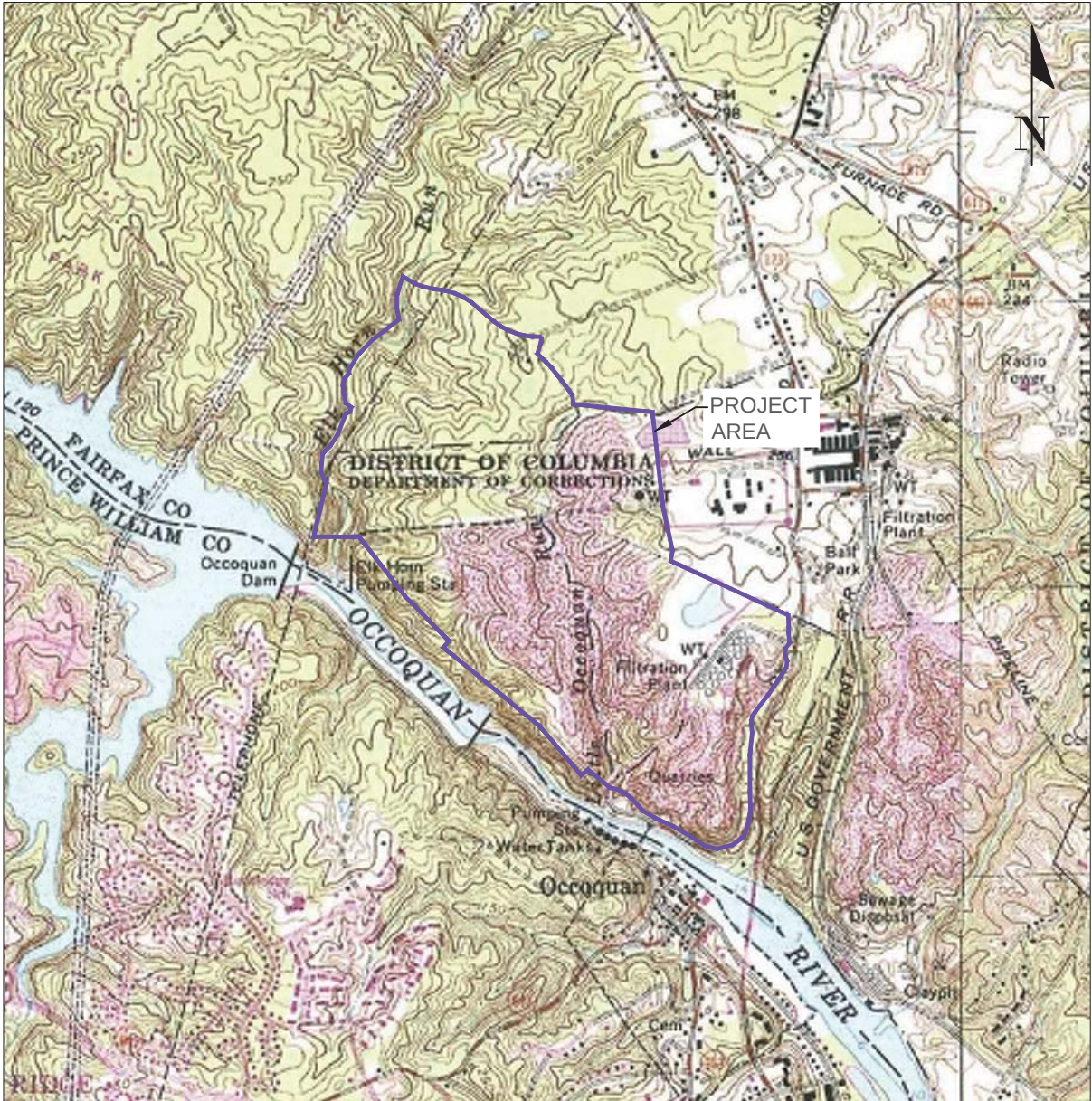
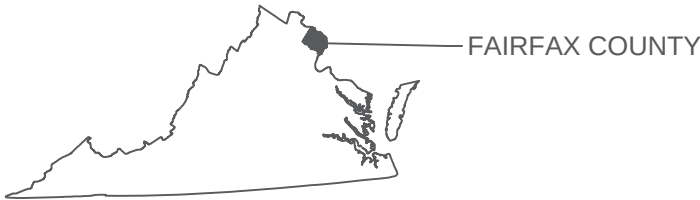




U.S.G.S. 7.5 SERIES QUADRANGLES
FORT BELVOIR, VIRGINIA 1965 (PHOTOREVISED 1983, BATHYMETRY ADDED 1982)
OCCOQUAN, VIRGINIA 1956 (PHOTOREVISED 1984)
SCALE: 1" = 2,000'



PROPOSED FAIRFAX RESERVOIR AT
GRAHAM QUARRY
VULCAN CONSTRUCTION MATERIALS

NOTE: ALL LOCATIONS ARE APPROXIMATE.

