University of Wisconsin-Madison
Campus Planning Committee

Facilities Planning & Management
October 20, 2022
Agenda

1. Welcome & Introductions
   a) New Members – 5 min.

2. Old Business
   a) Approval of September 15, 2022, meeting minutes (Action) – 5 min.

3. New Business
   a) Office of Sustainability Report (Nergard) – 30 min.
   b) State of our Stormwater – Stormwater Permit Annual Report (Egger) – 15 min.
   c) West Campus District Plan Introduction (Seitz/Williams) – 30 min.

4. Announcements
   a) Upcoming Meetings for Spring Semester – 5 min.

5. Adjournment
Agenda

University Mission, CPC, and Sustainability
What is Sustainability?
Sustainability and the Capital Planning Process
Working Collaboratively

Appendix
• Framework Details
The primary purpose of the University of Wisconsin–Madison is to provide a learning environment in which faculty, staff and students can discover, examine critically, preserve and transmit the knowledge, wisdom and values that will help ensure the survival of this and future generations and improve the quality of life for all.

https://www.wisc.edu/about/mission/
The primary purpose of the University of Wisconsin–Madison is to provide a learning environment...

https://www.wisc.edu/about/mission/

The committee advises the Chancellor and Provost concerning issues affecting the physical facilities of the university, including long-range development planning, building and major remodeling priorities, site selection, circulation, land use, and related planning matters. Its main role is the formulation of the university’s biennial capital budget and six-year development plan. The committee is also consulted on campus building naming requests, art installations, and other policies affecting the physical development of the campus.

https://cpla.fpm.wisc.edu/planning/campus-planning-committee-cpc/
Sustainability at UW–Madison unites equity, efficiency, education, and research in service of environmental health for all.
Leadership Requires Integrating Sustainability Into Our Culture, Our Purpose, and Our Practice
Following the STARS

STARS Progress and Gap Analysis

- **Academics**
- **Engagement**
- **Operations**
- **Planning and Administration**

Legend:
- Green: UW-Madison (FY18)
- Red: UW-Madison (FY21)
- Blue: Big10 Average
- Yellow: Points Available
...advancing environmental priorities...

Municipal Solid Waste - Summary

Renewable Energy - Summary

Goals

Ingram Hall Waste Minimization
Spring 2020 | $19,321

Ogg Bird Strike Mitigation Fall
2019 | $9,990
...and achieving success
Sustainability in Higher Education

- Academics
- Research
- Campus Engagement
- Community Engagement
- Coordination & Planning
- Diversity
- Affordability
- Wellbeing
- Investment
- Buildings & Energy
- Food & Dining
- Purchasing
- Water
- Transportation
- Waste
How the Sustainability Team Can Help

• Provide methodology and resources for inclusive and forward-thinking project development
• Introduce Sustainability to your teams
• Support departmental sustainability planning

Focus Topic #3 - Wellbeing
Levy Hall will define a new standard for audible acuity on campus

Focus Topic #4 - Equity / Community
Levy Hall will make Letters & Sciences a national leader in providing welcoming, accessible spaces - supportive of the health, culture, and well-being of all who inhabit and interact with the building
Campus as a health promoting environment

Influence of the residential environment on undergraduate students’ health

Jose G. Cedeno Laurent, Joseph G. Allen, Eileen McNeely, Francesca Dominici & John D. Spengler

Journal of Exposure Science & Environmental Epidemiology 30, 320–327 (2020) | Cite this article

Nature and mental health: An ecosystem service perspective

Gregory N. Bratman, Christopher B. Anderson, Marc O. Berman, Bobby Cochran, Sierré de Vries, Jon Flanders, Carl Folke

Associations of Cognitive Function Scores with Carbon Dioxide, Ventilation, and Volatile Organic Compound Exposures in Office Workers: A Controlled Exposure Study of Green and Conventional Office Environments

Joseph G. Allen, Piers MacNaughton, Usha Satish, Suresh Santanam, Jose Vallarino, and John D. Spengler

Published: 1 June 2016 | https://doi.org/10.1289/ehp.1510037 | Cited by: 33
Sustainability and the Capital Planning Process

Plan for the future:

- Our students, our accreditation requirements, the degrees we offer, pedagogical methods and research will advance – it’s our job to plan for and enable change
- Environmental impacts of new projects come well after budget approval, think and plan for those at the campus level – not just the project level
- Encompass climate change considerations in all campus planning

