



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Pollution Control

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243
1-888-891-8332 (TDEC)

Notice of Intent (NOI) for General NPDES Permit for Stormwater Discharges from Construction Activities (TNR100000)

Site or Project Name: 26th + Clarksville Apartments, Phase 2
Street Address or Location: 2121 26th Ave. North, Nashville 37208
Site Description: Residential Apartment Building
County(ies): Davidson
MS4 Jurisdiction (if applicable): Metro Nashville
NPDES Tracking Number: TNR
Construction Start Date: 3/2018
Estimated End Date: 3/2019
Latitude (dd.dddd): 36.1860
Longitude (-dd.dddd): -86.8194
Acres Disturbed: 3.30
Total Acres: 5.63

Check the appropriate box(s) if there are streams and/or wetlands on or adjacent to the construction site: Streams [] Wetlands []
If wetlands are located on-site and may be impacted, attach wetlands delineation report.
If an Aquatic Resource Alteration Permit (ARAP) has been obtained for this site, what is the permit number?
Receiving waters: 3,175' down unnamed tributary to the Cumberland River

Attach the SWPPP with the NOI: [X] SWPPP Attached Attach a site location map: [X] Map Attached
Site Owner/Developer Entity (Primary Permittee): (person, company, or legal entity that has operational or design control over construction plans and specifications): Urban Housing Solutions, Inc.
For corporate entities only, provide the Tennessee Secretary of State (SOS) Control Number: 240804
Site Owner or Developer Contact Name: (individual responsible for site) Rusty Lawrence Title or Position: (the party who signs the certification below): Executive Director
Mailing Address: 822 Woodland Street City: Nashville State: TN Zip: 37206
Phone: (615) 726-2696 x115 Fax: (615) 726-3794 E-mail: rusty@urbanhousingsolutions.org

Optional Contact: Brent Elrod Title or Position: Director of Planning & Development
Mailing Address: 822 Woodland Street City: Nashville State: TN Zip: 37206
Phone: (615) 726-2696 x124 Fax: (615) 726-3794 E-mail: brent@urbanhousingsolutions.org

Owner or Developer Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Primary Permittee)
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..
Owner or Developer Name: (print or type) Rusty Lawrence Signature: [Signature] Date: 12/21/17

Contractor(s) Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Secondary Permittee)
I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, and for failure to comply with these permit requirements. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.
Contractor name, address, and SOS control number (if applicable): Signature: Date:
Contractor name, address, and SOS control number (if applicable): Signature: Date:

OFFICIAL STATE USE ONLY
Received Date: 1-5-18 Reviewer: Field Office: 04 Permit Number: TNR 242282 Exceptional TN Water:
Fee(s): 250. T & E Aquatic Flora/Fauna: SOS Corporate Status: Waters with Unavailable Parameters: Notice of Coverage Date:

URBAN HOUSING SOLUTIONS, INC.

822 WOODLAND STREET
NASHVILLE, TN 37206

05-06
RENASANT BANK
1820 WEST END AVENUE
NASHVILLE, TN 37203

31121

65-129/842

12/21/2017

PAY TO THE
ORDER OF

TN Dept Env & Conservation

\$ **250.00

Two Hundred Fifty and 00/100

DOLLARS

TN Dept Env & Conservation
Division of Fiscal Services - Fee Section
312 Rosa L. Parks Ave - 10th Floor
Nashville, TN 37243



VOID AFTER 90 DAYS
[Handwritten Signature]
AUTHORIZED SIGNATURE

MEMO

TDEC Stormwater Permit 26th, PH II

Security features included. Details on back.

MP

URBAN HOUSING SOLUTIONS, INC.

31121

TN Dept Env & Conservation

Date Type Reference
12/18/2017 Bill 171218

Original Amt.
250.00

Balance Due
250.00

12/21/2017

Discount

Payment

250.00

Check Amount

250.00

Renasant- Operating

TDEC Stormwater Permit 26th, PH II

250.00

TDEC
NASHVILLE
FIELD OFFICE
RECEIVED

2018 JAN -5 AM 9:26

KLOBER
ENGINEERING SERVICES

**3556 Tom Austin Hwy, Suite 7
Springfield, TN 37172
(615) 382-2000**

January 2, 2018

TDEC Nashville Field Office
711 R S Gass Boulevard
Nashville, TN 37243

RE: Storm Water Pollution Prevention Plan for 26th & Clarksville Apartments, Phase
2, 2121 26th Ave. North, Nashville, TN 37208

To Whom It May Concern:

Please find attached the original copy of the SWPPP and NOI for referenced site above.
The maximum disturbed area is 3.30 acres and the required fee of \$250.00 is included. If
you have any questions please call KES at (615) 382-2000.

