

# DRAFT

## Battlefield Golf Club July Site Preliminary Test Results\*

\*Please note, these results were taken from three on-site groundwater monitoring wells and are not surface water results. All measurements for standards and results are measured in parts per billion.

Constituent	Municipal Drinking Water Standards (PPB)	VA Groundwater Standards (PPB)	Tested Levels @ Golf course (PPB)
Arsenic	10	50	82 <sup>a</sup>
Chromium	100	50	240 <sup>a</sup>
Lead	15	50	84.2 <sup>a</sup>
Beryllium	4	No standard	5.2 <sup>b</sup>
Vanadium	No standard	No standard	304 <sup>a</sup>
Aluminum	50 – 200 <sup>d</sup>	No standard	105,300 <sup>a</sup>
Iron	300 <sup>d</sup>	300 <sup>c</sup>	187,000 <sup>a</sup>
Manganese	50 <sup>d</sup>	50 <sup>c</sup>	1396 <sup>a</sup>
Zinc	5000 <sup>d</sup>	602	602 <sup>a</sup>
Mercury	2	.05	.26 <sup>a</sup>

<sup>a</sup> Average of the results from three wells

<sup>b</sup> Result of only one well of three

<sup>c</sup> Per 9 VAC 25-280-60 – These groundwater quality criteria apply primarily to groundwater constituents that occur naturally. Since natural groundwater quality can vary greatly from area to area for these constituents, enforceable standards were not adopted. These criteria are intended to provide guidance in preventing groundwater pollution. Groundwater criteria are not mandatory.

<sup>d</sup> These constituents are considered by the EPA to be Secondary contaminants to the drinking water standards and are subject to non-enforceable guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. EPA recommends secondary standards to water systems but does not require systems to comply.

### Constituent Facts:

Arsenic - <http://www.epa.gov/safewater/arsenic/basicinformation.html>

Chromium -  
[http://www.epa.gov/safewater/contaminants/dw\\_contamfs/chromium.html](http://www.epa.gov/safewater/contaminants/dw_contamfs/chromium.html)

Lead - <http://www.epa.gov/safewater/lead/index.html>

Beryllium -  
[http://www.epa.gov/safewater/contaminants/dw\\_contamfs/berylliu.html](http://www.epa.gov/safewater/contaminants/dw_contamfs/berylliu.html)