

## QGIS Application - Bug report #21354

### SAGA Difference wrong result

2019-02-22 07:30 PM - Lene Fischer

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Processing/SAGA	
<b>Affected QGIS version:</b>	3.5(master)	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> up/downstream
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 29172
<b>Description</b>		
<p>Hi</p> <p>Using SAGA Difference in processing I try to create a new layer with the result as a difference between the two layers.</p> <p>It gives a 'strange' result.</p> <p>I have controlled for illegale geom, overlap and duplicates - OK</p> <p>If I use select by location the result is correct.</p> <p>Data added in Geopackage</p>		

#### History

##### #1 - 2019-02-22 08:26 PM - Nyall Dawson

- Resolution set to up/downstream
- Status changed from Open to Closed

This bug is in saga itself - use the native QGIS difference tool instead, it's well tested, faster, and more robust.

##### #2 - 2019-03-04 01:00 PM - Pedro Venâncio

- File test\_saga\_720.jpg added
- File test\_saga\_232.jpg added

This seems a bug in SAGA version 2.3.2, used by QGIS.

I've just tested Difference algorithm with Lene dataset in native SAGA 2.3.2 and 7.2.0, and 2.3.2 gives the problem described, but 7.2.0 gives the correct result, as you can see in the images attached.

#### Files

test.gpkg	500 KB	2019-02-22	Lene Fischer
test_saga_232.jpg	552 KB	2019-03-04	Pedro Venâncio
test_saga_720.jpg	509 KB	2019-03-04	Pedro Venâncio