

## SVRS 8.5 Release

Below are the key updates to SVRS being deployed on Saturday September 21, 2013. These updates principally include improvements to the mapping application, both in terms of expanding the tools SVRS users have to make sure voters are districted properly and fine-tuning some existing tools. Some other minor glitches have also been addressed, many of which were reported by clerks.

Clerk feedback remains vital to the betterment of SVRS. After reviewing this document or working in the updated SVRS, if you have questions, please call the G.A.B. Help Desk at 608-261-2018.

### District Combos Grid Updates

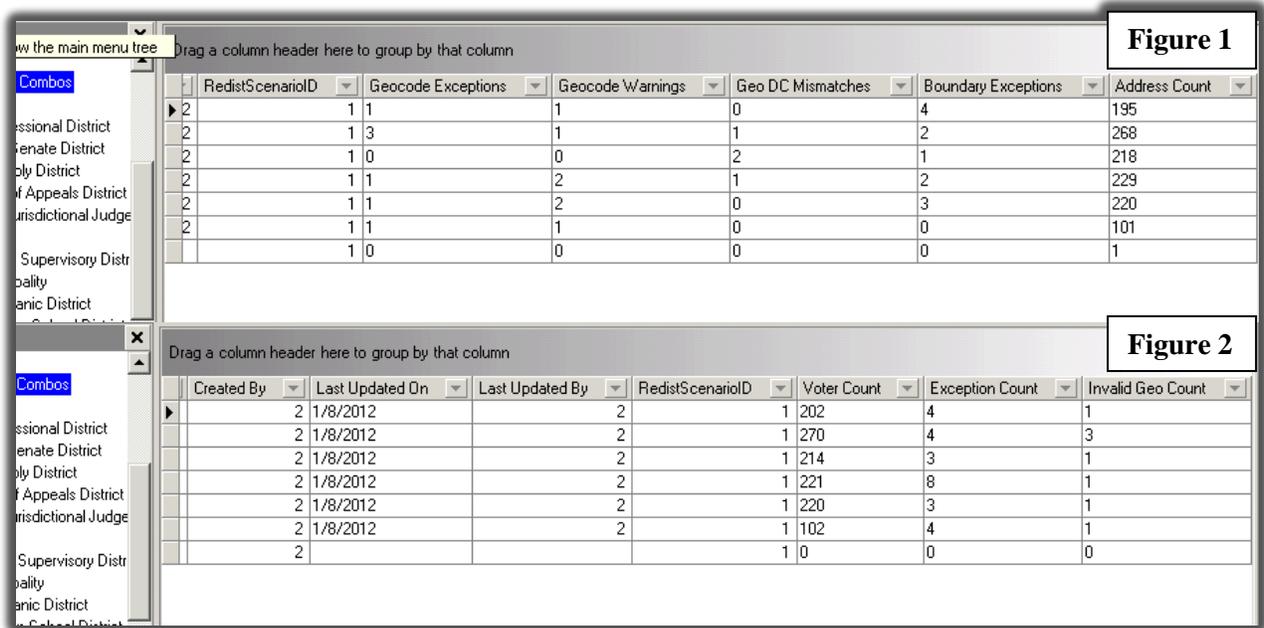
The district combo grid has been updated and expanded to include two new data quality counts. The column titles have changed as well as the order of the columns. Scrolling all the way to the right on the district combo grid screen, you will see the order of the data quality counts from left to right now correspond with the button order on the district combo mapping toolbar. The two new data quality counts are: *Geocode Warnings* and *Geo DC Mismatches*. Other column titles have been renamed with the following:

- Invalid Geo Count → Geocode Exceptions
- Exception Count → Boundary Exceptions
- Voter Count → Address Count

Note: Figure 1 displays the new district combo grid counts and figure 2 is how the district combo grid counts used to be. For complete definitions of these and the two new data quality issues see page 4.

The way in which boundary exceptions are counted in the district combo grid has been updated as well. Previously, boundary exceptions would be counted in the DC (district combo) grid for the district combo they are assigned to and the district combo(s) for which they border. This gave a false representation of the actual number of boundary exceptions, making the counts appear as though there were twice as many boundary exceptions than there actually were. We have updated the boundary exception count to only include boundary exceptions within that particular district combo.

A very beneficial change to the district combo grid now allows for the exception counts to be updated much more rapidly. When a user corrects a pin (e.g. a boundary exception or a geocode warning) on the DC map, the count reflected on the grid will also update almost immediately. The user simply needs to refresh the district combo grid after making corrections to see the updated exception counts. (The grid can be refreshed by leaving the District Combo grid and then returning to it or by clicking on the Refresh button. Previously, the user would have to wait at least an hour before the DC grid would update with the changes they made in a DC map.



