

SWPPP NOTES

1. THE NATURE OF THIS PROJECT WILL CONSIST OF THE REMOVAL OF THE EXISTING BUILDING AND CONSTRUCTING A PROPOSED BRINE BUILDING AND SALT STORAGE SHED, WITH ASSOCIATED SURFACE PAVEMENTS, UTILITIES, AND STORMWATER MANAGEMENT SYSTEMS.
2. THE INTENDED SEQUENCING OF MAJOR CONSTRUCTION ACTIVITIES ARE AS FOLLOWS:
  - A. INSTALL VEHICLE TRACKING BMP
  - B. INSTALL INLET PROTECTION
  - C. INSTALL SILT FENCE AROUND SITE
  - D. DEMOLISH BUILDING
  - E. CLEAR AND GRUB SITE
  - F. STRIP AND STOCKPILE TOPSOIL
  - G. REMOVE PAVEMENTS AND UTILITIES
  - H. ROUGH GRADE SITE
  - I. IMPORT CLEAN FILL FOR REPLACEMENT AND BALANCE
  - J. INSTALL UTILITIES
  - K. INSTALL BUILDING FOUNDATIONS
  - L. INSTALL CURB AND GUTTER
  - M. INSTALL PAVEMENTS AND WALKS
  - N. FINAL GRADE SITE
  - O. REMOVE ACCUMULATED SEDIMENT FROM STORMWATER SYSTEMS
  - P. SEED AND MULCH
  - Q. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE SITE IS STABILIZED, REMOVE SILT FENCE, INLET PROTECTION, AND RESEED ANY AREAS DISTURBED BY THE REMOVAL.
3. SITE DATA:
 

DISTURBED AREA:	2.438 AC
PRE-CONSTRUCTION IMPERVIOUS AREA:	1.918 AC
POST-CONSTRUCTION IMPERVIOUS AREA:	1.352 AC

GENERAL SOIL TYPE: SEE GEOTECHNICAL EVALUATION REPORT BY TERRACON  
 HYDROLOGY INFORMATION: SEE HYDROLOGY REPORT PREPARED BY LOUCKS
4. EROSION AND SEDIMENT CONTROLS WERE DESIGNED TO EFFECTIVELY CONTROL STORMWATER RUNOFF WITHIN THE PROJECT AREAS. EROSION AND SEDIMENT CONTROL HAVE BEEN PROPOSED TO MINIMIZE CHANNEL EROSION AND SCOUR IN THE IMMEDIATE VICINITY OF DISCHARGE POINTS. FACTORS THAT WERE CONSIDERED INCLUDE PROPOSED IMPERVIOUS AREAS, SLOPE OF IMPERVIOUS SURFACES, STORMWATER INFRASTRUCTURE DISCHARGE POINTS, AND ANNUAL AVERAGE PRECIPITATION DATA FOR THE PROJECT AREA.
5. HENNEPIN COUNTY RECEIVES AN AVERAGE OF 32 INCHES OF PRECIPITATION PER YEAR. THE FOLLOWING COUNTY 24-HOUR STORM EVENTS ARE BASED ON ATLAS 14 RAINFALL DATA:
 

