

CASGEM Release Notes for Release 8

Below is a list of items that have been fixed or added as new functionality to the CASGEM system that were implemented with Release 8 on 08/31/2016.

**Item 1**

Item ID: US1325 – Highlight GWL measurements where RP and/or GS elevation doesn't match well details.

Category: New CASGEM system functionality.

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

Description of new CASGEM functionality: Where well GWL measurements and well GS and RP elevations are displayed in CASGEM, new highlighting functionality has been implemented. This new functionality highlights instances of wells and well measurements where the RP and GS assigned to the well do not match the RP and GS recorded in one or more of the GWL measurements. When a user places their mouse cursor over a highlighted field, a pop-up will be displayed with the details of the RP and/or GS mismatch. For DWR and ME users of CASGEM, when viewing the “Manage Wells : Groundwater Elevation Data” page, the CASGEM Well Number in the left column will be highlighted in yellow so the user knows that the highlighted well has measurements with RP and/or GS elevation readings that do not match the RP and/or GS recorded for that well on the Well Details page. Example of the highlighting on the Groundwater Elevation Data page for DWR and ME users:

Home
Notifications
Manage Wells
View Map
Reports
Administration
Public View
Sign Out

Manage Wells : Groundwater Elevation Data

**Batch Upload**

**Elevation Data Import**

Select Well Group \*

Measurement Date \*

Collecting/Co-op Agency \*

**Add Measurements**

**Latest Elevation Data**

CASGEM Well Number	CASGEM Well ID	Local Well Number	State Well Number	Date	Military Time (PST)	NM	QM	Reading @RP	Reading @WS	RP t
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>							
<a href="#">387216N1213842W001</a>	48043	Lone Oak Park	10N05E13F001M	08/05/2016	00:00			106.770	109.124	-2.35
<a href="#">350000N1210000W001</a>	[there are groundwater measurement readings that do not match the RP & GS values for this well.]				00:00			4.000	4.000	0.000
<a href="#">370000N1210000W010</a>	51587	uat10		07/31/2016	00:00			44.000	22.000	22.000
<a href="#">370000N1210000W008</a>	51585	uat8		07/21/2016	00:00			3.000	4.000	-1.000
<a href="#">367454N1217393W001</a>	50263	ESPA22636	14S02E03F004M	07/12/2016	00:00			44.000	42.000	2.000

All users of CASGEM will see the highlighting where there is a measurement mismatch on the Well Details page. The RP and/or GS will be highlighted when there are measurements for that well that have RP and/or GS readings that do not match the RP and/or GS on the Well Details page. When the RP and/or GS are highlighted on the Well Details page, a question mark button will appear. When the user clicks on this button, the system will display a message with details surrounding the mismatch between the well details and the measurements. Additionally, when the user expands the “View Elevation Data” link towards the bottom of the Well Details page, any measurements with mismatching RP and/or GS readings will be highlighted. Example of highlighting and informational pop-up on the Well Details page:

The screenshot shows the CASGEM Well Details page with a pop-up message and highlighted values. The pop-up message, titled "mrsbmweb00843.ad.water.ca.gov says:", states: "This well's RP Elevation value is highlighted because 19 of the 19 elevations readings contain a RP Elev value that is not the same as the well's RP Elevation value. To review the Elevation Readings, scroll to the bottom of this page and click on View Elevation Data. The incorrect RP Elev values will be highlighted." There is an "OK" button and a checkbox for "Prevent this page from creating additional dialogs." The main page shows the following details:

**Well Information / Well Data**

**Identification**

- Local Well Designation \* AMST22651
- Is Local Designation the same as State W
- CASGEM Well ID 50255
- State Well Number 14502E26H00
- Master Site Code 366889N1217079W001
- Data submittals for this well are under \*  CASGEM  Voluntary

**Reference and Ground Surface**

- RP Elevation \* 35.556 ft. (highlighted in yellow)
- Description \* Plug in cap on top of casing
- GS Elevation \* 37.778 ft. (highlighted in yellow)
- Method \* USGS quad
- Accuracy \* 5 ft.
- Distance from RP -2.22

**Well Use**

- Well Use \* Observation
- Well Status \* Inactive

**Well Construction**

- Method \* GPS
- Accuracy \* 10 ft.
- Primary Well Org Monterey County Water Resources Agency
- Basin Lookup \* 3-4.01-180/400 Foot Aquifer (Whole Basin)
- County \* Monterey
- Completion Type \* Single Well
- Total Depth \* 339 ft.  Unknown
- Do you have well construction data?  Yes  No
- Depth of screened interval(s)

	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10
Top	287.00									
Bottom	337.00									

- Well completion report available?  Yes  No
- Well Completion Report # e011403

Example of highlighting of measurements on the Well Details page when expanding the “View Elevation Data” link:

[View Hydrograph](#)

[View Elevation Data](#)

Date	Military Time (PST)	NM	QM	Reading @RP	Reading @WS	RP to WS	RP Elev	GS Elev	WSE	GS to WS	Measurement Method	Measurement Accuracy	Co-
10/08/2015	00:00			62.310	0.000	62.310	35.000	35.400	-27.310	62.710	ES	0.1 Ft	Mo Wa Age
08/13/2015	00:00	7					35.000	35.400					Mo Wa Age
03/16/2015	00:00	7					35.000	35.400					Mo Wa Age
08/15/2014	12:00			73.150	0.000	73.150	35.000	35.400	-38.150	73.550	TR	0.1 Ft	Mo Wa Age
03/15/2014	12:00			42.760	0.000	42.760	35.000	35.400	-7.760	43.160	TR	0.1 Ft	Mo Wa Age

This RP Elev value of 35.000 does not match this well's RP Elevation value of 35.556

## Item 2

Item ID: US1322

Description: Fix missing zip code error at the time of user registration.

Category: Modified CASGEM system functionality.

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

Description of modified functionality: Prior to this release, when registering a new user in CASGEM, the system would generate a non-intuitive error if the user did not include a zip code in the address entered at the time of registration. After this error was encountered, the user was unable to continue the registration process. This applies to the page entitled "Create User Profile", in the section "Address Details". The error is encountered in the pop-up "Add New Address." The system has been modified to provide an intuitive error message that allows the user to correct the error by entering a zip code and continue the registration process.

Image of page for reference:

## Create User Profile

### User Information

Username (Email) \*

Title

First Name \*

Last Name \*

### Phone Details \*at least one phone is required

 Add New Phone

Edit	Delete	Type	Phone Number
------	--------	------	--------------

No records to display.

### Address Details \*at least one address is required

 Add New Address

Edit	Delete	Type	Address
------	--------	------	---------

No records to display.

Password \*

Verify Password \*

[Password Guidelines](#)

### Challenge Information

Secret Question \*

Secret Answer \*

**Save & Proceed**

**Discard Changes**

[Back to Top](#) | [Help](#) | [Comments or Suggestions](#)