

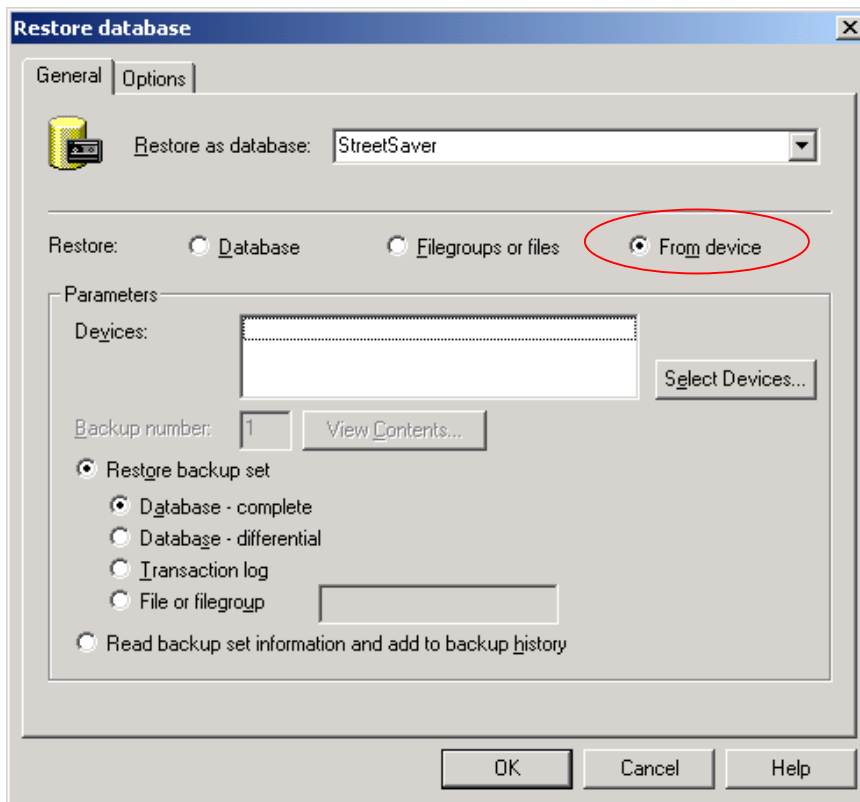
## Restore Backup Database From Device

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**.

