

OMI, Inc.

**ANNUAL REPORT
APRIL 1, 2021, THROUGH MARCH 31, 2022**

**PHASE II MUNICIPL SEPARATE STORM SEWER SYSTEM
FOR**

**UNIVERISTY OF ALABAMA IN HUNTSVILLE
301 SPARKMAN DRIVE
HUNTSVILLE, ALABAMA 35899**

NPDES PERMIT NO. ALR040059

PREPARED BY

**OMI, INC.
5151 RESEARCH DRIVE, SUITE A
HUNTSVILLE, ALABAMA 35805**

May 25, 2022

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OMI Job No. 9915

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OMI, Inc.

May 26, 2022

Alabama Department of Environmental Management
Water Division
Stormwater Management Branch
P.O. Box 301463
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ATTN: Ms. Marla Smith

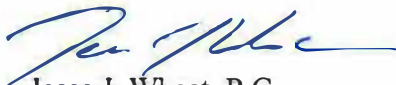
SUBJECT: Annual Report - April 1, 2021, through March 31, 2022
Phase II Municipal Separate Storm Sewer System
University of Alabama in Huntsville
Huntsville, Alabama 35899
NPDES Permit No. ALR040059
OMI Job No. 9915


Ladies and Gentlemen:

OMI, Inc. (OMI) is pleased to present this Annual Report for the University of Alabama in Huntsville's Phase II Municipal Separate Storm Sewer System for the referenced permit. This annual report covers the reporting period from April 1, 2021, through March 31, 2022. If you have questions, or if additional information is required, please contact the undersigned.

Respectfully submitted,

OMI, Inc.


Jesse J. Wheat, P.G.
Staff Geologist


John M. Ozier, P. E.
Senior Engineer

Distribution via email to: hu0003@uah.edu

OMI, Inc.

May 25, 2022

University of Alabama in Huntsville
301 Sparkman Drive
Huntsville, Alabama 35899

ATTN: Ms. Hannah Upton


SUBJECT: Annual Report - April 1, 2021, through March 31, 2022
Phase II Municipal Separate Storm Sewer System
University of Alabama in Huntsville
Huntsville, Alabama 35899
NPDES Permit No. ALR040059
OMI Job No. 9915


Ladies and Gentlemen:

OMI, Inc. (OMI) is pleased to present this Annual Report for the University of Alabama in Huntsville's Phase II Municipal Separate Storm Sewer System (MS4). This annual report covers the reporting period from April 1, 2021, through March 31, 2022. OMI was authorized to prepare this annual report by Todd Barr of the University of Alabama in Huntsville on March 15, 2022. This annual report was completed in general accordance with OMI Proposal No. P-6386B, dated February 1, 2022.

OMI appreciates this opportunity to be of service to the University of Alabama in Huntsville. Should you have any questions, please feel free to contact the undersigned.

Very truly yours,
OMI, Inc.


Jesse J. Wheat, P.G.
Staff Geologist


John M. Ozier, P.E.
Senior Engineer


Darby Parrish
Environmental Scientist

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CERTIFICATION STATEMENT

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate 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 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 for knowing violations.



05/31/2022

Todd Barre

Date

Vice President – Finance & Administration

UAH MS4 Annual Report 2021-2022

1.0 CONTACT LIST

The following are UAH contacts and responsible parties who had an input to and are responsible for the preparation of the annual report.

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2.0 INTRODUCTION

The University of Alabama in Huntsville (UAH) is designated as a Phase II Municipal Separate Storm Sewer System (MS4) in accordance with the Alabama Department of Environmental Management (ADEM) National Pollutant Discharge Elimination System (NPDES) Permit No. ALR040059 (hereinafter the “permit”). Part VI of the permit states the Permittee shall submit to ADEM an annual report and all other information and documents from the previous April 1 to March 31.

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The Permittee (i.e., UAH) received the initial MS4 permit on September 6, 2016, with an effective date of October 1, 2016. The Permittee is required to develop, revise, implement, maintain, and enforce a Storm Water Management Program (SWMP) which shall include controls necessary to reduce the discharge of pollutants from its MS4. A Storm Water Management Program Plan (SWMPP) was developed and issued on March 28, 2017. The permit was reissued on September 16, 2021, with an effective date of October 1, 2021, and expiration date of September 30, 2026. This Annual Report ultimately follows the 2017 SWMPP. However, the Permittee revised the minimum storm water control measures of the SWMPP on April 1, 2022.

3.0 OVERALL EVALUATION OF SWMPP

3.1 Major Accomplishments

The most significant accomplishment for UAH was the comprehensive revisions to the SWMPP to reflect the changes to the permit effective October 2021. The revisions to the permit ultimately shift and/or improve the measures used to evaluate program effectiveness.

The Illicit Discharge, Detection, and Elimination (IDDE) program was revised to generally follow the guidelines established in the document titled *Illicit Discharge, Detection, and Elimination, a Guidance Manual for Program Development and Technical Assessments, October 2004*, developed by the Center for Watershed Protection and the University of Alabama. Please refer to the 2022 SWMPP for the IDDE program revisions.

UAH relies upon ADEM's state-wide NPDES construction storm water regulatory program and currently has coverage under ADEM NPDES Permit No. ALR109729 (hereinafter "CSW permit"). The CSW permit was issued on March 12, 2021, with an effective date of April 1, 2021, and expiration date of March 31, 2026. To reduce duplicative efforts and costs, UAH is consolidating the CSW permit requirements with the requirements of the MS4 permit.

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3.2 Overall Program Strengths and Weaknesses

UAH has earned a Sustainability, Tracking, Assessment, & Ranking System (STARS) Bronze rating in recognition of its sustainability achievements from the Association for the Advancement of Sustainability in Higher Education (AASHE). UAH first earned its STARS Bronze rating with its first submission in 2019 with a score of 27.06 points. UAH has since improved and earned a score of 34.89 points with the 2022 submission. UAH's STARS report is publicly available on the STARS website.

<https://reports.aashe.org/institutions/university-of-alabama-in-huntsville-al/report/2022-03-04/>

In addition, UAH is a member of AASHE. Member benefits provide the opportunity for students, staff, or faculty to access tools, information, and guidance on sustainability best practices and strategies.

UAH's Stormwater website has continued to be a strong element of the SWMPP (see Section 5.1.1). Storm water medallions have been placed on most storm water drains. In addition, UAH has noticed an increase of involvement with students, campus organizations, faculty, and staff.

As previously mentioned, a former weakness of the SWMP was differentiating the requirements of the permit with the requirements of the CSW permit. UAH is continuously evaluating and integrating the requirements of the permit and CSW permit.

3.3 Future Direction of the Program

UAH makes a proactive effort to continuously evaluate, implement, and enhance the storm water control measures developed in the SWMPP. UAH plans to implement a stream-walking program and develop an Outfall Reconnaissance Inventory (ORI) of identified outfalls to assist with accurate geospatial location and record basic characteristics of individual storm drain outfalls, evaluate suspect outfalls, and assess the severity of illicit discharge problems on campus.

3.4 Water Quality Improvements

UAH does not discharge directly to nor within an impaired waterbody identified on the ADEM's 2020 303(d) list and/or waterbodies with total maximum daily loads (TMDL). The 303(d) listing

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of impaired waters is routinely reviewed to ensure that the MS4 does not discharge directly and/or indirectly into local bodies of water listed.

Surface drainage generally flows towards stormwater inlets via sheet flow, which directs flow towards two engineered retention ponds which are part of an unnamed tributary of McDonald Creek, which is located on the western property boundary. The retention ponds ultimately discharge into the City of Huntsville's MS4, which continues flow along the unnamed tributary of McDonald Creek on the western portion of the site, along Sparkman Drive.

UAH has incorporated the City of Huntsville's Interactive Geographic Information System (GIS) storm water layer on the site maps of the SWMPP. The map of the storm drain network can assist with tracing suspect illicit discharges. In addition, the map can assist with placing active measures in strategic locations and reclaiming spills and/or releases before it reaches the retention ponds.

3.5 Measurable Goals not Performed

All measurable goals were achieved during the 2021-2022 reporting period.

4.0 PROGRAM NARRATIVE

The permit requires the Permittee to develop a narrative report of all minimum storm water control measures that include the following:

1. Public Education and Public Involvement on Storm Water Impacts;
2. IDDE Program;
3. Construction Site Storm Water Runoff Control;
4. Post-Construction Storm Water Management in New Development and Redevelopment;
and,
5. Pollution Prevention/Good Housekeeping for Municipal Operations.

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5.0 PUBLIC EDUCATION AND PUBLIC INVOLVEMENT

5.1 Minimum Control Measures Completed / In Progress

During the 2021-2022 reporting period, UAH initiated public education and public involvement activities consistent with the SWMPP. In addition, UAH continued and enhanced control measures from previous years.

5.1.1 Public Input Methods

OEHS has maintained the Stormwater website (hereinafter the “website”) that includes information related to storm water discharges on water bodies and the steps that the public can take to reduce pollutants in storm water runoff to the maximum extent practical (MEP). The website can be found at <https://www.uah.edu/oehs/stormwater>. The website is the main web resource specific to the SWMPP and the requirements of the MS4 permit. The website discusses targeted pollution sources, participation, litter reduction, and reducing storm water pollution. The website lists the OEHS’s email address to provide the public a platform to report storm water concerns and/or violations. The website also provides a link to the most recent MS4 Annual Report, ADEM NPDES program guidance documents, and provides a storm water safety training presentation and follow-up quiz.

