

**Table 8. Summary of Groundwater and Surface Water Analytical Results at McGhee Tyson ANGB**

Analyte						Perfluorooctanesulfonic Acid (PFOS)	Perfluorooctanoic Acid (PFOA)	PFOS+PFOA <sup>c</sup>	Perfluorobutanesulfonic Acid (PFBS)	Perfluoroheptanoic Acid (PFHpA)	Perfluorohexanesulfonic Acid (PFHxS)	Perfluorononanoic Acid (PFNA)
HA <sup>a</sup>						70	70	70	NA	NA	NA	NA
EPA RSL Tap Water <sup>b</sup>						NA	NA	NA	400,000	NA	NA	NA
PRL <sup>d</sup>	Location	Sample Identifier	Sample Date	Screened Interval (ft BGS)	Sample Type	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
<i>Groundwater</i>												
4	18-MW01	18-MW01-PRL04-01	10/09/18	NA	REG	<b>1,900 J</b>	<b>120</b>	<b>2,020 J</b>	<b>19</b>	<b>190</b>	<b>440 J</b>	<b>15</b>
5	MW7-14	MW7-14-PRL05-01	10/08/18	NA	REG	<b>160</b>	<b>9</b>	<b>169</b>	<b>9.5</b>	<b>5.9</b>	<b>120</b>	<b>1.2 J</b>
6	MW8A-08	MW8A-08-PRL06-01	10/08/18	NA	REG	<b>550 J</b>	<b>130</b>	<b>680 J</b>	<b>33</b>	<b>71</b>	<b>530 J</b>	<b>10</b>
		MW8A-08-PRL06-01D	10/08/18	NA	FD	<b>530 J</b>	<b>130</b>	<b>660 J</b>	<b>32</b>	<b>73</b>	<b>500 J</b>	<b>11</b>
	MW-TYS06-01	MW-TYS06-01-01	10/09/18	35 – 60	REG	<b>4,300 J</b>	<b>630 J</b>	<b>4,930 J</b>	<b>190 J</b>	<b>210</b>	<b>2,000 J</b>	<b>25</b>
8	MW8B-06	MW8B-06-PRL08-01	10/08/18	31.2 – 46.2	REG	<b>1,100 J</b>	<b>140</b>	<b>1,240 J</b>	<b>48</b>	<b>140</b>	<b>790 J</b>	<b>12</b>
12	MW6-04	MW6-04-PRL12-01	10/10/18	55.8 – 65.7	REG	<b>3,300 J</b>	<b>73</b>	<b>3,373 J</b>	<b>42</b>	<b>54</b>	<b>440 J</b>	<b>5.5</b>
<i>Surface Water</i>												
12	TYS12-SW1	TYS12-SW1-01	02/27/18	NA	REG	<b>760 J</b>	<b>68</b>	<b>828 J</b>	<b>35</b>	<b>60 J</b>	<b>780 J</b>	<b>11</b>

<sup>a</sup> May 2016 EPA HA for PFOS/PFOA combined.

<sup>b</sup> November 2018 EPA RSL for tap water.

<sup>c</sup> If either PFOS or PFOA is non-detect, then one-half the detection limit for that chemical is used to calculate the PFOS+PFOA value.

<sup>d</sup> PRL refers to the primary PRL associated with each well. Some wells are co-located with more than one PRL, as indicated in Table 3.

**Bold** text denotes detected concentration.

**Bold highlighted** text denotes concentration that exceeds screening criteria.

ANGB = Air National Guard Base.

BGS = Below ground surface.

EPA = U.S. Environmental Protection Agency.

FD = Field duplicate.

ft = Feet.

HA = Health advisory.

Data Qualifiers:

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

NA = Not available.

ng/L = Nanograms per liter.

PRL = Potential release location.

RSL = Regional screening level.

REG = Regular.