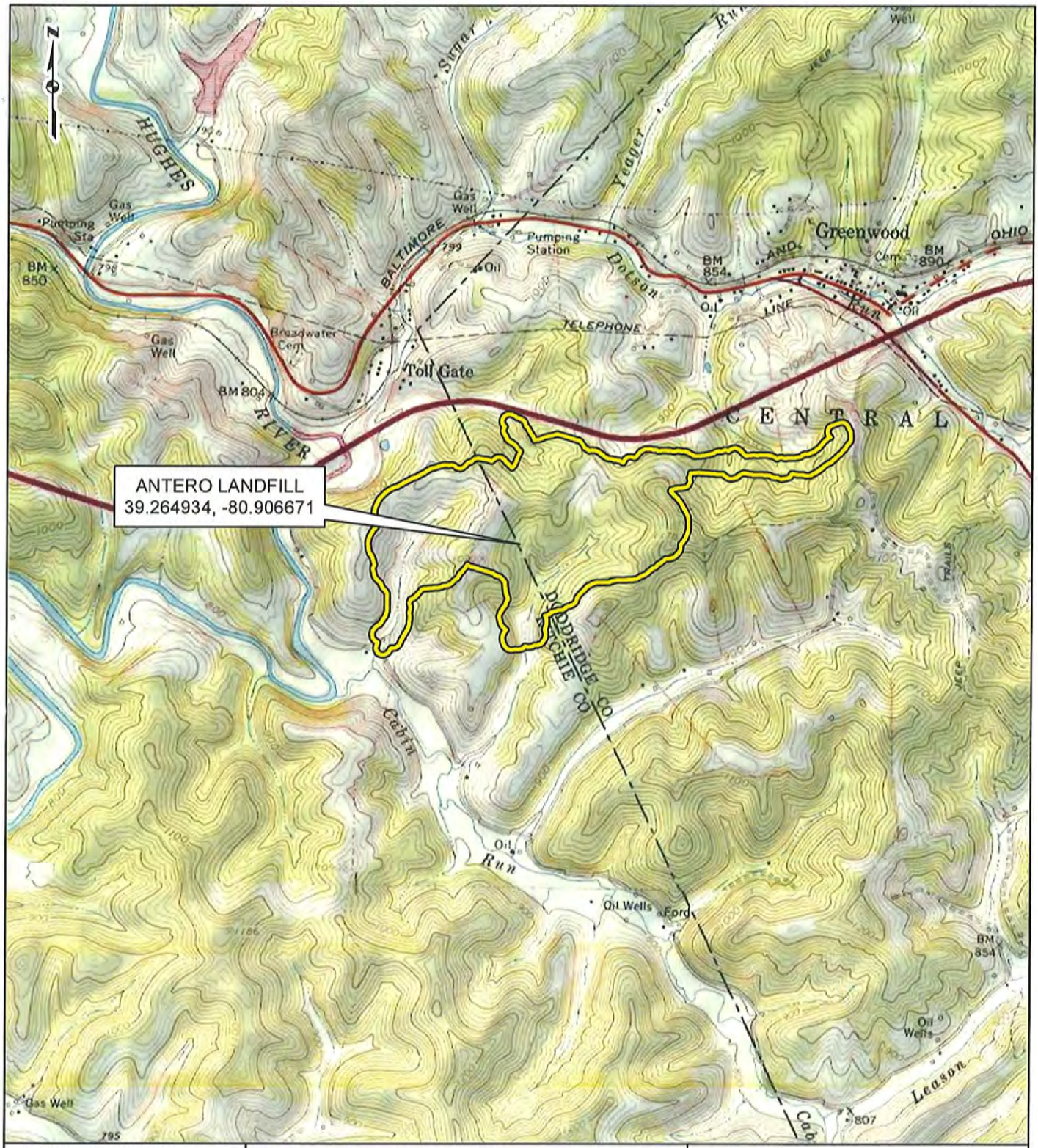
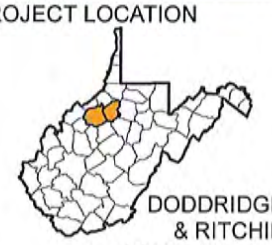
The following document is not readable via Optical Character Recognition. For more information or if you require the document to be read aloud please call: 304-399-5353



PROJECT LOCATION



DODDRIDGE & RITCHIE COUNTIES, WV

LEGEND

AREA OF INTEREST

0 1,000 2,000 4,000 Feet

FIGURE 1
PROJECT LOCATION MAP

ANTERO LANDFILL
ANTERO TREATMENT LLC

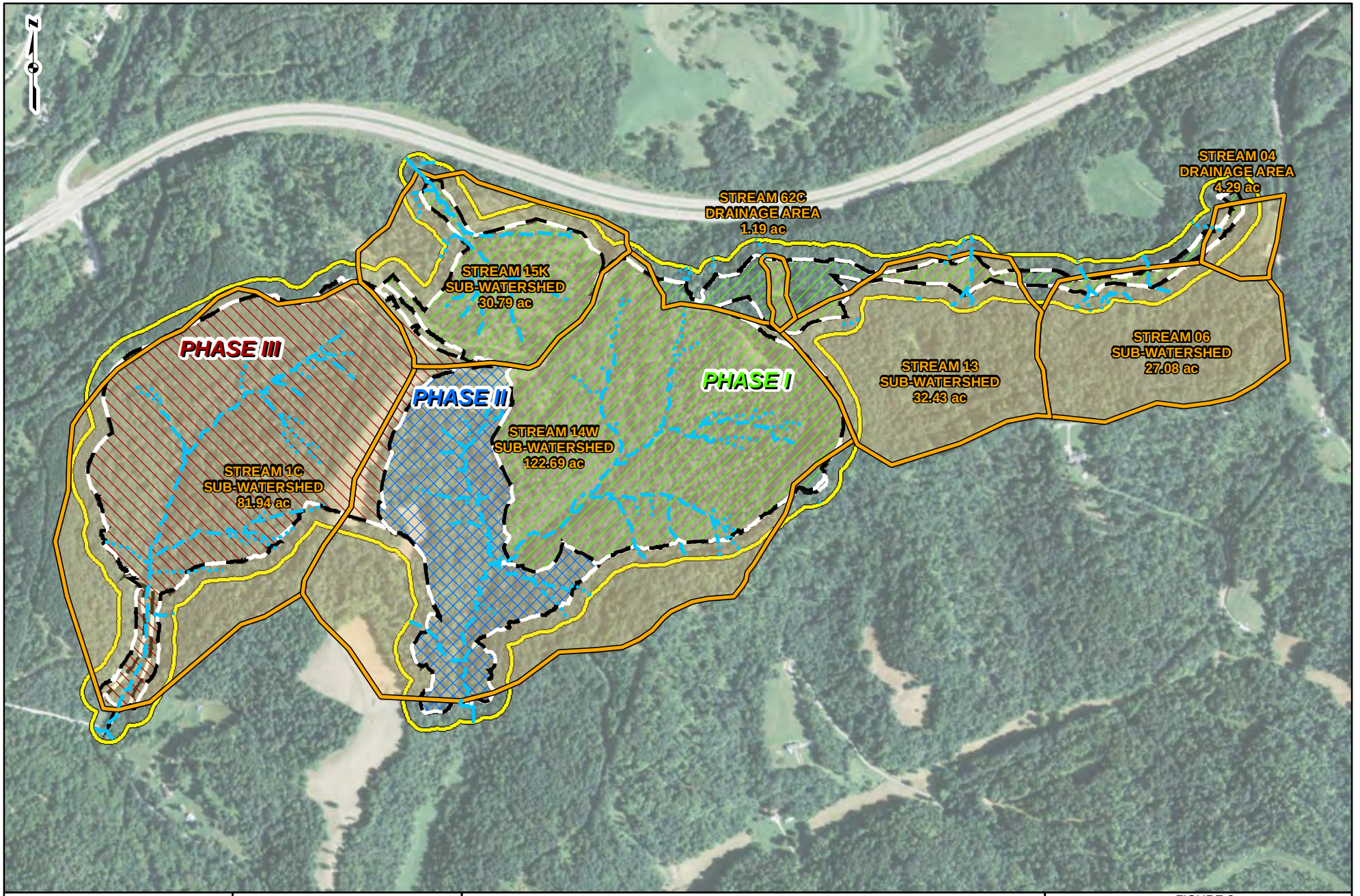
gai consultants

Antero

DRAWN BY: SCS	DATE: 3/31/2016
CHECKED: JAC	APPROVED: JLF

REFERENCE: USGS 7.5' TOPOGRAPHIC QUADRANGLE: PENNSBORO (1979) & PULLMAN (1977), WEST VIRGINIA. OBTAINED THROUGH ESRI USA TOPO MAPS, NATIONAL GEOGRAPHIC TOPO, AND USGS. 03/2016.

Z:\Energy\2015\E150670.01 - Antero Sandstrom TF Lndfl\GIS\MXD\WDSIR\PROJECT_LOCATION_MAP_2016_01_11.mxd



PROJECT LOCATION

DODDRIDGE & RITCHIE COUNTIES, WV

REFERENCE: WV NAIP AERIAL IMAGERY 2014.