5.1.2 Public Input Activities

5.1.2.1 Curriculum

UAH helps students deepen their understanding of sustainability principals and issues by engaging in co-curricular activities.

5.1.2.2 UAH Green Fund

The UAH Green Fund encourages students, student organizations, or campus groups to submit proposals with ideas for environmental projects that they would like to start on campus. Proposals may be under one of two categories: education or facilities. The education category includes educating the UAH community about sustainability issues that can include outreach events, publications, or the incorporation of sustainability topics into courses or curriculum. The facilities category includes projects that propose changes to campus structure such as retrofitting lighting in

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academic buildings, or refining used cooking oil to fuel campus transportation vehicles. Proposals must be aimed at making new changes at UAH and must be on campus.

5.1.2.3 Litter Cleanup

UAH hosted a campus litter cleanup for Earth Day on April 22, 2021. The event also engaged with student organizations that promote sustainability. A campus litter cleanup event was performed on September 17, 2021. In addition, the campus organization the Green Club performed campus cleaning events on September 4 and 11, 2021.

5.1.2.4 Campus Interviews

OEHS interviewed the president of the Green Club about storm water pollution and their voluntary cleanup events during the fall semester of 2021. The interview is included in Appendix B of this annual report.

OEHS surveyed students on storm water awareness during student orientation week, referred to as Week of Welcome (WOW), for fall semester 2021. The student survey is included in Appendix B.

5.1.3 Targeted Pollutant Sources

The website addresses targeted pollution sources such as: oil, solvents, chemicals, pesticides, fertilizers, detergents, wastewater, equipment/vehicle washing, and other hazardous fluids.

5.1.4 Groups Educated

OEHS presented UAH's storm water policies, procedures, pollutant sources, and BMPs to the Chemistry Club and American Society of Civil Engineers (ASCE): UAH Student Chapter during in September 2021 and November 2021, respectively.

5.1.5 Litter Reduction

UAH has placed storm drain medallions to storm water inlets and/or drains. The markers adhere to the curb of a storm drain and educate readers not to dump waste of any kind down storm drains. In addition, litter reduction is also discussed on the website.

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5.1.6 Communication Mechanism

The website provides the public a platform to report storm water concerns and/or violations. In addition, the Permittee utilizes UAlert Emergency Notification System (UAlert). UAlert is a comprehensive communications solution that allows UAH to quickly disseminate an urgent message through multiple communication methods, including:

- Voice messages to cell, home, and office phones;
- Text messages to cell phones;
- Email messages;
- UAH Facebook page and UAH Police Facebook page;
- UAH Twitter feeds (@UAH_UAlert and @UAHuntsville);
- RSS Feed; and,
- Rave Guardian app (iOS and Android).

5.1.7 Program Evaluation

UAH has increased storm water awareness during student orientation week (Week of Welcome) each semester, including flyers, posters, and conducting student surveys.

Several adjacent outfalls, or outfalls from the City of Huntsville's (COH) MS4 that discharge into UAH's permitted area, were identified during the April 2022 SWMPP evaluation. The Permittee is considering public education efforts (i.e., flyers, posters, etc.) for the adjacent areas that discharge into UAH's MS4.

5.2 Assessment of Controls

Public education and public involvement storm water control measures appear to be effective and meet the control measure objectives during the 2021-2022 reporting period.

5.3 Proposed Revisions

UAH is prioritizing and continuously finding ways to engage students, faculty, and staff on campus.

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6.0 ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM

6.1 Minimum Control Measures Completed / In Progress

During the 2021-2022 reporting period, UAH initiated IDDE activities consistent with the SWMPP.

6.1.1 Observed Inlets / Drains

UAH continued to utilize the storm water infrastructure engineering assessment. Inlet and/or drain observation was the initial dry weather screening program for campus. The IDDE program was revised in April 2022 to include a stream-walking program and develop an ORI.

6.1.2 Updated Site Map

The site map can assist with placing active measures in strategic locations and reclaiming spills and/or releases before it reaches the retention ponds. The site map was revised during the 2022 SWMPP revisions to include the storm water drainage network provided by City of Huntsville's Interactive GIS. In addition, the storm drain network on the site map can assist with tracing suspect illicit discharges. The Site Map is included in Appendix A.

6.1.3 IDDE Training

UAH employees participated in the MS4 training conducted on February 17, 2022. The training included background information on the MS4, SWMPP, and good housekeeping and information on common illicit discharges.

6.1.4 Investigation Results

No illicit discharges were observed during the 2021-2022 reporting period.

6.2 Assessment of Controls

The IDDE storm water control measures appear to be effective and meet the control measure objectives during the 2021-2022 reporting period.

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6.3 Proposed Revisions

The IDDE program was revised to generally follow the guidelines established in the document titled *Illicit Discharge, Detection, and Elimination, a Guidance Manual for Program Development and Technical Assessments, October 2004*, developed by the Center for Watershed Protection and the University of Alabama in Huntsville. Please refer to the 2022 SWMPP for the IDDE program revisions.

7.0 CONSTRUCTION SITE STORM WATER RUNOFF CONTROL

7.1 Minimum Control Measures Completed / In Progress

During the 2021-2022 reporting period, UAH initiated construction site storm water runoff control activities consistent with the SWMPP.

7.2 Active Construction Sites

UAH has obtained coverage under the ADEM construction storm water general permit referenced in Section 3.1. The following construction projects are currently active on campus:

- Altenkirch Lawn Greenway Phase III
- Altenkirch Lawn Greenway Phase IV
- Executive Plaza Office Park

7.2.1 Inspections

Construction storm water BMPs were observed at all active construction sites during the 2021-2022 reporting period. The inspection frequency follows the schedule listed in the SWMPP.

7.2.2 Enforcement Actions

No enforcement actions related to construction storm water runoff were applied during the 2021-2022 reporting period.

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7.2.3 Complaints Received

No complaints related to construction storm water runoff were received during the 2021-2022 reporting period.

7.2.4 Training

UAH employees participated in the MS4 training conducted on February 17, 2022. The training included background information on the MS4, SWMPP, good housekeeping, and information on common illicit discharges.

7.3 Assessment of Controls

The construction storm water runoff storm water control measures appear to be effective and meet the control measure objectives during the 2021-2022 reporting period.

7.4 Proposed Revisions

UAH is evaluating how to delegate BMP maintenance and additional requirements of the CSW permit. In addition, UAH is merging the MS4 inspections with the required qualified credential professional (QCP) inspections in an effort to reduce duplicative efforts and costs.

8.0 POST-CONSTRUCTION STORM WATER MANAGEMENT

8.1 Minimum Control Measures Completed / In Progress

During the 2021-2022 reporting period, UAH initiated the post-construction storm water management activities consistent with the SWMPP. The SWMPP acts as the Permittee's regulatory mechanism and can be found on UAH's Storm Water website.

8.2 Post-Construction Inspections

8.2.1 Installations

No post-construction BMPs were installed during the 2021-2022 reporting period.

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8.2.2 Inspections

No post-construction inspections were performed and/or required during the 2021-2022 reporting period.

8.2.3 Inventory

OEHS continuously maintains an updated inventory of all active construction sites within the permitted area.

8.2.4 Enforcement Action

No enforcement actions related to post-construction storm water were received during the 2021-2022 reporting period.

8.3 Assessment of Controls

The post-construction storm water management storm water control measures appear to be effective and meet the control measure objectives during the 2021-2022 reporting period.

8.4 Proposed Revisions

UAH is planning to dredge the north lake to remove silt, mitigate underwater vegetation, and improve lake water quality and appearance. The project also includes repairs to damages in the perimeter rock walls, repairing fountain aerators, cleaning exposed concrete surfaces, and clearing undergrowth along the Holmes Avenue overpass.

9.0 POLLUTION PREVENTION/GOOD HOUSEKEEPING

9.1 Minimum Control Measures Completed / In Progress

During the 2021-2022 reporting period, UAH initiated pollution prevention/good housekeeping activities consistent with the SWMPP.

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9.2 Assessment of Controls

9.2.1 Facility Inventory

OEHS continuously maintains an updated inventory of all facilities within the permitted area. In addition, OEHS conducts annual inspections of buildings and laboratories on campus. Safety data sheets (SDS) can be found on the OEHS website. UAH utilizes CHEMATIX, an online inspection system that allows the lab supervisor, or their designee, to record corrective actions to the findings of the annual inspections. In addition, the CHEMATIX PORTAL allows staff to print waste labels and track waste in laboratories.

9.2.2 Management Plans

UAH has developed a hazardous waste management plan and laboratory-specific chemical hygiene plan.

9.2.3 Recycling Program

UAH has implemented single-stream recycling bins across campus. Signs are posted that display items accepted for single-stream recycling. The UAH Sustainability website also references additional recycling programs including, but not limited to, the City of Huntsville's plastic cap recycling program and Huntsville Operation Green Team.

