



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Solid Waste Management
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 14th Floor
Nashville, Tennessee 37243

December 1, 2023

Bishop Wagener, Director
Rutherford County Solid Waste
6000 Landfill Road
Smyrna, TN 37167

CERTIFIED MAIL
#7021 1970 0001 3191 4794
RETURN RECEIPT REQUESTED

RE: Registration of Convenience Center
Smyrna Convenience Center — CCC750000614

Dear Mr. Wagener:

Your application for registration of the Smyrna Convenience Center located in Rutherford County at 112 G Street, Smyrna, Tennessee (latitude 36.004722/longitude -86.498611), has been reviewed and approved. This letter will serve as official notice that the above-referenced facility has been registered by the Tennessee Department of Environment and Conservation (TDEC), Division of Solid Waste Management (DSWM) under Rule 0400-11-01-.02(2)(a)4 of Tennessee's Solid Waste Processing and Disposal Regulations. This facility shall be deemed to have a Permit-By-Rule, provided the criteria of Rule 0400-11-01-.10(3) are met, including the permit conditions as submitted with your application.

The registration number for this facility is CCC750000614. This number should be used on all reports and correspondence to TDEC or DSWM regarding this facility.

If you have questions concerning this letter, please feel free to contact Brianna Rives of this office by email at Brianna.Rives@tn.gov or call 615-308-0104.

Sincerely,

A handwritten signature in black ink, reading "Lisa A. Hughey". The signature is fluid and cursive, with the first name "Lisa" being the most prominent.

Lisa A. Hughey, CHMM
Director

cc: Jeff Postell, Montrose Environmental
Mike Horsley, DSWM, Nashville Environmental Field Office
Amy Katcher, DSWM, Materials Management Program
Records.SWM@tn.gov

SMYRNA CONVENIENCE CENTER RUTHERFORD COUNTY, TENNESSEE

TriAD Project 12-RSW01-01

Prepared for:



**Rutherford County Solid Waste Department
6000 Landfill Road
Murfreesboro, Tennessee 37130**

Prepared by:

**TriAD Environmental Consultants, Inc.
207 Donelson Pike
Nashville, Tennessee 37214**

August 15, 2023

**Smyrna Convenience Center
Rutherford County, Tennessee**

In accordance with Rule 0400-11-01-.02(2)(a), TriAD Environmental Consultants, Inc., has prepared this narrative description on behalf of the Rutherford County Solid Waste Department to address the Permit-By-Rule requirements for the proposed Smyrna Convenience Center located at 112 G Street in Smyrna, Tennessee. The convenience center will provide recycling and waste disposal services for residents of Smyrna and Rutherford County.

A drawing depicting the proposed facility layout and drainage features is provided in Attachment B. As proposed, vehicles will enter the facility from G street and proceed to designated unloading areas before exiting the facility onto 11th Avenue. The convenience center will offer separate areas to dispose of residential waste and recyclables. No medical or special wastes will be accepted at the facility. Perimeter fencing, locking gates, and an office building will be constructed to control access to the site.

According to Rule 0400-11-01-.02(2)(a)1, a convenience center shall be deemed to have a permit by rule if the following conditions are met:

- (i) Attach as part of the notification required by subpart (a)2.(iii) of this paragraph all attachments required pursuant to part (2)(b)1. Of Rule 0400-11-01-.10; and**

A signed copy of the Solid Waste Permit-by-Rule Notification, including a site location map (i.e., Site Vicinity Map) is provided in Attachment A. A design plan (i.e., Site Plan) is provided as Attachment B.

- (ii) Design and operate the facility in compliance with Rule 0400-11-01-.10;**

- (a) Access - The facility shall restrict unauthorized access by means of fencing with the ability to secure access points. Operating hours shall be posted at the facility.**

Unauthorized access at the facility will be restricted by 6-foot chain link perimeter fence and locking entry and exit gates. A sign will be posted at the facility entrance noting hours of operation.

- (b) Dust and Mud Control – In order to prevent the creation of a nuisance or safety hazard all surfaces utilized for access and general operation shall be paved (includes compacted stone).**

All surfaces utilized for convenience center access and operation will be paved with asphalt or concrete pavement and will be maintained to be accessible in all weather conditions.