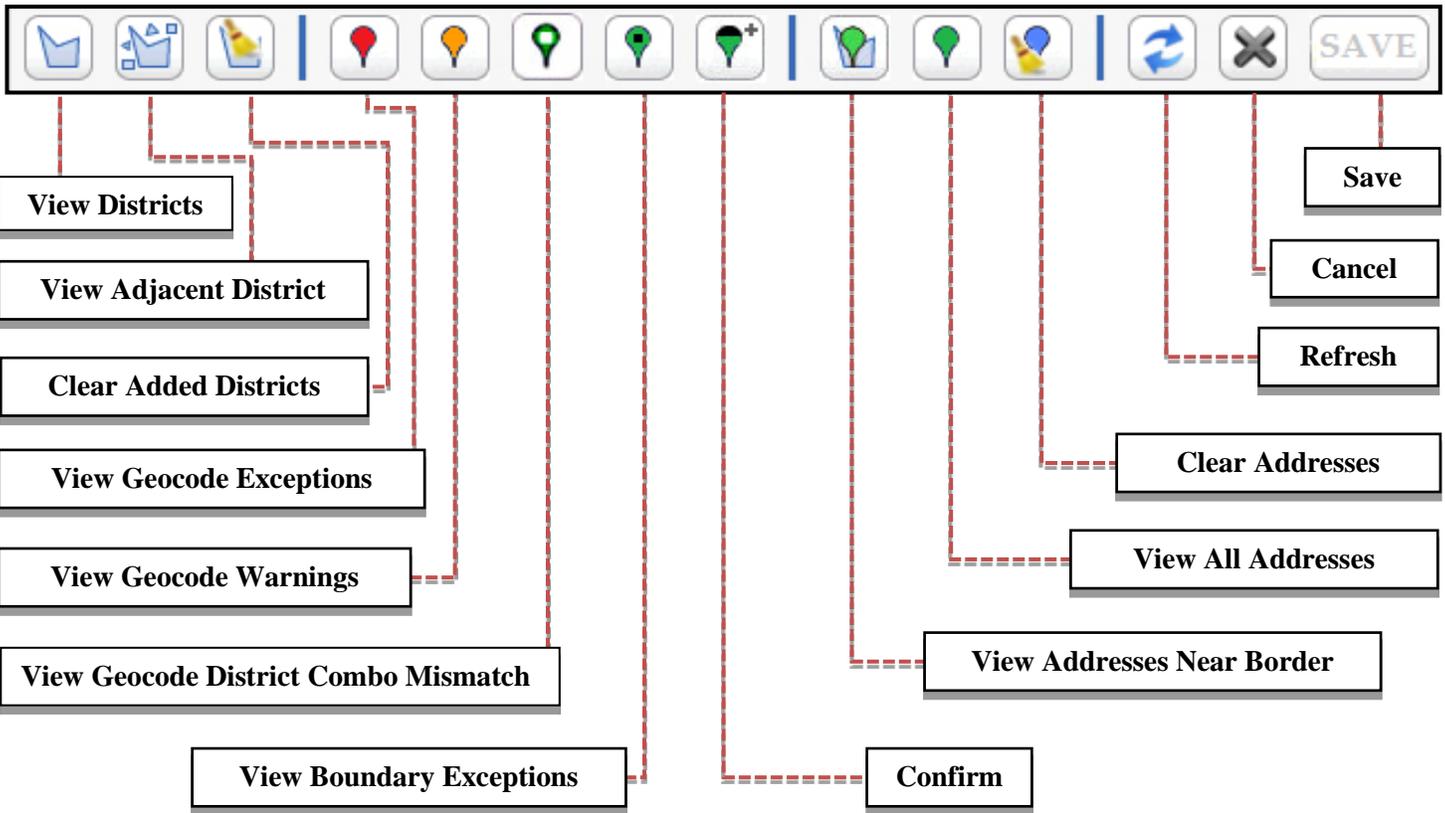
## District Combo Mapping Features

When a user views the mapping screen for a district combo (by double-clicking on the district combo in the grid, and going to the Mapping tab) the user will notice a number of updates to the mapping toolbar. Several non-functioning buttons have been removed and two brand new buttons have been added to correspond to the new DC counts. The button order for mapping data quality issues matches the order of the mapping data quality columns on the DC grid.

The pin button symbols now match the pins that will be displayed on the map when that button is selected. For example, when you click on the button with the orange pin to view geocode warnings, the pins that will appear on the map will be orange warning pins.