9.2.4 Inspections

UAH facilities inspected pollution prevention/good housekeeping BMPs during the 2021-2022 reporting period. Applicable corrective actions are recorded in the CHEMATIX PORTAL.

9.2.5 Floatable Material Recovered

The amount of floatable material recovered was not recorded during the 2021-2022 reporting period.

9.3 Proposed Revisions

9.3.1 Inspection Plan

The inspection plan appears to be effective and meet the plan objectives during the 2021-2022 reporting period.

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9.3.2 Standard Operating Procedures

Standard operating procedures (SOP) for the permitted area appear to be effective and meet the SOP objectives during the 2021-2022 reporting period.

10.0 NOTICE OF RELIANCE

UAH is the sole responsible entity designated to satisfy the obligations of the permit.

11.0 WATER QUALITY ASSESSMENT

Section 303(d) of the Clean Water Act (CWA) establishes that states are to list waters for which technology-based limits alone do not ensure attainment of applicable water quality standards (WQS) (i.e., the 303(d) list). The 303(d) list includes priority rankings set by the state for the listed waters. Once the impaired waters are identified, Section 303(d) requires that the states establish TMDLs that will meet water quality standards for each listed water, considering seasonal variations and a margin of safety (MOS) that accounts for uncertainty.

UAH does not discharge directly to nor within an impaired waterbody identified on the ADEM's 2020 303(d) list and/or waterbodies with TMDLs.

12.0 MONITORING REQUIREMENTS

There are no 303(d) listed or TMDL waters located within the Permittee's MS4 area; therefore, no monitoring is required as stated in Part V of the permit.

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APPENDICES

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APPENDIX A

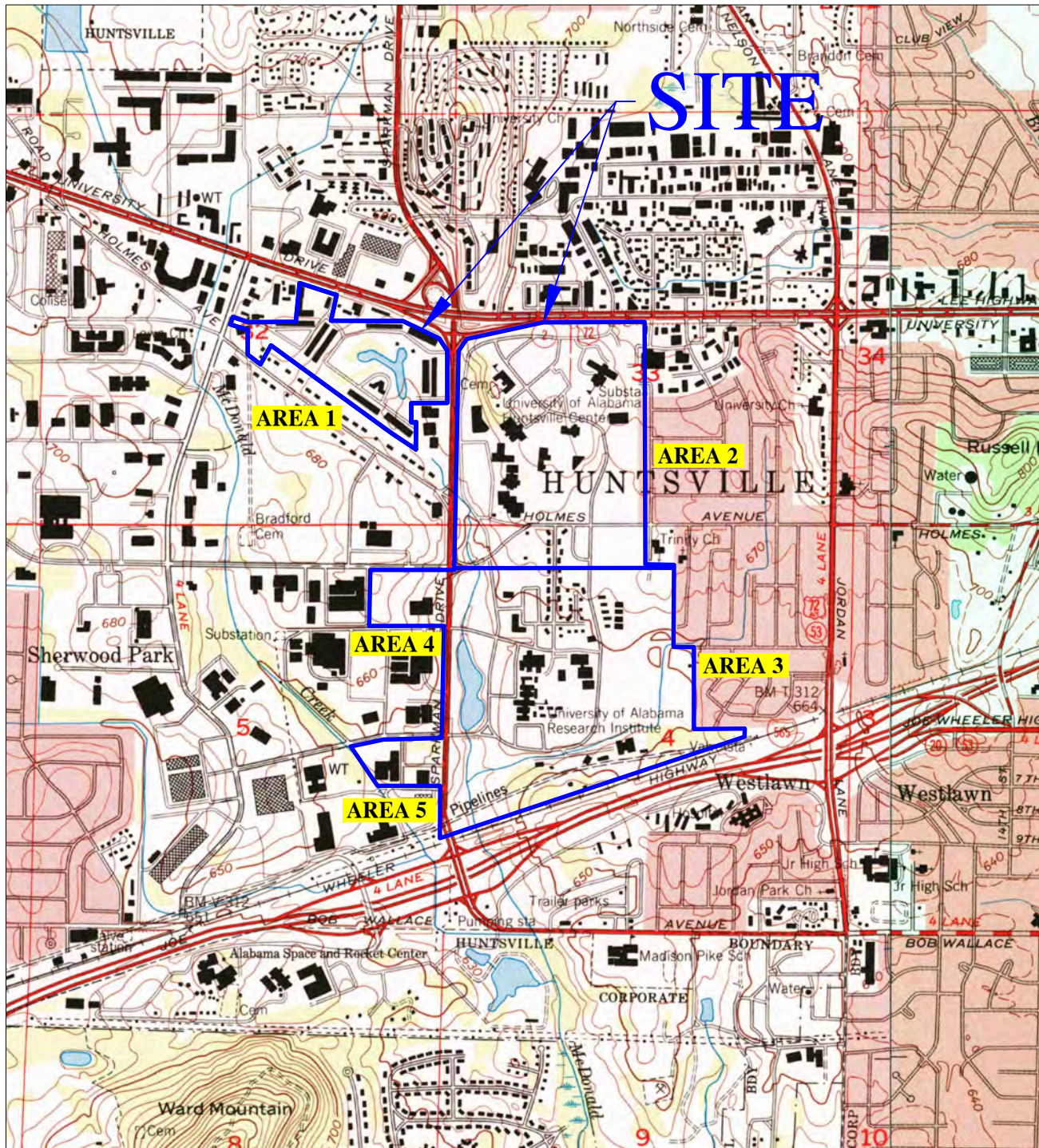
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7.5 MINUTE SERIES
TOPOGRAPHIC
1975 REVISED 1991

HUNTSVILLE QUAD
7.5 MINUTE SERIES
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1975 REVISED 1991

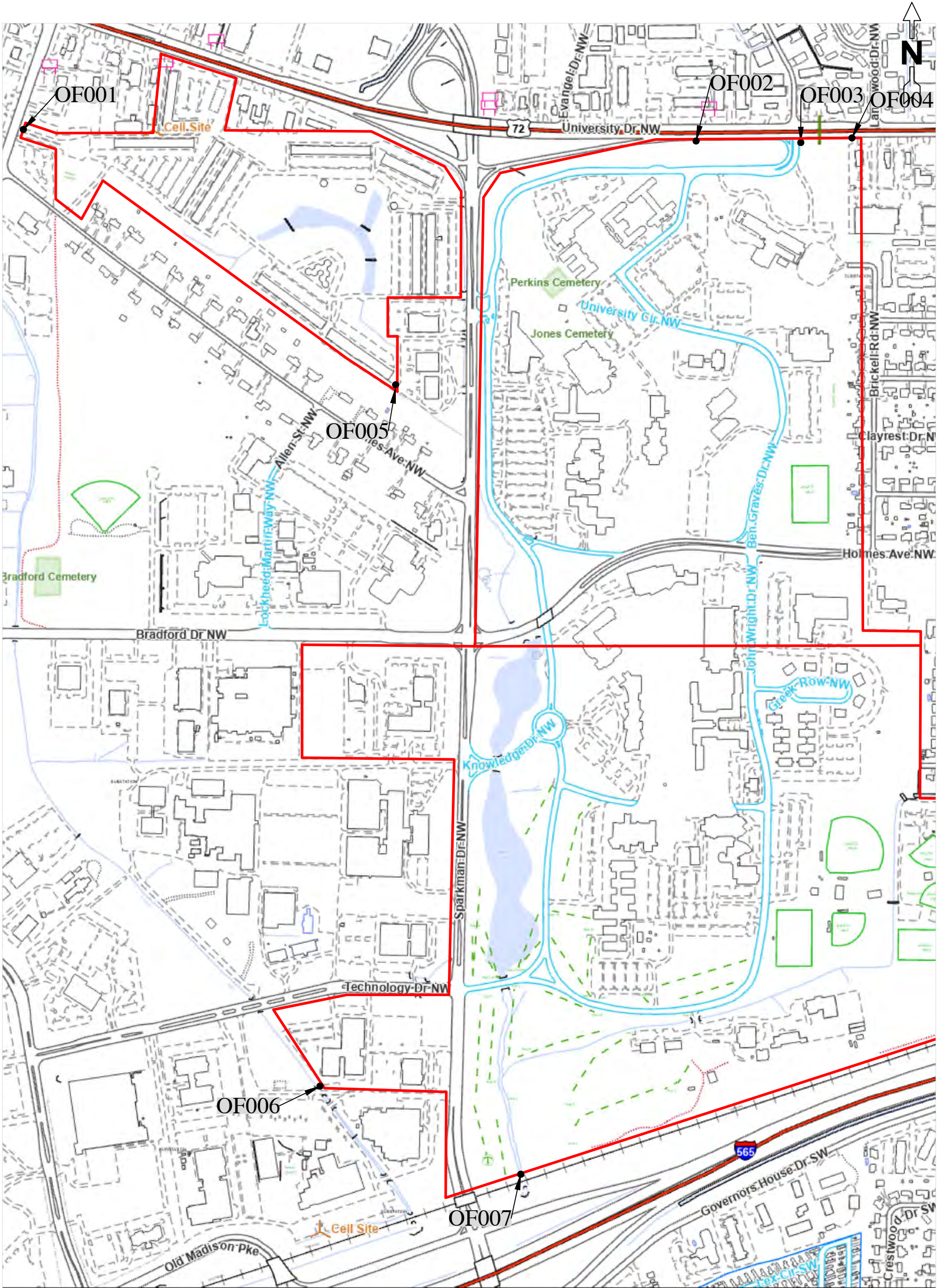
JOB NAME:

UAH MS4
SPARKMAN DRIVE NW
HUNTSVILLE, ALABAMA

SITE LOCATION MAP

DRAWING NO: 9793 - 1

JOB NO: 9793
DATE: 04-01-2022
SCALE: 1"= 2000'
DRAWN BY: DAH



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OUTFALL LOCATION MAP

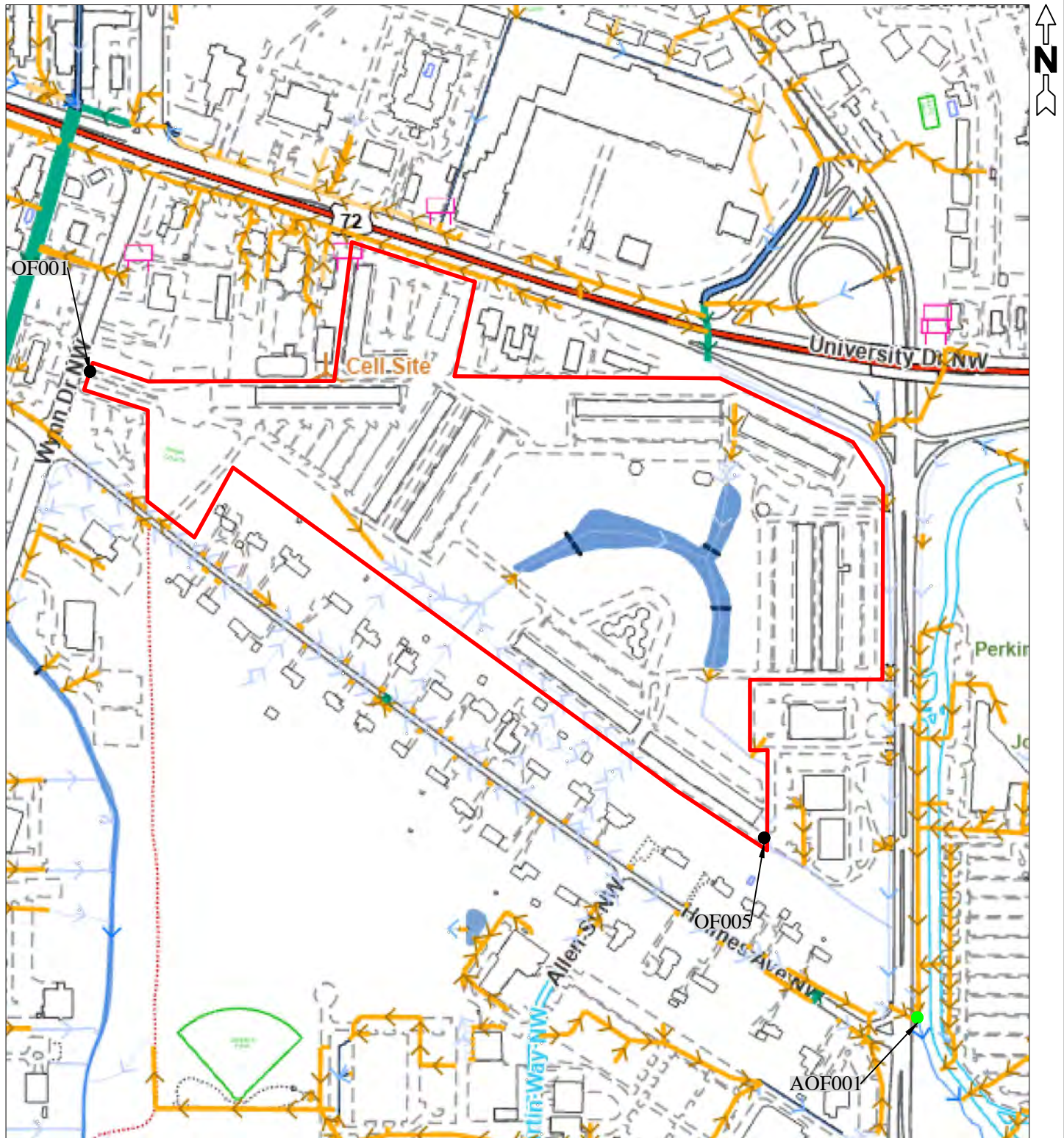
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DWG NO: 9793-2

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JOB NAME:

UAH MS4
SPARKMAN DRIVE NW
HUNTSVILLE, ALABAMA

STORMWATER MANAGEMENT PROGRAM PLAN AREA 1

DRAWING NO: 9793 - 3

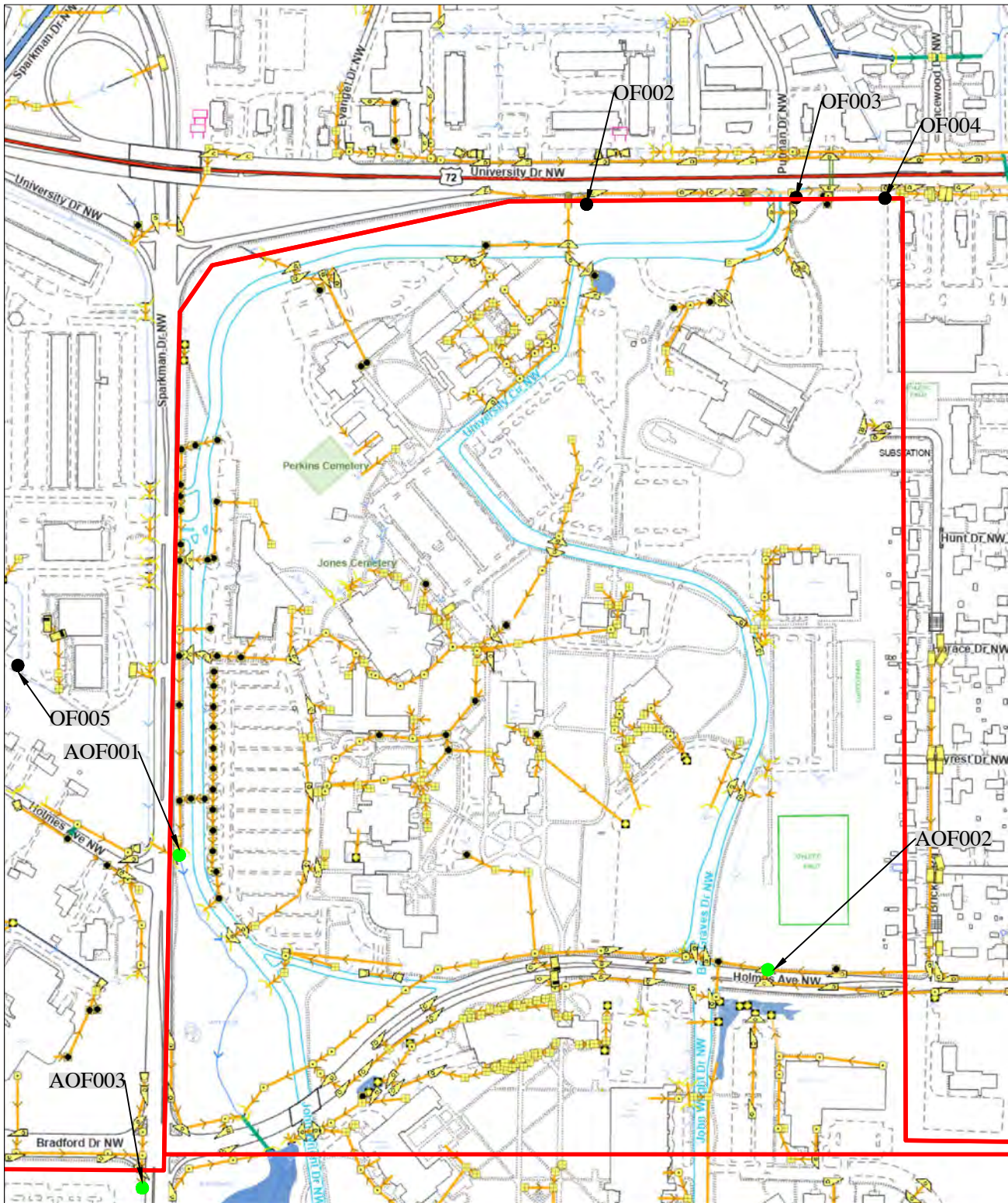
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JOB NAME:

UAH MS4
SPARKMAN DRIVE NW
HUNTSVILLE, ALABAMA

STORMWATER MANAGEMENT PROGRAM PLAN
AREA 2

DRAWING NO: 9793 - 4

JOB NO: 9793
DATE: 04-01-2022
SCALE: 1"= 500'
DRAWN BY: DAH

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UAH MS4
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HUNTSVILLE, ALABAMA