Sincerely,



Josh Lyon, P.E.
Project Manager

2018 JAN -5 AM 9: 26

Storm Water Pollution Prevention Plan

PREPARED FOR:

**26TH & CLARKSVILLE PHASE 2 APARTMENTS
2121 26TH AVE. NORTH
NASHVILLE, TN**

Davidson County

Prepared By

KLOBER ENGINEERING SERVICES
3556 Tom Austin Hwy, Suite 7
Springfield, Tennessee 37172
(615) 382-2000

December 21, 2017

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GENERAL INFORMATION

This Storm Water Pollution Prevention Plan (SWPPP) is developed in accordance with the Tennessee General NPDES Permit (TNR 100000) for Storm Water Discharges Associated with Construction Activity (TNCGP), and is prepared using sound engineering practices. Klobber Engineering Services personnel involved with the development of this plan have completed the *Fundamentals of Erosion Prevention and Sediment Control Workshop* available from the State of Tennessee.

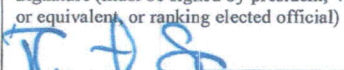
As instructed by Part III.F of the TNCGP, this plan and all attachments are hereby submitted to the local Environmental Assistance Center (FIELD OFFICE) along with the complete, correctly signed Notice of Intent (NOI). Construction will not be initiated prior to 30 days from the date of submittal of this document, or prior to receipt of a Notice of Coverage (NOC) from the Tennessee Department of Environment and Conservation (TDEC).

Owner/Developer: Urban Housing Solutions, Inc.

Name: ~~Drent Elrod~~ Rusty Lawrence

Address: 822 Woodland Street
Nashville, TN 37206

I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility for fine and imprisonment for knowing violations.

Representative of owner/developer and title: print or type Rusty Lawrence	Signature (must be signed by president, V.P. or equivalent, or ranking elected official) 	Date: 10/18/17
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Primary Contractor:

Name:

Address:

I certify under penalty of law that I have reviewed this document and any attachments. Based on my inquiry of the construction site, owner/developer identified above, and/or my inquiry of the person directly responsible for assembling this Storm Water Pollution Plan, I believe the information submitted is accurate. I am aware that this Plan, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, and for failure to comply with these permit requirements.

Company name of private contractor: print or type	Signature (must be signed by president, V.P. or equivalent.)	Date:
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The individual responsible for installation, maintenance, and inspection of erosion and sediment control measures is a certified EPSC and representative of the primary contractor. The contractor is aware of the stipulations for maintenance and inspection detailed in this manuscript and the TDEC regulations that must be upheld.

Current versions of this SWPPP, the NOI, and the NOC will be kept on the site for the duration of the project. These items will be available for the use of all operators and site personnel involved with the erosion and sediment controls, and will be available to TDEC personnel visiting the site. A notice will be posted near the construction entrance. The notice will contain a copy of the NOC with the tracking number assigned by the FIELD OFFICE, the name and telephone number of a contact person for the development, and a brief description of the project. See attached EPSC plan for mailbox location.

Any new contractor on the project that has any responsibility to install, inspect, or maintain erosion or sediment control measures will sign the contractor's certification on a copy of the NOI (Appendix A) and will submit it to the local FIELD OFFICE. Any correspondence with TDEC or any FIELD OFFICE will reference the tracking number assigned by TDEC to the project. Klober Engineering Services will submit a Notice of Termination (NOT; Appendix B) after the complete installation and successful establishment of the final stabilization activities at the site.

It is the intention and goal of the TNCGP and this SWPPP that any discharge from the property described in this document have no objectionable color contrasts to the water body that receives it. The construction activity will be carried out in a manner as will prevent any discharge that would cause a condition in which visible solids, bottom deposits, or turbidity impairs the usefulness of the waters on the property or downstream of the property for fish and aquatic life, livestock watering and wildlife, recreation, irrigation, navigation, or industrial or domestic water supply.

This plan may be amended for reasons described below, or for other reasons. When the plans are revised, the contractor will implement the changes to erosion protection and sediment controls within 48 hours after the need for modification is identified.

