











Leger	nd	
	Project	Study

Project Study Limits - 460.1 Acres

Limits of Disturbance - 229.8 Acres

Stafford County - RPA - 85.2 Acres within Project Limits

Wetland Impact

Permanent Wetland Impact

Permanent Non-Jurisdictional Impact

--- Culvert

→ Ditch

Perennial Stream (R3)

— Intermittent Stream (R4)

Ephemeral Stream (R6), DEQ Excluded

Palustrine Emergent (PEM) Wetland

Palustrine Forested (PFO) Wetland
Palustrine Scrub-Shrub (PSS) Wetland

Palustrine Unconsolidated Bottom (PUB)

Proposed Stormwater Pipe

Proposed BMP

Proposed Buildings

— Proposed Landscape Berm

Proposed Grading

w — Proposed Offsite Underground Waterline

они— Proposed Overhead Utilities

>>> Stream Flow Direction

Architecture Resources

Zone A: 1% Annual Chance Flood Hazard

**Topographic Contours** 

Major - 10 Feet

Minor - 1 Foot

		Impacts	Table	
Impact ID	Wetland (sq. ft) Permanent Impact	State Jurisdictional (401) & Federally Jurisdictional (404)	Cowardin classification	DEQ Exclusion
1	4,719	401	PEM	
2	9,843	401	PEM	
3	1,383	401	PEM	
4	38,223	401	PSS	
5	28,009	401 & 404	PEM	
6	23,207	401 & 404	PFO	
7	27,272	401 & 404	PFO	
8	70,702	401 & 404	PEM	
9	7,829	401 & 404	PUB	
10	15,658	401 & 404	DITCH	
11	3,224	401 & 404	DITCH	
12	83,326	N/A	PUB	Mining Activities- 9VAC25-690-30 F
13	9,990	N/A	PEM	Mining Activities- 9VAC25-690-30 F
14	65,998	N/A	PFO	Mining Activities- 9VAC25-690-30 F
Total USACE Wetland Area =		157,019 sq ft		3.60 ac
Tota	I USACE Ditch Area =	18,882	sq ft	0.43 ac
Total VA	DEQ Wetland Area =	211,187	sq ft	4.85 ac
DEQ Exclu	sions Wetland Area =	159,314	sq ft	3.66 ac
Cowardin	Classification Totals (Ju	risdictional Impacts)		
Total	PEM Wetland Area =	114,657	sq ft	2.63 ac
Total	•		0.88 ac	
Total	PFO Wetland Area = 50,479 sq ft 1.16 ac		1.16 ac	
Total	PUB Wetland Area =	7,829 s	sq ft	0.18 ac



PROJECT NAME & LOCATION

STAFFORD COUNTY,

05/22/2025 OJECT NUMBER 70448

DESIGNED BY / DRAWN BY
B. HARDY

1. Waters of the U.S. within the

PROJECT SISSON

located using submeter, Bluetooth GPS antennas by Timmons Group.

2. Waters of the U.S. have not been confirmed by the U.S. Army Corps of Engineers.

3. Project limits are approximate.

4. Topography based on USGS LiDAR.

4. lopography based on USGS
LiDAR.
5. Cowardin Stream
Classifications are based solely
on field observations. No formal
Stream assessment methodology
was completed to determine these
Cowardin Classifications.

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REVISIONS				
#	MM/DD/YY	DESCRIPTION		
1	07/02/25	Revised per LOD changes		
2	07/23/25	Revised adding offsite waterline		
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PRELIMINARY
JURISDICTIONAL
WATERS OF THE
U.S. IMPACTS MAP