(c) Run-on and Run-off Control

- i. In order to prevent operational hazard all run-on surface water shall be diverted around the facility.**

The facility will be graded to direct surface water run-on away from operational areas of the site. Storm water run-on control structures have been designed to accommodate a 10-year, 24-hour storm water event in accordance with the Rutherford County Stormwater Management Ordinance.

- ii. In order to prevent ponding of surface water, the surface of the facility shall be graded to assure proper runoff control. All runoff shall be diverted to an area that can be controlled with reference to release from the property. The release shall be properly graded and stabilized to prevent erosion or other damage to adjoining properties. Release of solids in the runoff must be controlled.**

The operational surfaces of the facility will be paved and graded to direct storm water runoff into a downgradient stormwater detention area. Riprap outlet protection at the discharge of the detention basin will prevent erosion prior to offsite discharge. Storm water runoff control structures have been designed to reduce runoff from the facility to below pre-development levels for the 100-year, 24-hour storm event. Good housekeeping practices and a porous forebay berm within the detention pond will prevent the release of solids in storm water runoff from the facility.

- (d) Fire Safety – The facility must have on-site, properly maintained, fire suppression equipment. Arrangements must be made with the nearest available fire protection agency to provide additional protection.**

Fire hydrants are located adjacent to the facility along G Street and 11th Avenue. Fire extinguishers will be available within the office building. Arrangements will be made with the Rutherford County Fire Department to provide additional protection.

- (e) Communication – There shall be maintained during operating hours on-site equipment capable of notifying the appropriate authorities of an emergency, unless it is demonstrated to the Commissioner's satisfaction that such requirement would be an unreasonable hardship at the convenience center location.**

All operators and supervisor(s) will be provided cellular telephones by Rutherford County for communication and to contact the appropriate authorities in the event of an emergency.

(f) Personnel Facilities

- i. **In order to provide shelter during inclement weather and store necessary records and supplies a suitable structure shall be provided on-site.**

*Necessary records and supplies will be stored in the office building.
Suitable shelter from inclement weather will be provided by the office.*

- ii. **Sanitary facilities shall be provided.**

Sanitary facilities will be provided for onsite personnel within the office building.

- (g) Water – Service water should be provided to the facility if equipment and/or the facility management requires such water for maintenance.**

No service water will be required during facility operation.

- (h) Process Water – If mechanical compaction is utilized all liquid generated by the equipment shall be collected and properly managed.**

Compactors at the facility will be equipped with drip pans to collect liquids generated by mechanical compaction. Sorbent materials will be used, as necessary, to solidify and recover collected liquids. Solidified liquids will be placed in solid waste containers designated for such storage prior to disposal at a permitted, offsite Class I landfill.

(i) Waste Handling

- i. **Recycled material shall be placed in separate receiving containers;**

Recyclable materials will be stored in separate receiving containers designed and designated for such storage.

- ii. **All waste handling (including loading and unloading) shall be conducted on paved surfaces (pavement includes compacted stone);**

All waste handling, including loading and unloading, will be conducted on asphalt or concrete pavement.

- iii. **There is no storage of solid waste at the facility except in containers, bins, or on paved surface designed for such storage;**

Solid waste will be stored on asphalt or concrete pavement in roll-off containers designed for such storage.

- iv. **All litter shall be collected at the beginning and end of each working day. Incidents of illegal dumping shall be reported to local authorities and addressed in the annual revision of the solid waste plan.**

Litter will be collected and properly disposed of at the beginning and end of each working day. Incidents of illegal dumping will be reported to local authorities and addressed in the annual revision to the solid waste plan.

- (j) **Facility Supervision – Trained personnel must always be present during operating hours. Training will be established per T.C.A. § 68-211-853.**

Adequately trained and experienced operators and/or supervisor(s) will be present at the facility during operating hours.

(k) Siting Restrictions

- i. **Convenience centers shall not be located within wetlands, unless the owner or operator makes the applicable demonstrations to the Commissioner as referenced at subparagraph (2)(p) of Rule 0400-11-01.04.**

No wetlands are located within the proposed facility boundary.