QUALITY ASSURANCE SITE ASSESSMENT

Quality assurance of erosion prevention and sediment controls shall be done by performing site assessment at the construction site. The site assessment shall be conducted at each outfall involving drainage totaling 10 or more acres or 5 or more acres if draining to an impaired or exceptional quality waters, within a month of construction commencing at each portion of the site that drains the qualifying acreage of such portion of the site. The site assessment shall be performed by individuals with following qualifications:

- a licensed professional engineer or landscape architect;
- a Certified Professional in Erosion and Sediment Control (CPESC) or
- a person that successfully completed the “Level II Design Principles for Erosion Prevention and Sediment Control for Construction Sites” course.

As a minimum, site assessment should be performed to verify the installation, functionality and performance of the EPSC measures described in this SWPPP. The site assessment should be performed with the inspector, and should include a review and update (if applicable) of this SWPPP. Modifications of plans and specifications for any building or structure, including the design of sediment basins or other sediment controls involving structural, hydraulic, hydrologic or other engineering calculations shall be prepared by a licensed professional engineer or landscape architect and stamped and certified in accordance with the Tennessee Code Annotated, Title 62, Chapter 2 and the rules of the Tennessee Board of Architectural and Engineering Examiners.

The site assessment findings shall be documented and the documentation kept with this SWPPP at the site. At a minimum, the documentation shall include information included in the inspection form provided in Appendix C of this permit. The documentation must contain the printed name and signature of the individual performing the site assessment and the following certification:

“I certify under penalty of law that this report and all attachments are, 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 for knowing violations.”

The site assessment can take the place of one of the twice weekly inspections.

The division may require additional site assessment(s) to be performed if site inspection by division’s personnel reveals site conditions that have potential of causing pollution to the waters of the state.

EXISTING SITE CONDITIONS

The existing site is currently partially developed with apartment buildings constructed for Phase 1. Runoff is conveyed by sheet flow to the south west corner of the property. The entire site drains down an unnamed tributary approximately 3,175' to the Cumberland River. A brief description of each soil that was taken for the Soil Survey of Davidson County Tennessee and the online resource Web Soil Survey at <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx> is listed below and is located on the soil map MP-2. Outfall points are identified on sheet MP-3.

Davidson County, Tennessee

Map Unit: MsD—Mimosa-Urban land complex, 2 to 15 percent slopes

Component: Mimosa (50%)

The Mimosa component makes up 50 percent of the map unit. Slopes are 2 to 15 percent. This component is on hillslopes on basins. The parent material consists of clayey residuum weathered from limestone. Depth to a root restrictive layer, bedrock, lithic, is 39 to 59 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Component: Urban land (40%)

Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

PROJECT DESCRIPTION

The intent of this project is to construct an apartment building for Phase 2 of this development. The maximum disturbed area as shown on MP-3 is 3.30 acres with a total site area of 5.63 acres. Stormwater runoff will be directed to three enlarged bioretention ponds to the east for quality and quantity treatment and then directed to the existing drainage conveyance. The project is located at the west side of Clarksville Pike, Nashville, TN. The stormwater BMP's are listed below and are to be installed as per TDEC regulations and standards. The BMP's are shown on drawings MP-3 and MP-4.

BMP's to be Utilized on Site:

All BMP's to be installed and maintained as per the most current edition of the TDEC Erosion and Sediment Control Handbook. EPSCs have been designed to control the rainfall and runoff from a 2 year, 24 hour return interval storm.

- SF- Silt Fence (Type A)
- CE-Construction Entrance
- CW – Concrete Washout
- OP-Outlet Protection
- RE – Rolled Erosion Control Matting
- SS – Seed and Straw
- SO – Sod
- MU – Hardwood Mulch

Maintenance & Inspection:

The intent of a SWPPP is to produce a site that mitigates the quantity of erosion and “polluted” runoff. The BMP's shown on sheets MP-3 and MP-4 shall be installed as per TDEC Erosion and Sediment Control Handbook. The BMP's shall be inspected prior to every storm event, when possible, and after all storm events. Upon these inspections if the repair, removal, or modification is necessary the BMP's must be replaced immediately. In the event that the replacement of the BMP's cannot take place immediately the issue must be resolved within 7 days.

The inspections completed on site must be conducted by an inspector that has successfully completed the “Fundamentals of Erosion Prevention and Sediment Control” or equivalent course. A copy of the inspector's certification or training record must be kept on site at all times. Inspections shall occur at a minimum of twice a week with the inspection occurring more than 72 hours apart. A written record shall be kept on the form attached in Appendix C. Construction inspections shall occur at least once a month on areas that have been permanently stabilized. Additionally, all inspection and maintenance regulations are as written in the Tennessee General Stormwater Permit Sections 3.5.7 & 3.5.8.

