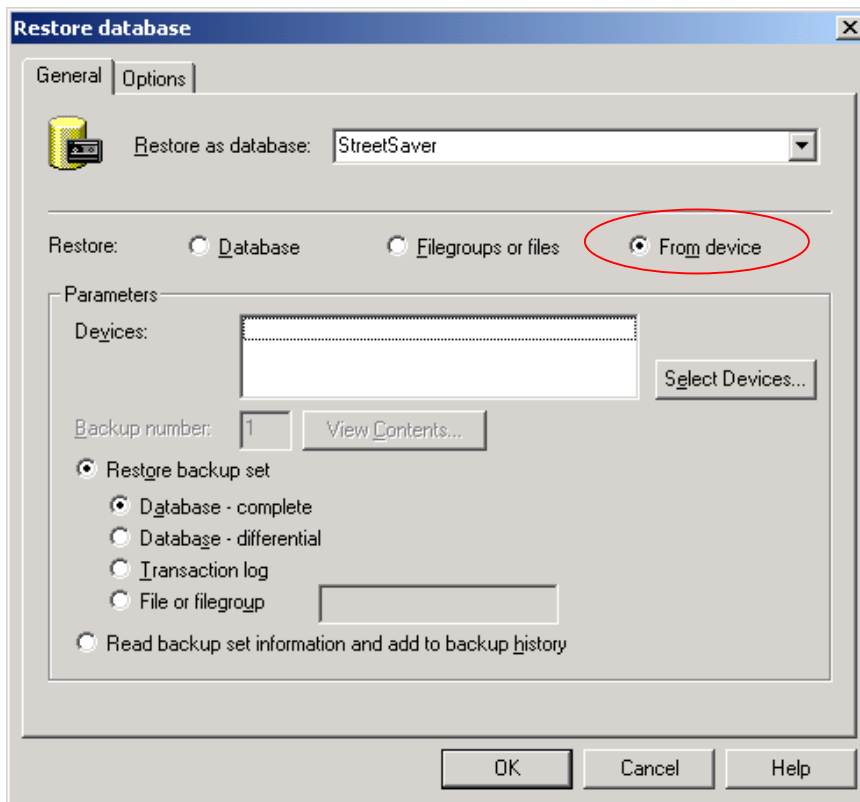


Figure 4-19a:
Restore Database - From Device

5. Click **Add** as shown in Figure 4-19b. Leave other boxes as is.

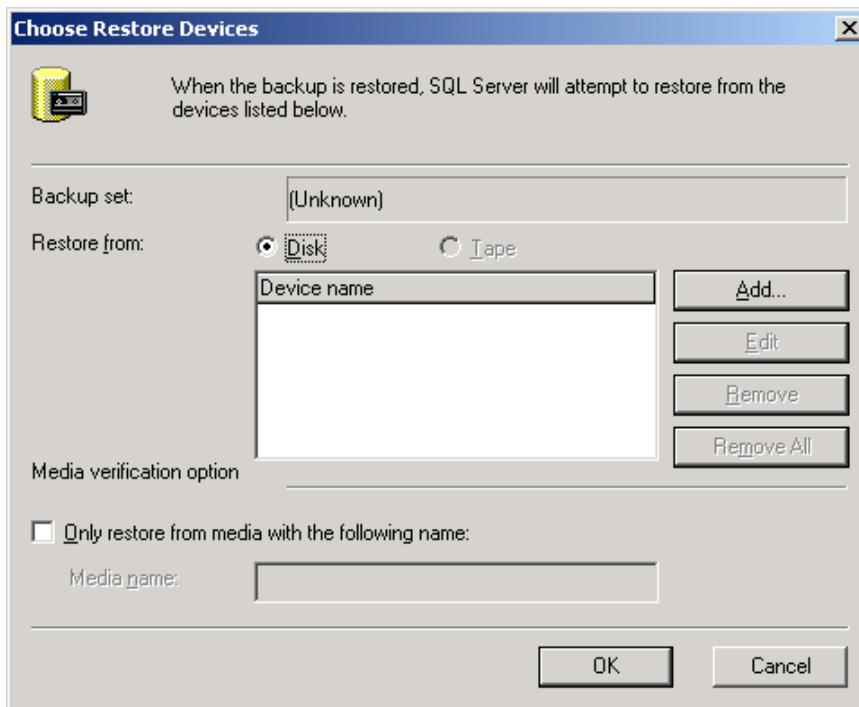


Figure 4-19b:
Choose Restore Devices

6. Select **File name**, and locate the backup database file by clicking on the “3-dot” button as circled in Figure 4-19c.