- ii. **The facility must not be located in a 100-year floodplain, unless the demonstration is made to the Commissioner as required at subparagraph (2)(n) of Rule 0400-11-01.04.**

As depicted on the Federal Emergency Management Agency (FEMA), Flood Insurance Rate Maps for Rutherford County, Tennessee (Map No.: 47149C0040K) and the Site Plan in Attachment B, operational areas of the facility will not be located within a 100-year floodplain. The facility has been designed in accordance with Rutherford County Land Disturbance Permit requirements and will not restrict the flow of the 100-year floodplain nor reduce the temporary water storage capacity of the floodplain. The facility has been designed and will be constructed and operated to prevent the washout of any solid waste.

- iii. **The facility must not cause or contribute to the taking of any endangered or threatened species of plants, fish, or wildlife; or result in the destruction or adverse modification of a critical habitat.**

The facility will not cause or contribute to the taking of any endangered or threatened species of plant, fish, or wildlife; or result in the degradation or adverse modification of a critical habitat.

- iv. **New convenience centers must not be located within fifty (50) feet of streams. In order to protect these, the area within the fifty feet must have a stable vegetative cover.**

The proposed facility is not located within 50 feet of a stream.

- (l) **The facility shall not receive special waste unless approval is received from the Department in writing. Approval will require the construction of special containment areas.**

No special waste will be accepted at the facility.

- (m) **The facility shall not receive medical waste.**

No medical waste will be accepted at the facility.

ATTACHMENT A



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
WILLIAM R. SNODGRASS TENNESSEE TOWER
312 ROSA L. PARKS AVENUE, 14TH FLOOR
NASHVILLE, TN 37243

SOLID WASTE PERMIT-BY-RULE NOTIFICATION

1. REVIEW FEE ENCLOSED?

☐

YES

☐

NEW PROCESSING
FACILITY (\$1,000)

☐

NO

☐

NEW TRANSFER
STATION (\$500)

2. TYPE OF PERMIT- BY- RULE REQUESTED

☐

COMPOST FACILITY

☐

LAND APPLICATION

☐

TIRE STORAGE FACILITY

☐

NEW FACILITY

☒

CONVENIENCE CENTER

☐

PROCESSING FACILITY

☐

TRANSFER STATION

☐

AMENDMENT TO
EXISTING PERMIT

PROCESSING FACILITIES ONLY

IS THIS FACILITY
SUBJECT TO "THE
JACKSON LAW"?

☐

YES

☐

NO

3. FACILITY INFORMATION

FULL LEGAL NAME OF FACILITY

Smyrna Convenience Center

FACILITY LOCATION COUNTY

Rutherford

LATITUDE (DECIMAL DEGREES)

36.004722

PHYSICAL LOCATION OR ADDRESS OF FACILITY

112 G Street

CITY

Smyrna

STATE

TN

ZIP

37167

LONGITUDE (DECIMAL DEGREES)

-86.498611

FACILITY MAILING ADDRESS

6000 Landfill Road

CITY

Smyrna

STATE

TN

ZIP

37130

FACILITY EMAIL

bwagener@rutherfordcountyttn.gov

FACILITY MANAGER OR SITE OPERATOR

Bishop Wagener

PHONE (WITH AREA CODE)

615-295-9716

AFFILIATION OF SITE OPERATOR (IF DIFFERENT FROM PERMITTEE)

4. APPLICANT (PERMITTEE)

APPLICANT NAME

Rutherford County Solid Waste Department

PHONE (WITH AREA CODE)

EMAIL

RESPONSIBLE OFFICIAL / TITLE

Solid Waste Director

PHONE (WITH AREA CODE)

615-898-7739

EMAIL

bwagener@rutherfordcountyttn.gov

RESPONSIBLE OFFICIAL MAILING ADDRESS

6000 Landfill Road

CITY

Smyrna

STATE

TN

ZIP

37130

LANDOWNER NAME

Rutherford County

LANDOWNER MAILING ADDRESS

6000 Landfill Road

CITY

Smyrna

STATE

TN

ZIP

37130

⇒ 

LANDOWNER SIGNATURE

LANDOWNER SIGNATURE

LANDOWNER SIGNATURE

8/15/2023
DATE

5. WASTE HANDLING

DESCRIPTION OF ACTIVITIES AND WASTES HANDLED OR PROCESSED

The convenience center will provide disposal for residents of Smyrna and Rutherford County, Tennessee. Materials to be accepted will include residential waste, recyclables, and auto fluids.