303(d) SPECIAL REQUIREMENTS

In order to maintain the appropriate levels of runoff control every month qualified personnel will conducted a visual inspection of the property to insure that all erosion control measures a being properly maintained and are effective. Also, upon the occurrence of a storm event of 0.5 inches or greater an inspection is to be conducted within 24 hours. If during these inspections repair and /or maintenance are needed then these actions must be documented.

In the case that the specified erosion control measures are deemed ineffective then Klober Engineering Services is responsible for making the necessary revisions to the plans and the contractor is responsible for implementing these revisions.

The monthly inspection report is located in appendix C.

SAFE DAMS ACT INFORMATION

No elements of this project meet the definition of 'dams' as found in Chapter 1200-5-7 of the Rules of the Department of Environment and Conservation, Division of Water Supply, concerning the Safe Dams Act of 1973. Therefore, no certification is required for construction.

SPILLS AND NON-STORM WATER CONTINGENCIES

All fueling of equipment and vehicles on-site will be conducted at a future designated location. Any spillage will be removed immediately. Contaminated soils will be placed in heavy plastic and covered or placed into approved containers to prevent contact with storm water. All fuel tanks will be in the designated area. Oils, other vehicle fluids, paints and solvents will be stored in the construction trailer. Any spill in excess of two gallons will be reported to a senior representative of the primary contractor as notified previously in this document. A spill response contractor will be designated prior to any construction activity.

If a release containing a hazardous substance in an amount equal to or in excess of a reporting quantity established under either 40 CFR 117 or 40 CFR 302 occurs during a 24-hour period, the contractor shall immediately notify the permittee who shall then do the following: notify the National Response Center (NRC) (800-424-8802) and the Tennessee Emergency Management Agency (TEMA) (emergencies: 800-262-3300; non-emergencies: 800-262-3400); as well as the local FIELD OFFICE. Also, Klober Engineering Services will prepare a revision of this document to identify measures to prevent the reoccurrence of such releases.

Concrete trucks shall wash out at the designated area near the construction entrance. Each contractor is responsible to provide litter control for trash generated by his crew. Each contractor shall collect trash and properly dispose of it in an approved solid waste landfill per federal, state, and local requirements. Paint cans, oil cans, used oil, and filters will be contained and disposed of by the contractor by taking them to an approved Hazardous Waste Disposal Center per federal, state, and local requirements.

PHASING OF CONSTRUCTION

All erosion prevention and sediment control best management practices identified in this SWPPP will be installed as recommended in the most current edition of the Tennessee Erosion and Sediment Control Handbook.

SEQUENCING OF CONSTRUCTION

1. Sediment and Erosion Control Structures will be placed at this time. These BMPs are to prevent any sediment from leaving the site. Temporary silt fencing will be installed in the designated areas of the construction boundary as indicated on the Erosion Control Plan (MP-3). Also, any detention areas shown will be installed at this time which will be sediment basins until construction is completed.
2. Removed topsoil will be stockpiled and immediately seeded per the Stabilization Plan (Appendix D). The topsoil stockpile shall be in a designated location and encompassed by a silt fence.
3. The next construction activity to be completed is grading work. This grading will be completed in order to bring the site to a grade that is suitable proper drainage. All cross drains, headwalls, and all outlet protection will be installed in order to provide adequate cross drainage.
4. All slopes and ditches will be seeded and stabilized with turf reinforcement matting (North American Green C125 or S150). Overall seeding, sodding and matting for all grassed sloped areas will be in general compliance with The Tennessee Erosion and Sediment Control Handbook and as presented within the Stabilization Plan (Appendix D) to prevent disturbance.
5. Sediment will be removed from rock silt screens, silt fences, straw bale checks and other sediment controls before design capacity of the structure has been reduced by 50%. Litter, construction debris, and construction chemicals exposed to storm water will be picked up prior to anticipated storm events (e.g. forecasted by local weather reports), or otherwise prevented from becoming a pollutant source for storm water discharges (e.g. screening outfalls, daily pick-up, etc.). After use, silt fences, rock silt screens, and straw bale checks will be removed or otherwise prevented from becoming pollutant source for storm water discharges. Temporary measures may be removed at the beginning of the workday, but will be replaced at the end of the workday.
6. Stabilization will be accomplished as soon as practicable after attainment of final grade and no later than seven days after attaining final grade. Where earth-disturbing activity has temporarily ceased, temporary stabilization will be applied within 7 days if the activity will not resume within 15 days. The dates when major grading activities occur, the dates when construction activities temporarily or permanently cease on a portion of the site, and dates when stabilization measures are initiated will be recorded and maintained on site. Stabilization methods are outlined in the Stabilization Plan (Appendix D and sheet MP-4) and may include seed and mulch, or seed and erosion control blankets as identified.