LEGEND

- EPHEMERAL STREAM
- INTERMITTENT STREAM
- PERENNIAL STREAM
- PHASE I
- PHASE II
- PHASE III
- WATERSHED
- AREA OF INTEREST
- LIMIT OF DISTURBANCE

0 400 800 1,600 Feet

FIGURE 2
OVERALL WATERSHED MAP
Sheet 2 of 16

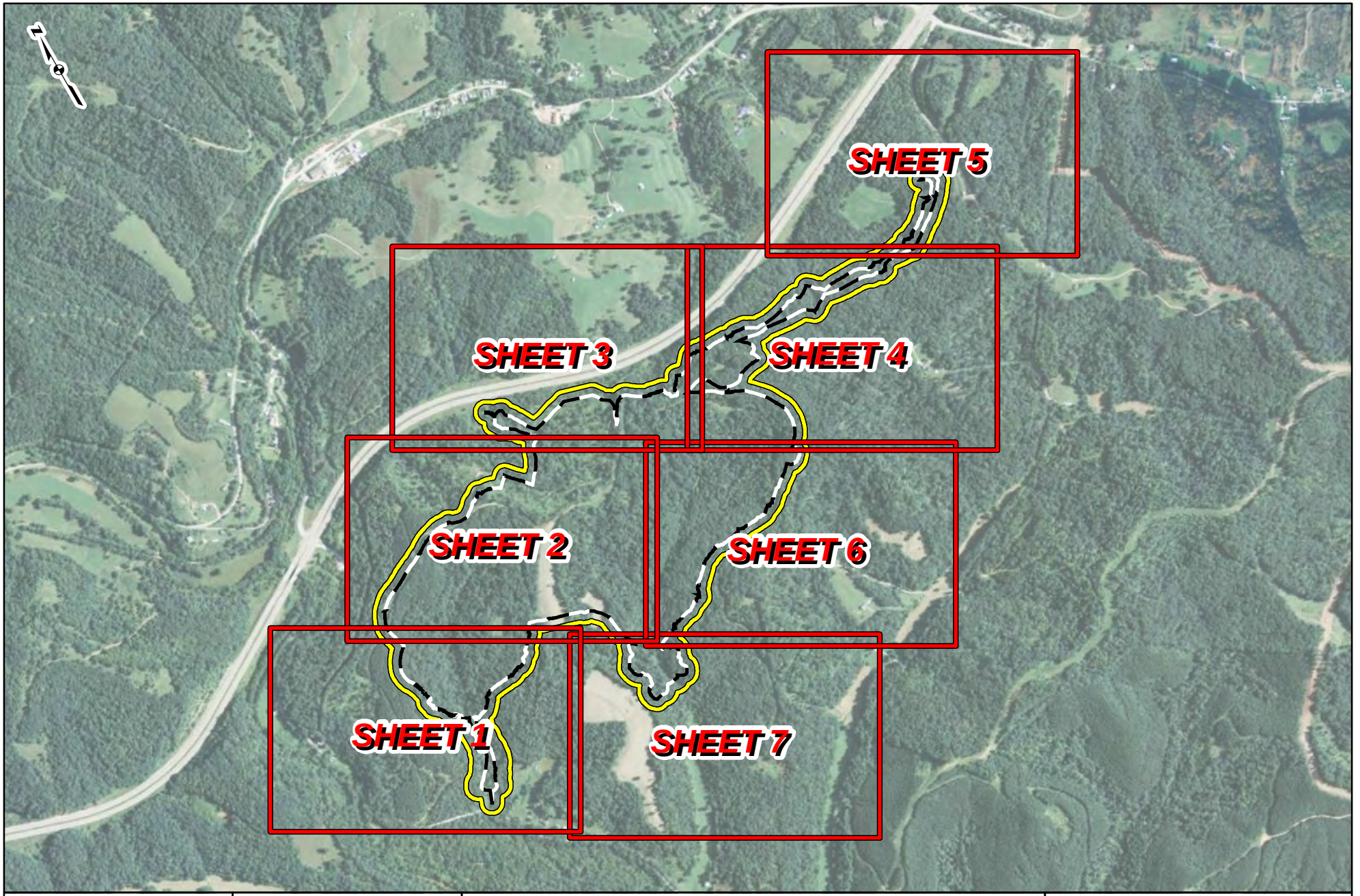
gai consultants

ANTERO LANDFILL
ANTERO TREATMENT LLC

Antero

DRAWN BY: SCS DATE: 4/21/2016
CHECKED: JLF APPROVED: JLF

Z:\Energy\2015\E150670.01 - Antero Sandstrom TF Lndfl\GIS\MXD\WDSIR\8-5X11\OVERALL_WATERSHED_MAP_2016_04_21.mxd



PROJECT LOCATION

DODDRIDGE & RITCHIE COUNTIES, WV

REFERENCE: WV NAIP AERIAL IMAGERY 2014. FEMA 100-YEAR FLOODPLAIN. WEST VIRGINIA NWI WETLAND DATA.

LEGEND

SHEET INDEX | AREA OF INTEREST | LIMIT OF DISTURBANCE

0 650 1,300 2,600 Feet

Sheet 3 of 16
SHEET INDEX

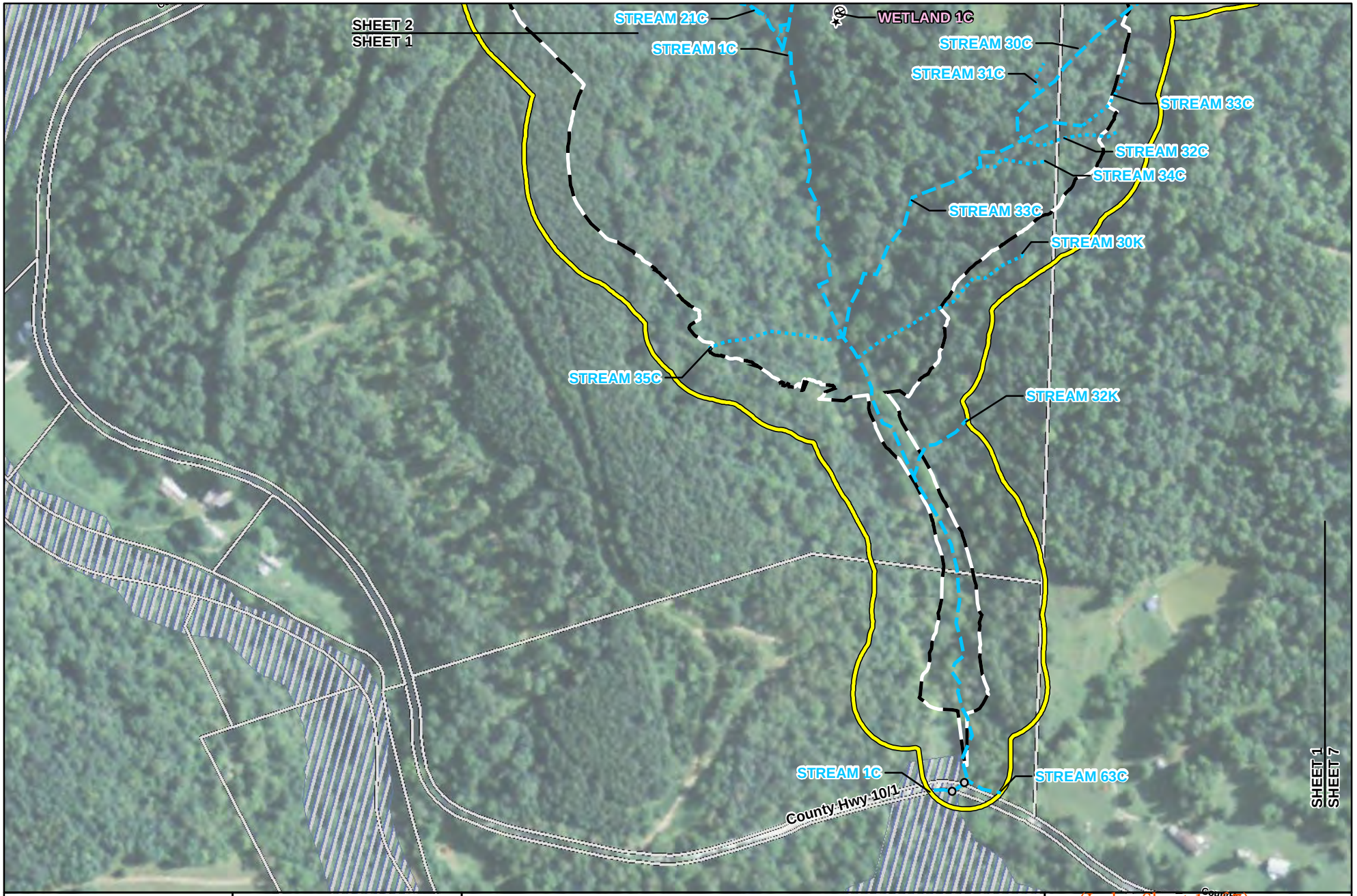
gai consultants

ANTERO LANDFILL
ANTERO TREATMENT LLC

Antero

DRAWN BY: SCS DATE: 4/21/2016
CHECKED: JLF APPROVED: JLF

Z:\Energy\2015\E150670.01 - Antero Sandstrom TF Lndfl\GIS\MXD\WDSIR\8-5X11\SHEET_INDEX_MAP_2016_04_21.mxd



PROJECT LOCATION

DODDRIDGE & RITCHIE COUNTIES, WV

REFERENCE: WV NAIP AERIAL IMAGERY 2014. FEMA 100-YEAR FLOODPLAIN. WEST VIRGINIA NWI WETLAND DATA.