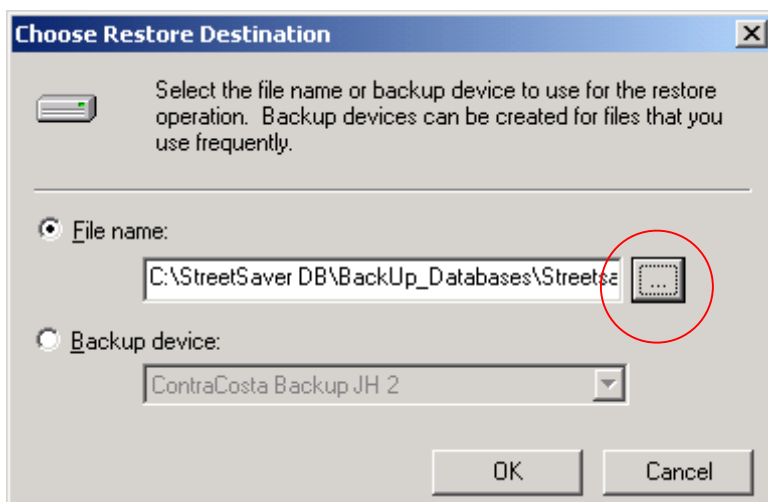
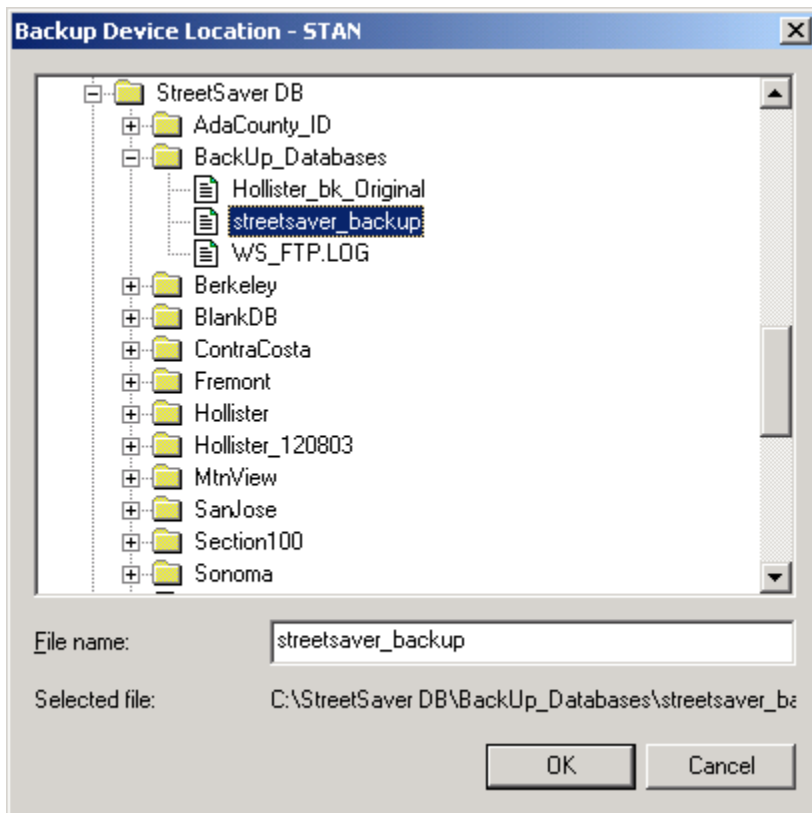


Figure 4-19c:
Choose Restore Destination

7. Navigate to where the backup database is stored. In this example, the path is C:\StreetSaverDB\BackUp_Databases\. Select the file named “streetsaver_backup” as shown in Figure 4-19d.



**Figure 4-19d:
Backup Device Location**

8. Click **OK** as shown in Figure 4-19d as well as in the subsequent screens “Choose Restore Destination”, Figure 4-19c and “Choose Restore Devices”, Figure 4-19b.
9. When back to **Restore Database** window, click on Options tab as shown in Figure 4-19a.