AMOUNT OF WASTE HANDLED, PROCESSED OR STORED

WEIGHT
TONS / DAY

VOLUME
YARDS / DAY

STORAGE MAX
CU YARDS

6. CERTIFICATION REQUIRED

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

⇒ 

SIGNATURE OF RESPONSIBLE OFFICIAL

Solid Waste Director

TITLE

Bishop T. Wagener

PRINTED NAME

8/15/2023

DATE

⇒ 

SIGNATURE OF NOTARY

10.22.2023

DATE COMMISSION EXPIRES



(NOTARY SEAL)

Re: Smyrna Convenience Center CCC750000614

Maria Bolen <Maria.Bolen@tn.gov>

Fri 11/17/2023 10:53 AM

To: Jeff Postell <jpostell@triadenv.com>

Ok, thanks for the information

From: Jeff Postell <jpostell@triadenv.com>

Sent: Friday, November 17, 2023 10:39 AM

To: Maria Bolen <Maria.Bolen@tn.gov>

Subject: [EXTERNAL] RE: Smyrna Convenience Center CCC750000614

They plan to have four 30-CY receivers and eight 30-CY open tops in operation at any time. Additionally they will have four empty receivers and four empty open tops in reserve.

So assume 20 30-CY containers onsite at any one time. That would be 600 CY total capacity.

Jeff Postell, P.E.

Associate Engineer

Montrose Environmental

Nashville, TN | US Central Time

Office: 615-889-6888 | Mobile: 615-417-8050

jpostell@montrose-env.com

From: Maria Bolen <Maria.Bolen@tn.gov>

Sent: Friday, November 17, 2023 10:30 AM

To: Jeff Postell <jpostell@triadenv.com>

Subject: Re: Smyrna Convenience Center CCC750000614

Thanks Jeff...what about estimated storage?

I think that should be all I need to get the draft approval letter to Mike and the Central Office.

Maria Bolen | Environmental Protection Specialist 3
Division of Solid Waste Management
711 R.S. Gass Boulevard
Nashville, TN 37243
p. 615-557-7652
Maria.Bolen@tn.gov
tn.gov/environment

Internal Customers: We value your feedback! Please complete our [customer satisfaction survey](#).

External Customers: We value your feedback! Please complete our [customer satisfaction survey](#).

From: Jeff Postell <jpostell@triadenv.com>
Sent: Friday, November 17, 2023 10:29 AM
To: Maria Bolen <Maria.Bolen@tn.gov>
Subject: [EXTERNAL] RE: Smyrna Convenience Center CCC750000614

Maria,

Estimated throughput:
15 tons/day for waste
4 tons/day of recycled material

Let me know if you need anything else.

Jeff Postell, P.E.
Associate Engineer
Montrose Environmental
Nashville, TN | US Central Time
Office: 615-889-6888 | Mobile: 615-417-8050
jpostell@montrose-env.com

From: Maria Bolen <Maria.Bolen@tn.gov>
Sent: Thursday, November 16, 2023 1:48 PM
To: Jeff Postell <jpostell@triadenv.com>
Subject: Re: Smyrna Convenience Center CCC750000614

One last question...can you provide the estimated throughput of waste handled at the convenience center?



Maria Bolen | Environmental Protection Specialist 3

Division of Solid Waste Management

711 R.S. Gass Boulevard

Nashville, TN 37243

p. 615-557-7652

Maria.Bolen@tn.gov

tn.gov/environment

Internal Customers: We value your feedback! Please complete our [customer satisfaction survey](#).

External Customers: We value your feedback! Please complete our [customer satisfaction survey](#).

From: Jeff Postell <jpostell@triadenv.com>

Sent: Wednesday, November 15, 2023 4:15 PM

To: Maria Bolen <Maria.Bolen@tn.gov>

Cc: Mike Horsley <Mike.Horsley@tn.gov>; Bishop Wagener <bwagener@rutherfordcountyttn.gov>

Subject: [EXTERNAL] RE: Smyrna Convenience Center CCC750000614

***** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. *****

Maria,

Here is the application with the FEMA map included. Please let me know if you have any questions.

Thank you.

Jeff Postell, P.E.

