

PROJECT NAME / LOCATION

PROJECT NAME MINNEHAHA BIKE SKILLS PARK
PROJECT ADDRESS 3201 & 3301 ADDRESS 47TH STREET EAST MINNEAPOLIS MN 55406
PROPERTY ID 1802823220047 & 1802823220017
LATTITUDE/LONGITUDE 44.9175N 93.2233W

CONTACTS

OWNER: Minneapolis Parks and Recreation Board
CONTRACTOR/OPERATOR: PENDING
PREPARER: Elan Design Lab, Inc.
CONTACT: Kally Haluptzok, EIT

GENERAL SWPPP RESPONSIBILITIES

The Contractor (Operator) shall provide a knowledgeable and experienced person(s) to oversee the implementation of the SWPPP and the installation. Inspection and maintenance of the erosion and sediment control BMP's before and during construction.

PROJECT DESCRIPTION

The project site was previously home to a tennis court, which had fallen into disrepair. The court was removed in 2024 to make way for the proposed bike skills park.

SOILS

Soils on the northern half of the site are primarily variable fill, from the original construction of the tennis courts. Below the layers of fill, and south of the former tennis court, the native soils are sands (SP), and sands with silt (SP-SM).

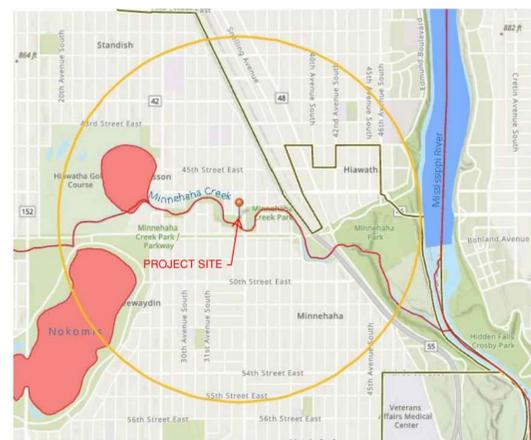
RECEIVING WATERS

The project site is just north of Minnehaha creek which is classified as an impaired water by the MPCA. Runoff from the site will discharge directly to Minnehaha Creek.

MAP OF SURFACE WATERS



MAP OF MPCA IMPAIRED AND SPECIAL WATERS



PROJECT PLANS

The following plan sheets are hereby incorporated into this SWPPP

Table with 3 columns: SHEET NUMBER, DESCRIPTION, DATE. Rows include C201 (Grading Plan), C202 (Erosion and Sediment Control Plan), C301 (Storm Sewer Plan), and C501 - C503 (Details).

STORMWATER RELATED REVIEWS AND PERMITS

Table with 3 columns: AGENCY, TYPE OF PERMIT REVIEW, STATUS. Rows include City of Minneapolis (Site Plan Review, Stormwater Management, Erosion and Sediment Control, Grading Permit, Building Permit) and MPCA (Construction Stormwater).

STORMWATER MANAGEMENT SYSTEM OVERVIEW

See Stormwater Management Plan incorporated herein by reference for details on system design, flow rates and volumes and system capacities. A series of area drain catch basins route runoff from the bike park to a single infiltration basin on the south side of the site.

See Operations and Maintenance Manual for post construction system maintenance requirements.

SHORELAND OVERLAY GRADING AND FILLING CONDITIONS

The Contractor (Operator) is responsible for the following erosion prevention measures required by the City of Minneapolis for grading and filling within the shoreland overlay district.

- 1. The smallest amount of bare ground shall be exposed for as short a time as feasible.
2. Temporary ground cover, such as mulch, shall be used and permanent ground cover, such as turf grass, native grasses or other perennial flowering plants, vines, shrubs or trees shall be established.
3. Best management practices to prevent erosion and trap sediment shall be employed to ensure that soil loss levels do not degrade the protected water.
4. Fill shall be stabilized to accepted engineering standards.
5. Any work which will change or diminish the course, current or cross-section of a protected water shall be prohibited except where approved by the commissioner of natural resources.
6. The top of a riverbank or lake bank shall not be moved closer to the protected water.