DRAWING NO: 9793 - 5

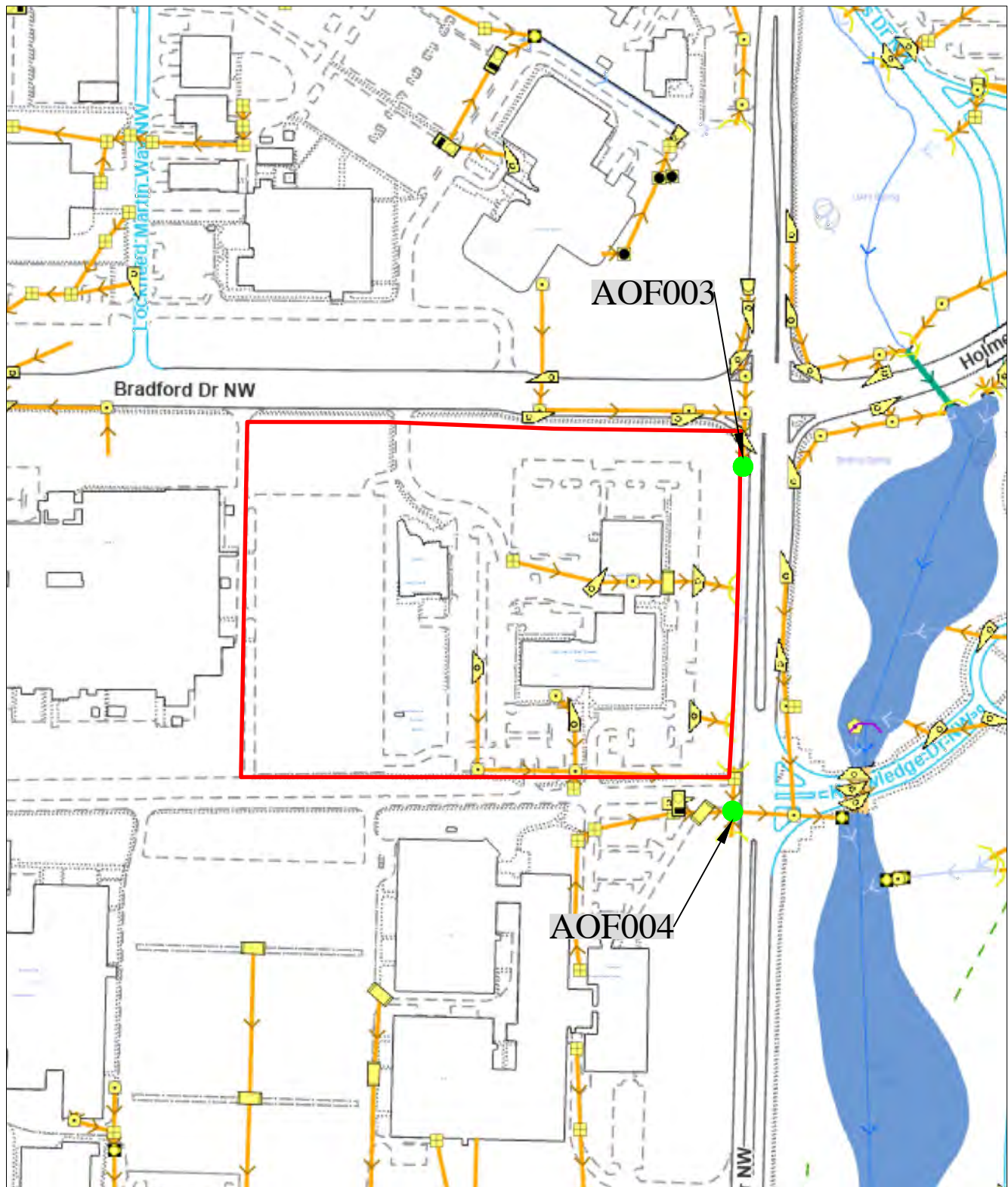
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DATE: 04-01-2022
SCALE: 1"= 500'
DRAWN BY: DAH

OMI, Inc.

5151 Research Dr. NW
Huntsville, AL 35805

PH: (256) 837 - 7664

FAX: (256) 837 - 7677



NOTE: THIS DRAWING HAS BEEN MODIFIED FROM A DRAWING PROVIDED BY: CITY OF HUNTSVILLE INTERACTIVE MAPS

JOB NAME:

UAH MS4
SPARKMAN DRIVE NW
HUNTSVILLE, ALABAMA

STORMWATER MANAGEMENT PROGRAM PLAN
AREA 4

DRAWING NO: 9793 - 6

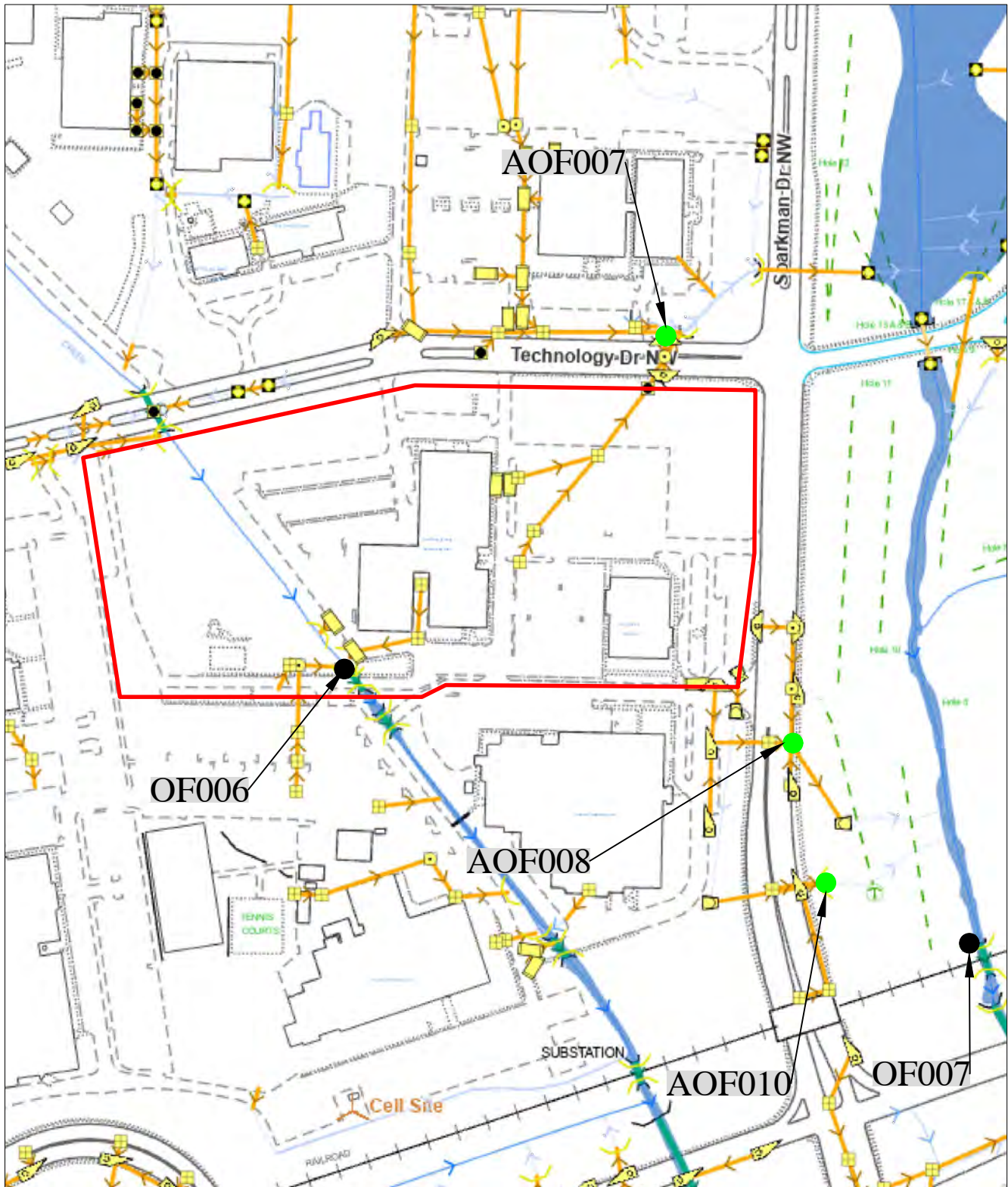
JOB NO: 9793
DATE: 04-01-2022
SCALE: 1"= 300'
DRAWN BY: DAH

OMI, Inc.