The knowledge enterprise continues to inform the design of our learning environment

- 170 years of building technology to operate, maintain, live in, learn in, account for…

Sustainability supports project approval via

- Connecting our institutional mission to the campus environment
- Campus environment aligns projects with UW-System and State Goals
  WI Clean Energy Plan: [https://osce.wi.gov/pages/cleanenergyplan.aspx](https://osce.wi.gov/pages/cleanenergyplan.aspx)
Our Stakeholders Care

Prospective Students

- **School commitment to the environment affecting school choice**
  - 75% say a college’s environmental commitment _would_ affect their decision
  - 20% say a college’s environmental commitment _would not_ much affect their decision
  - 5% say say would have no effect on their college choice.

Internal Culture Change

- Do you believe that participating in STARS has instigated changes that have moved or will move your campus toward being more sustainable?
  - **Definitely Yes** 43.1%
  - **Probably Yes** 34.5%
  - **Probably Not** 2.4%
  - **Unsure** 19.0%

Alumni

- Environment, Sustainability, & Climate: 31%
- Healthcare and Medical Research: 32%
- STEM (science, technology, engineering, mathematics): 20%
- Arts, Culture, & Humanities: 18%
- Well-Being and Mindfulness: 30%
- International Relations and Global Affairs: 30%
- Social Science (e.g. history, politics, psychology, religion): 26%
- Food, Agriculture, & Nutrition: 26%
- Economics, Finance, & Investments: 24%
- Educational Policy and Curriculum: 22%
- Community and Economic Development: 21%
- Student Experience: 16%
- Youth and Adult Education Access and Programming: 15%
- Entrepreneurship: 15%
- Animal Health and Welfare: 14%
- Computing and Data Science: 13%

- Very interested: 31%
- Somewhat interested: 32%
- Slightly interested: 20%
- Not at all interested: 16%

Corporate & NGO

- Social Responsibility is a priority for 92% of corporate and nonprofit executives and 94% say SR initiatives are here to stay. *(PNC, 2022)*

- During 2020, 81% of a globally-representative selection of sustainable indexes outperformed their parent benchmarks. *(Blackrock, 2021)*
Appendix

Framework Details
Our Culture

Behavioral / Procedural Norms

Make sustainability principles part of our day-to-day interactions, operations, and decision-making

Our priorities:

- Integrate sustainability across campus
- Center social sustainability to support diversity, equity, inclusion, and access
- Establish UW-Madison as a leader in sustainability
Our Purpose

*Research and Education*

Elevate sustainability as a discipline, support collaborative research, and expand learning opportunities

Our priorities:

- Expand sustainability learning opportunities and collaborations
- Establish a distinctive home for sustainability research, education, and operations
- Champion sustainability research
Our Practice

*University Operations*

“Walk the talk” with policies, procedures, and systems that plan, design, build & operate a sustainable, regenerative university

Our priorities:
- Align campus environment to mission
- Center community health & wellness
- Promote a community of diversity & inclusion
- Pursue carbon neutrality
- Achieve zero waste
STATE OF OUR STORMWATER

2022 Stormwater Management Program

UW-Madison MS4 WPDES Permit
WPDES Permit No. WI-S058416-4

Covers all storm water discharges from UW-Madison municipal separate storm sewer systems.

- Group Permit that covers 21 municipalities around the Madison Area.

The intent is to have permittees implement programs known to increase the water quality of surface water runoff.
Stormwater Management Program and Reporting

Target Areas for Improved Stormwater
• Public Education and Outreach
• Public Involvement and Participation
• Illicit Discharge Detection and Elimination
• Construction Site Pollutant Control
• Post-Construction Storm Water Management
• Pollution Prevention
• Interagency Agreements
Section A - Total Maximum Daily Load Requirements for the Rock River Basin

Permit Section 1.8.1 and Appendix A
Section A - Total Maximum Daily Load Requirements for the Rock River Basin

Yahara WINS 2021 Annual Report

REDUCTIONS BY TMDL REACH

The Yahara Watershed is divided into eight areas, called reaches, that correspond to the water bodies that receive the stream’s runoff and interior tributary streams. These reaches are delineated by the Yahara River and its associated buffer areas.