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36736.314 SHEET NO. 1 OF 1	JOB NO.	VULCAN - GRAHAM QUARRY FAIRFAX COUNTY, VIRGINIA				1" = 2000'	SCALE	CHECKED BY J. BROOKS	DESIGNED BY S. VARGO	DRAWN BY B. NORRIS	DATE 08/06/2015	DATE	REVISION DESCRIPTION
		FIGURE 1: SITE LOCATION AND TOPOGRAPHY MAP											

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LEGEND

-  PROJECT AREA
-  WETLAND BOUNDARY
-  PALUSTRINE EMERGENT WETLAND (PEM)
-  PALUSTRINE FORESTED WETLAND (PFO)
-  PALUSTRINE SCRUB/SHRUB WETLAND (PSS)
-  OPEN WATER BOUNDARY
-  PERENNIAL STREAM CHANNEL
-  INTERMITTENT STREAM CHANNEL

MINERAL RESERVE EXTRACTION
GRAHAM QUARRY
VULCAN CONSTRUCTION MATERIALS
FAIRFAX COUNTY, VIRGINIA

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VULCAN - GRAHAM QUARRY FAIRFAX COUNTY, VIRGINIA		JOB NO. 36736.31
FIGURE 2: EXISTING CONDITIONS MAP		SHEET NO. 1 OF 1
DATE 08/06/2015	DRAWN BY B. NORRIS	REVISION DESCRIPTION
DESIGNED BY S. VARGO	CHECKED BY J. BROOKS	
SCALE ****		

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Y:\B04\36736-314\Graham Quarry\ Vulcan\DWG\JPA-Figure 1_001PA-Figures 1_9_TG-BK.dwg [Plotted on 09/15/2015 9:41 AM] by Brienne Norris



LEGEND

- PROJECT AREA
- WETLAND BOUNDARY
- PALUSTRINE EMERGENT WETLAND (PEM)
- PALUSTRINE FORESTED WETLAND (PFO)
- PALUSTRINE SCRUB/SHRUB WETLAND (PSS)
- OPEN WATER BOUNDARY
- PALUSTRINE OPEN WATER (POW)
- PERENNIAL STREAM CHANNEL
- INTERMITTENT STREAM CHANNEL
- PROPOSED ACCESS ROAD
- FORESTED BUFFER PRESERVATION (PROVIDED BY VULCAN CONSTRUCTION MATERIALS)
- FORESTED BUFFER PRESERVATION (PROVIDED BY FAIRFAX WATER AUTHORITY)
- FORESTED BUFFER RESTORATION
- PROPOSED PLANT LOCATION
- OVERBURDEN STORAGE PILE
- OSP
- PHASE LINE
- PROPOSED 63' PIP
- DIVERSION DITCH (BASE FLOW)
- ENLARGEMENT AREA (SEE SUBSEQUENT FIGURES)

MINERAL RESERVE EXTRACTION
GRAHAM QUARRY
VULCAN CONSTRUCTION MATERIALS
FAIRFAX COUNTY, VIRGINIA

Area (1,2, etc.)	Activity within Wetland/Water Description*	Wetland Area		Stream Length/Area			Apprx. Vol. of Fill below OHW	Cowardin Classification of Wetland/Water (PEM, PSS, etc.)	Average Stream Flow	Drainage Area	DEQ Class. of Resource
		s.f.	a.c.	L	W	s.f.					
1	EX,NT,PE,V	14,951	0.34				0	PSS			VII
2	EX,NT,PE,V,MC	15,837	0.36				0	PFO			VII
3	EX,NT,PE,IN			1,607	12	19,284	0	R3/R4	<S	<S	III
4	EX,NT,PE,IS,V	4,710	0.11				0	PSS			VII
5	F,NT,PE,SB,IS,NV	260,610	5.98				38,600	POW			n/a
6	EX,F,NT,PE,IS,V	19,911	0.46				0	PSS			VII
Totals		316,019	7.25	1,607		19,284	38,600				

* Use all that apply: F-fill, EX-excavation, S-Structure, T-tidal, NT-non-tidal, TE-temporary, PE-permanent, PR-perennial, IN-intermittent, EP-ephemeral, SB-subaqueous bottom, DB-Dune/Beach, IS-hydrologically isolated, V-vegetated, NV-non-vegetated, MC-mechanized clearing of PFO



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REVISION DESCRIPTION

DATE

08/07/2015

DRAWN BY

B. NORRIS

DESIGNED BY

S. VARGO

CHECKED BY

J. BROOKS

SCALE

1"=350'

TIMMONS GROUP

VULCAN - GRAHAM QUARRY

FAIRFAX COUNTY, VIRGINIA

FIGURE 3: OVERVIEW OF PROPOSED PLAN AND KEY MAP

JOB NO.

36736-314

SHEET NO.

1 OF 1

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