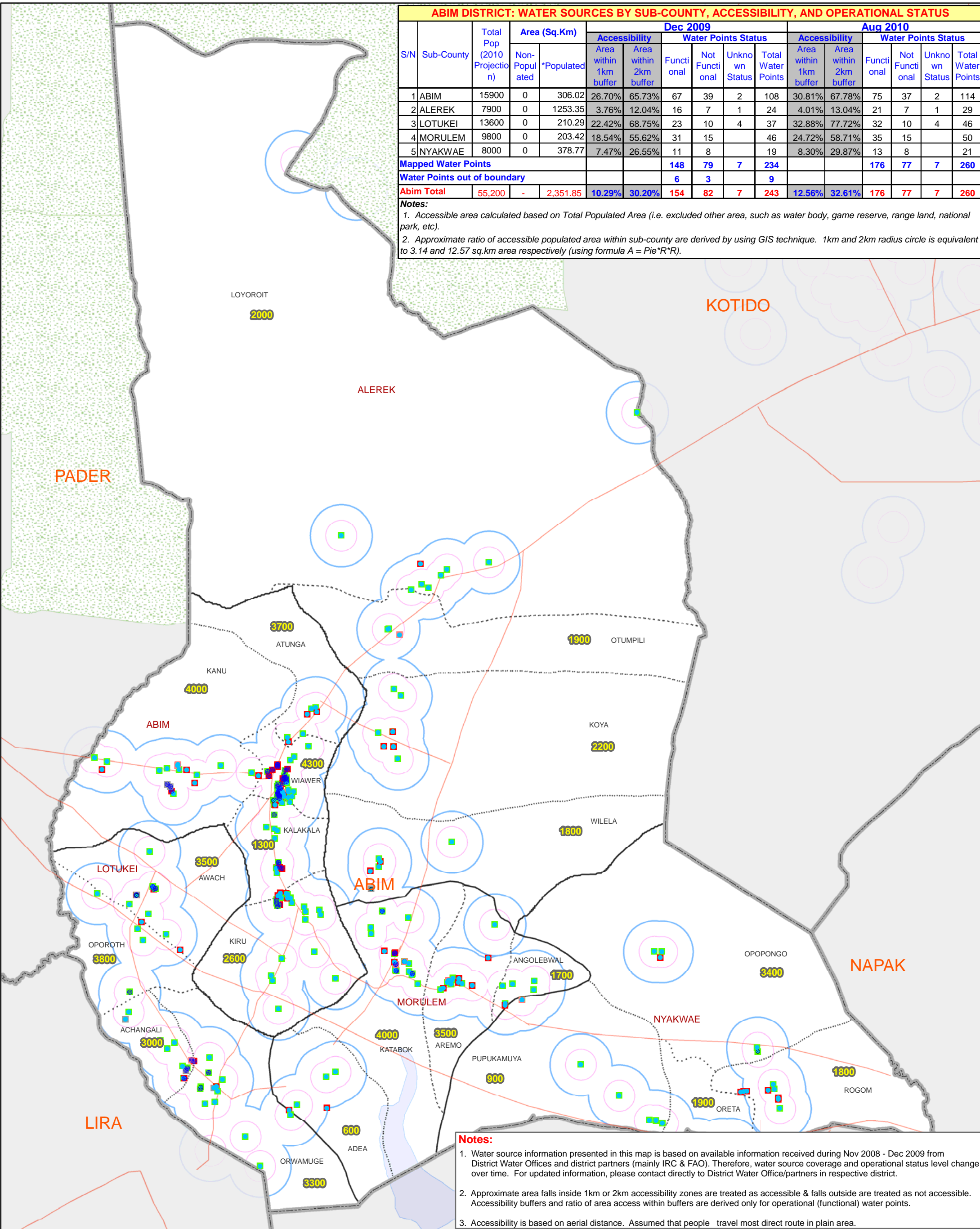
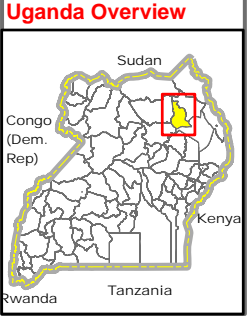