Yahara WINS

Yahara River, Mercedo & Monona (TMDL Reach 41)
Projected phosphorus reductions, 311 lbs/year
Yahara River, Mercedo & Monona (TMDL Reach 41)
Actual reported: 452 lbs/year

Dorn Creek (TMDL Reach 40)
Projected phosphorus reductions, 263 lbs/year
Actual reported: 262 lbs/year

Pheasant Branch Creek (TMDL Reach 52)
Projected phosphorus reductions, 233 lbs/year
Actual reported: 264 lbs/year

Rine Spring Creek (TMDL Reach 62)
Projected phosphorus reductions, 134 lbs/year
Actual reported: 134 lbs/year

Baldwin Creek, Yahara River, Blackmore (TMDL Reach 48)
Projected phosphorus reductions, 59 lbs/year
Actual reported: 77 lbs/year

Yahara WINS
Section B - Discharges to Impaired Waters

2021 Biennial Determination

Permit Section 1.8.2
Section B - Discharges to Impaired Waters
2021 Biennial Determination

Permit Section 1.8.2

Lake Mendota - is impaired for Total Phosphorus, which has an approved Total Maximum Daily Load (TMDL). The Rock River TMDL for Total Phosphorus and Total Suspended Solids was officially approved by the USEPA in September 2011. UW-Madison is a participant in the Yahara RAP adaptive management program, as discussed in Section A of this Stormwater Management Plan, to maintain compliance with TMDL requirements.

Also, of note, a large portion of the area west of Babcock Drive and east of Highland Avenue of the UW-Madison permit area drains to Willow Creek, that ultimately drains to Lake Mendota. Willow Creek is not listed as an impaired waterway. It is UW-Madison practice to treat these two watershed areas the same regarding operations because they both fall under the area covered by the Rock River TMDL.

In addition, as of 1/22/2021, PCBs are no longer an impairment to Lake Mendota.

Lake Monona is impaired for Total Phosphorus, PCBs, and PFOS (new in 2021). The Lake Monona impairment for Total Phosphorus is also included in the approved Rock River TMDL.

The PCBs and PFOS impairments for Lake Monona do not have an approved TMDL. As a result, UW-Madison must conduct management practices and control measures to reduce, with the goal of eliminating, the discharge of PCBs and PFOS.

In 2021 UW-Madison conducted a survey of all building managers for any supplies of the fire-fighting Aqueous film-forming Foam (AFFF), containing PFOS. No AFFF containing PFOS was identified and no other sources of PFOS were identified on campus. Further, if any PCBs are identified on campus, they are managed for off-site disposal. There are no known sources of PCBs to stormwater discharges.

In the future, if sources of PFOS or PCBs are found, UW-Madison will determine specific control measures and practices that will be collectively used to try to eliminate the discharge of PCBs or PFOS. The control measures and practices will be identified and discussed in the subsequent annual M54 permit reporting. Those discussions will explain why control measures and practices were chosen as opposed to other alternatives.

Rock River TMDL, Wisc. Admin Code NR216 mandates that MS4 owners and operators perform a series of practices and standards in addition to meeting set performance standards for the entire MS4 area. Though none of the water bodies that UW-Madison directly discharge to are impaired for suspended solids (TSS), with the adoption of the Rock River TMDL, UW-Madison standard of meeting 40 percent TSS reduction in the MS4 permit area was increased to meet the relevant waste load allocation (WLA) set forth in the TMDL. Reach 64, which is the reach of the Rock River watershed in which UW-Madison resides, has a WLA equivalent to 73 percent reduction of TSS.
Section C – Public Education and Outreach Program

Permit Section 3.1
### Section C - Public Education and Outreach Program

#### Permit Section 3.1

<table>
<thead>
<tr>
<th>Activities</th>
<th>Publics</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stream and Domeine</td>
<td>Action - Educational</td>
<td>Educate community about stormwater management and best management practices through workshops and seminars.</td>
</tr>
<tr>
<td>Neighborhoods</td>
<td>Action - Educational</td>
<td>Educate community about stormwater management and best management practices through workshops and seminars.</td>
</tr>
<tr>
<td>Community</td>
<td>Audience</td>
<td>Annually distribute educational materials, including brochures and posters, to schools and community groups.</td>
</tr>
</tbody>
</table>