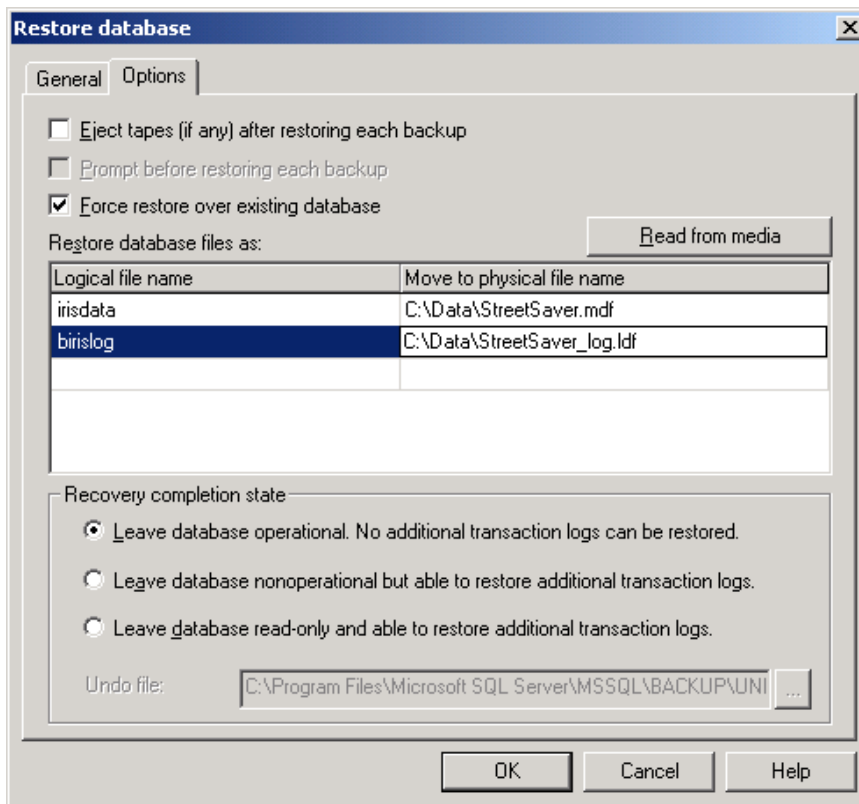
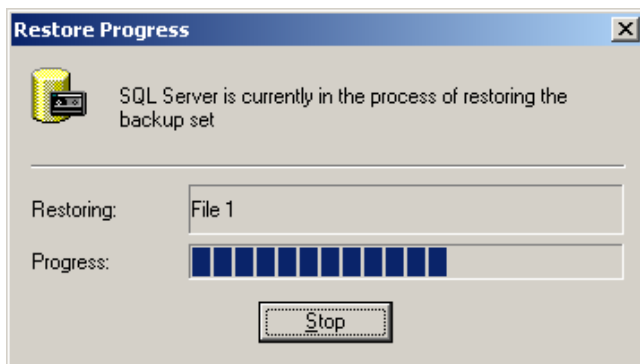


Figure 4-19e:
Restore Database –
Options Tab

10. Check the **Force restore over existing database**, and specify the path to store the new database in **Move to physical file name**. Make sure the path to the physical file name is valid, i.e. if you try to store the database to C:\Data, make sure the Data folder is already created.
11. Click **OK** to start the restore process.



12. When restoring of database 'StreetSaver' completed successfully, you will see the database (i.e. StreetSaver) attached to the **Databases** folder in Figure 4-19f.