Senior Engineer

Montrose Environmental

Nashville, TN | US Central Time

Office: 615-889-6888 | Mobile: 615-417-8050

jpostell@montrose-env.com

From: Maria Bolen <Maria.Bolen@tn.gov>
Sent: Wednesday, November 15, 2023 1:57 PM
To: Jeff Postell <jpostell@triadenv.com>
Cc: Mike Horsley <Mike.Horsley@tn.gov>; Bishop Wagener <bwagener@rutherfordcountyttn.gov>
Subject: Smyrna Convenience Center CCC750000614

Jeff,

Can you please provide the FEMA flood map referenced in the application (Federal Emergency Management Agency (FEMA), Flood Insurance Rate Maps for Rutherford County, Tennessee Map No.: 47149C0040K)?

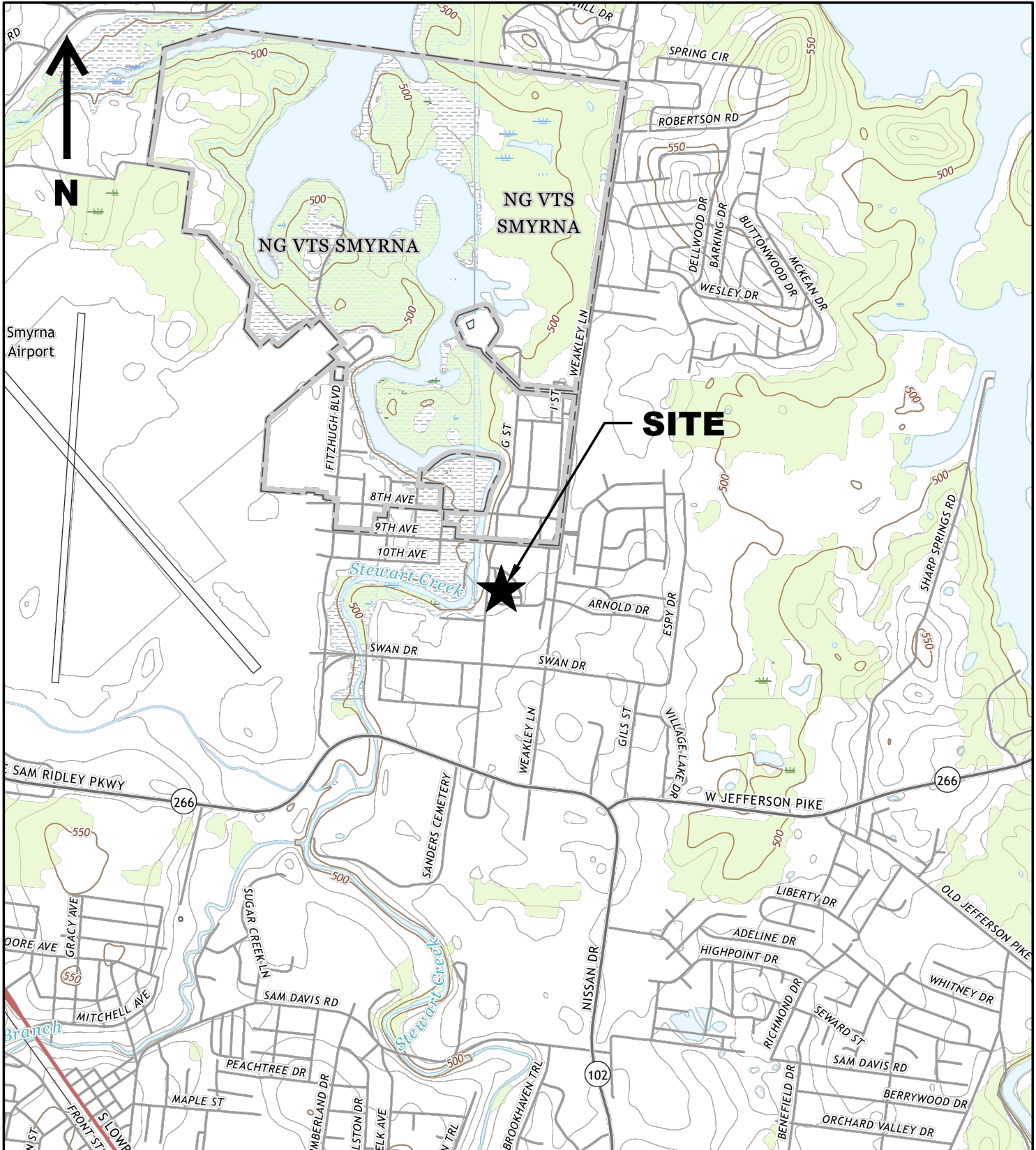
Thank you!



