Gisaf - Feature #3803

Dry Wells

22/03/2017 11:11 - Giulio Di Anastasio

Status:	Closed	**Start date:**	22/03/2017
Priority:	Normal	**Due date:**	
Assignee:	Philippe May	**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:	poll	**Spent time:**	1.00 hour

Description

Related issues:

Duplicates Gisaf - Feature #3790: Dry Wells	**Closed**	**18/03/2017**

History

#1 - 22/03/2017 12:08 - Giulio Di Anastasio

- Target version set to poll

- Assignee set to Philippe May

Dear Philippe,
I was thinking about the dry wells issue.
If we add a column with only YES or NOT saying if the well is dry or not, it will not sort out the problem, because it is not a dynamic value. Unless we put a condition like "if the well water level is higher than x, then there should be a sort of Red Alert saying" The well is dry!!" Still I cannot imagine how to represent in a graph something like this, maybe a text oriented in vertical shape as the graph bar, or may be with a different color. If the color might be the way, then we can possibly change the fuchsia color which is the default now, change it in blue, and keep the red for the dry well.

What do you think about all this?

I hope I am not wasting your time

Waiting for your kind revert

Thanks

Giulio

#2 - 22/03/2017 16:03 - Philippe May

2 different things: the data and the presentation.
About data: your idea of max (or, rather, min) level is interesting.

If i understood well, it could be, for example, a "depth" attribute in the well's table. If the level is more (or less) than the depth, then it means that it's dy.
Sounds promising, but with some possible issue: if the depth of the well changes, the basic logic of determining the dryness would break for the level recorded previous to that change.

=> to be discussed.

About the presentation:
- the values put in the graph are **computed** from the database, including the "dryness" logic
- its visual aspect fine tuned (to the extend of the graphic library).

In short: the presentation will come afterwards, and depends on the data design choices.

#3 - 22/03/2017 17:53 - Giulio Di Anastasio

Dear Philippe,
yes, we can use the depth data of the well to give the condition for the dry well. I should have the depth data already sorted out, I will send you tomorrow (hopefully).

About the presentation, meaning the graphics, we can see it and discuss

GREAT!

Did you see my post on weather station?

#4 - 23/03/2017 00:04 - Philippe May

If we consider that the depth of a well is fixed once for all, then it's fine.

But, if the depth might be changed (for whatever reason: more drilling, etc), then we should consider the "dry" boolean attribute, with a tick box in the interface.

For example:
- today 22/3/2017: the reading is 50m, and the depth is 50m ~~> dry.~~
tomorrow 23/3/2017: the well is drilled deeper, to 100m . The problem: the reading for the 22/3/2017 would be: there was 50m of water available in the well, which was not true.

#5 - 23/03/2017 00:05 - Philippe May

- Duplicates Feature #3790: Dry Wells added

#6 - 23/03/2017 00:05 - Philippe May

- Status changed from New to Closed