2-YR	2.86 INCHES
10-YR	4.26 INCHES
100-YR	7.32 INCHES
6. SEE "EXHIBIT: PROPOSED DRAINAGE AREAS" FOR SITE MAP WITH DRAINAGE AREA BOUNDARIES.
7. THE LOCATION OF AREAS NOT TO BE DISTURBED MUST BE IDENTIFIED WITH FLAGS, STAKES, SIGNS, SILT FENCE, ETC. BEFORE CONSTRUCTION BEGINS.
8. CONTRACTOR SHALL INSTALL RAIN GAUGE ON SITE.
9. GROUNDWATER & DEWATERING
  - A. REFER TO THE GEOTECHNICAL ENGINEERING REPORT (REPORT MP255193) PREPARED BY TERRACON DECEMBER 5, 2025 FOR INFORMATION INCLUDING BUT NOT LIMITED TO GROUNDWATER CONDITIONS AND RECOMMENDATIONS FOR EXCAVATION DEWATERING.
  - B. FOLLOW LOCAL, STATE, AND FEDERAL REGULATIONS FOR GROUNDWATER PUMPING AND OBTAIN ALL NECESSARY PERMITS. A WATER USE PERMIT FROM THE DNR IS REQUIRED WHEN WITHDRAWING MORE THAN 10,000 GALLONS OF WATER PER DAY OR 1 MILLION GALLONS PER YEAR.
  - C. DISPERSE DISCHARGE USING APPROPRIATE ENERGY DISSIPATION MEASURES.
  - D. BMPS SHALL BE USED TO PREVENT TURBID OR SEDIMENT LADEN WATERS FROM LEAVING SITE.
  - E. DEWATERING SHALL NOT CAUSE NUISANCE CONDITIONS INCLUDING BUT NOT LIMITED TO EROSION OR SCOUR IN THE IMMEDIATE VICINITY OF DISCHARGE POINTS OR INUNDATION OF WETLANDS THAT CAUSES SIGNIFICANT ADVERSE IMPACTS TO THE WETLAND.
10. REFER TO THE GEOTECHNICAL REPORT FOR INFORMATION AND RECOMMENDATIONS RELATED TO SOIL CONTAMINATION.
11. ALL DISTURBED GROUND LEFT INACTIVE FOR SEVEN (7) OR MORE DAYS SHALL BE STABILIZED BY SEEDING OR SODDING (ONLY AVAILABLE PRIOR TO SEPTEMBER 15) OR BY MULCHING OR COVERING OR OTHER EQUIVALENT CONTROL MEASURE.
12. ON SLOPES 3:1 OR GREATER MAINTAIN SHEET FLOW AND MINIMIZE RILLS AND/OR GULLIES. SLOPE LENGTHS CAN NOT BE GREATER THAN 75 FEET.
13. ALL STORM DRAINS AND INLETS MUST BE PROTECTED UNTIL ALL SOURCES OF POTENTIAL DISCHARGE ARE STABILIZED.
14. SOIL COMPACTION SHALL BE MINIMIZED DURING CONSTRUCTION.
15. TEMPORARY SOIL STOCKPILES MUST HAVE EFFECTIVE SEDIMENT CONTROL AND CAN NOT BE PLACED IN SURFACE WATERS OR STORM WATER CONVEYANCE SYSTEMS. TEMPORARY STOCKPILES WITHOUT SIGNIFICANT AMOUNT OF SILT, CLAY, OR ORGANIC COMPOUNDS ARE EXEMPT EX: CLEAN AGGREGATE STOCK PILES, DEMOLITION CONCRETE STOCKPILES, SAND STOCKPILES.
16. SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED ON ALL DOWNGRADE PERIMETERS AND UPGRADE OF ANY BUFFER ZONES.
17. SEDIMENT LADEN WATER MUST BE DISCHARGED TO A SEDIMENTATION BASIN WHENEVER POSSIBLE. IF NOT POSSIBLE, IT MUST BE TREATED WITH THE APPROPRIATE BMP'S.
18. SOLID WASTE MUST BE DISPOSED OF PROPERLY AND MUST COMPLY WITH MPCDA DISPOSAL REQUIREMENTS.
19. NO VEHICLE WASHING ALLOWED ON SITE.
20. NO ENGINE DEGREASING IS ALLOWED ON SITE.
21. THE OWNER IS RESPONSIBLE FOR COMPLIANCE WITH ALL TERMS AND CONDITIONS OF THE PERMIT. THE