LEGEND

- UPLAND PIT
- WETLAND DATA POINT
- CULVERT
- NRPW - EPHEMERAL
- RPW - INTERMITTENT
- RPW - PERENNIAL
- PEM WETLAND
- PSS WETLAND
- PFO WETLAND
- NWI WETLAND
- AREA OF INTEREST
- 100-YEAR FLOODPLAIN
- PARCEL BOUNDARY
- LIMIT OF DISTURBANCE

0 100 200 400 Feet

(Index Sheet 1 of 9)

POTENTIALLY JURISDICTIONAL WATERS
SHEET 4 of 16

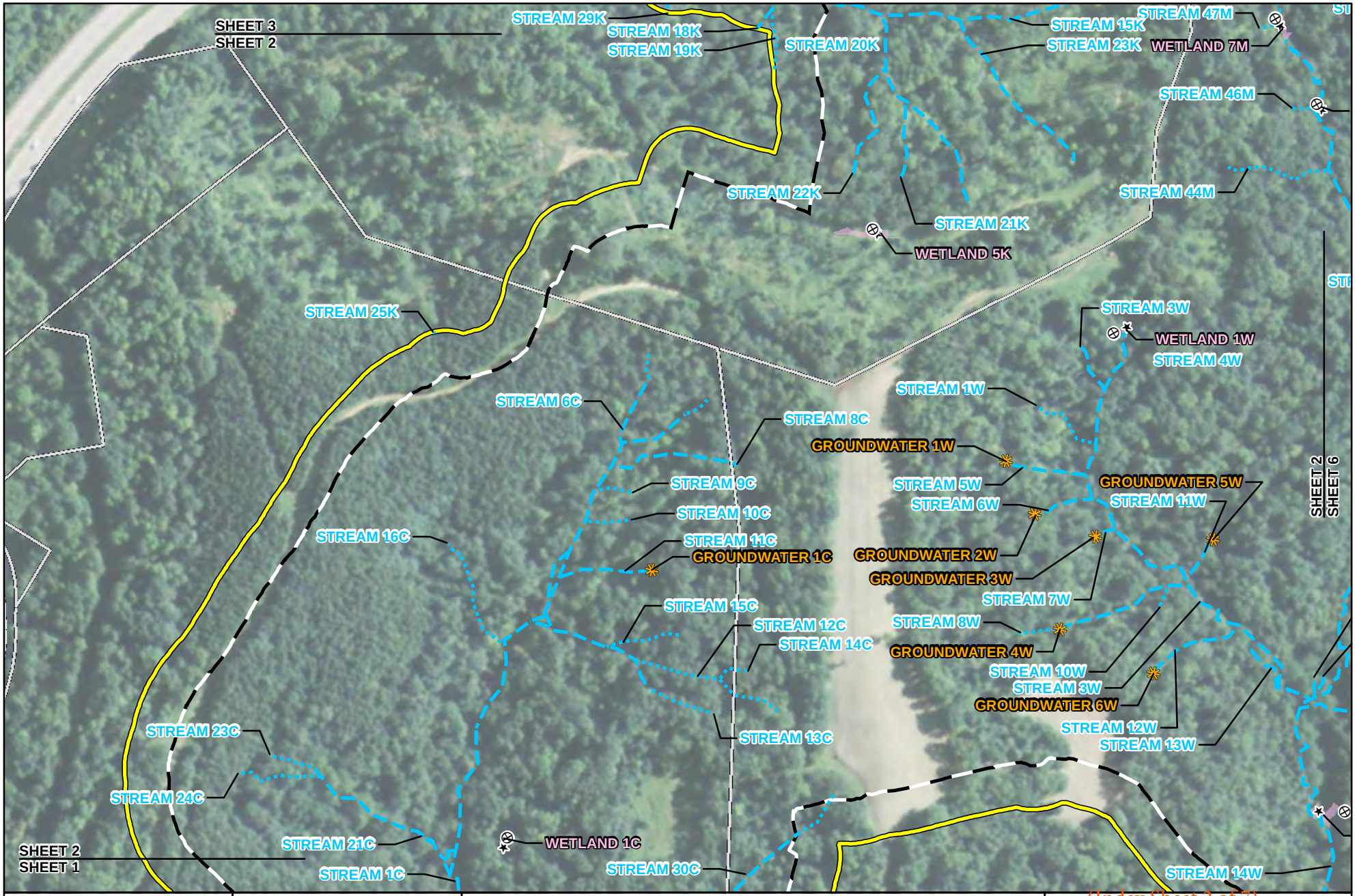
gai consultants

ANTERO LANDFILL
ANTERO TREATMENT LLC

Antero

DRAWN BY: SCS DATE: 4/21/2016
CHECKED: JLF APPROVED: JLF

Z:\Energy\2015\E150670.01 - Antero Sandstrom TF Lndfl\GIS\MXD\WDSIR\8-5X11\POTENTIALLY_JURISDICTIONAL_MAP_2016_04_20.mxd



PROJECT LOCATION

DODDRIDGE & RITCHIE COUNTIES, WV

REFERENCE: WV NAIP AERIAL IMAGERY 2014.
FEMA 100-YEAR FLOODPLAIN. WEST VIRGINIA NWI WETLAND DATA.

LEGEND

- UPLAND PIT
- WETLAND DATA POINT
- CULVERT
- NRPW - EPHEMERAL
- RPW - INTERMITTENT
- RPW - PERENNIAL
- PEM WETLAND
- PSS WETLAND
- PFO WETLAND
- NWI WETLAND
- AREA OF INTEREST
- 100-YEAR FLOODPLAIN
- PARCEL BOUNDARY
- LIMIT OF DISTURBANCE

0 100 200 400 Feet

(Index Sheet 2 of 7)

POTENTIALLY JURISDICTIONAL WATERS
SHEET 5 OF 16

ANTERO LANDFILL
ANTERO TREATMENT LLC

DRAWN BY: SCS DATE: 4/21/2016
CHECKED: JLF APPROVED: JLF

Z:\Energy\2015\E150670.01 - Antero Sandstrom TF Lndfl\GIS\MXD\WDSIR\8-5X11\POTENTIALLY_JURISDICTIONAL_MAP_2016_04_20.mxd

PROJECT LOCATION

DODDRIDGE & RITCHIE COUNTIES, WV

REFERENCE: WV NAIP AERIAL IMAGERY 2014. FEMA 100-YEAR FLOODPLAIN. WEST VIRGINIA NWI WETLAND DATA.

LEGEND

- UPLAND PIT
- WETLAND DATA POINT
- CULVERT
- NRPW - EPHEMERAL
- RPW - INTERMITTENT
- RPW - PERENNIAL
- PEM WETLAND
- PSS WETLAND
- PFO WETLAND
- NWI WETLAND
- AREA OF INTEREST
- 100-YEAR FLOODPLAIN
- PARCEL BOUNDARY
- LIMIT OF DISTURBANCE

0 100 200 400 Feet

(Index Sheet 3 of 7)

POTENTIALLY JURISDICTIONAL WATERS
SHEET 6 OF16

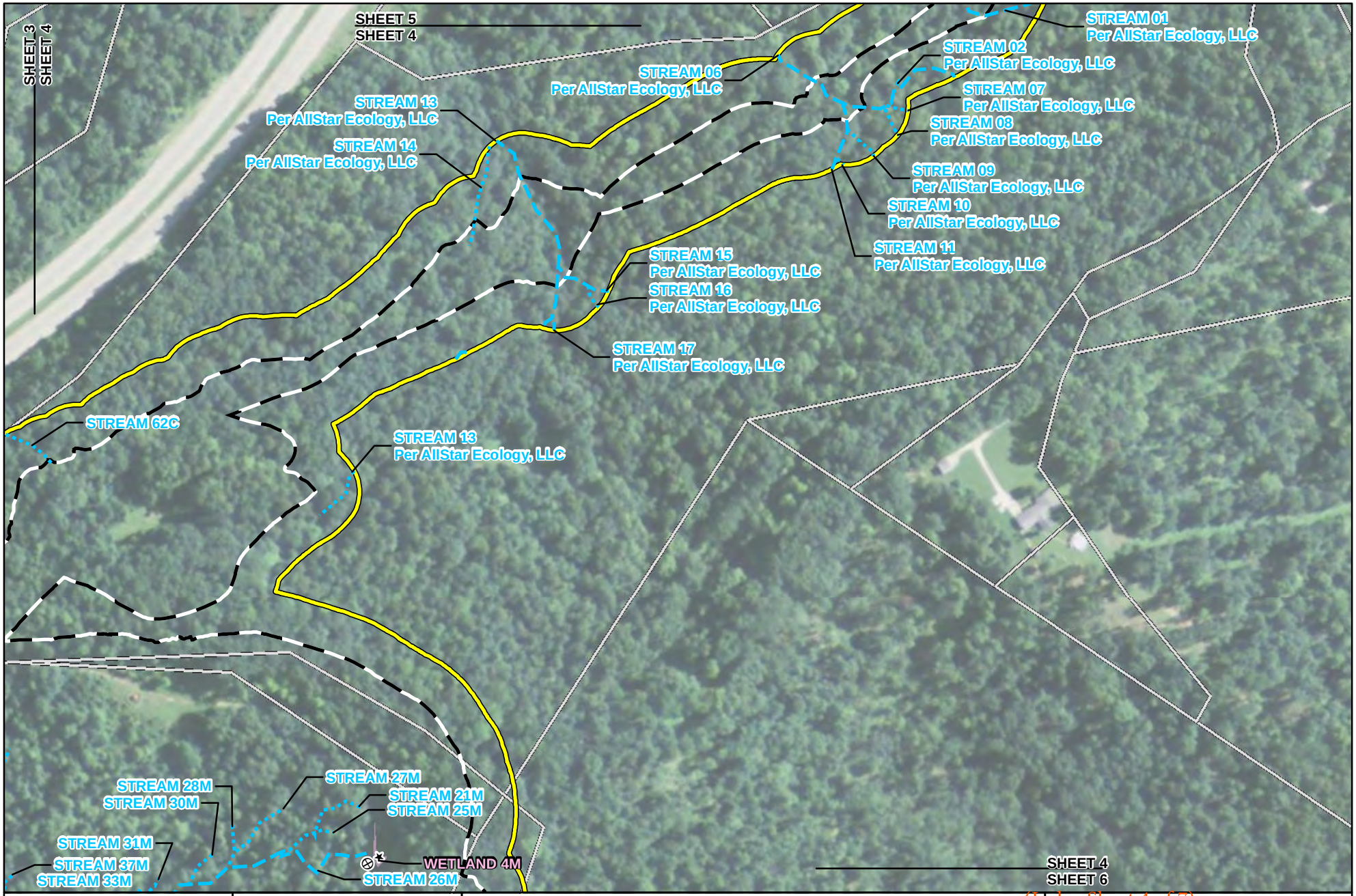
ANTERO LANDFILL
ANTERO TREATMENT LLC

gai consultants

Antero Resources

DRAWN BY: SCS DATE: 4/21/2016
CHECKED: JLF APPROVED: JLF

Z:\Energy\2015\E150670.01 - Antero Sandstrom TF Lndfl\GIS\MXD\WDSIR\8-5X11\POTENTIALLY_JURISDICTIONAL_MAP_2016_04_20.mxd



PROJECT LOCATION

DODDRIDGE & RITCHIE COUNTIES, WV

REFERENCE: WV NAIP AERIAL IMAGERY 2014.
FEMA 100-YEAR FLOODPLAIN. WEST VIRGINIA
NWI WETLAND DATA.