The Stormwater Management Plan (SMP) is a comprehensive document that outlines the best practices for managing stormwater in the UW-Madison area. The SMP includes a set of educational materials, including brochures and posters, that are distributed annually to schools and community groups. The goal is to educate the community about the importance of stormwater management and best management practices. The SMP also includes a set of workshops and seminars that are provided to neighborhood groups to educate them about stormwater management. The SMP is an ongoing process that is continually updated to reflect the latest best practices in stormwater management. The SMP is available for download on the UW-Madison website under the "SMP" section. It is recommended that all community members review the SMP to understand the best practices for managing stormwater in the UW-Madison area.
Section C – Public Education and Outreach Program

Permit Section 3.1
Section D – Public Involvement and Participation Program

Permit Section 3.2
Section E

Illicit Discharge, Detection, and Elimination Program

Permit Section 3.3
Section F

Construction Site Pollutant Control

&

Post-Construction Stormwater Management Programs

Permit Sections 3.4 & 3.5
UW-Madison Stormwater Management Plan - 2022
Section G – Pollution Prevention Program

Permit Section 3.6
Stormwater Pollution Prevention Plan

University Recycle Lot
University Housing – Eagle Heights

WPDES Permit No. WI-5058416-4

200 Eagle Heights Drive
Madison, WI 53705

December 2020

(updated October 2021)

This SWPPP includes the following information:

- The University Housing’s mission and Custodial role at the site;
- The importance of the storage of materials at the site;
- The SWPPP coordinator and a description of the coordinator’s duties;
- The other members of the SWPPP Pollution Prevention Team and their responsibilities;
- The facility, with information on location and activities, including a site map showing the stormwater drainage system, potential sources of contaminants and Best Management Practices (BMPs);
- The potential stormwater contaminants;
- The stormwater management controls and various BMPs on site to reduce pollutants in stormwater discharges;
- The site’s monitoring plan; and
- The implementation schedule and provisions for amendment of the plan.

2.0 Site Description

<table>
<thead>
<tr>
<th>Name of Facility</th>
<th>UW-Madison University Recycle Lot at Eagle Heights</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Location</td>
<td>200 Eagle Heights Drive in Madison, WI 53705. The site is located southwest of the intersection of Eagle Heights Drive and Lake Mendota Drive, south of Lot 2.</td>
</tr>
<tr>
<td>Facility &amp; Operator Contact (Name, Title, Telephone, Mailing Address)</td>
<td>Gabriel D. Lefever, Director of Apartment Facilities; (608) 262-1018; Apartment Facilities Office, 2902 Haight Road; Madison, WI 53705</td>
</tr>
<tr>
<td>Facility Information (Facility Permit Name: WPDES WI-5058416-4 for stormwater discharges (MS4 permit) Date of Expiration: June 30, 2024)</td>
<td>Number of Stormwater Outfalls: None Number of WPDES Outfalls: Receiving Water (Class of 1918 Marsh)</td>
</tr>
<tr>
<td>Emergency Contact (Name, Telephone)</td>
<td>Gabriel D. Lefever (see above)</td>
</tr>
</tbody>
</table>
Section H – Stormwater Quality Management
And Developed Urban Area Standards Applicability

Permit Section 3.7
Stormwater Quality Management (and Developed Urban Area Standards Applicability)

As required by Wisconsin regulations, there are minimum post-construction water quality standards that need to be met on all UW-Madison projects. Applicable standards for campus construction projects can be found in Wis. Admin Code NR 351: Runoff Management and NR216: Stormwater Discharge Permits.

For certain developed areas, developed urban area standards for stormwater quality management are applicable instead of the standard post-construction performance standards found in NR 151 Subchapter III (excluding NR151.13). The developed urban area standards are applicable to:

"...any incorporated municipality with an average density of 1,000 people per square mile or greater, based on the latest decennial census..." [NR 151.13(1)(a)].

The developed urban area standard is less restrictive than the other standard post-construction pollutant reduction requirements. For example, a 20 percent reduction in total suspended solids as opposed to a 40 percent reduction for redevelopment projects is required under the developed urban area standard. However, with the less restrictive developed urban area standards come additional requirements, as detailed in Section 3.7.1 of the MS4 permit and NR 151.13.