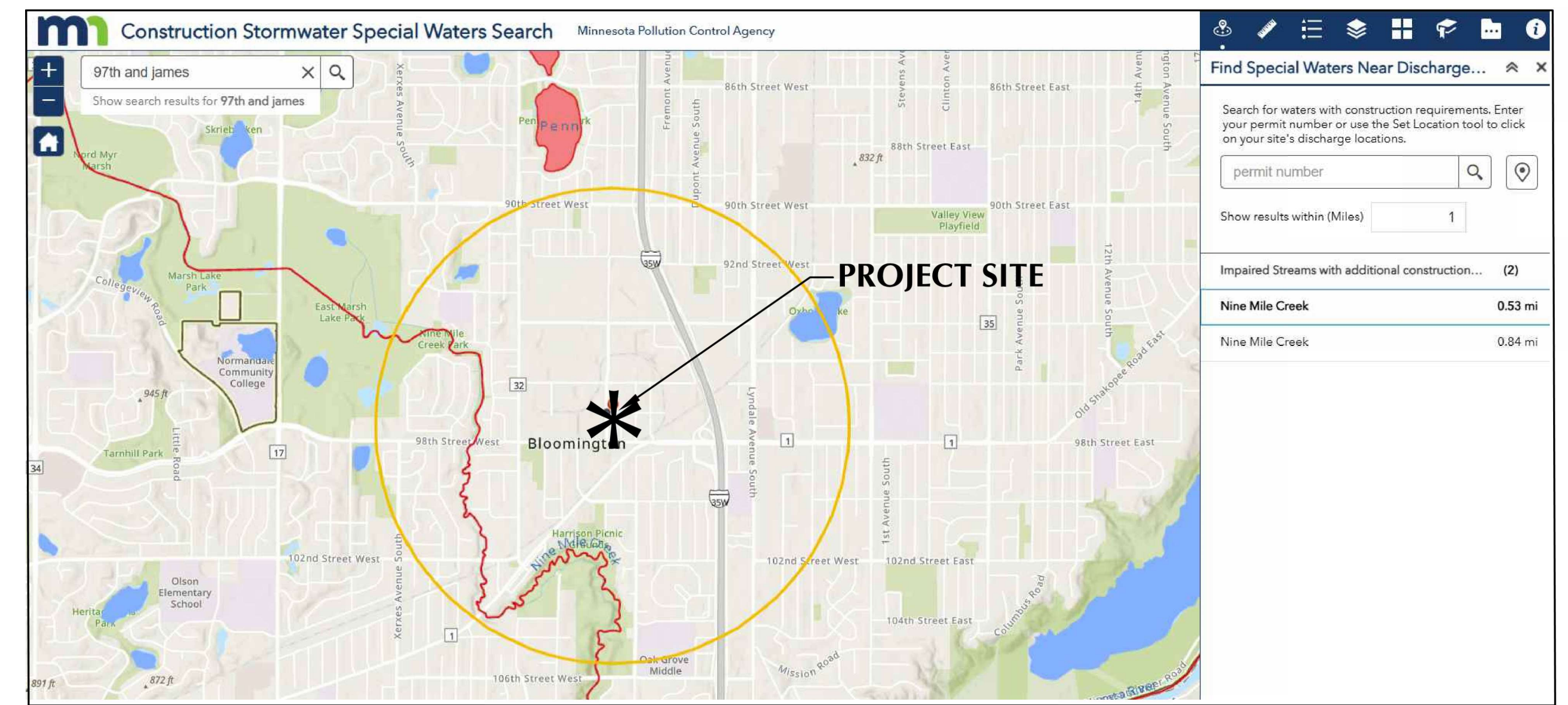
- OPERATOR IS RESPONSIBLE FOR COMPLIANCE WITH SECTIONS 3, 4, 6-22, 24 AND APPLICABLE REQUIREMENTS FOR CONSTRUCTION ACTIVITY IN SECTION 23.
22. TERMINATION OF COVERAGE-PERMITTEE(S) WISHING TO TERMINATE COVERAGE MUST SUBMIT A NOTICE OF TERMINATION (NOT) TO THE MPCDA. ALL PERMITTEE(S) MUST SUBMIT A NOT WITHIN 30 DAYS AFTER THE FOLLOWING CONDITIONS HAVE BEEN MET:
    - A. PERMIT TERMINATION CONDITIONS, PER NPDES PERMIT SECTION 13.1 HAVE BEEN ACHIEVED ON ALL PORTIONS OF THE SITE FOR WHICH THE PERMITTEE IS RESPONSIBLE.
      - A.A. PERMANENT UNIFORM PERENNIAL VEGETATIVE COVER MUST BE ESTABLISHED AT 70% DENSITY OF ITS EXPECTED FINAL GROWTH.
      - A.B. THE PERMANENT STORMWATER TREATMENT SYSTEM IS CONSTRUCTED, MEETS ALL REQUIREMENTS, AND IS OPERATING AS DESIGNED.
      - A.C. ALL TEMPORARY SYNTHETIC EROSION PREVENTION AND SEDIMENT CONTROL BMPS MUST BE REMOVED.
      - A.D. CLEAN OUT SEDIMENT FROM CONVEYANCE SYSTEMS AND PERMANENT STORMWATER TREATMENT SYSTEMS (RETURN TO DESIGN CAPACITY).
  23. INSPECTIONS
    - A. INITIAL INSPECTION FOLLOWING SILT FENCE INSTALLATION BY CITY REPRESENTATIVE IS REQUIRED.
    - B. EXPOSED SOIL AREAS: ONCE EVERY 7 DAYS AND WITHIN 24 HOURS FOLLOWING A 0.5" OVER 24 HOUR RAIN EVENT.
    - C. STABILIZED AREAS: ONCE EVERY 30 DAYS
    - D. FROZEN GROUND: AS SOON AS RUNOFF OCCURS OR PRIOR TO RESUMING CONSTRUCTION.
    - E. INSPECTION AND MAINTENANCE RECORDS MUST BE RETAINED FOR 3 YEARS AFTER FILING OF THE NOTICE OF TERMINATION AND MUST INCLUDE: DATE AND TIME OF ACTION, NAME OF PERSON(S) CONDUCTING WORK, FINDING OF INSPECTIONS AND RECOMMENDATIONS FOR CORRECTIVE ACTION, DATE AND AMOUNT OF RAINFALL EVENTS GREATER THAN 0.5 INCHES IN A 24 HOUR PERIOD.
    - F. OBSERVE ANY DISCHARGE OCCURRING ONSITE AND DOCUMENT CORRECTIVE ACTIONS TAKEN. DISCHARGE SHOULD BE DESCRIBED AND PHOTOGRAPHED.
  24. MINIMUM MAINTENANCE
    - A. ALL NONFUNCTIONAL BMPS MUST BE REPAIRED, REPLACED, OR SUPPLEMENTED WITH FUNCTIONAL BMPS BY THE END OF THE NEXT BUSINESS DAY AFTER DISCOVERY OR AS SOON AS FIELD CONDITIONS ALLOW.
    - B. REPAIR, REPLACE, OR SUPPLEMENT ALL PERIMETER CONTROL DEVICES WHEN THEY BECOME NONFUNCTIONAL OR THE SEDIMENT REACHES 1/2 THE HEIGHT OF THE DEVICE.