APPENDIX D

Stabilization Plan

Plant Selection:

Select plant appropriate to the season and site conditions. The following guidelines provide limited information; the local Soil Conservation Service may supply additional or more specific information upon request.

Seedbed Preparation:

To Control erosion on bare soil surfaces, plants must be able to germinate and grow. Seedbed preparation is essential.

1. **Limiting:** Where soils are known to be highly acidic (pH 5.5 or lower), lime should be applied at the rate of two tons of pulverized agricultural limestone per acre.
2. **Fertilizer:** Shall be applied as 450 lbs./ acre of 10-20-20 (10 lbs./1,000 sq. ft.) or equivalent. Lime and fertilizer shall be incorporated into the top 2 to 4 inches of the soil
3. **Surface Roughening:** If the area has been recently loosened or disturbed, no further roughening is required. When the area is compacted, crusted, or hardened, the soil surface shall be loosened by disking, raking, harrowing, or other acceptable means.
4. **Tracking:** Tracking with bulldozer cleats is most effective on sandy soils. This practice often causes undue compaction of the soil surface, especially in clayey soils, and does not aid plant growth as effectively as other methods of surface roughening.

Seeding:

Seed shall be evenly applied with a cyclone seeder, drill, cultipacker seeder, or hydro seeder. Small grains shall be planted no more than one inch deep. Grasses and legumes shall be planted no more than ¼ inch deep.

Mulching:

1. Seedings made in fall for winter cover shall be mulched.
2. At other times of the year, seedings made on slopes in excess of 4:1, or on adverse soil conditions, or during excessively hot or dry weather, shall be mulched.
3. Seedings made during optimum spring and summer seeding dates, with favorable soil and site conditions, will not require mulch.

Re-Seeding:

Areas which fail to establish vegetative cover adequate to prevent rill erosion will be re-seeded as soon as such areas are identified.

