

# Eastern Virginia (Coastal Plain) Ground Water Management Area

## GROUNDWATER WITHDRAWAL PERMIT SUMMARY 2013

This map summarizes systems with active groundwater withdrawal permits in the Eastern Virginia Ground Water Management Area.

Permit Count	Permit Activity
168	Total permits
160 *	Active Permit - Issued
3	Certificate of Groundwater Rights
5	Active Permit - Pending Issuance

\*Includes 3 systems with unrestricted withdrawals and one system with Certificate.

Source Aquifer	Water Use Category	Permit Count	Total Permitted Withdrawals (MGD)
Columbia	Irrigation	2	0.091
	Irrigation	1	unrestricted (Navy)
	Dewatering	1	0.233
Columbia & Yorktown-Eastover	Public Water System	1	0.334
	Public Water System	1	unrestricted (Navy)
	Irrigation	3	0.268
Yorktown-Eastover	Public Water System	1	0.116
	Industrial	8	0.256
	Agriculture	3	0.411
	Irrigation	5	0.252
	Irrigation	1	unrestricted (Navy)
Piney Point	Public Water System	11	0.913
Chickahominy & Piney Point	Industrial	1	0.059
Aquia	Public Water System	1	0.097
Virginia Beach	Public Water System	2	0.168
Potomac	Public Water System	85	72.867
	Industrial	19	71.156
	Commercial	3	2.105
	Agriculture	13	0.646
	Irrigation	4	0.438
<b>Total:</b>		<b>166</b>	<b>150.412</b>

**Legend** "System" refers to wells and distribution lines associated with each groundwater permit. Locations are generalized for map scale.

### Systems with Groundwater Withdrawal Permits

- ▲ Systems with unrestricted withdrawals (U.S. Navy)
- Active Permit - Issued
- Certificate of Groundwater Rights
- Active Permit - Pending Issuance

### Jurisdictional Boundaries

- ▭ Eastern Virginia Ground Water Management Area
- ▭ Hampton Roads Localities

Note: Expansion of the Eastern Virginia Ground Water Management Area includes the counties of Essex, Gloucester, King George, King and Queen, Lancaster, Mathews, Middlesex, Northumberland, Richmond, and Westmoreland and the areas of Arlington, Caroline, Fairfax, Prince William, Spotsylvania, and Stafford counties east of Interstate 95 (amendments to 9VAC25-600, effective 1/1/2014).

Map created by HRPDC staff (December 2013).

Source: Virginia DEQ Groundwater Permit Database (GWPermitv3 software, backend copy October 30, 2013); Data was extracted and classified by HRPDC staff and includes permit activity through the September 12, 2013 action to modify GW0042700 (Town of Windsor).