LEGEND

- UPLAND PIT
- WETLAND DATA POINT
- CULVERT
- NRPW - EPHEMERAL
- RPW - INTERMITTENT
- RPW - PERENNIAL
- PEM WETLAND
- PSS WETLAND
- PFO WETLAND
- NWI WETLAND
- AREA OF INTEREST
- 100-YEAR FLOODPLAIN
- PARCEL BOUNDARY
- LIMIT OF DISTURBANCE

0 100 200 400 Feet

(Index Sheet 4 of 7)

FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
SHEET 7 OF 16

gai consultants

ANTERO LANDFILL
ANTERO TREATMENT LLC

Antero

DRAWN BY: SCS DATE: 4/21/2016
CHECKED: JLF APPROVED: JLF

Z:\Energy\2015\E150670.01 - Antero Sandstrom TF Lndfl\GIS\MXD\WDSIR\8-5X11\POTENTIALLY_JURISDICTIONAL_MAP_2016_04_20.mxd

PROJECT LOCATION

DODDRIDGE & RITCHIE COUNTIES, WV

REFERENCE: WV NAIP AERIAL IMAGERY 2014. FEMA 100-YEAR FLOODPLAIN. WEST VIRGINIA NWI WETLAND DATA.

LEGEND

- UPLAND PIT
- WETLAND DATA POINT
- CULVERT
- NRPW - EPHEMERAL
- RPW - INTERMITTENT
- RPW - PERENNIAL
- PEM WETLAND
- PSS WETLAND
- PFO WETLAND
- NWI WETLAND
- AREA OF INTEREST
- 100-YEAR FLOODPLAIN
- PARCEL BOUNDARY
- LIMIT OF DISTURBANCE

0 100 200 400 Feet

(Index Sheet 5 of 7)

FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
SHEET 8 OF 16

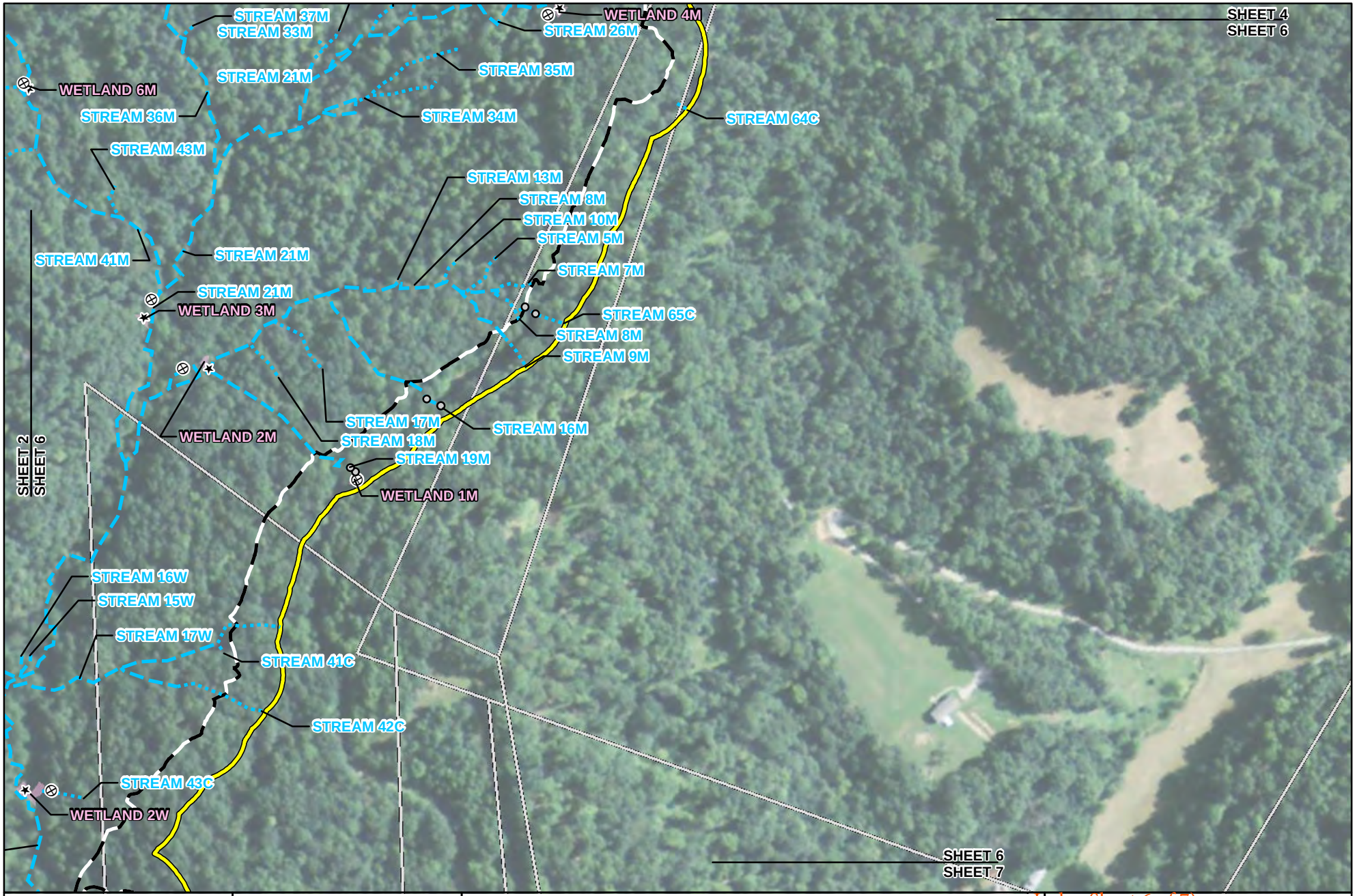
gai consultants

ANTERO LANDFILL
ANTERO TREATMENT LLC

Antero

DRAWN BY: SCS DATE: 4/21/2016
CHECKED: JLF APPROVED: JLF

Z:\Energy\2015\E150670.01 - Antero Sandstrom TF Lndfl\GIS\MXD\WDSIR\8-5X11\POTENTIALLY_JURISDICTIONAL_MAP_2016_04_20.mxd



PROJECT LOCATION

DODDRIDGE & RITCHIE COUNTIES, WV

REFERENCE: WV NAIP AERIAL IMAGERY 2014. FEMA 100-YEAR FLOODPLAIN. WEST VIRGINIA NWI WETLAND DATA.

LEGEND

- UPLAND PIT
- WETLAND DATA POINT
- CULVERT
- NRPW - EPHEMERAL
- RPW - INTERMITTENT
- RPW - PERENNIAL
- PEM WETLAND
- PSS WETLAND
- PFO WETLAND
- NWI WETLAND
- AREA OF INTEREST
- 100-YEAR FLOODPLAIN
- PARCEL BOUNDARY
- LIMIT OF DISTURBANCE

0 100 200 400 Feet

Index Sheet 6 of 7

FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
SHEET 9 OF 16

ANTERO LANDFILL
ANTERO TREATMENT LLC

DRAWN BY: SCS DATE: 4/21/2016
CHECKED: JLF APPROVED: JLF

Z:\Energy\2015\E150670.01 - Antero Sandstrom TF Lndfl\GIS\MXD\WDSIR\8-5X11\POTENTIALLY_JURISDICTIONAL_MAP_2016_04_20.mxd

PROJECT LOCATION

DODDRIDGE & RITCHIE COUNTIES, WV

REFERENCE: WV NAIP AERIAL IMAGERY 2014. FEMA 100-YEAR FLOODPLAIN. WEST VIRGINIA NWI WETLAND DATA.

LEGEND

- UPLAND PIT
- WETLAND DATA POINT
- CULVERT
- NRPW - EPHEMERAL
- RPW - INTERMITTENT
- RPW - PERENNIAL
- PEM WETLAND
- PSS WETLAND
- PFO WETLAND
- NWI WETLAND
- AREA OF INTEREST
- 100-YEAR FLOODPLAIN
- PARCEL BOUNDARY
- LIMIT OF DISTURBANCE

0 100 200 400 Feet

(Index Sheet 7 of 7)