Though developed urban area standards may be applicable to some UW-Madison projects, the practice is to not utilize the less stringent reduction standards and instead use the established post-construction standards shown on Table 5.3 below (portions from “Green Infrastructure Master Plan, Page 82”):

<table>
<thead>
<tr>
<th>Performance Standard</th>
<th>Current NR 3(5)(b)</th>
<th>EQP M&amp;O Standards</th>
<th>City of Madison, Chapter 17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Suspended Solids Reduction (MS4 standard)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Phosphorus (TP) Reduction (MS4 standard)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Nitrogen (TN) Reduction (MS4 standard)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Vegetation Management and Education</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Public Education and Outreach</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Public Participation and Participation</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Water Quality Enforcement and Inspection</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Construction Site Pollution Goals</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Stormwater Quality Management</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Pollution Prevention</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Section I – Storm Sewer Map Program

Permit Section 3.8
Section J

Special Responsibilities for Certain Co-Permittees

UW-Madison Specific Conditions

Permit Section 4.6
AGREEMENT TO CONTROL THE CONTRIBUTION OF POLLUTANTS IN THE STORM SEWER SYSTEM BETWEEN 
THE CITY OF MADISON 
AND 
THE UNIVERSITY OF WISCONSIN-MADISON

THIS AGREEMENT, executed by the City of Madison, Wisconsin, a municipal corporation, hereinafter referred to as "MADISON", and the Board of Regents of the University of Wisconsin System on behalf of the University of Wisconsin-Madison, hereinafter referred to as "UNIVERSITY", acting by and through its authorized agents shall become effective upon execution by both parties:

WITNESSETH:

WHEREAS, MADISON and UNIVERSITY have jointly obtained Wisconsin Pollutant Discharge Permit Permit number W5020840-0-0 ("Permit") along with their consents, enabling them to discharge storm water from all portions of their municipal separate storm sewer systems pursuant to Chapter 283, Wis. Stats., and Wisconsin Administrative Code Chapter NR 256 and

WHEREAS, under the authority of Sec. 283.33(2)(d), Wis. Stats., and as required by Part I of the Permit, MADISON and UNIVERSITY agree to enter into an inter-municipal agreement to control the contribution of pollutants from one Party’s connected municipal separate storm sewer system to the other; and

WHEREAS, Sec. 66.0901, Wis. Stats., authorizes towns, villages, cities, and other governmental units and regional planning commissions to contract for the joint exercise of any power or duty required or authorized by a statute; and

WHEREAS, the governmental units which are parties hereof are authorized by statute to exercise the power implicit herein; and

WHEREAS, MADISON and UNIVERSITY agree it would be to the mutual benefit of the parties to control the contribution of pollutants from one municipal sewer system to the other.

NOW, THEREFORE, in consideration of the mutual promises, covenants, and agreements hereinafter set forth, MADISON and UNIVERSITY do, pursuant to the provisions of Wisconsin Statutes, agree as follows:

1. DEFINITIONS

For purposes of this AGREEMENT, the following definitions obtain:

(a) "MADISON Permit Area" means those lands within the municipal boundaries of the City of Madison, including UNIVERSITY lands located outside of the UNIVERSITY Permit Area, for which MADISON is responsible under the Permit.
Recent examples of campus research and academic activities that contribute to fulfilling the requirements of the permit include:

- Extensive UW Arboretum outreach to the local community as well as providing educational opportunities pertaining to a vast array of stormwater topics through seminars, training opportunities, workshops, exhibits, and direct community interactions. Many of the UW Arboretum efforts are captured in Section C: Public Education and Outreach Program of this Stormwater Management Plan.
- From 2018-2020, a Water Resources Management graduate program cohort at the Nelson Institute on campus, conducted a campus-wide salt use inventory as well as developed a Blueprint for Salt Sustainability on the UW-Madison Campus to identify opportunities for UW-Madison to improve local water quality through a reduction in salt use. Further discussion on this resource can be found in Section G: Pollution Prevention Program of this Stormwater Management Plan.
- Engagement with a 2022 spring semester Freshmen Engineering Design Course on the development of a sediment level measuring devise to help determine maintenance needs for detention basin BMPs.
UW-Madison Stormwater Management Plan - 2022

Authorized Representative
Environment Health & Safety
AVC Christopher Strang

Section K
UW-Madison Authorized Representative and 2021 Delegation of Signature Authority
Executive Summary

In accordance with the MS4 WPDES Permit No. WI-SS058416-4 (MS4 permit: Section 5 (Compliance Schedule)), all Madison-area permittees, including UW-Madison who is a co-permittee, are to submit their stormwater management programs to the Wisconsin Department of Natural Resources (DNR) and begin implementing any updates no later than March 31, 2021. UW-Madison met that requirement and provided the 2021 Stormwater Management Program to the DNR on March 31, 2021.