ABIM DISTRICT: WATER SOURCES BY SUB-COUNTY, ACCESSIBILITY, AND OPERATIONAL STATUS																	
S/N	Sub-County	Total Pop (2010 Projection)	Area (Sq.Km)		Dec 2009					Aug 2010							
			Non-Populated	*Populated	Accessibility		Water Points Status			Accessibility		Water Points Status					
					Area within 1km buffer	Area within 2km buffer	Functional	Not Functional	Unknown Status	Total Water Points	Area within 1km buffer	Area within 2km buffer	Functional	Not Functional	Unknown Status	Total Water Points	
1	ABIM	15900	0	306.02	26.70%	65.73%	67	39	2	108	30.81%	67.78%	75	37	2	114	
2	ALEREK	7900	0	1253.35	3.76%	12.04%	16	7	1	24	4.01%	13.04%	21	7	1	29	
3	LOTUKEI	13600	0	210.29	22.42%	68.75%	23	10	4	37	32.88%	77.72%	32	10	4	46	
4	MORULEM	9800	0	203.42	18.54%	55.62%	31	15		46	24.72%	58.71%	35	15		50	
5	NYAKWAE	8000	0	378.77	7.47%	26.55%	11	8		19	8.30%	29.87%	13	8		21	
<b>Mapped Water Points</b>							<b>148</b>	<b>79</b>	<b>7</b>	<b>234</b>			<b>176</b>	<b>77</b>	<b>7</b>	<b>260</b>	
<b>Water Points out of boundary</b>							<b>6</b>	<b>3</b>		<b>9</b>							
<b>Abim Total</b>		<b>55,200</b>	<b>-</b>	<b>2,351.85</b>	<b>10.29%</b>	<b>30.20%</b>	<b>154</b>	<b>82</b>	<b>7</b>	<b>243</b>	<b>12.56%</b>	<b>32.61%</b>	<b>176</b>	<b>77</b>	<b>7</b>	<b>260</b>	

**Notes:**  
 1. Accessible area calculated based on Total Populated Area (i.e. excluded other area, such as water body, game reserve, range land, national park, etc).  
 2. Approximate ratio of accessible populated area within sub-county are derived by using GIS technique. 1km and 2km radius circle is equivalent to 3.14 and 12.57 sq.km area respectively (using formula  $A = \text{Pie} \cdot R^2$ ).



**Notes:**  
 1. Water source information presented in this map is based on available information received during Nov 2008 - Dec 2009 from District Water Offices and district partners (mainly IRC & FAO). Therefore, water source coverage and operational status level change over time. For updated information, please contact directly to District Water Office/partners in respective district.  
 2. Approximate area falls inside 1km or 2km accessibility zones are treated as accessible & falls outside are treated as not accessible. Accessibility buffers and ratio of area access within buffers are derived only for operational (functional) water points.  
 3. Accessibility is based on aerial distance. Assumed that people travel most direct route in plain area.



**Legend**

<b>Water Source Type</b>	<b>Operational Status</b>	<b>Boundary</b>	<b>Landuse Type</b>
● Boreholes (186 Nos.)	■ Functional (176 Nos.)	▭ National Boundary	▨ Forest Reserve
● Shallow Well (68 Nos.)	■ Temporary down (10 Nos.)	▭ District Boundary	▨ Game Reserve
● Protected Spring (6 Nos.)	■ Non-functional (67 Nos.)	▭ Sub-County Boundary	▨ National Park
● 999 Projected Population 2010	■ Unknown (7 Nos.)	▭ Parish Boundary	▨ Rangeland
		▭ Motorable Road	▨ Lakes/Water Body
		○ 2 km Access Buffers	
		○ 1 km Access Buffers	

**Data Sources:**  
 Admin Boundaries - UBOS 2006  
 Landuse - UBOS 2006  
 Demography - UBOS Projected Population  
 Road Network - FAO, District Partners, UNOCHA  
 Thematic - GOAL/DWO/Partners, Aug - Nov 09  
 (Updates by DWO as of Aug 2010)

**Map Disclaimer:**  
 The boundaries and names shown on this map do not imply official endorsement or acceptance by the United Nations.

**Scale:** 0 2.5 5 10 Kilometers

**Draft**

Map Prepare: 30 Aug, 2010 (IMU/UNOCHA, Kampala)  
 File: UG-WASH-50\_A3\_30Aug2010\_Abim District Water Sources by Operational Status & Accessibility.mxd (nk)

This map is a work in progress. Please contact the IMU/Ocha as soon as possible with any corrections.