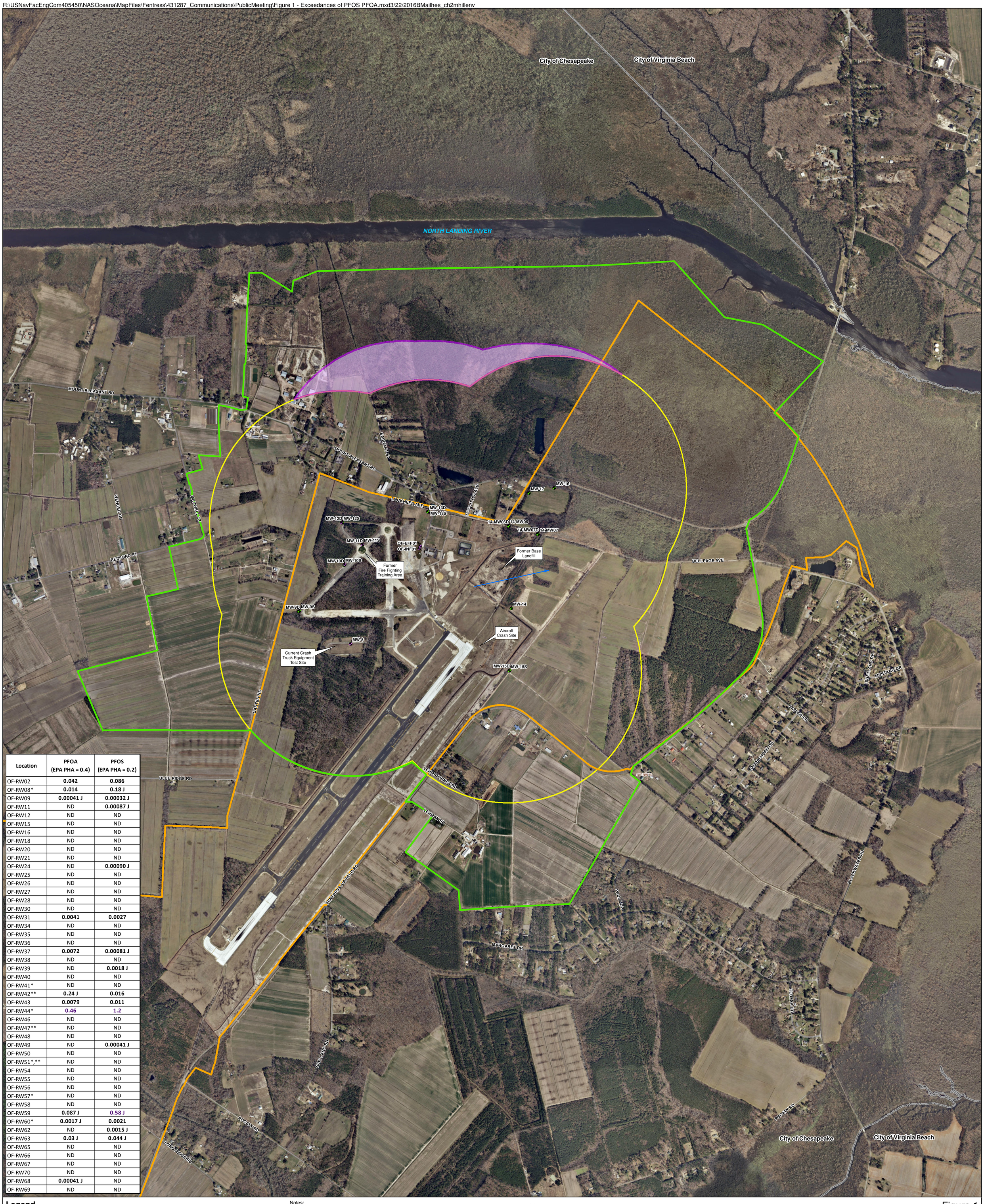
R:\USNavFacEngCom405450\NASOceana\MapFiles\Fentress\431287_Communications\PublicMeeting\Figure 1 - Exceedances of PFOS PFOA.mxd3/22/2016BMailhes_ch2mhillenv



Location	PFOA (EPA PHA = 0.4)	PFOS (EPA PHA = 0.2)
OF-RW02	**0.042**	**0.086**
OF-RW08*	**0.014**	**0.18 J**
OF-RW09	**0.00041 J**	**0.00032 J**
OF-RW11	ND	**0.00087 J**
OF-RW12	ND	ND
OF-RW15	ND	ND
OF-RW16	ND	ND
OF-RW18	ND	ND
OF-RW20	ND	ND
OF-RW21	ND	ND
OF-RW24	ND	**0.00090 J**
OF-RW25	ND	ND
OF-RW26	ND	ND
OF-RW27	ND	ND
OF-RW28	ND	ND
OF-RW30	ND	ND
OF-RW31	**0.0041**	**0.0027**
OF-RW34	ND	ND
OF-RW35	ND	ND
OF-RW36	ND	ND
OF-RW37	**0.0072**	**0.00081 J**
OF-RW38	ND	ND
OF-RW39	ND	**0.0018 J**
OF-RW40	ND	ND
OF-RW41*	ND	ND
OF-RW42**	**0.24 J**	**0.016**
OF-RW43	**0.0079**	**0.011**
OF-RW44*	**0.46**	**1.2**
OF-RW46	ND	ND
OF-RW47**	ND	ND
OF-RW48	ND	ND
OF-RW49	ND	**0.00041 J**
OF-RW50	ND	ND
OF-RW51*,**	ND	ND
OF-RW54	ND	ND
OF-RW55	ND	ND
OF-RW56	ND	ND
OF-RW57*	ND	ND
OF-RW58	ND	ND
OF-RW59	**0.087 J**	**0.58 J**
OF-RW60*	**0.0017 J**	**0.0021**
OF-RW62	ND	**0.0015 J**
OF-RW63	**0.03 J**	**0.044 J**
OF-RW65	ND	ND
OF-RW66	ND	ND
OF-RW67	ND	ND
OF-RW70	ND	ND
OF-RW68	**0.00041 J**	ND
OF-RW69	ND	ND

Legend

- Groundwater Flow Direction
- Fentress Boundary
- Extent of Property Boundary within the Designated Sample Area
- Boundary - 0.5 mile of Fentress
- Extent of Additional 0.5 mile Boundary
- City Boundary
- Location with No PHA Exceedance
- Location with PHA Exceedance

Notes:
All concentrations in ppb
*Field duplicate collected at this location; the greater result is shown
**Multiple wells sampled at this location; the greatest result is shown
Bold text indicates detections
Purple text indicates exceedance of the EPA HA
ND - Not detected
J - Analyte present. Value may or may not be accurate or precise.
PFOS - Perfluorooctanesulfonic acid
PFOA - Perfluorooctanoic acid
PHA - Provisional Health Advisory

N
W E
S

0 600 1,200
Feet

Imagery Source: ©2015 Esri

Figure 1
Exceedances of PFOS/PFOA
March 2016
NALF Fentress, Chesapeake, Virginia

ch2m