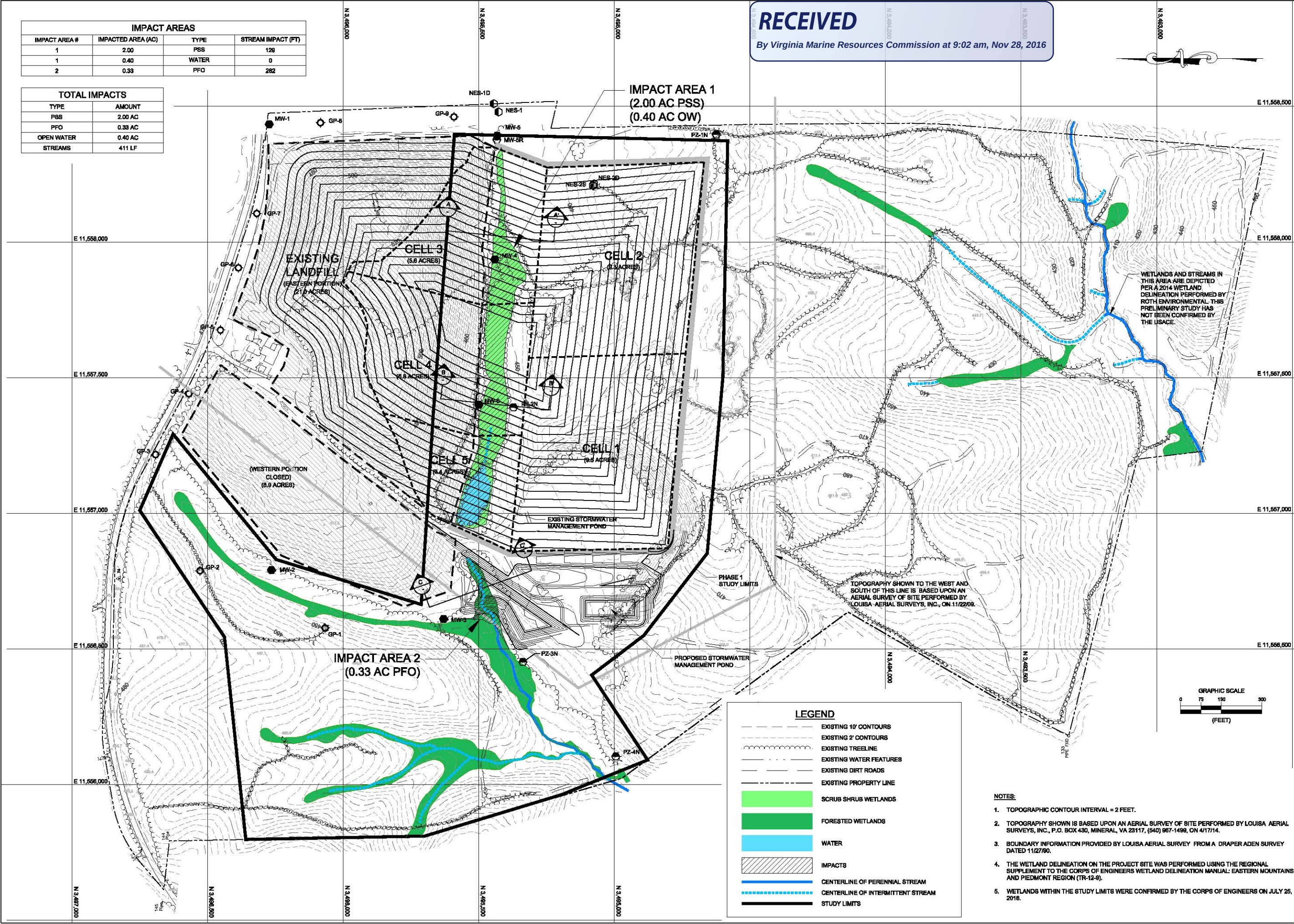


IMPACT AREAS			
IMPACT AREA #	IMPACTED AREA (AC)	TYPE	STREAM IMPACT (FT)
1	2.00	PSS	128
1	0.40	WATER	0
2	0.33	PFO	282

TOTAL IMPACTS	
TYPE	AMOUNT
PSS	2.00 AC
PFO	0.33 AC
OPEN WATER	0.40 AC
STREAMS	411 LF

RECEIVED

By Virginia Marine Resources Commission at 9:02 am, Nov 28, 2016



WETLANDS AND STREAMS IN THIS AREA ARE DEPICTED PER A 2014 WETLAND DELINEATION PERFORMED BY ROTH ENVIRONMENTAL. THIS PRELIMINARY STUDY HAS NOT BEEN CONFIRMED BY THE USACE.

LEGEND

- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- EXISTING TREELINE
- EXISTING WATER FEATURES
- EXISTING DIRT ROADS
- EXISTING PROPERTY LINE
- SCRUB SHRUB WETLANDS
- FORESTED WETLANDS
- WATER
- IMPACTS
- CENTERLINE OF PERENNIAL STREAM
- CENTERLINE OF INTERMITTENT STREAM
- STUDY LIMITS

NOTES:

- TOPOGRAPHIC CONTOUR INTERVAL = 2 FEET.
- TOPOGRAPHY SHOWN IS BASED UPON AN AERIAL SURVEY OF SITE PERFORMED BY LOUISA AERIAL SURVEYS, INC., P.O. BOX 430, MINERAL, VA 23117, (540) 987-1498, ON 4/17/14.
- BOUNDARY INFORMATION PROVIDED BY LOUISA AERIAL SURVEY FROM A DRAPER ADEN SURVEY DATED 11/27/90.
- THE WETLAND DELINEATION ON THE PROJECT SITE WAS PERFORMED USING THE REGIONAL SUPPLEMENT TO THE CORPS OF ENGINEERS WETLAND DELINEATION MANUAL: EASTERN MOUNTAINS AND PIEDMONT REGION (TR-12-9).
- WETLANDS WITHIN THE STUDY LIMITS WERE CONFIRMED BY THE CORPS OF ENGINEERS ON JULY 25, 2016.