The functionality of the confirm button has been made consistent for all data quality issues. Prior to the 8.5 update, the confirm button could only be used for boundary exceptions; now it can be used to confirm all exceptions. Also, for address pins that have more than one data quality issue (e.g. a pin that is both a geocode warning and a boundary exception) the user must only correct that address pin once for all issues to be resolved. Therefore if an address pin is a boundary exception as well as a geocode warning the user must only move that pin to the correct location and this will resolve the geocode warning issue as well as the boundary exception issue.

The below images display the updated mapping toolbar as well as provide an explanation of the buttons and their definitions.



A few reminders:

- A geocode is a latitude and longitude for a particular address.
- More information, such as district combo, the address and number of voters each pin represents, can be obtained by right-clicking on the pin.
- District Combination = District Combo = DC



**View Geocode Exceptions:** This button displays address pins for which there is very low confidence in the geocode. Clerks should review each geocode exception, confirming the pin is in the correct location.



**View Geocode Warnings (NEW):** This button displays address pins for which there is medium confidence in the geocode. Although there is greater confidence in the pin's location, each warning pin should also be confirmed by clerks.



**View Geocode District Combo Mismatch (NEW):** This button represents a pin assigned to one DC, but is physically located in another DC. This mismatch can be corrected in one of two ways: by physically moving the pin into the district combo that it is currently assigned to OR changing its district combo (to reflect where the pin is currently physically located) by choosing a district combo from the drop-down box (by right-clicking on the pin).



**View Boundary Exceptions:** This button shows any address pin within 164 feet of DC boundary.



**Confirm (UPDATED):** This button will confirm the location and district combo assignment of an address pin and will clear any exceptions tied to it. If the user is confident in the location of the pin and its district combo assignment, you can confirm the pin by selecting the Confirm button and then clicking on the address pins you wish to confirm. This will clear all exceptions flagged for that address. Please make sure, however, that you are confident of the location of the pin and its district combo assignment prior to confirming it!

Note: If the pin is not in the correct location, it is recommended that you actually move the pin to the correct location to clear any exceptions, rather than using the Confirm button.



**View Addresses Near Border (UPDATED):** This button continues to displays all address pins near a DC border, including all addresses that have been confirmed (these will appear as solid green pins and will no longer display a check mark) and current boundary exceptions (green pins with dots, as seen above).



**View All Addresses:** This button displays all address pins assigned to the current DC. It will display pins in their current condition, meaning, for example, if there are geocode warnings and geocode exceptions, you will see orange and red pins.



**Clear Voters:** This button clears the display of any voter address pins.



**Refresh:** This button refreshes the entire map display.



**Cancel:** This button is used to cancel any mistakes or the accidental moving of any pin. This will clear any changes not saved.



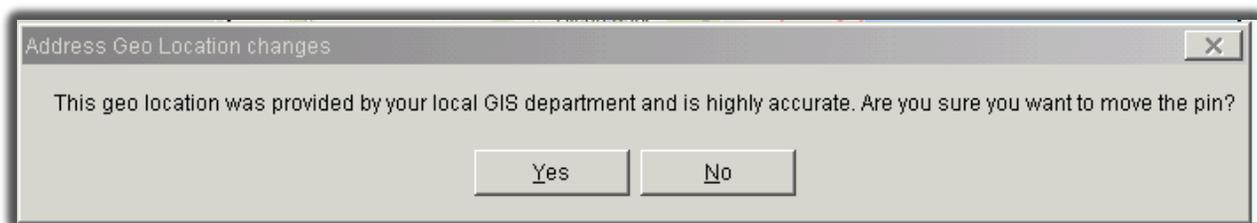
**Save:** This button is used to save any changes made within the district combo mapping screen. This button must be hit in order to permanently save any changes made on the DC map screen.

## Voter Address Information Updates

There are a number of different updates to the voter address information. Some of these will be more obvious than others.

### Address/ Geocode ID Log

We have added a feature to notify the user if they are moving an address pin within the voter map for an address that has had its geo location provided by a local GIS department. As local GIS address information is generally more accurate, we wanted to make sure that users were notified when updating an address pin that has had its location provided by a local GIS department. Of course the user can still move these address pins but moving them prompts the following message below:



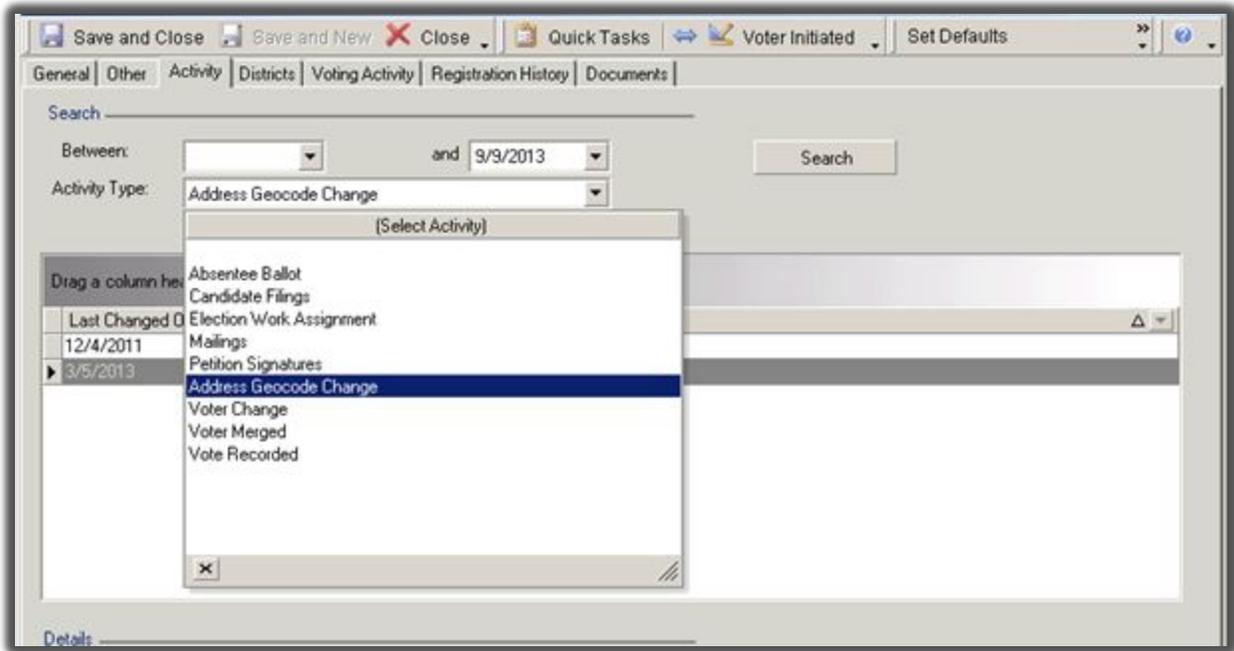
While this will only be currently noticeable to very few municipalities, we expect more address information to be obtained from local GIS departments in the future.

### Activity tab updates & Registration History logging

Voter records have multiple tabs, including the *Activity tab* and the *Registration History tab* which record various activities associated with the voter, including geographic changes. We have added a new Activity Type to the Activity tab in the voter record called: Address Geocode Change. This activity type logs anytime this address is physically moved either within the DC map or within the voter map, and lists who made the change.

If a user changes the district combo for a given address, this will be logged on the registration history tab for any voters who live at that address.

These updates importantly allow SVRS users, such as clerks as well as SVRS program staff at the G.A.B. to more easily track changes affecting addresses and ultimately voters.



## Updated Reports

### Reconciliation Report

The GAB-190 Reconciliation Report has been renamed. This report used to be called *Election Voting and Registration Statistics (GAB-190)* and has been renamed to *GAB-190 Reconciliation Report*. The report can now be more easily scheduled to run for larger municipalities. Because it is generated per reporting unit, it contains helpful information (as long as the information has been recorded in SVRS!) to fill out the GAB-190 electronic report in WEDCS.

### Mapping Data Quality Reports

Two new reports have been added to SVRS: *Geocode Warnings & Geocode District Combo Mismatches*. Two existing data quality reports (*Geocode Exceptions & Boundary Exceptions*) they have been reformatted to better display the relevant information.

However, it is highly recommended to only use Mapping Data Quality Reports if you are a Provider for multiple municipalities or if you would like to verify that the specific voter details are accurately represented. It is much more efficient to use the district combo map to verify the different mapping data quality issues. By using the mapping screen as well as external sources (e.g. County GIS websites) you can better determine where a specific address pin should correctly be placed.

### **Notice to Permanent Absentee Mailing**

This mailing has been updated. It now contains more uniform font; the voter's name is printed on the return portion of the mailing; and it is formatted to fit in a size 10 window envelope. A defect – which was causing the mailing to print duplicate letters for some voters in the batch – has also been corrected.

### **Absentee Application, the Vote Location field**

The Vote Location field on a new Absentee Application defaults to Via Mail. Previously, when users changed this field (e.g. to Clerks Office), upon using the Quick Task to process the application, the Vote Location would sometimes revert back to Via Mail. This bug has been corrected. Now, this field will keep the selected Vote Location.