Maria Bolen | Environmental Protection Specialist 3
Division of Solid Waste Management
711 R.S. Gass Boulevard
Nashville, TN 37243
p. 615-557-7652
Maria.Bolen@tn.gov
tn.gov/environment

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External Customers: We value your feedback! Please complete our [customer satisfaction survey](#).



SOURCE: USGS 7.5-MINUTE GLADEVILLE, LAVERGNE, SMYRNA, AND WALTERHILL, TENNESSEE 2019 QUADRANGLES.

PREPARED BY:

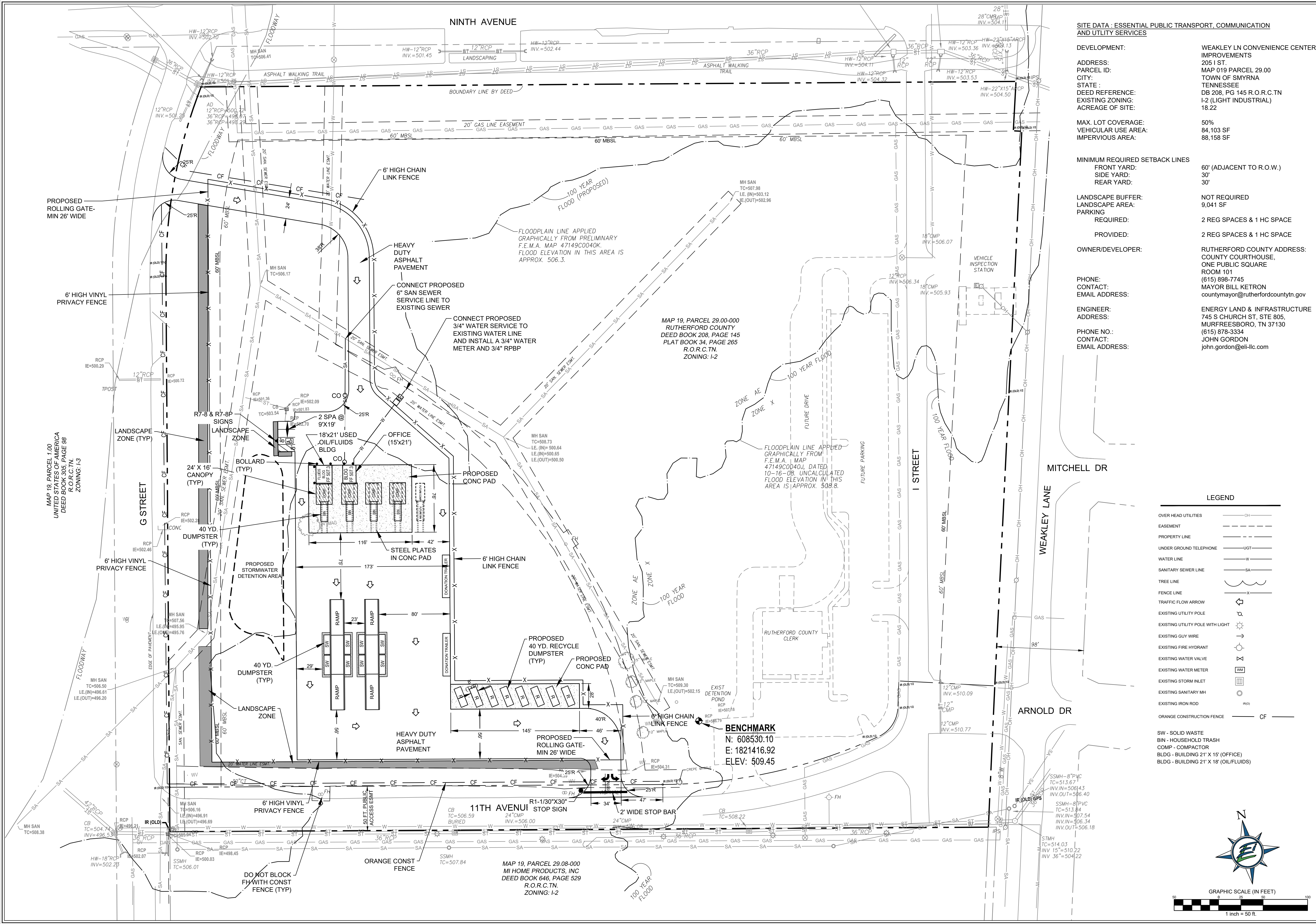


ENVIRONMENTAL CONSULTANTS, INC.
Suite 200, 207 Donelson Pike, Nashville, TN 37214
615-889-6888 fax 615-889-4004