FIGURE 2
POTENTIALLY JURISDICTIONAL WATERS
SHEET 10 OF 16

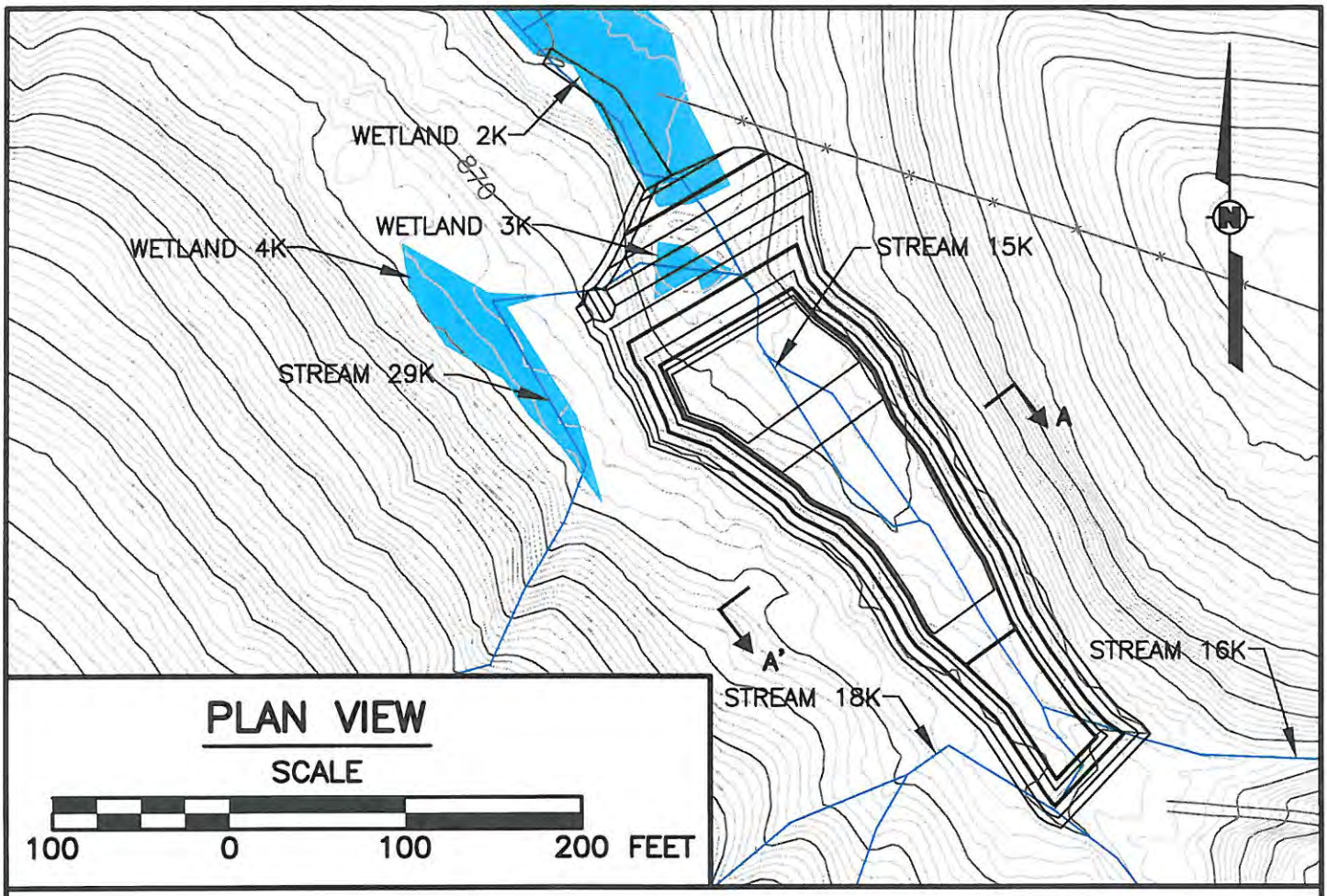
gai consultants

ANTERO LANDFILL
ANTERO TREATMENT LLC

Antero

DRAWN BY: SCS DATE: 4/21/2016
CHECKED: JLF APPROVED: JLF

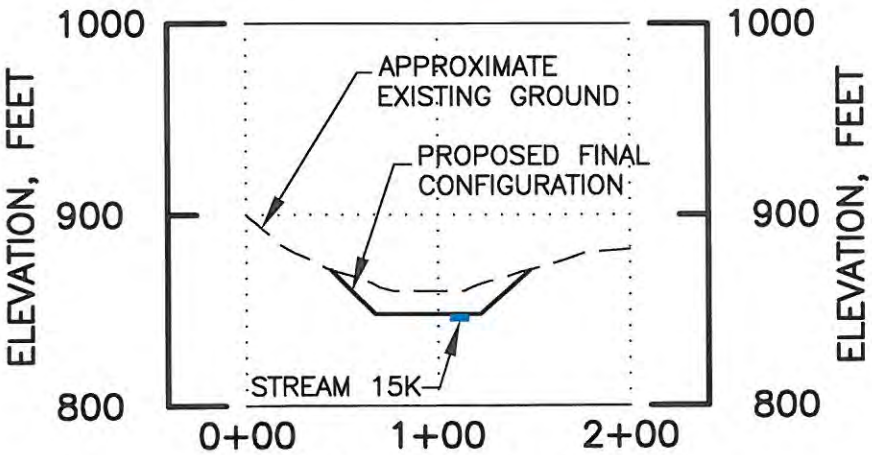
Z:\Energy\2015\E150670.01 - Antero Sandstrom TF Lndfl\GIS\MXD\WDSIR\8-5X11\POTENTIALLY_JURISDICTIONAL_MAP_2016_04_20.mxd



PLAN VIEW

SCALE

100 0 100 200 FEET



SECTION A–A'

SCALE

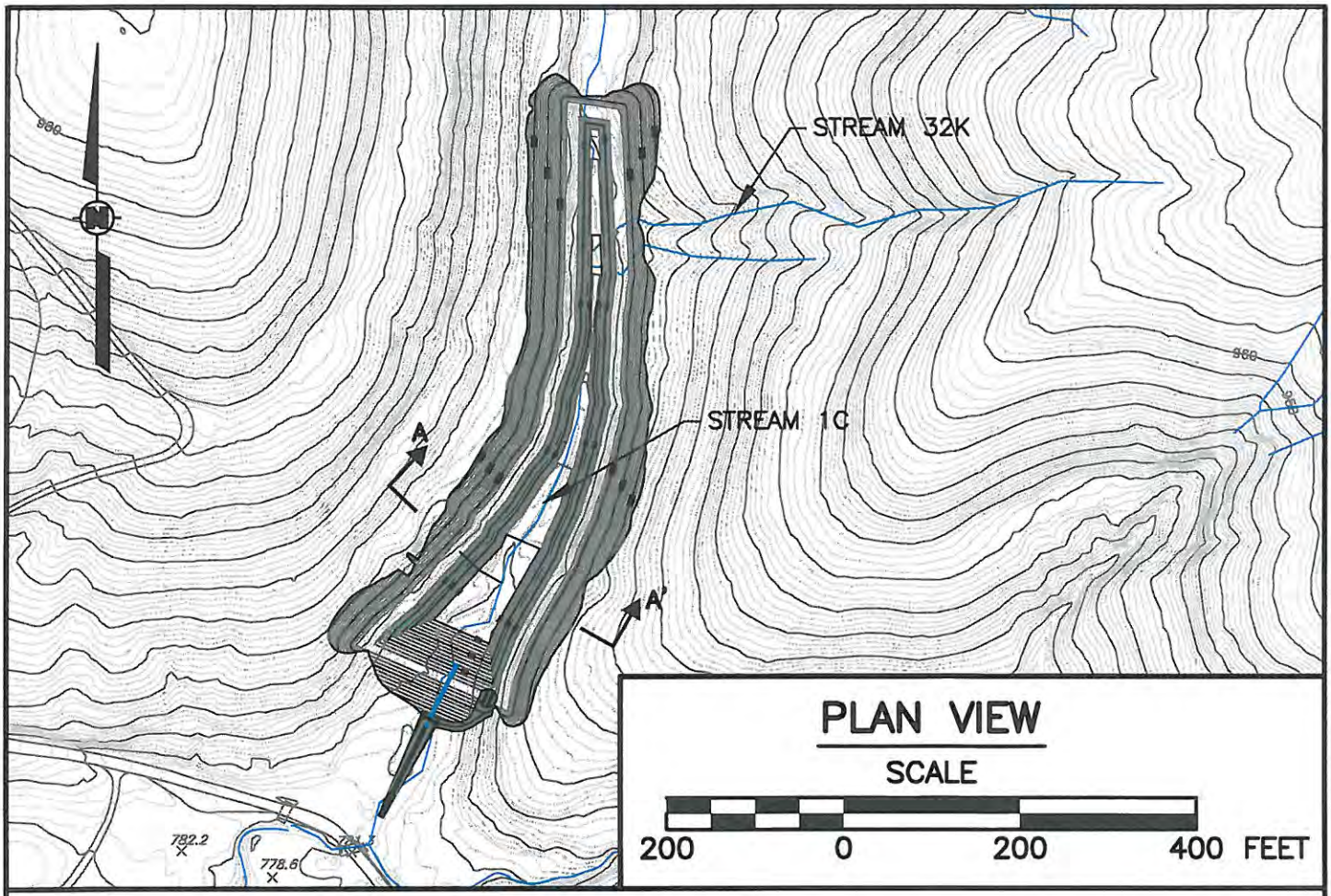
100 0 100 200 FEET

Alliance Consulting, Inc.
Engineers
Constructors
Scientists
BECKLEY, WV (304) 255-0491
CANONSBURG, PA (724) 745-3630
SUMMERSVILLE, WV (304) 883-2360

POND NO. 3 PLAN AND SECTION

ANTERO LANDFILL
CLASS F INDUSTRIAL SOLID WASTE DISPOSAL AND APPURTENANT FACILITIES
GREENWOOD, DODDRIDGE COUNTY, WEST VIRGINIA
PREPARED FOR
ANTERO TREATMENT, LLC
1615 WYNKOOP ST., DENVER, COLORADO 80202

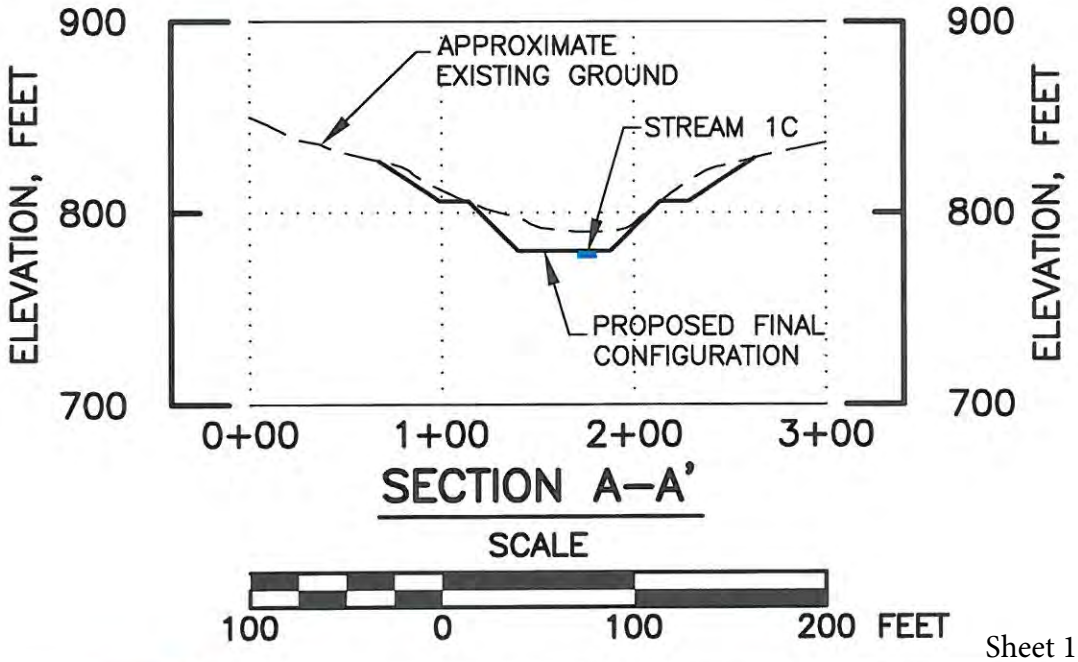
DRAWN BY	DJS	04/26/16
CHECKED BY		
APPROVED BY		
DRAWING NUMBER		FIGURE NUMBER
B15-146-A42		



