

**Source Water Assessment Program (SWAP) Results**

**When You Turn on Your Tap,**

**Consider the Source**

Our source water is groundwater. ONWASA has 14 wells located throughout the county, which draw from the Black Creek Aquifer. The water provided by the treatment plants in Hubert and Dixon draw water from 22 wells in the Castle Hayne Aquifer.

The North Carolina Department of Environment and Natural resources, Public Water Supply Section, Source Water Assessment Program conducted assessments for all drinking water sources across North Carolina. The purpose was to determine the **susceptibility** of each water source to **Potential Contaminant Sources** (PCSs). The relative susceptibility rating of each source was determined by combining the contaminant rating (number of PCSs within the assessment area) and the inherent vulnerability rating (characteristics or existing conditions of the well and its delineated area). Our Source Water Assessment Program (SWAP) assigned a Susceptibility Rating of Higher, Moderate or Lower. The Susceptibility Rating is the well's **potential for contamination**. 18 wells had a lower rating and 18 wells had a moderate rating.

ONWASA's report may be viewed in entirety by accessing the following site:  
<http://www.swap.ncwater.org/website/swap/GetPWSNameForm.asp>.

and entering **Onslow Wtr and Sewer Authority** when prompted.

These results may differ from the CCR as PWS Section periodically updates the website..

It is important to understand that a susceptibility rating of "higher" **does not** imply poor water quality, only the systems' potential to become contaminated by PCS's in the assessment area.

Questions concerning the SWAP report can be addressed by phone to the Source Water Assessment staff at 919-707-9098.

Source Name	Susceptibility Rating	SWAP Report Date
Well 1	Lower	June, 2014
Well 2	Lower	June, 2014
Well 4	Moderate	June, 2014
Well 5	Moderate	June, 2014
Well 6	Lower	June, 2014
Well 7	Lower	June, 2014
Well 8	Lower	June, 2014
Well 9	Moderate	June, 2014
Well 10	Moderate	June, 2014
Well 11	Moderate	June, 2014
Well 12	Lower	June, 2014
Well 13	Lower	June, 2014
R2	Lower	June, 2014
R3	Lower	June, 2014
Dixon 1	Lower	June, 2014
Dixon 2	Lower	June, 2014
Dixon 3	Lower	June, 2014
Dixon 5	Lower	June, 2014
Dixon 6	Lower	June, 2014
Dixon 7	Lower	June, 2014
Dixon 8	Moderate	June, 2014
Dixon 9	Moderate	June, 2014
Hubert 1	Moderate	June, 2014
Hubert 2	Moderate	June, 2014
Hubert 3	Moderate	June, 2014
Hubert 4	Moderate	June, 2014
Hubert 6	Moderate	June, 2014
Hubert 7	Lower	June, 2014
Hubert 8	Moderate	June, 2014
Hubert 9	Lower	June, 2014
Hubert 10	Moderate	June, 2014
Hubert 11	Moderate	June, 2014
Hubert 12	Moderate	June, 2014
Hubert 13	Moderate	June, 2014
Hubert 14	Lower	June, 2014
Hubert 15	Moderate	June, 2014