FIGURE 1: VICINITY MAP
SMYRNA CONVENIENCE CENTER
RUTHERFORD COUNTY SOLID WASTE DEPARTMENT

DWG. DATE: 08/10/23	PROJECT NO.: 12-RSW01-01
SCALE: 1:24,000	SHEET 1 OF 1

ATTACHMENT B



SITE DATA : ESSENTIAL PUBLIC TRANSPORT, COMMUNICATION AND UTILITY SERVICES

DEVELOPMENT: WEAKLEY LN CONVENIENCE CENTER IMPROVEMENTS
205 I ST.
MAP 019 PARCEL 29.00
TOWN OF SMYRNA
TENNESSEE
DB 208, PG 145 R.O.R.C.TN
I-2 (LIGHT INDUSTRIAL)
18.22

MAX. LOT COVERAGE: 50%
VEHICULAR USE AREA: 84,103 SF
IMPERVIOUS AREA: 88,158 SF

MINIMUM REQUIRED SETBACK LINES
FRONT YARD: 60' (ADJACENT TO R.O.W.)
SIDE YARD: 30'
REAR YARD: 30'

LANDSCAPE BUFFER: NOT REQUIRED
LANDSCAPE AREA: 9,041 SF
PARKING REQUIRED: 2 REG SPACES & 1 HC SPACE
PROVIDED: 2 REG SPACES & 1 HC SPACE

OWNER/DEVELOPER: RUTHERFORD COUNTY ADDRESS:
COUNTY COURTHOUSE,
ONE PUBLIC SQUARE
ROOM 101
(615) 898-7745
MAYOR BILL KETRON
countymayor@rutherfordcountyttn.gov

PHONE: ENERGY LAND & INFRASTRUCTURE
CONTACT: 745 S CHURCH ST, STE 805,
EMAIL ADDRESS: MURFREESBORO, TN 37130
(615) 878-3334
JOHN GORDON
john.gordon@eli-llc.com

LEGEND

- OVER HEAD UTILITIES — OH —
- EASEMENT — — — — —
- PROPERTY LINE — — — — —
- UNDER GROUND TELEPHONE — UGT —
- WATER LINE — W —
- SANITARY SEWER LINE — SA —
- TREE LINE — — — — —
- FENCE LINE — — — — —
- TRAFFIC FLOW ARROW — — — — —
- EXISTING UTILITY POLE — — — — —
- EXISTING UTILITY POLE WITH LIGHT — — — — —
- EXISTING GUY WIRE — — — — —
- EXISTING FIRE HYDRANT — — — — —
- EXISTING WATER VALVE — — — — —
- EXISTING WATER METER — — — — —
- EXISTING STORM INLET — — — — —
- EXISTING SANITARY MH — — — — —
- EXISTING IRON ROD — — — — —
- ORANGE CONSTRUCTION FENCE — CF —

SW - SOLID WASTE
BIN - HOUSEHOLD TRASH
COMP - COMPACTOR
BLDG - BUILDING 21' X 15' (OFFICE)
BLDG - BUILDING 21' X 18' (OIL/FLUIDS)

GRAPHIC SCALE (IN FEET)
1 inch = 50 ft.

ENERGY LAND & INFRASTRUCTURE
745 S CHURCH STREET SUITE 805
MURFREESBORO, TN 37130
OFFICE 615-383-6300 • WWW.ELI-LLC.COM
ENGINEERS • SURVEYORS • INFRASTRUCTURE • ENVIRONMENTAL