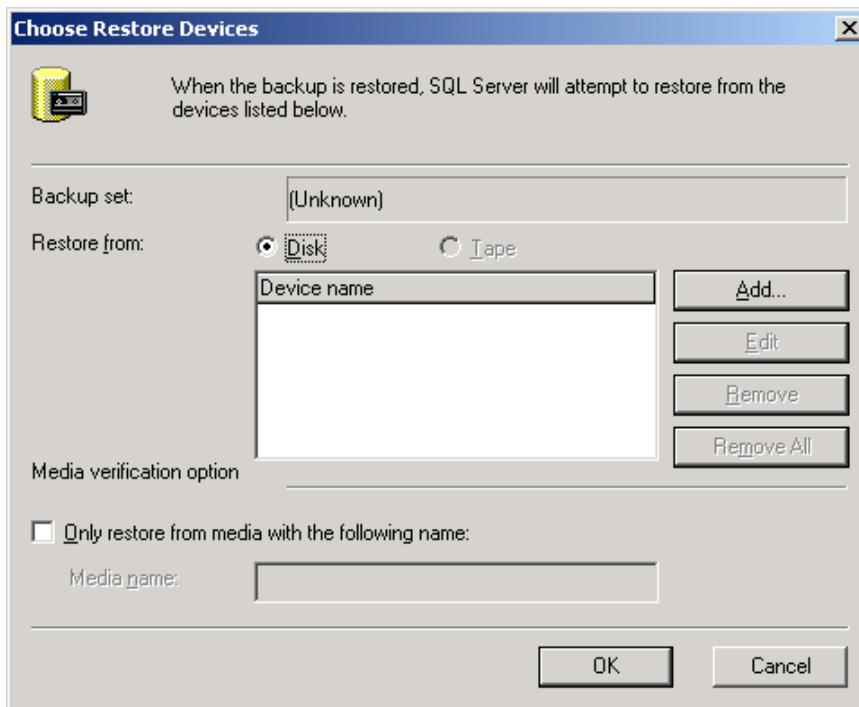
### **IMPORTANT:**

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



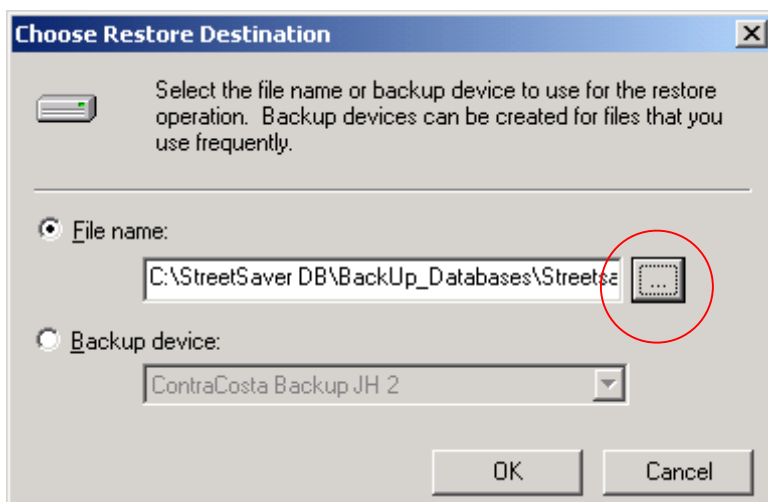
**Figure 4-19a:**  
**Restore Database - From Device**

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



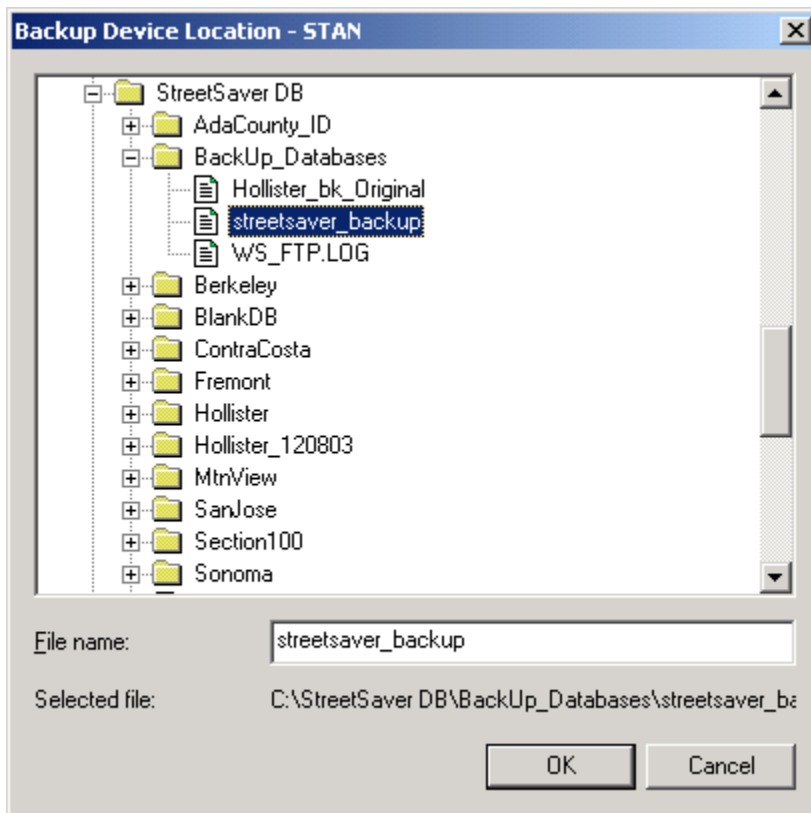
**Figure 4-19b:**  
**Choose Restore Devices**