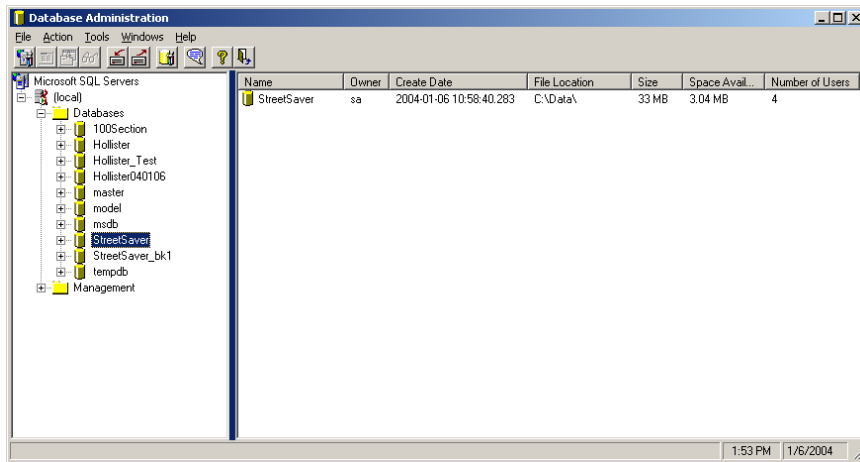


Figure 4-19f:
Database Administration
– StreetSaver database is
attached.

13. Since the backup database was backed up from an external source, you have to use the **FixOrphan** utility program to remove the orphaned database user from the original and add database user rights to the newly restored database.

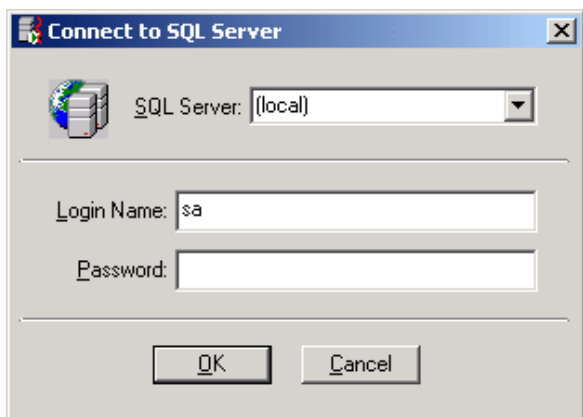


FixOrphan.exe

*FixOrphan is a stand-alone program and is independent from the StreetSaver™ program. You can run it directly from the CD-ROM or install **FixOrphan** on the same machine where the StreetSaver™ v.8 Client is installed. It is made available for users who have installed StreetSaver™ on one computer/server and need to restore the backup database on another computer/server/laptop.*

Figure 4-19g:
FixOrphan program is
available in the
StreetSaver CD-ROM.
You can also download it
from
www.mtepms.org/support/support.html

14. Double click on **FixOrphan** program as shown in Figure 4-19g, the SQL Server login screen in Figure 4-19h appears. If your database is stored in a full-version MS SQL Server, then you will select the server name from the dropdown list and enter 'sa' password. If you are running on MSDE, leave the server name as [local] and password blank. Click **OK**.



**Figure 4-19h: SQL
Server login**

- Click on the dropdown list, select **StreetSaver (or other name if it has been renamed)** database and click **Execute** as shown in Figure 4-19i. The process will remove any database owner identification from previous external source, add the “**Developer**” user, and grant db_owner rights to the StreetSaver database.

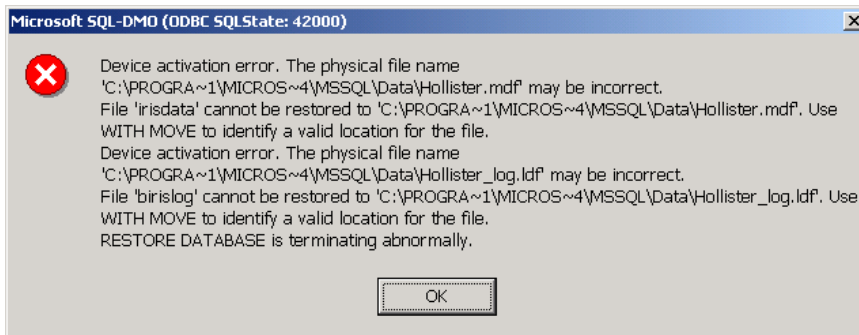


Figure 4-19i:
Remove Orphaned User

- Launch the StreetSaver™ program and it will open the newly restored database named: StreetSaver (or your agency name).

Troubleshooting

Wrong physical file name was used. Please go back to Step 10 and make sure the folder is valid and the path and filename are correct.



If you see this:



Click **View Contents** on the **Restore Database** screen (Fig 4-19a): Highlight the file to restore.

Next click OK, and then click OK again. The restore operation should now complete successfully.