LUNENBURG DISPOSAL AND RECYCLING SERVICES

LUNENBURG COUNTY, VIRGINIA

PROPOSED WETLAND & STREAM IMPACTS
PHASE I EXPANSION

PROJECT NO.
903.1602.03

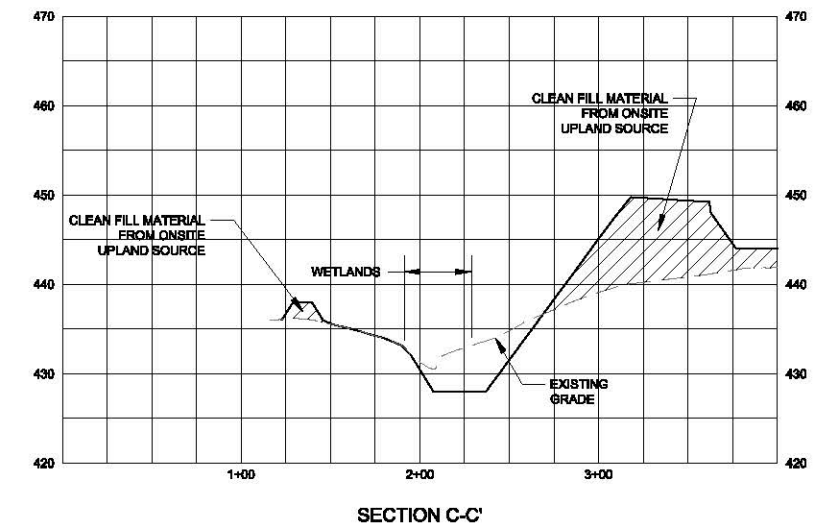
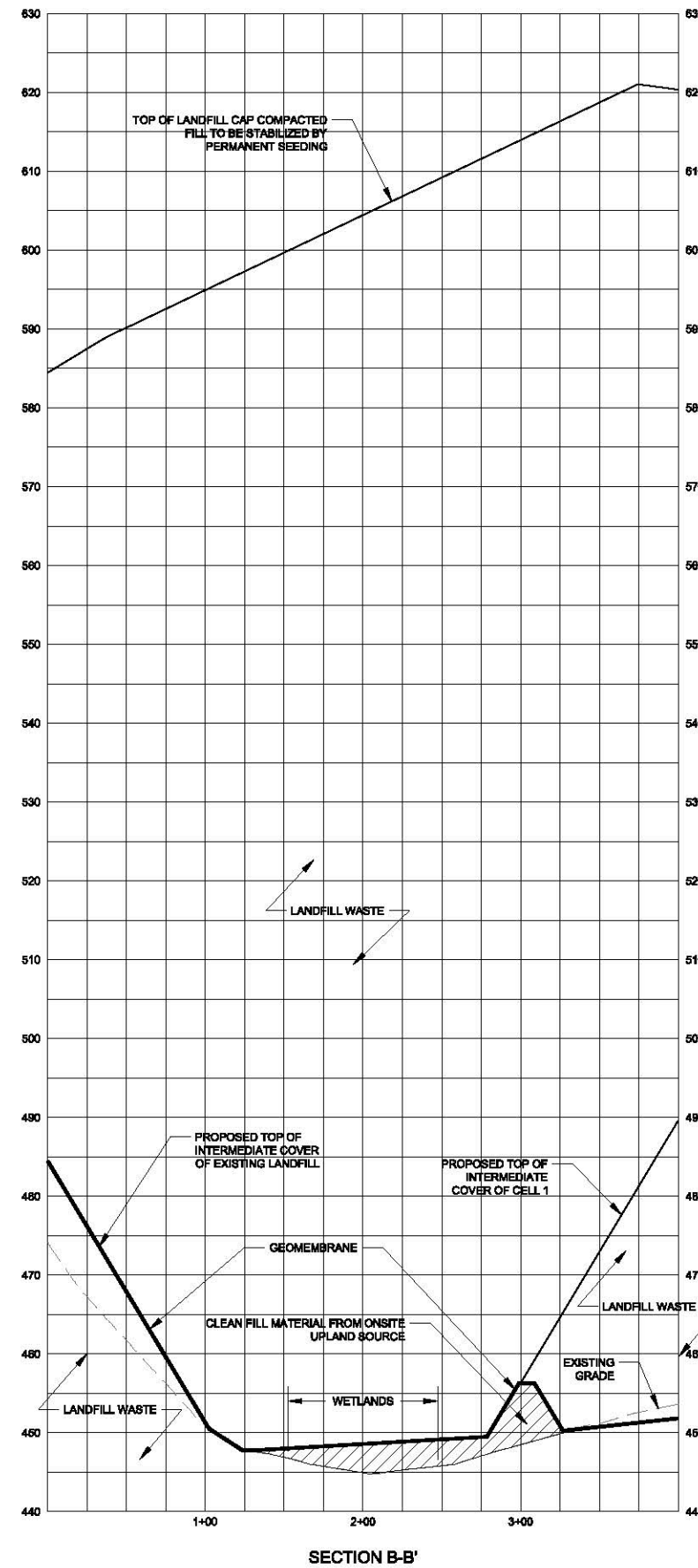
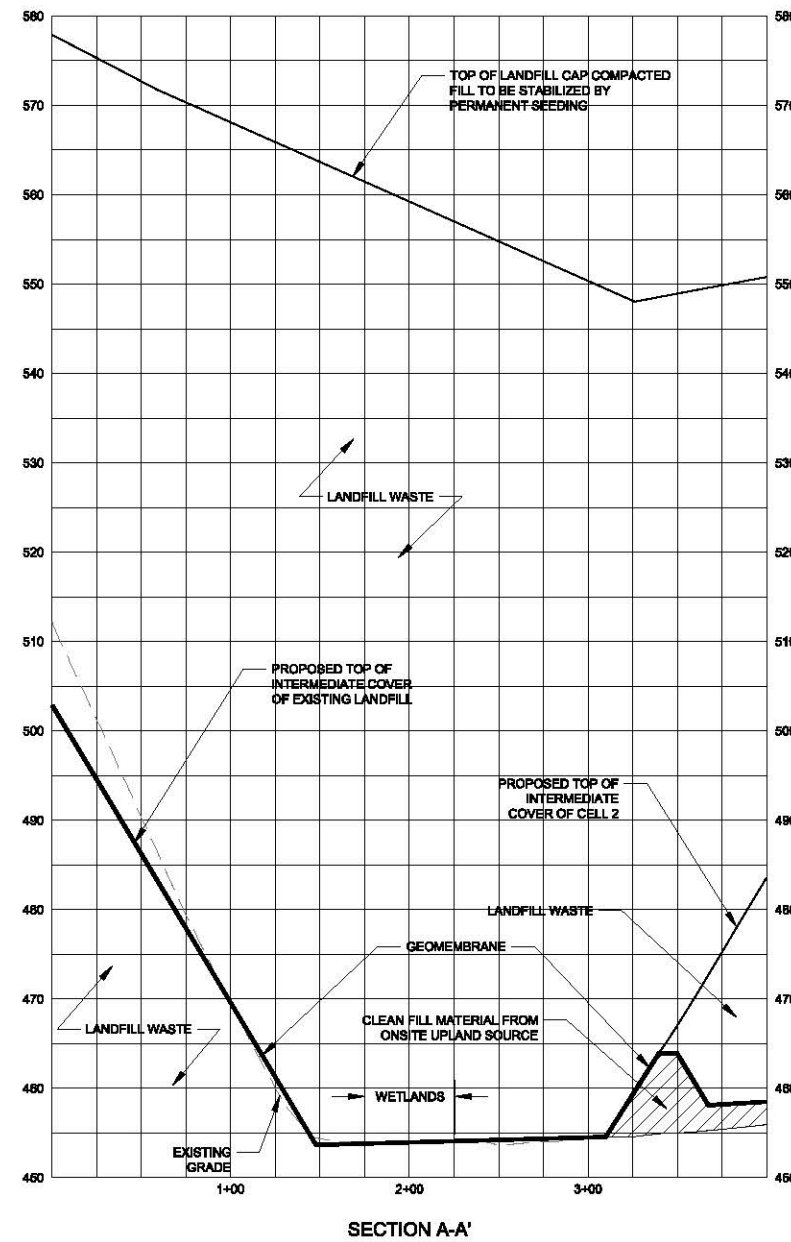
SCALE
AS SHOWN

DRAWING NO.
1

DESIGNED	DAS
DRAWN	DAS
CHECKED	RLS
APPROVED	JGW
DATE	11/17/16

JOYCE
ENGINEERING
1804 OWNEY LANE
RICHMOND, VA 23220
PHONE (804) 355-4520

By Virginia Marine Resources Commission at 9:02 am, Nov 28, 2016



**LUNENBURG DISPOSAL AND RECYCLING SERVICES
LUNENBURG COUNTY, VIRGINIA**

PROPOSED WETLAND AND STREAM IMPACTS

PHASE I EXPANSION

CROSS SECTIONS

PROJECT NO.
003.1602.03

SCALE
AS SHOWN

DRAWING NO.
2

[illegible]

DESIGNED	RLS
DRAWN	DAS
CHECKED	RLS
APPROVED	JGW
DATE	1/16/18

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JOYCE
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