PLAN VIEW

SCALE

200 0 200 400 FEET



SECTION A–A'

SCALE

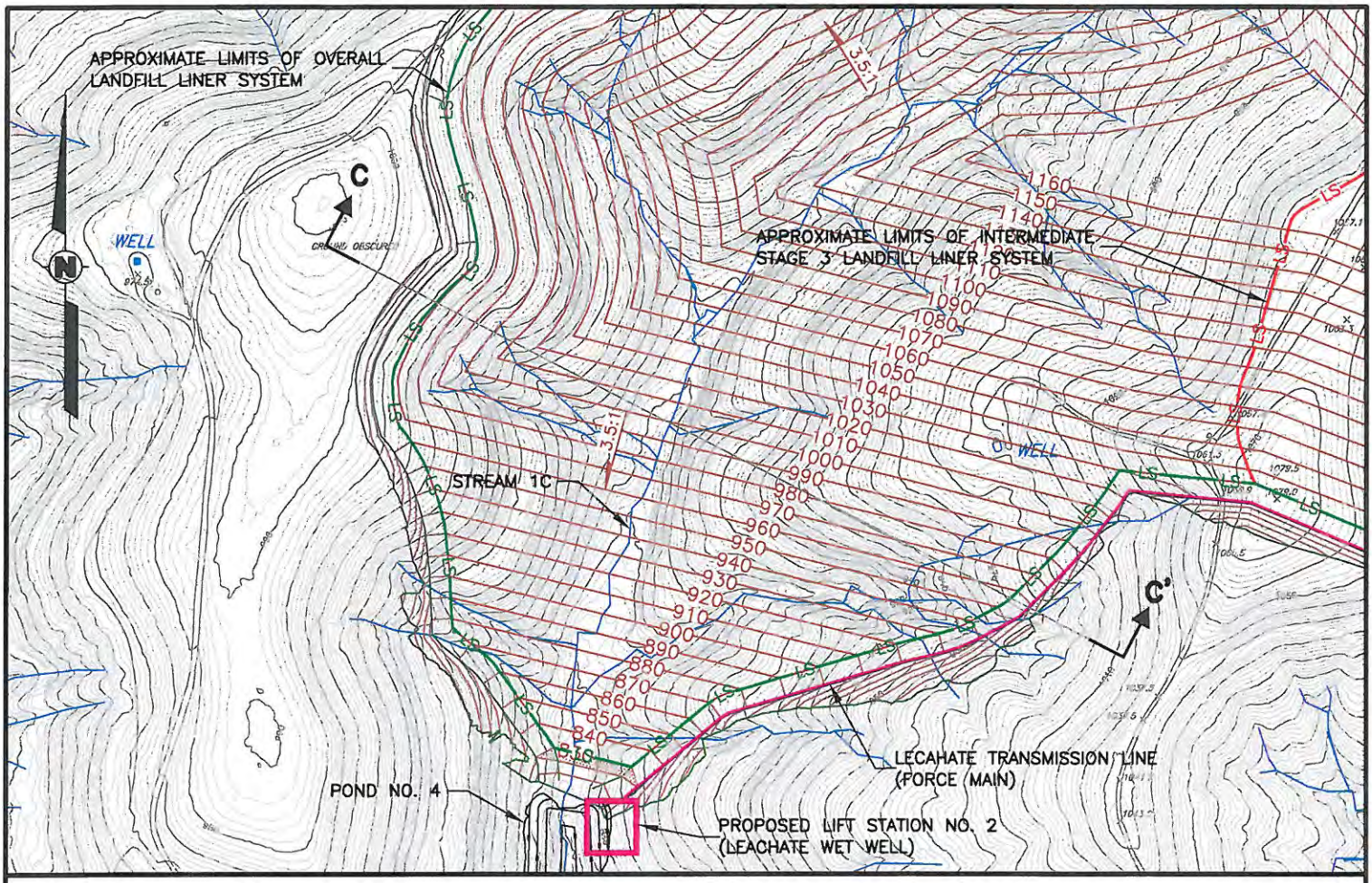
100 0 100 200 FEET

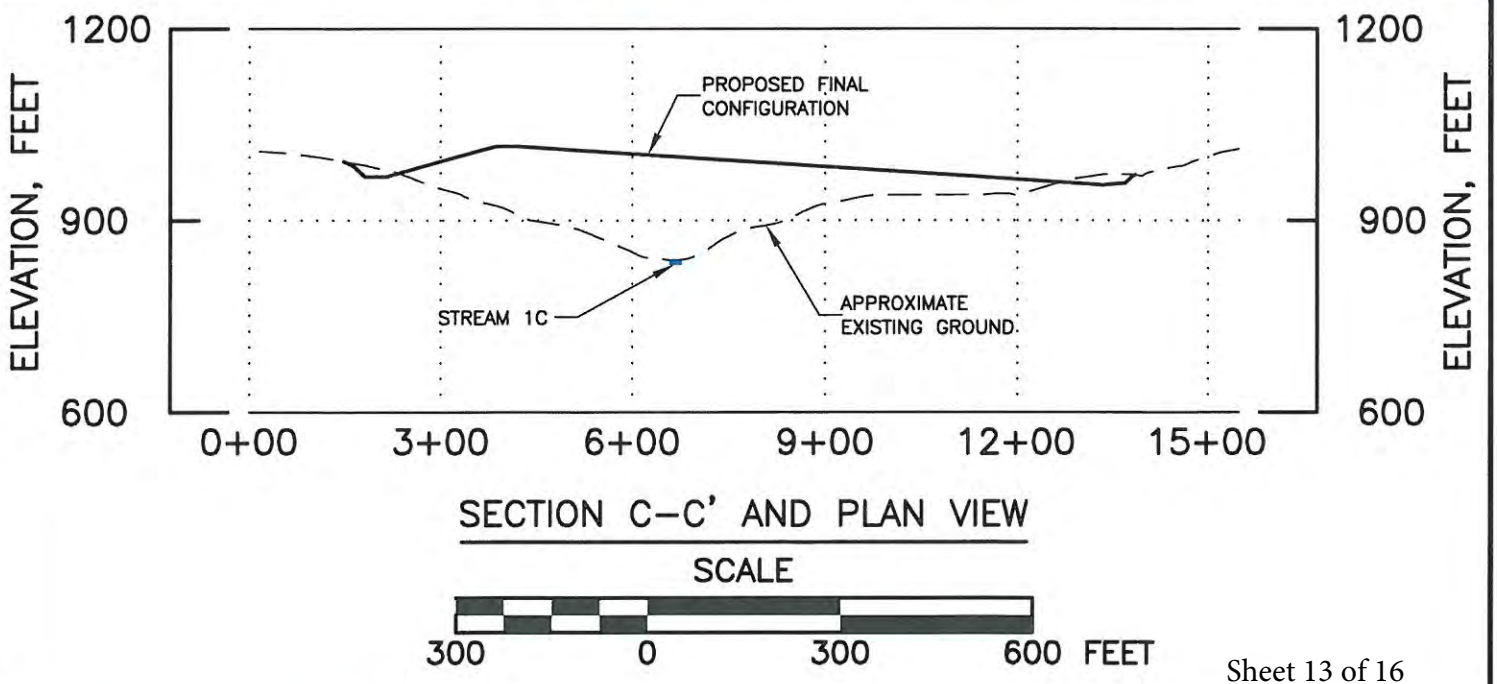
Alliance Consulting, Inc.
Engineers
Constructors
Scientists
BECKLEY, WV (304) 255-0491
CANONSBURG, PA (724) 745-3630
SUMMERSVILLE, WV (304) 883-2360

POND NO. 4 PLAN AND SECTION

ANTERO LANDFILL
CLASS F INDUSTRIAL SOLID WASTE DISPOSAL AND APPURTENANT FACILITIES
GREENWOOD, DODDRIDGE COUNTY, WEST VIRGINIA
PREPARED FOR
ANTERO TREATMENT, LLC
1615 WYNKOOP ST., DENVER, COLORADO 80202