5151 Research Dr. NW
Huntsville, AL 35805

PH: (256) 837 - 7664

FAX: (256) 837 - 7677



NOTE: THIS DRAWING HAS BEEN MODIFIED FROM A DRAWING PROVIDED BY: CITY OF HUNTSVILLE INTERACTIVE MAPS

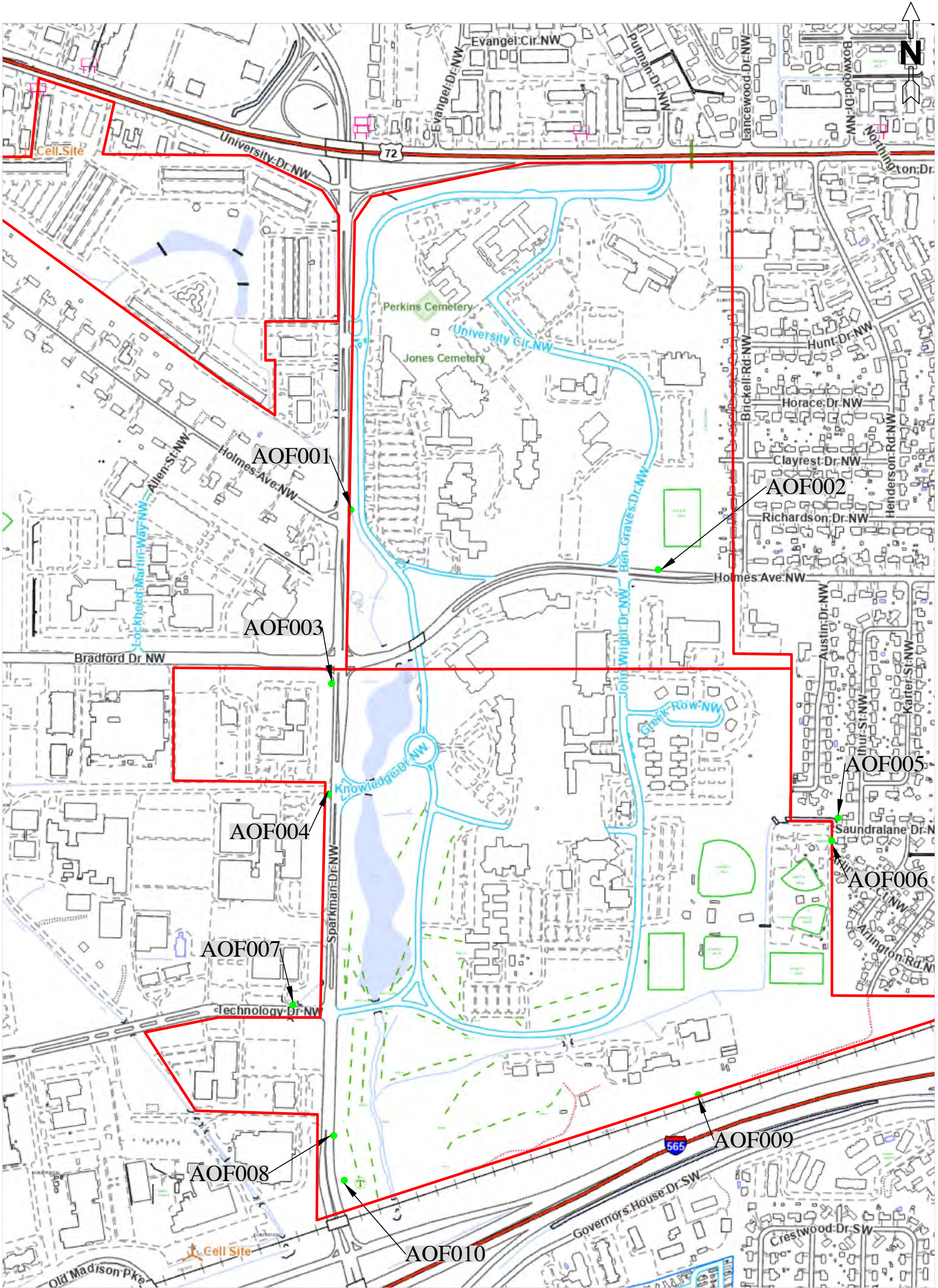
JOB NAME:

UAH MS4
SPARKMAN DRIVE NW
HUNTSVILLE, ALABAMA

STORMWATER MANAGEMENT PROGRAM PLAN AREA 5

DRAWING NO: 9793 - 7

JOB NO: 9793
DATE: 04-01-2022
SCALE: 1"= 300'
DRAWN BY: DAH



JOB NAME:

UAH MS4
SPARKMAN DRIVE NW
HUNTSVILLE, ALABAMA

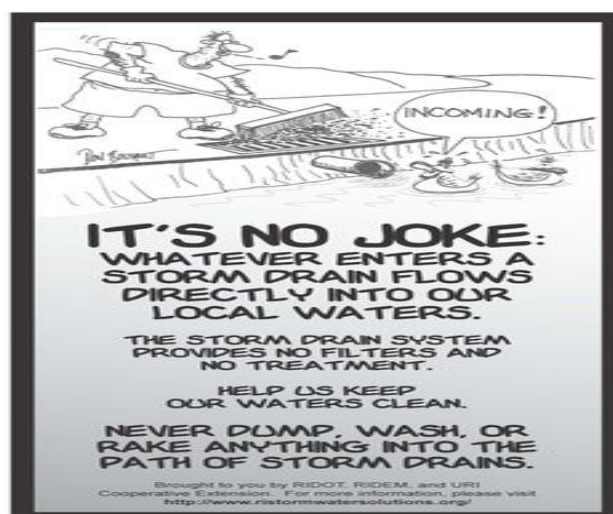
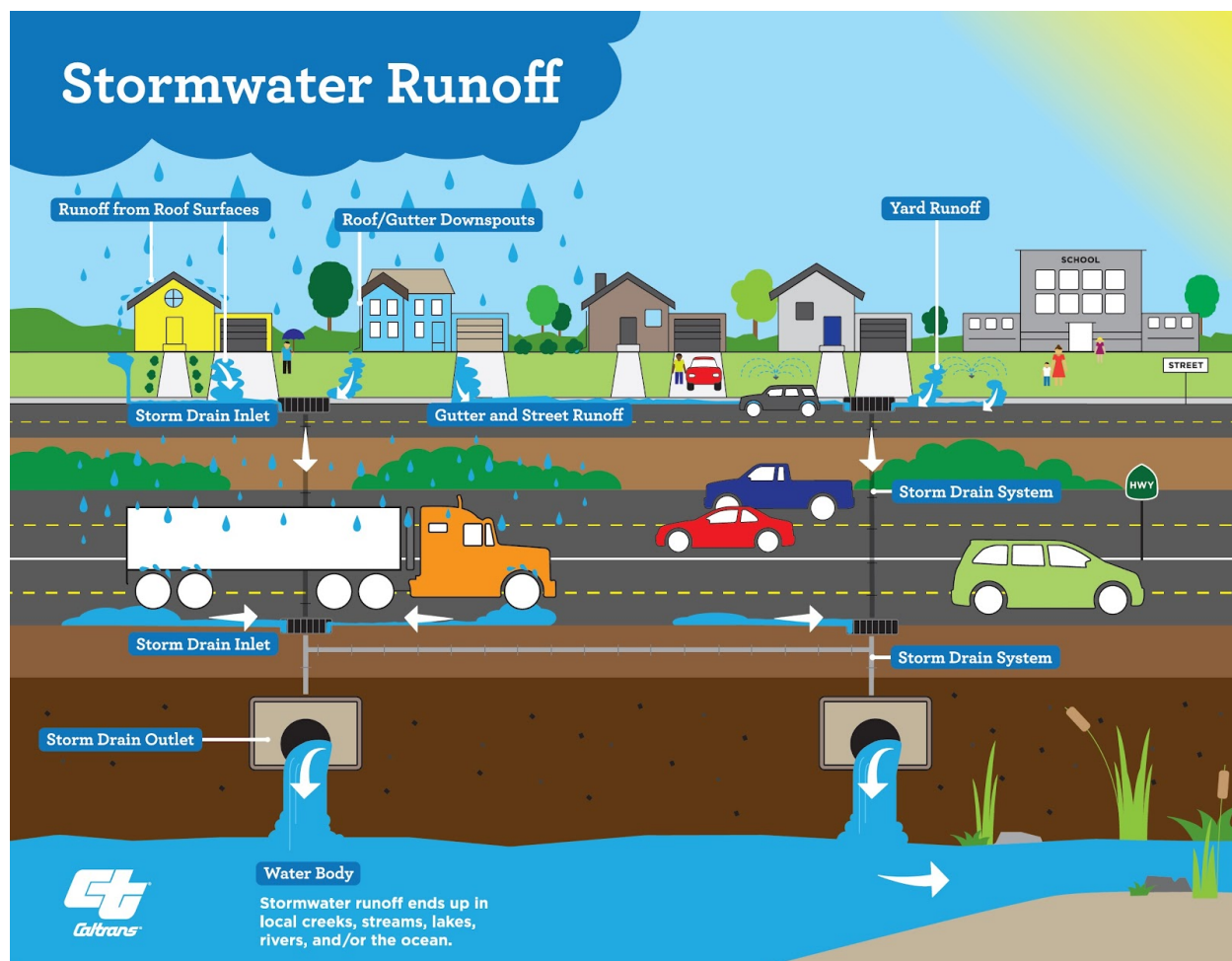
OMI, Inc.
5151 Research Dr. NW
Huntsville, AL 35805
Ph: (256) 837-7664
Fax: (256) 837-7677

ADJACENT MS4
OUTFALL
LOCATION MAP

JOB NO.: 9793
DATE: 04-01-2022
SCALE: 1" = 600'
DRAWN BY: DAH
DWG NO: 9793-8

APPENDIX B





PROTECTING OUR PLANET STARTS WITH YOU



BIKE MORE DRIVE LESS



EDUCATE

When you further your own education, you can help others understand the importance and value of our natural resources.



Volunteer!

Volunteer for cleanups in your community. You can get involved in protecting your watershed too!



reduce REUSE recycle

Cut down on what you throw away. Follow the three "R's" to conserve natural resources and landfill space.

