

CASGEM Release Notes for Release 5

Below is a list of items that have been fixed or added as new functionality to the CASGEM system that were implemented on 06/08/2016.

Item 1

Item ID: GIS System Upgrade Fixes

Category: Modified CASGEM system functionality.

Users affected: **Monitoring Entity, DWR, and Public users** of CASGEM.

Description of new functionality: The Geographical Information System (GIS) in CASGEM, also known as the “Map Viewer”, was upgraded during our last release on 5/25/2016. There were a few minor fixes that needed to be implemented with this release. Those items are as follows:

- The Hydrographs in the Map Viewer have been modified so null values are no longer displayed as zeros.
- The system has been modified so there are no timeout issues when generating Hydrographs.
- The system has been modified so the login timeout pop-up displays in the Map Viewer.
- The system has been modified so the “Clear” button on the search pane clears text entry fields on the search pane.
- The system has been modified so the “Locate Address” function works correctly.
- The system has been modified so that no “Secure Content” pop-up is generated in Microsoft Internet Explorer (IE) – A secure content warning pop-up bar was appearing in the bottom of the IE window when loading the map viewer in IE.

Item 2

Item ID: US1097

Description: Maintain well basin when a monitoring entity associates with a well.

Category: New/Modified CASGEM system functionality.

Users affected: **Monitoring Entity users and DWR users** of CASGEM.

Description of new/modified functionality: This release fixes the issue where the basin assignment for a well disappears when another organization associates with that well. This causes the connection between the well and the monitoring notification to be lost. To fix this issue, the following functionality has been added to CASGEM and are present on the Well Details page:

Monitoring Plan: Add/Review Wells

<h3>Identification</h3> <p>Local Well Designation * <input type="text" value="03N07E28R01"/></p> <p>Is Local Designation the same as State Well #? <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>State Well Number <input type="text" value="03N07E28R001S"/></p> <p>Master Site Code 343100N1162516W001</p> <p>Data submittals for this well are under * <input type="radio"/> CASGEM <input checked="" type="radio"/> Voluntary</p>	<h3>Geography</h3> <p>Latitude * <input type="text" value="34.309998"/> North</p> <p>Longitude * <input type="text" value="-116.250845"/> West View on Map</p> <p>Method * <input type="text" value="USGS quad"/></p> <p>Accuracy * <input type="text" value="150 ft."/></p> <p>Primary Well Org Mojave Water Agency</p> <p>Basin Lookup ? <input type="text" value="7-13.02-Surprise Spring (Whole Basin)"/></p> <p>County * <input type="text" value="San Bernardino"/></p>																																	
<h3>Reference and Ground Surface</h3> <p>RP Elevation * <input type="text" value="2,511.34"/> ft.</p> <p>Description * <input type="text" value="Unknown"/></p> <p>GS Elevation * <input type="text" value="2,511.34"/> ft.</p> <p>Method * <input type="text" value="Digital Elevation Model"/></p> <p>Accuracy * <input type="text" value="10 ft."/></p> <p>Distance from RP <input type="text" value="0.00"/></p>	<h3>Well Construction</h3> <p>Completion Type * <input type="text" value="Single Well"/></p> <p>Total Depth * <input type="text" value="600"/> ft. <input type="checkbox"/> Unknown</p> <p>Do you have well construction data? <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Depth of screened interval(s)</p> <table border="1"> <thead> <tr> <th></th> <th>S1</th> <th>S2</th> <th>S3</th> <th>S4</th> <th>S5</th> <th>S6</th> <th>S7</th> <th>S8</th> <th>S9</th> <th>S10</th> </tr> </thead> <tbody> <tr> <td>Top</td> <td><input type="text"/></td> </tr> <tr> <td>Bottom</td> <td><input type="text"/></td> </tr> </tbody> </table> <p>Well completion report available? <input type="radio"/> Yes <input checked="" type="radio"/> No</p> <p>Well Completion Report # <input type="text"/></p>		S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	Top	<input type="text"/>	Bottom	<input type="text"/>																		
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<h3>Well Associations</h3> <table border="1"> <thead> <tr> <th>Dissociate</th> <th>Organization</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td>Mojave Water Agency</td> </tr> <tr> <td><input type="checkbox"/></td> <td>US Geological Survey</td> </tr> </tbody> </table>	Dissociate	Organization	<input type="checkbox"/>	Mojave Water Agency	<input type="checkbox"/>	US Geological Survey																												
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1. "Primary Well Org": The Primary Well Org was created to add a type of "ownership" to a well. The basin/basin portion that is assigned to a well is assigned to a monitoring notification and the monitoring notification is owned by a monitoring entity. That monitoring entity is the "owner" of that well and has the ability to change the well basin/basin portion or clear the basin association with that well. Other organizations will be able to associate with that well for the purpose of uploading measurements as a cooperating agency, but they will not have the ability to modify the basin associated with that well. Select DWR users will also have the ability to modify or clear the basin association to a well for administration purposes.
2. "Basin Lookup" Utility: The Basin Lookup utility was added to the well details page in order to make it simpler for users to identify which basin a well is located in based on the latitude and longitude measurements entered in the respective fields above. If the well coordinates entered are within a known basin boundary, the appropriate basin will be populated in the basin drop-down menu. If the well coordinates entered are not within the boundaries of a known basin, the system will present the following error: "These coordinates are not within a known basin."

Item 3

Item ID: US1172

Description: Create a report that allows users to search for CASGEM missing well construction data as well as all CASGEM/Voluntary well construction data.

Category: New CASGEM system functionality.

Users affected: **Monitoring Entity and DWR users** of CASGEM.

Description of new functionality: A new report has been added to CASGEM under the “Reports” tab entitled “Report of Well Construction Data”. This report allows users to search for CASGEM wells that are missing required well construction data. CASGEM wells that are considered missing required data are those that are missing Total Depth and/or top and bottom measurements for at least one screen interval. In addition to searching for missing CASGEM well data, the report offers the option to search for CASGEM *and* Voluntary wells. The report results can be filtered by either Monitoring Entity or Groundwater Basin/Subbasin Number & Name. The report will return the following data (as available) for each well in the following columns (numbered from left to right):

1. View Details – A link to the well details page will be available in this column to quickly view the details of the well.
2. Monitoring Entity – Name of the monitoring entity that includes this well in a monitoring notification.
3. Basin/Subbasin Name – Name of the basin/subbasin the well is associated with.
4. Basin Portion – Name of the basin portion the well is associated with.
5. CASGEM Well Number – The CASGEM well number for the well.
6. State Well Number – The state well number for the well.
7. Local Well Designation – The local designation for the well.
8. CASGEM/Voluntary – Specifies whether or not the well is CASGEM or Voluntary.
9. Completion Type – The construction completion type for the well.
10. Well Completion Report # – The number of the completion report for the well.
11. Total Depth – The total depth of the well.
12. Screen Interval Top & Bottom Measurements (columns 12 through 32) – The report will display the screen interval measurements, both top and bottom, for up to 10 screen intervals. The report will only display as many columns as needed to represent all screen intervals in the search results; meaning if 100 wells are returned and none of the wells have more than 4 screen intervals, only 8 columns will be displayed for the top and bottom screen interval measurements. If your search results contain wells with the maximum of 10 screen intervals, the report will expand to display those measurements.