DRAWN BY	DJS	04/26/16
CHECKED BY		
APPROVED BY		
DRAWING NUMBER		FIGURE NUMBER
B15-146-A43		





SECTION C–C' AND PLAN VIEW

SCALE

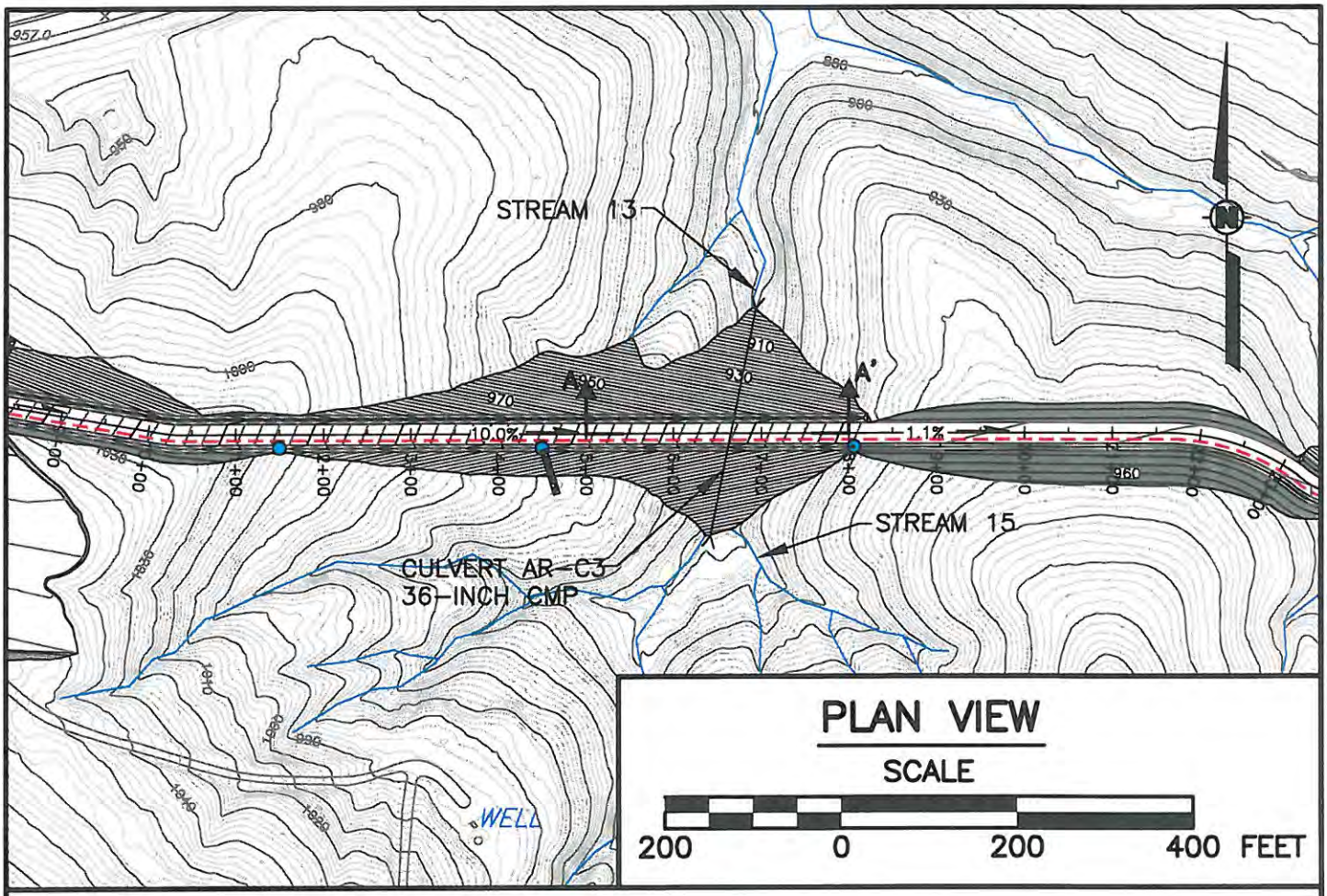
300 0 300 600 FEET

Alliance Consulting, Inc.
Engineers
Constructors
Scientists
BECKLEY, WV (304) 255-0491
CANONSBURG, PA (724) 745-3630
SUMMERSVILLE, WV (304) 883-2360

STAGE 3 FILL CROSS SECTION

ANTERO LANDFILL
CLASS F INDUSTRIAL SOLID WASTE
DISPOSAL AND APPURTENANT FACILITIES
GREENWOOD, DODDRIDGE COUNTY, WEST VIRGINIA
PREPARED FOR
ANTERO TREATMENT, LLC
1615 WYNKOOP ST., DENVER, COLORADO 80202

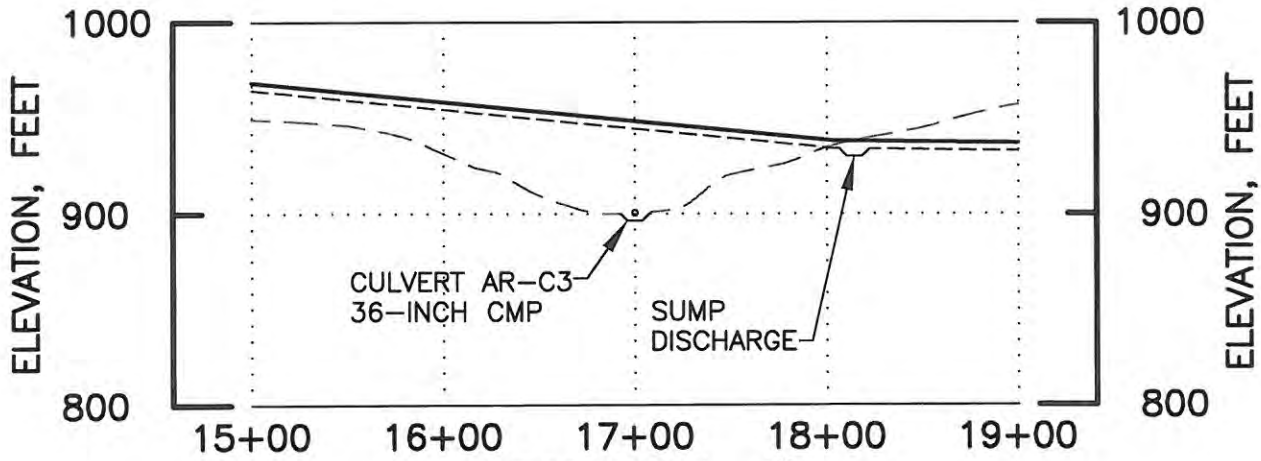
DRAWN BY	JWD	04/26/16
CHECKED BY		
APPROVED BY		
DRAWING NUMBER		FIGURE NUMBER
B15-146-A46		



PLAN VIEW

SCALE

200 0 200 400 FEET



SECTION A-A'

SCALE

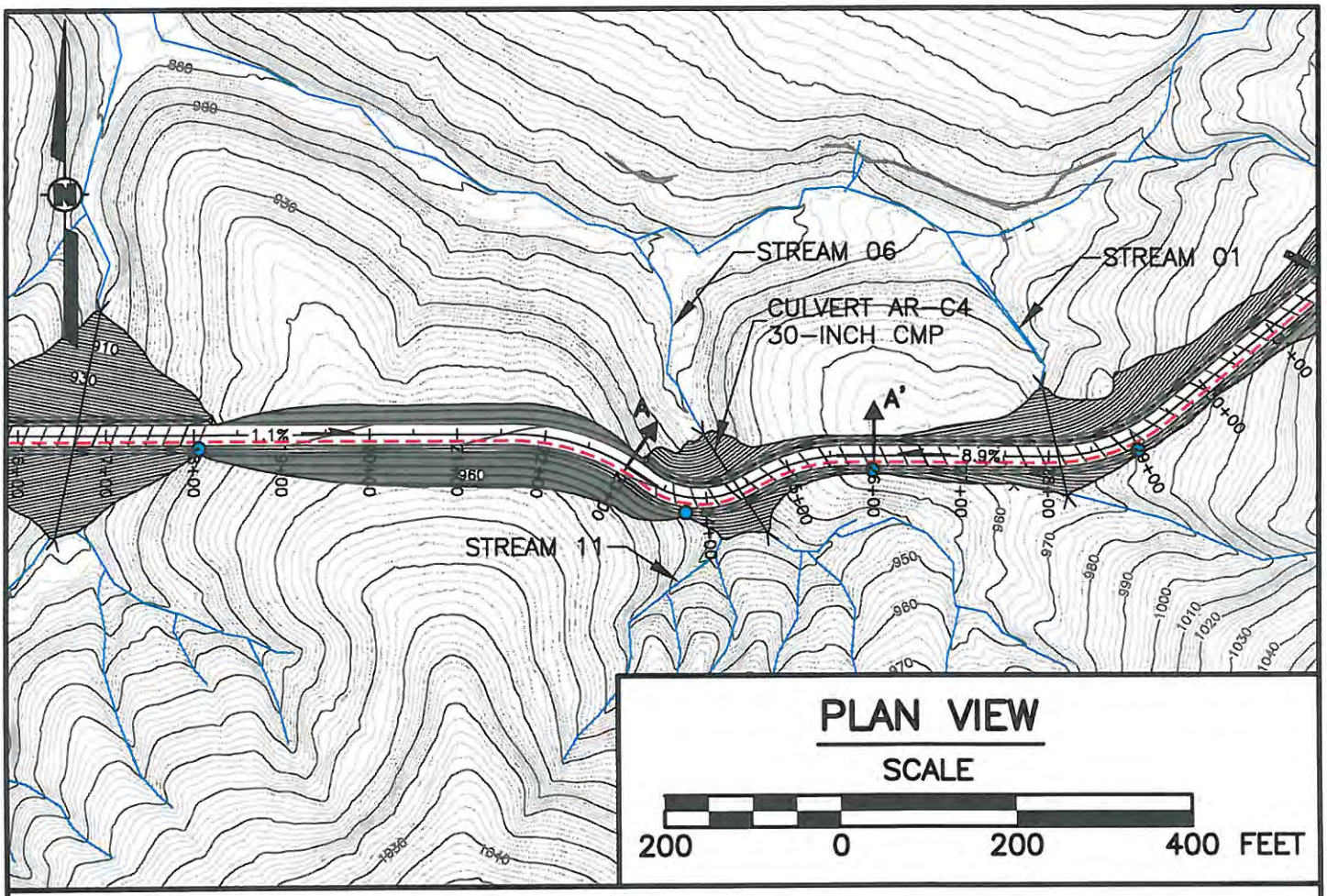
100 0 100 200 FEET

Alliance Consulting, Inc.
Engineers
Constructors
Scientists
BECKLEY, WV (304) 255-0491
CANONSBURG, PA (724) 745-3630
SUMMERSVILLE, WV (304) 883-2360