RUTHERFORD COUNTY
SMYRNA CONVENIENCE CENTER
TOWN OF SMYRNA
RUTHERFORD COUNTY, TENNESSEE

Rev.	Date	Revision Description
1	10-20-21	Relocated Entrance into Site

Issue Date: SEPT 2021
ELI Project No: 21-12-1501
Drafted By: DKH
Checked By: JRG

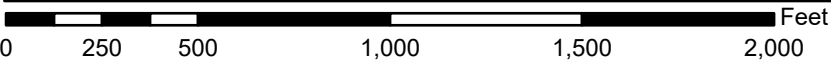
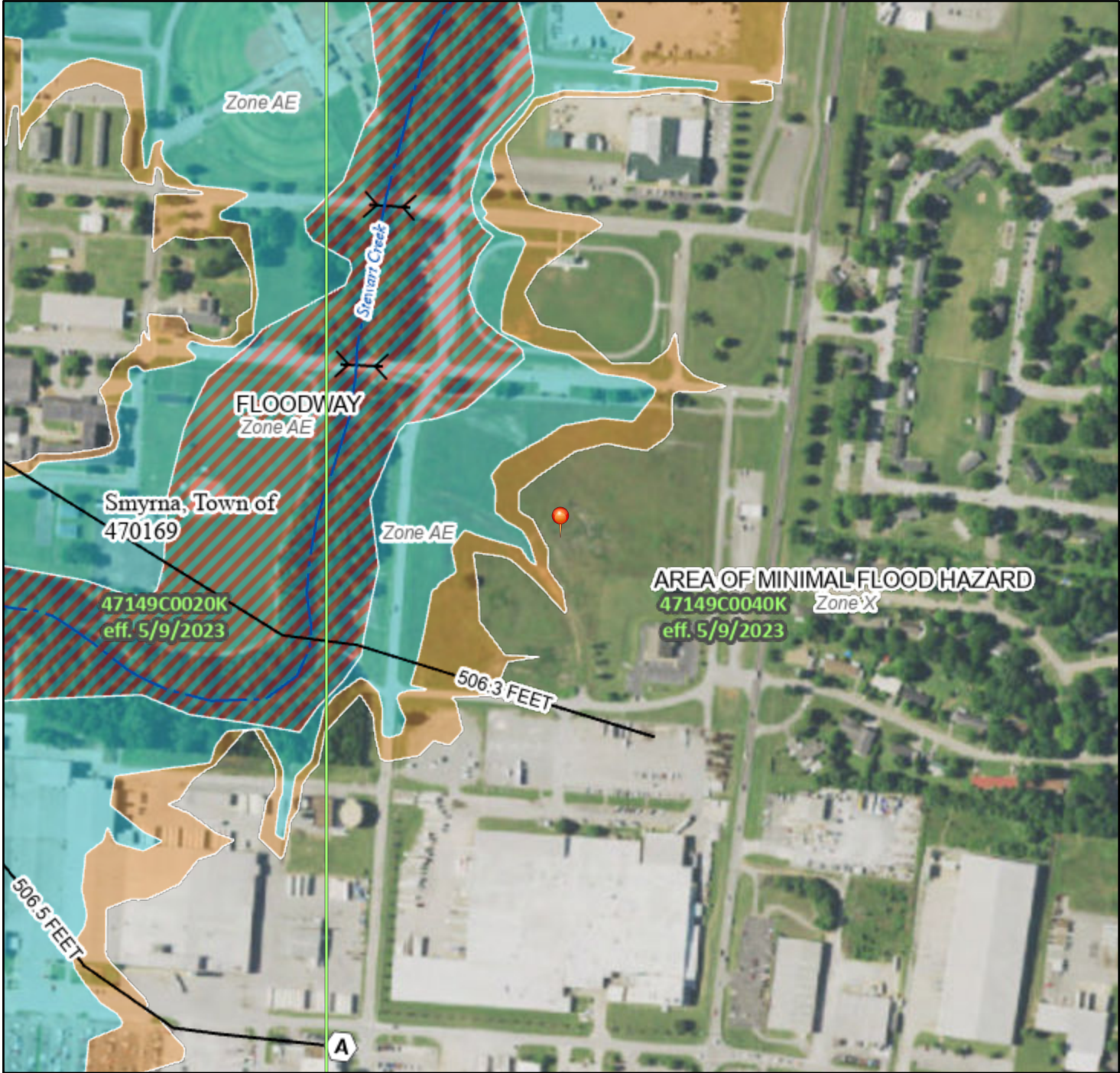
Sheet Title:
SITE PLAN

Sheet No.
C 2.0

National Flood Hazard Layer FIRMMette



86°30'11"W 36°0'33"N



1:6,000

86°29'33"W 36°0'4"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/15/2023 at 5:06 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.