CONSERVE WATER



The less water you use, the less runoff and wastewater that eventually end up in the ocean.

choose sustainable



seafood

Learn how to make smart seafood choices at www.FishWatch.gov.



-SHOP- WISELY

Buy less plastic and bring a reusable shopping bag.



Long-lasting light bulbs - ARE A - BRIGHT IDEA

Energy efficient light bulbs reduce greenhouse gas emissions. Also flip the light switch off when you leave the room!



Don't send chemicals into our waterways.

Choose nontoxic chemicals in the home and office.



PLANT A TREE

Trees provide food and oxygen. They help save energy, clean the air, and help combat climate change.



oceanservice.noaa.gov





Event Attendance By Event					
Green Club Pond Cleanup					
Start Date	9/17/2021				
End Date	9/17/2021				
First Name	Last Name	Campus Email	Preferred Email	Attendance Status	Marked By
Rachel	Suhs	rms0031@uah.edu		Attended	Rachel Suhs
Paige	Hill	ph0054@uah.edu		Attended	Rachel Suhs
Sameera	White	srw0023@uah.edu		Attended	Rachel Suhs
Joshua	Huggins	jlh0088@uah.edu		Attended	Rachel Suhs
Tyler	Rodighiero	twr0006@uah.edu		Attended	Rachel Suhs
Luke	Robin	lfr0001@uah.edu		Attended	Rachel Suhs
Megan	Davis	md0089@uah.edu		Attended	Rachel Suhs
Zebulon	Leffler	zwl0002@uah.edu		Attended	Rachel Suhs
Jared	Higgs	jph0029@uah.edu		Attended	Rachel Suhs
Kaitlin	Bryce	kmb0084@uah.edu		Attended	Rachel Suhs
John	Ridley	jtr0028@uah.edu		Attended	Rachel Suhs
Brandon	Hall	bnh0028@uah.edu		Attended	Rachel Suhs
Nicholas	Whisenant	ncw0014@uah.edu		Attended	Rachel Suhs
Noah	Spicer	ncs0020@uah.edu		Attended	Rachel Suhs
Steven	Koif	ssk0016@uah.edu		Attended	Rachel Suhs
Mark	Porter	mp0139@uah.edu		Attended	Rachel Suhs
Satero	Vazquez	sav0007@uah.edu		Attended	Rachel Suhs

Marked On	Comments	Card ID Number
9/17/2021 1:47 P		25271658
9/17/2021 1:47 P		25296863
9/17/2021 1:48 P		25284830
9/17/2021 1:49 P		25270640
9/17/2021 1:49 P		25308121
9/17/2021 1:49 P		25312498
9/17/2021 1:52 P		25284734
9/17/2021 1:55 P		25283861
9/17/2021 1:57 P		25270581
9/17/2021 1:58 P		25294962
9/17/2021 1:58 P		25306447
9/17/2021 1:58 P		25306003
9/17/2021 1:58 P		25306652
9/17/2021 1:58 P		25311063
9/17/2021 1:58 P		25298426
9/17/2021 1:58 P		25308679
9/17/2021 1:59 P		25298534

Hugh	Vessels	hcv0003@uah.edu	Attended	Rachel Suhs
Kaitlyn	Smith	ks0128@uah.edu	Attended	Rachel Suhs
Olivia	Brown	olb0002@uah.edu	Attended	Rachel Suhs
Lily	Molina	lrm0022@uah.edu	Attended	Rachel Suhs
Grace	Lee	gal0008@uah.edu	Attended	Rachel Suhs
Kotaro	Hino	kh0101@uah.edu	Attended	Rachel Suhs
Kurt	Scheidker	kws0008@uah.edu	Attended	Rachel Suhs
Taiyo	Hino	th0128@uah.edu	Attended	Rachel Suhs
Thibault	Richard	tr0074@uah.edu	Attended	Rachel Suhs
Shelby	Cave	src0031@uah.edu	Attended	Rachel Suhs
Julia	Wilhide	jw0249@uah.edu	Attended	Rachel Suhs
Parker	Nelson	prn0003@uah.edu	Attended	Rachel Suhs
Jacob	Bruce	jtb0072@uah.edu	Attended	Rachel Suhs
Kathryn	Hawes	kph0017@uah.edu	Attended	Rachel Suhs

9/17/2021 1:59 P		25293656
9/17/2021 1:59 P		25270735
9/17/2021 1:59 P		25295453
9/17/2021 2:01 P		25306514
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9/17/2021 5:39 P		25314449



Fill out a survey
for a FREE tote
bag!

Fill out a survey
for a FREE tote
bag!



Facilities Operations Positions Roster

revised May 11, 2021

[illegible]

Facilities Operations Positions Roster

revised May 11, 2021

Custodial Services		Custodial Worker I	Vacant	
Custodial Services		Custodial Worker II	Vacant	
Custodial Services		Custodial Worker I	Williams	Justin
Facilities Maintenance	Auxiliaries Maintenance	Maintenance Tech I, Housing	Alvarez	Shawn
Facilities Maintenance	Auxiliaries Maintenance	Maintenance Tech I, Housing	Greene	Scotty
Facilities Maintenance	Auxiliaries Maintenance	HVAC Technician II, Housing	Harmon	Jeremy
Facilities Maintenance	Auxiliaries Maintenance	Maintenance Tech Helper-Housing	Ponder	Dominique
Facilities Maintenance	Auxiliaries Maintenance	Maintenance Tech I, Housing	Stapler	Michael
Facilities Maintenance	Auxiliaries Maintenance	Maintenance Tech I, Housing	Stewart	Casey
Facilities Maintenance	Auxiliaries Maintenance	Housing Plumber I	Vacant	
Facilities Maintenance	Auxiliaries Maintenance	Maintenance Technician I-BEV	Vacant	
Facilities Maintenance	Auxiliaries Maintenance	Maintenance Technician I-BEV	Vacant	
Facilities Maintenance	Auxiliaries Maintenance	Supervisor, Auxiliaries Maintenance	Vacant	
Facilities Maintenance	Auxiliaries Maintenance	Maintenance Tech II, Housing	Wilbourn	Jeffery
Facilities Maintenance	Electrical	Supervisor, Electrical Systems	Dempsey	Ricky
Facilities Maintenance	Electrical	Electrical Lighting Technician I	Hughes	Timothy
Facilities Maintenance	Electrical	Electrician I	Locklear	Rick
Facilities Maintenance	Electrical	Fire Protection & Life Safety Technician I	Morgan	Michael
Facilities Maintenance	Electrical	Electrician II	Morring	Ricky
Facilities Maintenance	Electrical	Electrician II	Vacant	Recruiting
Facilities Maintenance	Electrical	Maintenance Worker I	Vacant	Recruiting
Facilities Maintenance	Electrical	Electrician II	West	Robert
Facilities Maintenance	General Trades	Interim Maintenance Supervisor (General Trades/Minor Constr)	Coggin	Nicholas
Facilities Maintenance	General Trades	Painter I	Cooper	Reginald
Facilities Maintenance	General Trades	Carpenter I	Hutchinson	Johnathan
Facilities Maintenance	General Trades	Access Control Technician I	Noblit	Thomas
Facilities Maintenance	General Trades	Painter II	Posey	John
Facilities Maintenance	General Trades	Painter I	Teague	Rickey
Facilities Maintenance	General Trades	Locksmith II	Torre	David
Facilities Maintenance	General Trades	Electrical Lighting Technician I (2nd shift)	Vacant	Recruiting
Facilities Maintenance	General Trades	Supervisor, General Trades & Minor Construction	Vacant	Recruiting
Facilities Maintenance	Mechanical/Plumbing	Senior Plumber	Bingman	Jerry
Facilities Maintenance	Mechanical/Plumbing	Mechanical/Electrical Specialist I	Butler	Daniel
Facilities Maintenance	Mechanical/Plumbing	Supervisor, Mechanical & Plumbing Systems	Dant	John
Facilities Maintenance	Mechanical/Plumbing	Mechanical/Electrical Specialist I	Elliott	Kirkland
Facilities Maintenance	Mechanical/Plumbing	HVAC Technician III	Fuller	David
Facilities Maintenance	Mechanical/Plumbing	HVAC Controls Technician	Mitchell	Jeremy
Facilities Maintenance	Mechanical/Plumbing	HVAC Technician I	Nash	Michael
Facilities Maintenance	Mechanical/Plumbing	Building Maintenance Technician	Satterfield	Larry
Facilities Maintenance	Mechanical/Plumbing	HVAC Technician III	Sisco	Joshua
Facilities Maintenance	Mechanical/Plumbing	Plumber II (2nd shift)	Vacant	
Facilities Maintenance	Mechanical/Plumbing	Plumber II	Whaley	John
Facilities Maintenance		Director, Facilities Maintenance	Davis	James
Facilities Maintenance		Assistant Director, Facilities Maintenance	Jones	Quanteaus
Grounds Management	Mechanics	Mechanic II	Smith	Larry
Grounds Management		Contracted Services Coordinator	Cooper	Daniel
Grounds Management		Landscaper II	Edwards	Bradley
Grounds Management		Landscaper II	Jean	Daniel
Grounds Management		Landscaper I	Jones	Alexandro
Grounds Management		Assistant Director, Grounds & Landscape Management	Kirkland	Bradley
Grounds Management		Landscaper II	Mathews	Johnathon
Grounds Management		Landscaper II	McLeod	John
Grounds Management		Landscaper II	Parker	Oscar
Grounds Management		Landscaper II	Shelton	Moses
Grounds Management		Director, Grounds & Landscape Management	Tollefson	Tory
Grounds Management		Irrigation Specialist	Vacant	Recruiting
Grounds Management		Landscape Supervisor	Vacant	Recruiting
Grounds Management		Landscaper I	Vacant	Recruiting
Grounds Management		Landscaper I	Vacant	Recruiting
Grounds Management		Landscaper III	Vacant	Recruiting
Grounds Management		Landscaper III	Vacant	Recruiting
Grounds Management		Landscaper III	Vacant	Recruiting
Grounds Management		Spray Specialist	Vacant	Recruiting
Stockroom	Customer Service	Procurement Assistant	Vacant	Recruiting
Stockroom	Customer Service	Stockroom Control Clerk	Vacant	