    - C. SEDIMENT BASINS DRAINED AND SEDIMENT REMOVED WHEN REACHES 1/2 STORAGE VOLUME.
    - D. SEDIMENT REMOVED FROM SURFACE WATERS WITHIN (7)SEVEN CALENDAR DAYS OF DISCOVERY.
    - E. CONSTRUCTION SITE EXITS INSPECTED, TRACKED SEDIMENT REMOVED WITHIN (1)ONE CALENDAR DAY.
    - F. PROVIDE COPIES OF EROSION INSPECTION RESULTS TO CITY ENGINEER FOR ALL EVENTS GREATER THAN 1/2" IN 24 HOURS.
  25. THE SWPPP, INCLUDING ALL CHANGES TO IT, AND INSPECTIONS AND MAINTENANCE RECORDS MUST BE KEPT AT THE SITE DURING CONSTRUCTION ACTIVITY BY THE PERMITTEE(S) WHO HAVE OPERATIONAL CONTROL OF THE SITE.
  26. OWNER MUST KEEP RECORDS OF ALL PERMITS REQUIRED FOR THE PROJECT, THE SWPPP, ALL INSPECTIONS AND MAINTENANCE, PERMANENT OPERATION AND MAINTENANCE AGREEMENTS, AND REQUIRED CALCULATIONS FOR TEMPORARY AND PERMANENT STORM WATER MANAGEMENT SYSTEMS. THESE RECORDS MUST BE RETAINED FOR THREE YEARS AFTER FILING NPDES NOTICE OF TERMINATION.
  27. SWPPP MUST BE AMENDED WHEN:
    - A. THERE IS A CHANGE IN DESIGN, OPERATION, MAINTENANCE, WEATHER OR SEASONAL CONDITIONS THAT HAS A SIGNIFICANT EFFECT ON DISCHARGE
    - B. INSPECTIONS INDICATE THAT THE SWPPP IS NOT EFFECTIVE AND DISCHARGE IS EXCEEDING WATER QUALITY STANDARDS.
    - C. THE BMP'S IN THE SWPPP ARE NOT CONTROLLING POLLUTANTS IN DISCHARGES OR IS NOT CONSISTENT WITH THE TERMS AND CONDITIONS OF THE PERMIT.
  28. CONCRETE WASHOUT AREA
    - A. THE WASHOUT AND CLEANOUT OF STUCCO, PAINT, CONCRETE, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS SHALL BE PROPERLY CONTAINED AND DISPOSED OF. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND USING APPROVED METHODS OF CONTAINMENT SUCH AS PRE-FABRICATED WASHOUT CONTAINERS, CONCRETE WASHOUT TOTE, READY MIX TRUCKS WITH SELF-CONTAINED CHUTE CLEANOUT, ETC.
    - B. ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY.
  29. IN THE EVENT OF ENCOUNTERING A WELL OR SPRING DURING CONSTRUCTION CONTRACTOR TO CEASE CONSTRUCTION ACTIVITY AND NOTIFY ENGINEER.
  30. PIPE OUTLETS MUST BE PROVIDED WITH TEMPORARY OR PERMANENT ENERGY DISSIPATION WITHIN 24 HOURS AFTER CONNECTION TO A SURFACE WATER.
  31. FINAL STABILIZATION
 