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



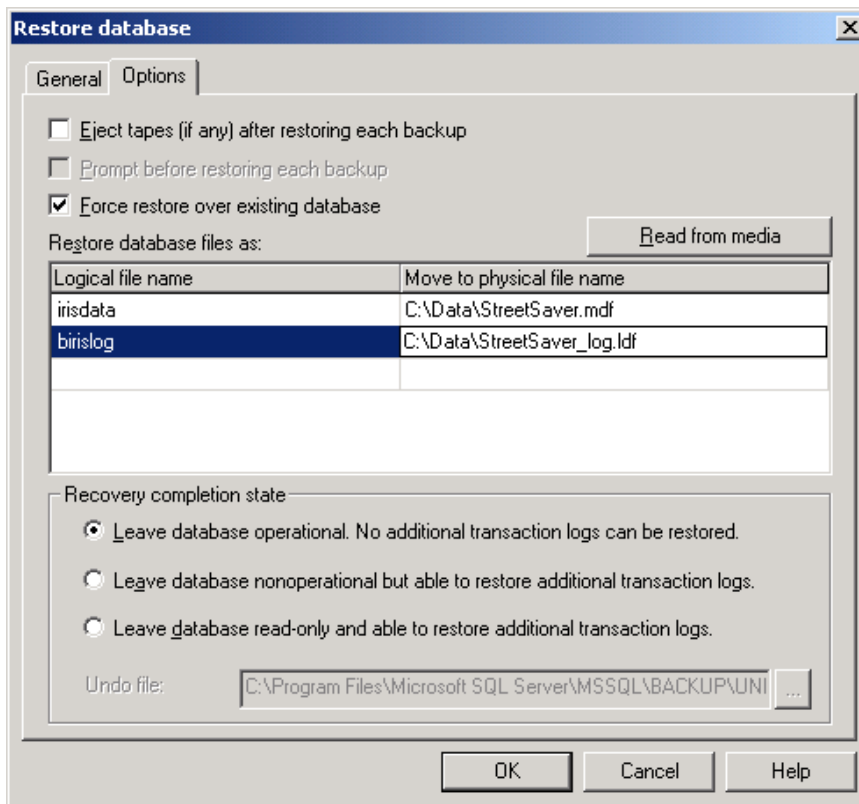
**Figure 4-19c:**  
**Choose Restore Destination**

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.



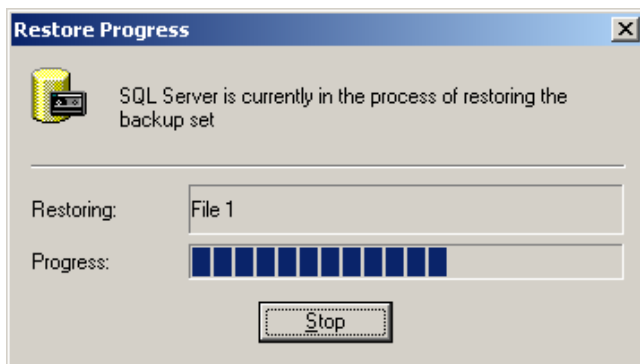
**Figure 4-19d:  
Backup Device Location**

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.

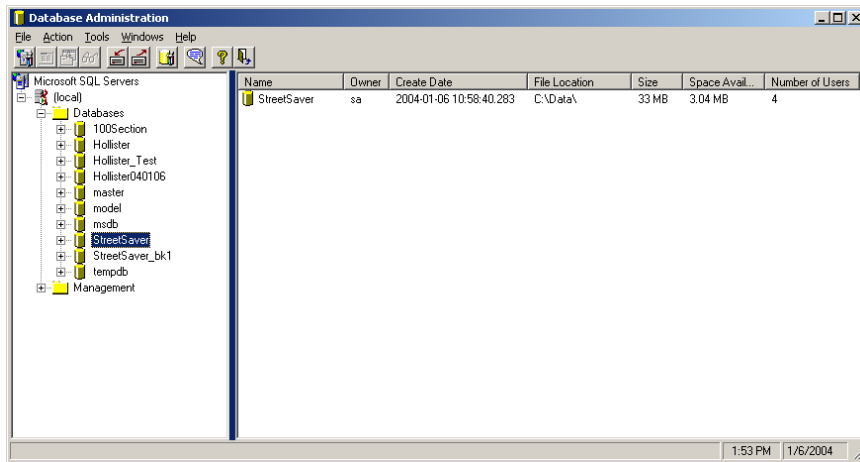


**Figure 4-19e:**  
Restore Database –  
Options Tab

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](http://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**

15. 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.

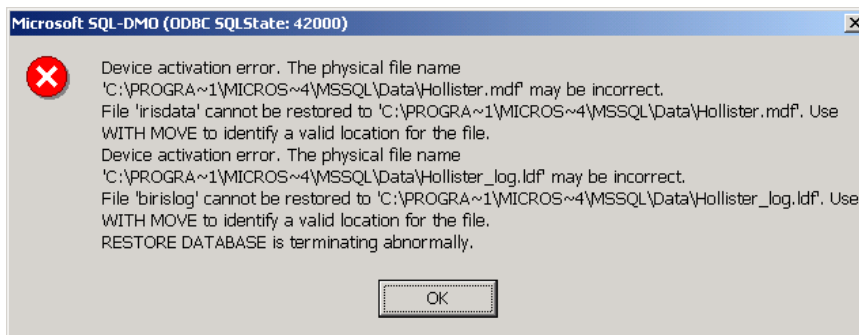


**Figure 4-19i:**  
**Remove Orphaned User**

16. 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.