QGIS Application - Bug report \#11919
Calculation of areas in feet off by a factor of 10 in Illinois east projection
2014-12-26 04:41 PM - Doug Newcomb

| Status: | Closed |  |  |
| :--- | :--- | :--- | :--- |
| Priority: | High |  |  |
| Assignee: |  |  |  |
| Category: | Vectors |  |  |
| Affected QGIS version:2.6.1 | Regression?: | No |  |
| Operating System: |  | Easy fix?: | No |
| Pull Request or Patch slupplied: | Copied to github as \#: 20128 |  |  |
| Crashes QGIS or corrulls data: |  |  |  |

## Description

When digitizing in EPSG:3435 ( Illinois East (ftUS)) and calculating areas from the \$area value in the field calculator, the areas given are 1/10th of the true value. When digitizing the same area with the projection set to EPSG:26971 (Illinois East (meters)) the \$area measurement is the correct value. Not sure if it's an epsg problem or internal meters to feet conversion problem.

I am uploading sample polygons in each projection for the same area covering a square field a bit over 16 ha ( 40 acres).
Platform is ubuntu 14.04 using qgis 2.6.1 from the ubuntugis unstable ppa

History
\#1-2014-12-26 05:15 PM - Doug Newcomb

WMS service for background imagery to see field digitized http://gis.apfo.usda.gov/arcgis/services/NAIP/Illinois_2014_1m_NC/ImageServer/WMSServer
\#2-2014-12-26 05:17 PM - Doug Newcomb

Using area calculation measurement tool in toolbar gives correct area in meters.
\#3-2014-12-29 09:06 AM - Giovanni Manghi

- Operating System deleted (Ubuntu Linux 64 bit)
- Category changed from Attribute table to Vectors
- Status changed from Open to Feedback
- OS version deleted (14.04)
it seems to me that this issue is duplicate of \#10966, please leave feedback.


## \#4-2015-05-10 02:25 AM - Giovanni Manghi

- Resolution set to duplicate
- Status changed from Feedback to Closed


## Files

| bch2.zip | 1.62 KB | $2014-12-26$ |
| :--- | :--- | :--- |
| BCH3_meters.zip | 1.63 KB | $2014-12-26$ |