FINAL STABILIZATION REQUIRES THAT ALL SOIL DISTURBING ACTIVITIES HAVE BEEN COMPLETED AND THAT DISTURBED AREAS ARE STABILIZED BY A UNIFORM PERENNIAL VEGETATIVE COVER WITH 70% OF THE EXPECTED FINAL DENSITY, AND THAT ALL PERMANENT PAVEMENTS HAVE BEEN INSTALLED. ALL TEMPORARY BMP'S SHALL BE REMOVED, DITCHES STABILIZED, AND SEDIMENT SHALL BE REMOVED FROM PERMANENT CONVEYANCES AND SEDIMENTATION BASINS IN ORDER TO RETURN THE POND TO DESIGN CAPACITY.
  32. RESPONSIBILITIES
    - A. THE OWNER MUST IDENTIFY A PERSON WHO WILL OVERSEE THE SWPPP IMPLEMENTATION AND THE PERSON RESPONSIBLE FOR INSPECTION AND MAINTENANCE:
 

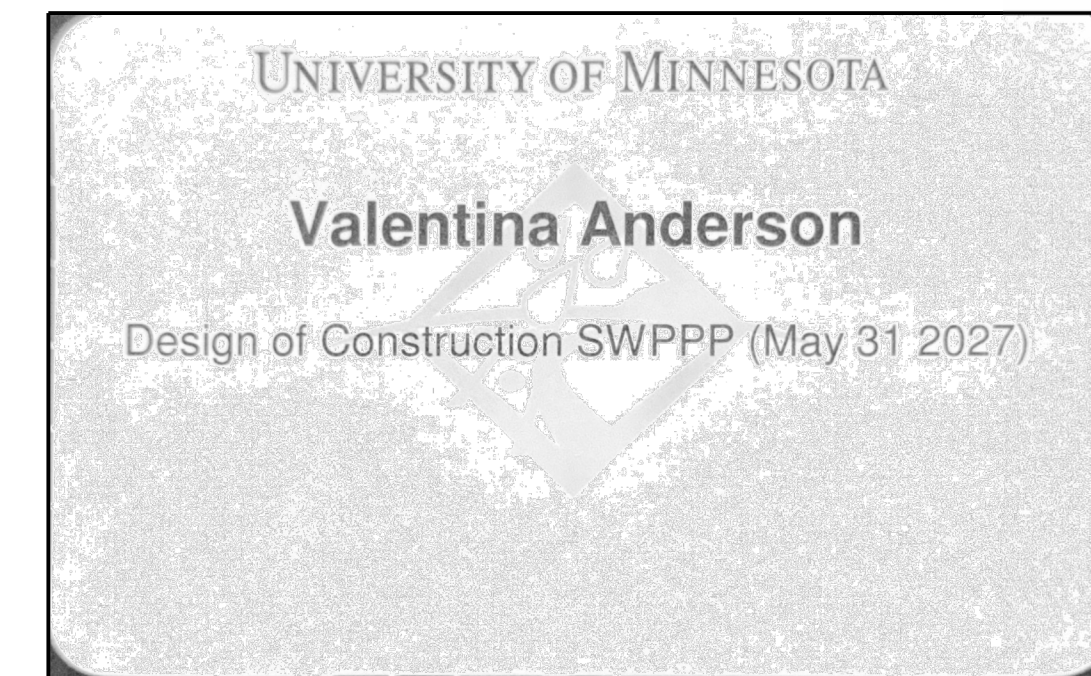
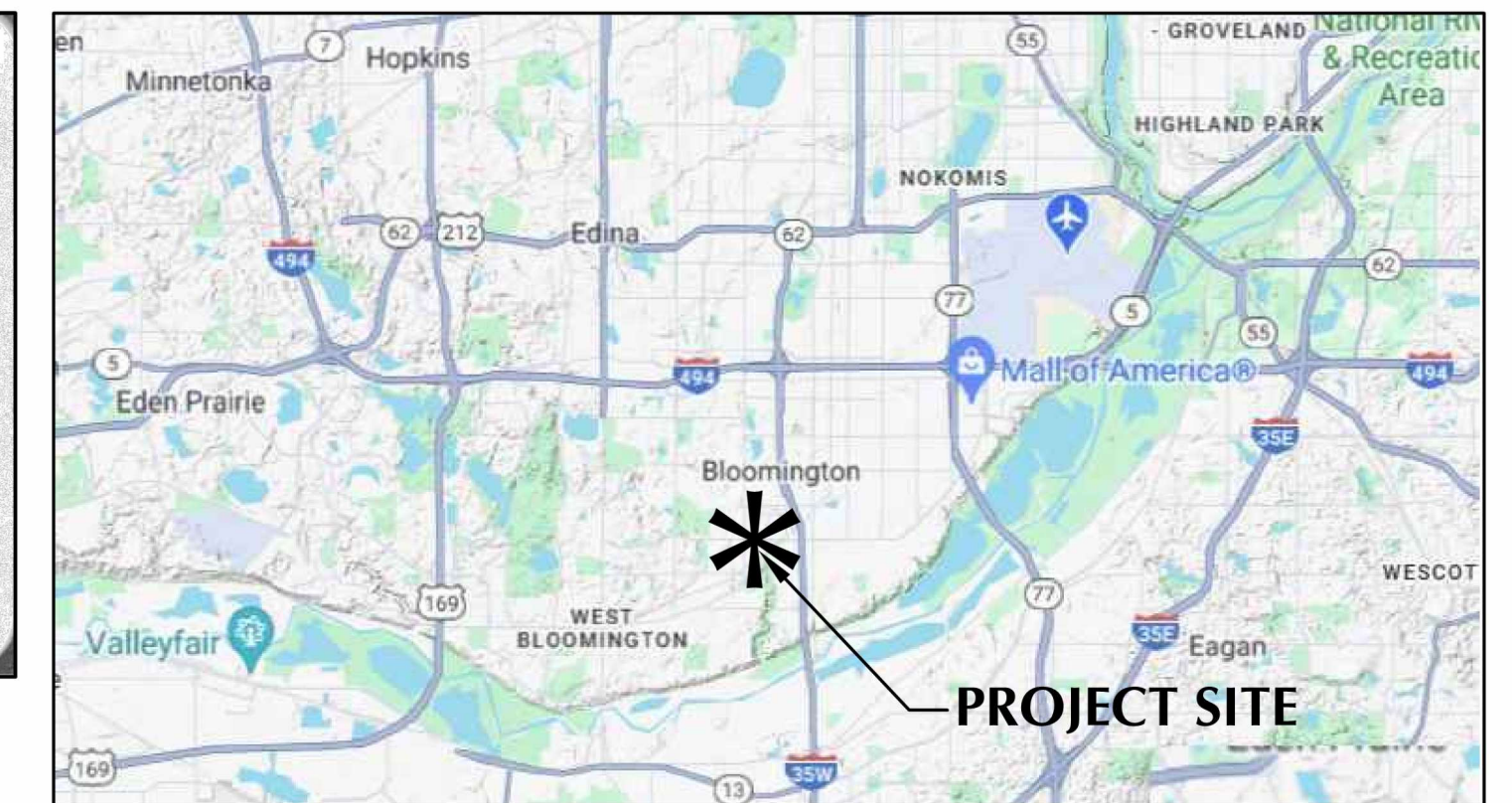
CONTACT: EARTHWORK CONTRACTOR, TBD  
 COMPANY: TBD  
 PHONE: TBD
    - B. THE OWNER MUST IDENTIFY THE A PERSON WHO WILL BE RESPONSIBLE FOR LONG TERM OPERATIONS AND MAINTENANCE OF THE PERMANENT STORMWATER MANAGEMENT SYSTEM:
 