The stormwater management program describes in detail how the permittee intends to comply with the permit requirements for each minimum control measure. The program documentation is to be submitted separately through the DNR eEPorting system, as attachments to the annual report, for each of the areas detailed. Table 6 of the MS4 permit lists the permit sections (i.e., programs) that are to be included in the written Stormwater Management Plan. For most of these program plans, this is a one-time reporting requirement. However, some are to be updated on an annual basis (e.g., inventory of BMPs and SWPPPs) if there are any changes.

The UW-Madison Stormwater Management Program is organized into sections following the chronology of the MS4 permit sections and the program topics provided in Table 6 of the MS4 permit (Program Compliance Schedule for Permit Requirements). Development of the program area documentation relied heavily on input from UW-Madison Stormwater Management Program Internal Stakeholder Team. This team will continue to meet on a recurring basis throughout the permit term to further improve and refine our stormwater management program and the protection of our local water bodies.

For UW-Madison, the stormwater management program is intended to be a “living document” and updated with new or changing information as the program further develops. The intention is to engage campus stakeholders on an annual basis to update and detail changes to the program. Any subsequent updated versions of programs will be submitted to the DNR as part of annual reporting, which is due on March 31st of each year. Further development of these plans will continue through the current MS4 permit term, which expires on June 30, 2024.

Areas of the Stormwater Management Plan that continue to need further development and implementation, include:

- Illicit Discharge Detection and Elimination (IDDE) SOPs and procedures
- Public outreach topics including construction/post-construction
- Updating WINSLaM modeling for the evaluation of Total Suspended Solids (TSS) and Total Phosphorus (TP) TMDL baseline reduction requirements
- Implementation of BMP maintenance, inspection, and recordkeeping
- Further development of interagency agreements with the City of Madison, Village of Shorewood Hills, and US Federal Government
- Oversight of construction site pollutant control and post-construction storm management

The areas of the Stormwater Management Plan that had been previously listed as needing further development, which have since been addressed and implemented, include:

- Sediment management and disposal procedures
- Determination of level of involvement and oversight of the University’s role in the YaharaWINS project
- Increased utilization and involvement of academic resources for minimizing pollutant contamination of stormwater management
- Implementation of recurring inspections of our newly developed SWPPPs
Executive Summary

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The UW-Madison Stormwater Management Program documents the chronological history of the MS4 permit (Program Compliance Schedule) and provides a chronology of the UW-Madison stormwater management program’s development. The program documentation relied heavily on the work of the Internal Stakeholder Team. The team worked collaboratively with the UW-Madison Stormwater Management Program coordinator to further improve the Stormwater Management Program and protect our local waterways.

For UW-Madison, the stormwater management program is updated with new or changing policies and engaging campus stakeholders to ensure that the Stormwater Management Program continues to be a living document that can be updated as needed.

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UW-Madison Stormwater Management Program & Reporting

Published Report

- 2021 and Previous Annual Reports

Posted on the EH&S Website: https://ehs.wisc.edu/environmental/water/
UW-Madison Stormwater Management Program & Reporting

Published Report

- 2021 and Previous Annual Reports

Posted on the EH&S Website: https://ehs.wisc.edu/environmental/water/
Environment Health & Safety Team

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Lead Env Affairs Specialist
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Jeff Steele
Water Quality Coordinator
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Campus Stormwater Stakeholder Team

Grounds Department
Ellen Agnew

Office of Sustainability
Travis Blomberg

UW Arboretum
Gail Epping Overholt

Plumbing Shop
Pete Dahl

Unv. Housing and Apartments
Geb Lefeber

Planning and Delivery
Aaron Williams
Rhonda James
Matt Collins
1. Discovery
Project initiation and analysis
What are the current conditions, goals, and program priorities?

WORKSHOPS #1 AND #2

2. Visioning
Visioning and concept alternatives
What are the organizational ideas, scenarios to explore?

WORKSHOPS #3 AND #4

3. Design Development, Phasing
Advance and refine one overall concept--add further detail to phasing, finance modeling, funding, infrastructure, and zoning.

WORKSHOPS #5 AND #6

4. Synthesize
Preferred concept & graphic package development
How can the preferred approach be captured, conveyed, and implemented?

WORKSHOPS #7
Communication, feedback, and decision-making will depend on several key groups.

**District Advisory Committee**

Provides leadership and vision for district plan development.