CULVERT AR-C3 PLAN AND SECTION

ANTERO LANDFILL
CLASS F INDUSTRIAL SOLID WASTE
DISPOSAL AND APPURTENANT FACILITIES
GREENWOOD, DODDRIDGE COUNTY, WEST VIRGINIA
PREPARED FOR
ANTERO TREATMENT, LLC
1615 WYNKOOP ST., DENVER, COLORADO 80202

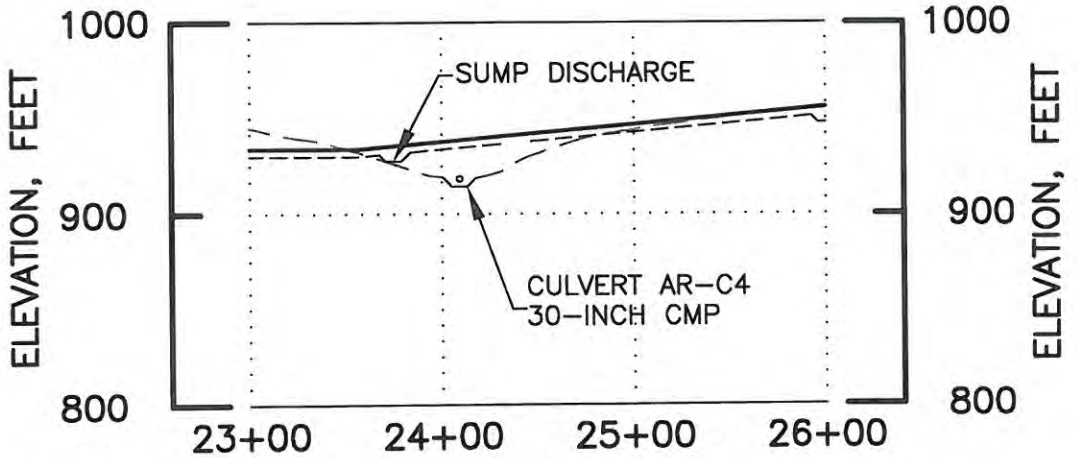
DRAWN BY	DJS	04/26/16
CHECKED BY		
APPROVED BY		
DRAWING NUMBER		FIGURE NUMBER
B15-146-A47		



PLAN VIEW

SCALE

200 0 200 400 FEET



SECTION A-A'

SCALE

100 0 100 200 FEET

Sheet 15 of 16

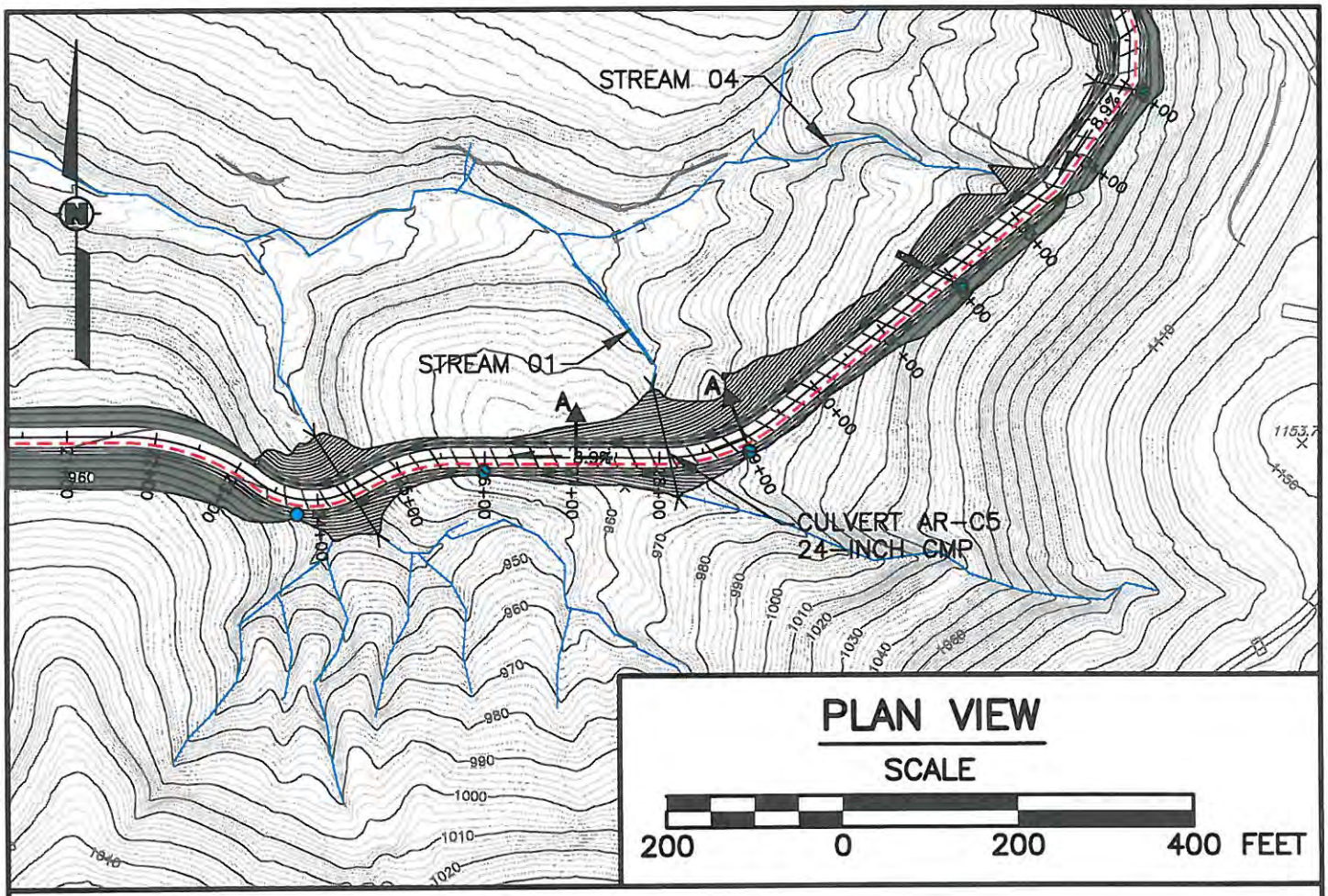
Alliance Consulting, Inc.
Engineers
Constructors
Scientists

BECKLEY, WV (304) 255-0491
CANONSBURG, PA (724) 745-3630
SUMMERSVILLE, WV (304) 883-2360

CULVERT AR-C4 PLAN AND SECTION

ANTERO LANDFILL
CLASS F INDUSTRIAL SOLID WASTE
DISPOSAL AND APPURTENANT FACILITIES
GREENWOOD, DODDRIDGE COUNTY, WEST VIRGINIA
PREPARED FOR
ANTERO TREATMENT, LLC
1615 WYNKOOP ST., DENVER, COLORADO 80202

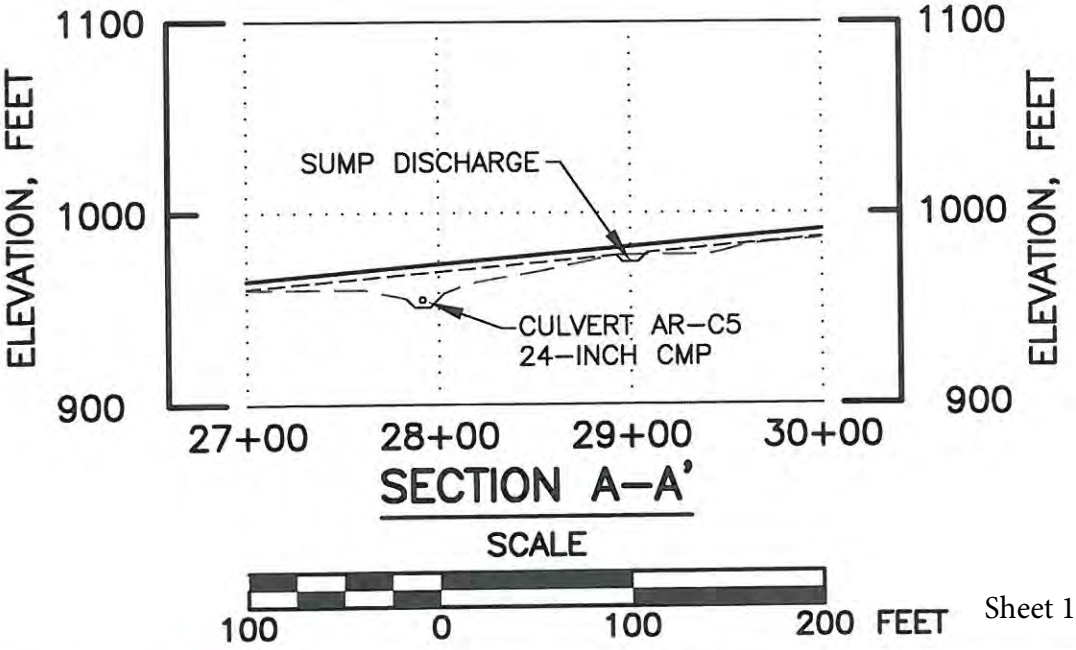
DRAWN BY	DJS	04/26/16
CHECKED BY		
APPROVED BY		
DRAWING NUMBER		FIGURE NUMBER
B15-146-A48		



PLAN VIEW

SCALE

200 0 200 400 FEET



SECTION A-A'

SCALE

100 0 100 200 FEET

Sheet 16 of 16

Alliance Consulting, Inc.
Engineers
Constructors
Scientists

BECKLEY, WV (304) 255-0491
CANONSBURG, PA (724) 745-3630
SUMMERSVILLE, WV (304) 883-2360

CULVERT AR-C5 PLAN AND SECTION

ANTERO LANDFILL
CLASS F INDUSTRIAL SOLID WASTE
DISPOSAL AND APPURTENANT FACILITIES
GREENWOOD, DODDRIDGE COUNTY, WEST VIRGINIA
PREPARED FOR
ANTERO TREATMENT, LLC
1615 WYNKOOP ST., DENVER, COLORADO 80202

DRAWN BY	DJS	04/26/16
CHECKED BY		
APPROVED BY		
DRAWING NUMBER		FIGURE NUMBER
B15-146-A49		