CONTACT: FLEET MANAGER  
 COMPANY: CITY OF BLOOMINGTON  
 PHONE: 952-563-4922
  33. THE WATERSHED DISTRICT OR THE CITY MAY HAVE REQUIREMENTS FOR INSPECTIONS OR AS-BUILT DRAWINGS VERIFYING PROPER CONSTRUCTION OF THE BMPS.
  34. EROSION CONTROL DEVICES CANNOT BE REMOVED UNTIL THE WATERSHED DISTRICT HAS DETERMINED THE SITE HAS BEEN PERMANENTLY RESTABILIZED AND SHALL BE REMOVED WITHIN 30 DAYS THEREAFTER.

CONSTRUCTION STORMWATER SPECIAL WATERS SEARCH MAP



SITE VICINITY MAP



NOTE:  
 EXISTING CONDITIONS INFORMATION SHOWN IS FROM A SURVEY PREPARED BY W. BROWN LAND SURVEYING, INC., DATED 10/03/2025.



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 Minneapolis, MN 55401  
 phone: (612) 746-4260



NO.	DESCRIPTION	DATE

Michael J. St. Martin - PE  
 License No. 24440  
 Date  
 Loucks Project No. 19815.0A  
 Project Lead MJS  
 Drawn By SLP  
 Checked By MJS  
 Review Date

PRELIMINARY NOT FOR CONSTRUCTION  
 CITY OF BLOOMINGTON  
**SALT SHED AND BRINE BUILDING**  
 BLOOMINGTON, MN

DATE	01/13/2026
PHASE	PLANNING COMMISSION
PROJECT	22263.01
SHEET	C3-3 SWPPP - NOTES

**C3-3**  
 SWPPP - NOTES