Training Acknowledgement (Responses)

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F1   Completed Training

	A	B	C	D	E	F
	Timestamp	Email Address	First Name	Last Name	Your Department	Completed Training
1						
15	2/17/2022		Bradley	Edwards	Grounds	Stormwater
16	2/17/2022		Clint	Bailey	Grounds	Stormwater
17	2/17/2022		Andreas	Maldonado	Grounds	Stormwater
18	2/17/2022		Ty	Randolph	Grounds	Stormwater
19	2/17/2022		Carlton	Jennings	Grounds	Stormwater
20	2/17/2022		Allen	Haswell	Grounds	Stormwater
21	2/17/2022		Brandon	Cantu	Grounds	Stormwater
22	2/17/2022		Tory	Tollefson	Grounds	Stormwater
23	2/17/2022		Daniel	Calavan	Grounds	Stormwater
24	2/17/2022		Michael	Marshall	Grounds	Stormwater
25	2/17/2022		Johnathon	Mathews	Grounds	Stormwater
26	2/17/2022		Wesley	Sanders	Electrical	Stormwater
27	2/17/2022		Jeffrey	Thompson	Electrical	Stormwater
28	2/17/2022		Gene	Smith	Gargage	Stormwater
29	2/17/2022		Candi	DeBardelaben	Administration	Stormwater
30	2/17/2022		Tim	Hughes	Electrical	Stormwater
31	2/17/2022		Ricky	Morring	Electrical	Stormwater

Green Club Pond Clean-Up Q&A

By Emma Shupe



UAH's retention ponds hold drainage flow from campus until water can naturally drain into McDonald Creek.

I recently sat down and talked with Green Club President Rachel Suhs about stormwater pollution. One of the Green Club's most successful events is their Pond Clean-Ups.

The two ponds in front of the campus on Sparkman Drive are actually retention ponds. Everything on UAH's campus ultimately drains into these retention ponds before entering an unnamed tributary to the McDonald Creek. Pollution and litter often gets carried with stormwater into the greater environment. The retention ponds at UAH can serve as a bottleneck for the pollution to the environment pipeline.

UAH's stormwater pollution prevention program is here to remind us that each of us has a role to play in making sure our water stays clean for use and recreation. This [stormwater program](#) promotes environmental stewardship in support of the University mission.

If you want to learn more, please feel free to [contact](#) the Office of Environmental Health and Safety or the Sustainability Coordinator to find out ways you can get involved.

Q: This article is done as part of an education and outreach initiative for our Stormwater Management Plan. What would you like for the UAH community to know about stormwater pollution?

A: Stormwater is very important and more relevant than we think. Wherever pollution takes place not only affects where it happens, but also down drainage systems and into bodies of water. If you pollute in Michigan or Montana, that pollution will be carried through the Mississippi River Basin and make its way down to Louisiana and the Gulf of Mexico.

Q: The Green Club has done quite a few pond clean-ups over the past few years. What inspired you to organize this event? Why not just stick to regular litter pick up on dry land?

A: When I became president, Pond Clean-Ups were already one of Green Club's events. It is a good way to get service hours. Cleaning up the whole campus is a hard job with the amount of people we have, but we can do a good job cleaning the lakes with our current turnout. Also since they are retention ponds, most of the campus drains to the ponds and they can become really concentrated with pollution.

Q: What are the most commonly found items during your pond clean-ups? How should they be properly disposed of?

A: Cigarette butts, plastic wrap (chip bags, snack foods), plastic beverage bottles, cans. These should be recycled when possible, and thrown away when not. There are plenty of bins around campus for both recycling and trash.

Q: What is the weirdest/strangest thing that has been found during a pond clean-up?

A: We find a lot of shoes. At least one shoe each cleanup, never matching. This year we found a wicker basket. We also found a bra. I try not to ask questions or think too much about how it got there.

Connect with Green Club »

✉ greenclub@uah.edu

f [UAH Green Club on Facebook](#)

Timestamp	Email Address	What should go into a storm drain?	How do you help keep potholes from getting worse?	Did you learn something new from this training?	Dumping debris into storm drains is prohibited by law.	Oil and chemical spills into storm drains are required by law to be reported.		
4/22/2021 12:47:58	srw0023@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
4/22/2021 12:48:12	rms0031@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
4/22/2021 12:51:26	cre0010@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
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4/22/2021 13:51:02	irm0005@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
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4/22/2021 14:21:21	mjh0030@uah.edu	Garbage	All of the above	Yes	TRUE	TRUE		
8/17/2021 11:36:52	kz0009@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 11:37:15	cam0098@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 11:37:57	taylorpotantus@gmail.com	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 11:37:58	bdb0026@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 11:37:59	Kjh0044@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
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8/17/2021 11:40:12	teb0014@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
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8/17/2021 11:43:36	bc0117@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
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8/17/2021 11:44:33	kes0038@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 11:44:37	mes0063@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 11:44:52	cs0204@uah.edu	Water only	All of the above	No	TRUE	TRUE		
8/17/2021 11:44:57	gry0001@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 11:45:39	annette.jeries@gmail.com	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 11:45:56	bcz0001@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 11:46:39	sms0066@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
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8/17/2021 11:49:10	tjohnson3599@gmail.com	Water only	Keeping work areas clear	No	TRUE	TRUE		
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8/17/2021 11:49:56	amschroder7@gmail.com	Water only	All of the above	No	TRUE	TRUE		
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Timestamp	Email Address	What should go into a storm drain?	How do you help keep potholes from getting worse?	Did you learn something new from this training?	Dumping debris into storm drains is prohibited by law.	Oil and chemical spills into storm drains are required by law to be reported.		
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8/17/2021 11:57:18	lukefanter@yahoo.com	Water only	All of the above	Yes	TRUE	TRUE		
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8/17/2021 12:12:13	sat0021@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
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8/17/2021 12:12:38	mad0044@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:12:47	williamramosdionisio@gmail.com	Water only	All of the above	Maybe	TRUE	TRUE		
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8/17/2021 12:14:04	ene0006@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 12:18:01	dc0091@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:18:18	wr0018@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
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8/17/2021 12:22:49	gac0014@uah.edu	Water only	All of the above	No	TRUE	FALSE		
8/17/2021 12:23:47	sd0064@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:23:50	kao0006@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 12:24:08	td0057@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 12:24:17	ts0109@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 12:24:22	susheelpraneeth7@gmail.com	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:25:48	lah0037@uah.edu	Water only	Keeping work areas clear	Yes	TRUE	TRUE		
8/17/2021 12:25:55	ehb0008@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 12:28:58	joypinckard@gmail.com	Water only	All of the above	No	TRUE	TRUE		
8/17/2021 12:29:37	crs0064@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 12:30:31	asw0037@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:30:33	jkj0023@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:31:15	kgk0006@uah.edu	Water only	All of the above	Maybe	FALSE	TRUE		
8/17/2021 12:31:35	gmb0017@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:35:10	bcs0029@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:36:26	powered.by.ios@gmail.com	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:36:37	briana3bw@gmail.com	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:38:31	loreleidarzi@gmail.com	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:38:57	dkr0013@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		

Timestamp	Email Address	What should go into a sto	How do you help keep po	Did you learn something r	Dumping debris into storm	Oil and chemical spills into storm drains are required by law to be reported.		
8/17/2021 12:40:49	mld0032@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:41:01	elw0021@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 12:41:57	keyblade912@gmail.com	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 12:42:37	sjt0016@uah.edu	Water only	All of the above	No	TRUE	TRUE		
8/17/2021 12:52:01	ds0166@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 12:53:12	sophietrosper@gmail.com	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:54:25	rtr0008@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 12:55:13	Kge0004@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 12:58:55	kkpaik28@gmail.com	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 13:05:12	aw0188@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 13:10:05	jpm0040@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 13:10:17	jd0082@uah.edu	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 13:10:23	austyncolelove2002@gm	Water only	All of the above	Yes	TRUE	TRUE		
8/17/2021 13:10:32	pln0003@uah.edu	Water only	All of the above	Maybe	TRUE	TRUE		
8/17/2021 13:12:01	msn0007@uah.edu	Water only	All of the above	No	TRUE	TRUE		