**Decision-Making Groups**

Approves final plans.

**Shared Governance Engagement**

Provides campus perspective.
Communication, feedback, and decision-making will depend on several key groups.

**District Advisory Committee**

- Athletics
- CALS
- City of Madison
- DoIT
- Federal agencies
- FP&M
- Housing
- MG&E
- Native Nations (NNUW)
- Neighborhoods
- Pharmacy
- School of Medicine & Public Health
- School of Nursing
- School of Veterinary Medicine
- Union
- University Relations
- University Research Park
- UW Health
- UWPD
- VCFA
- VCRGE
- Veterans Services
- WARF
- Campus Planning Committee

**Decision-Making Groups**

- Board of Regents
- Chancellor and Executive Committee

**Shared Governance Engagement**

- Regular leadership updates
- West District Plan Process – public sessions
Campus Planning Committee Participation

*Provides leadership and vision for district plan development as a campus joint governance committee.*

- Provide school, college, division, or department input and direction to Core Team and Perkins & Will for development of district plan.
- Participate in presentation discussions at the Campus Planning Committee though late spring 2023.
- Provide constituency representation and context to support planning recommendations.
- Provide recommendations throughout the engagement process on issues and concerns affecting the physical development of campus.
- Collaborate with other school, college, division, departments as needed to provide a shared campus vision for the district plan.
## Stakeholder Engagement

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**Key**
- Planned engagement session
West Campus District Plan

Three Aspirations

Create a **compelling and actionable vision** for West Campus that energizes the Board of Regents and other internal and external stakeholders.

Develop a place for learning, research, innovation, community engagement, and economic development that **meaningfully contributes** to the campus, city, region, and state.

Ensure the vision and strategy can be monetized for the university’s benefit, while advancing **mission-aligned institutional goals** in teaching, research, and outreach.
The West Campus District Plan is the first major initiative under UW-Madison’s new real estate strategy
Initial Observations
2015 Campus Master Plan Projects

- 2015 Plan Proposed

- High Avenue
- Walnut Street
- Observatory Drive
- Veterinary Medicine

- Nielsen Tennis Stadium Expansion & Renovation
- Bakke Recreation & Wellbeing Center

WIMR

2015 Campus Master Plan Projects
District Plans - Willow Creek Master Plan
Where are the archeological sites?
Who has ownership of the land?

- **Regents**: 88.45 acres (69.35%)
- **Federal**: 19.47 acres (15.27%)
- **VA Hospital**: 19.62 acres (15.38%)
  
**Total acres**: 127.54

Locations:
- **Class of 1918 Marsh**
- **Bay Marsh**
- **Lake Mendota**
- **University Bay**
- **Highland Ave**
- **Walnut Street**
- **Observatory Drive**
- **Village of Shorewood Hills**
- **University Hospital**

Village of Shorewood Hills
Places Where Mixed-Use Innovation is the “Proof”

Georgia Tech – Tech Square
North Carolina State University - Centennial
Purdue University Discovery District
Opportunities: Initial findings from Perkins & Will design and listening session #1.

- Research space
- Industry partnerships
- Natural environment
- Federal agency coordination
- New amenities that create a better sense of place

- Food, beverage, and retail
- Daycare
- Fitness and recreation
- Housing and lodging
- Shared parking
- Meeting space
Challenges: Initial findings from Perkins & Will design and listening session #1.

- Developable land controlled by many
- UW Hospital growth needs
- Constrained mobility
- Community buy-in and support
- Private business integration
For more information, visit our website at:

https://www.vc.wisc.edu/realestate/

For questions or concerns, contact us at:

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wcdp@realestate.wisc.edu
## Announcements

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<th>Date</th>
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| November 17, 2022| Art Committee Recommendation(s)  
Update: West Campus District Plan                                                             | Hybrid  
In-Person + Webex  
Bascom Hall Room 260                             |
| December 15, 2022| Update: Transforming the Built Environment Report  
Update: 2023-25 Biennial Capital Budget  
Signage & Wayfinding Policy  
Update: West Campus District Plan                   | Hybrid  
In-Person + Webex  
Bascom Hall Room 260                             |
| February 16, 2023| Campus Master Plan Discussion                                                            | TBD                                           |
| March 9, 2023    |                                                                                          | TBD                                           |
| April 20, 2023   |                                                                                          | TBD                                           |
| May 18, 2023     |                                                                                          | TBD                                           |