Permanent Seeding Mixtures

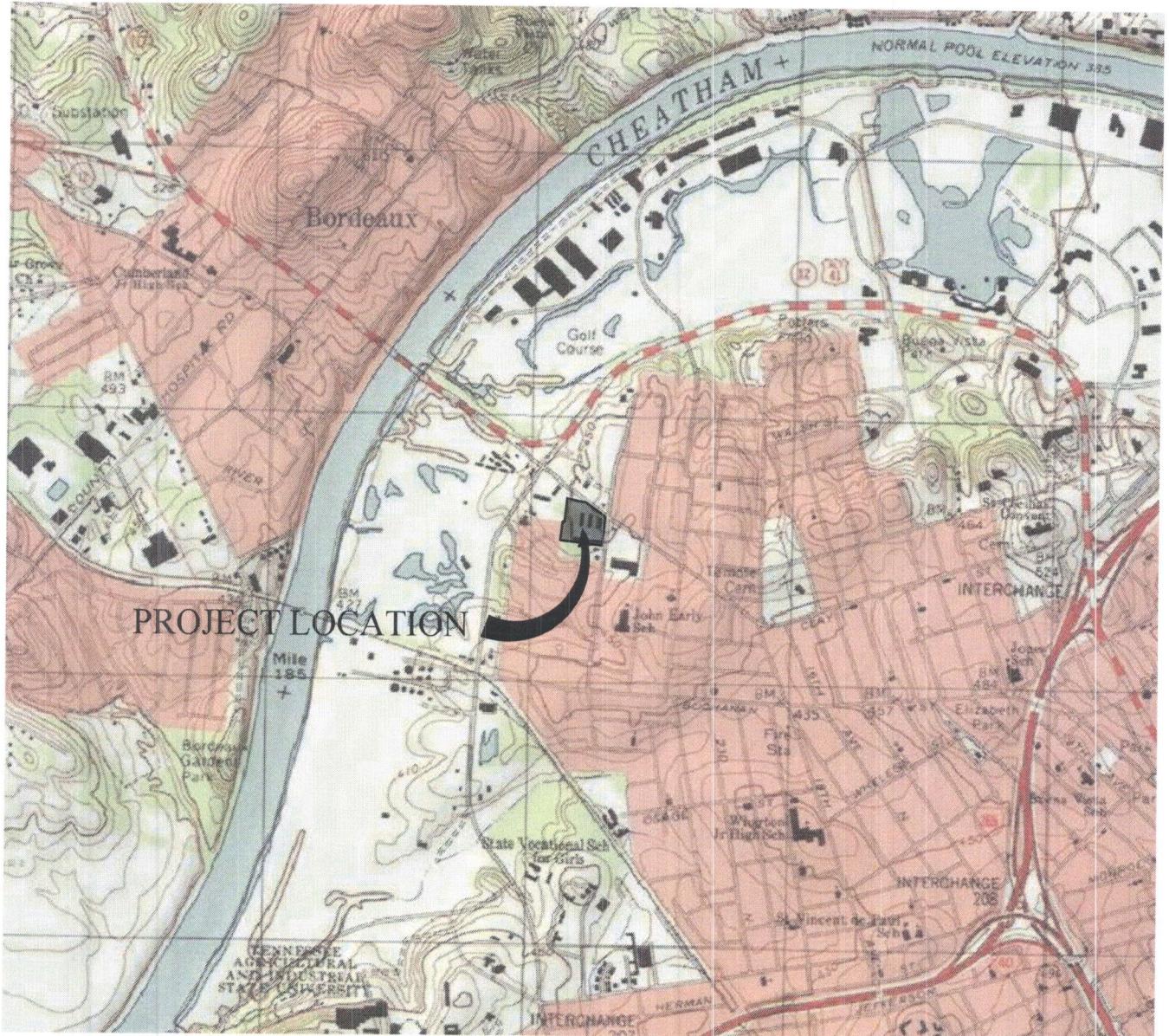
Seeding Dates	Grass Seed	Percentages
February 1 to July 1	Kentucky 31 Fescue	80%
	Korean Lespedeza	15%
	English Rye	5%
June 1 to August 15	Kentucky 31 Fescue	55%
	English Rye	20%
	Korean Lespedeza	15%
	German Millet	10%
April 15 to August 15	Bermuda Grass (hulled)	70%
	Annual Lespedeza	30%
August 1 to December 1	Kentucky 31 Fescue	70%
	English Rye	20%
	White Clover	10%
February 1 to December 1	Kentucky 31 Fescue	70%
	Crown Vetch	25%
	English Rye	5%

Temporary Seeding Mixtures

Seeding Dates	Grass Seed	Percentages
January 1 to May1	Italian Rye	33%
	Korean Lespedeza	33%
	Summer Oat	34%
May 1 to July 15	Sudan-Sorghum	100%
May 1 to July 15	Starr Millet	100%
July 15 to January 1	Balboa Rye	67%
	Italian Rye	33%

APPENDIX E

Maps



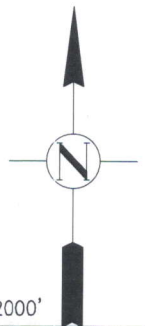
PROJECT LOCATION



DAVIDSON COUNTY, TN

LATITUDE: 36.1860 N, LONGITUDE: 86.8194 W

SCALE: 1"=2000'



KLOBER
ENGINEERING SERVICES

26TH & CLARKSVILLE APTS. PH 2
26TH & CLARKSVILLE
NASHVILLE, TN

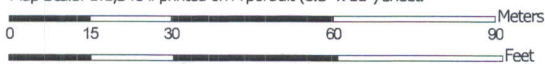
DRAWING DATE:	12/21/17
PROJECT NO.:	C05917
SHEET NO.:	MP-1

Soil Map—Davidson County, Tennessee
(MP-2)



Soil Map may not be valid at this scale.

Map Scale: 1:1,340 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge ticks: UTM Zone 16N WGS84



MAP LEGEND

- Area of Interest (AOI)
- Area of Interest (AOI)
- Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points
- Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Water Features
- Streams and Canals
- Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads
- Background
- Aerial Photography
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Davidson County, Tennessee
Survey Area Data: Version 15, Sep 25, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jul 12, 2014—Aug 13, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MsD	Mimosa-Urban land complex, 2 to 15 percent slopes	5.7	100.0%
Totals for Area of Interest		5.7	100.0%

OVERSIZE PLANS