EROSION PREVENTION MEASURES - GENERAL

The Contractor (Operator) is responsible for all erosion prevention measures for the project including but are not limited to the following:

- 1. The Contractor (Operator) shall plan and implement appropriate construction practice and construction phasing to minimize erosion and retain vegetation whenever possible.
2. All areas not to be disturbed shall be delineated with flags, stakes, signs, or other means necessary to protect these areas before construction begins on the site.
3. All drainage ditches and/or swales shall have temporary or permanent stabilization within 24 hours of connecting to a surface water or 24 hours after construction activity in the ditch/swale has temporarily or permanently ceased.
4. All pipe outlets shall have temporary or permanent energy dissipation within 24 hours of connecting to a surface water.
5. All exposed soils shall be stabilized as soon as possible to limit soil erosion. In no case shall un-worked areas, including stockpiles, have exposed soils for more than 14 days without providing temporary or permanent stabilization. (7 days for projects with a receiving water that is impaired or special)

SEDIMENT CONTROL MEASURES AND TIMING - GENERALS

The Operator (Contractor) is responsible for all sediment control measures for the project. Sediment control measures include but are not limited to the following:

- 1. Sediment control measures shall be established on all down gradient perimeters before any up-gradient land disturbing activities begin. These measures shall remain in place until final stabilization has been established.
2. On slopes with 3:1 or steeper grades there shall be no unbroken slope length greater than 75 feet.
3. All storm drain inlets and culvert inlets shall be protected by an appropriate BMP during construction until all sources with potential for discharging to the inlet has been stabilized. Inlet and culvert protection shall conform to the MnDOT Specifications 2573 and 3891.
4. Stockpiles shall be provided with an effective sediment perimeter control and shall not be placed in any type of surface water or drainageway.
5. Vehicle tracking shall be minimized with effective BMP's. Where the BMP's fail to prevent sediment from tracking onto streets the Contractor shall conduct street sweeping to remove all tracked sediment.
6. The Operator is responsible for identifying the need for temporary sediment basins based on actual field conditions to protect downstream resources. Temporary sediment basins shall be constructed before up gradient vegetation is disturbed and maintained until the risk of damage to downstream resources is mitigated by other means.

DEWATERING AND BASIN DRAINING ACTIVITIES - GENERAL

The Operator is responsible for adhering to all dewatering and surface drainage regulations, including but not limited to the following:

- 1. Whenever possible water from dewatering activities shall discharge to a temporary and/or permanent sediment basin.
2. If water cannot be discharged to a sedimentation basin, it shall be treated with other appropriate BMP's, to effectively remove sediment.
3. All discharge points shall be protected from erosion and scour.
4. Discharge water shall be dispersed over an effective energy dissipation measure.
5. All water from dewatering shall be discharged in a manner that does not cause nuisance conditions, erosion, or inundation of wetlands. Water shall not be discharged to adjacent residential properties. It must be discharged to the public street.

FINAL STABILIZATION - GENERAL

The Operator is responsible for ensuring final stabilization of the site, including but is not limited to the following:

- 1. All soil disturbing activities outside of the right-of-way have been completed.
2. All exposed soils have been uniformly stabilized.
3. All drainage ditches, ponds and all storm water conveyance systems have been cleared of sediment and stabilized to preclude erosion.

TEMPORARY SEDIMENT BASIN

The Contractor shall limit the amount of the site that is susceptible to erosion at any given time by phasing the work. Permanent infiltration facilities can be used as temporary storage basins prior to installing sand and infiltration media. Do not excavate beyond design subgrade elevations.

CONSTRUCTION SEQUENCING - GENERAL

Contractor shall comply with the following sequence. The Contractor may adjust the sequence if needed to address their means and methods and unanticipated field conditions.

- 1. Establish tree protection fences, perimeter control, inlet protection, construction entrance and trail closure signs.
2. Remove designated tree and shrub as directed on C010.
3. Begin mass grading
4. Stockpile excess soil in designated area as illustrated on C202.
5. Excavate temporary sediment basin in location of future infiltration basin. Do not excavate deeper than 812.5 feet. Avoid soil compaction and operation of heavy machinery in this area.
6. Install storm sewer inlets, pipes, and flared end section. Install inlet protection on new inlets as they are established.
7. Ensure temporary stabilization in areas where construction has ceased within 7 days of inactivity.
8. Construct patio, bike trails, and features.
9. Dewater and Excavate accumulated sediment in temporary sediment basin. Do not excavate beyond infiltration media design elevation per detail A1/C503 and specifications. Qualified individual shall perform double ring infiltration test at native soils elevation and report this result to design engineer before proceeding with construction of the basin.
10. Finish construction of infiltration basin and outflow weir.
11. Install erosion control blanket on finished slopes. Install ScourStop mats at outlets. Install seed and landscaping per landscape plans for final stabilization.
12. Finish installation of landscape furniture and other landscape items.
13. File NPDES Notice of Termination ("NOT") with MPCA within 30 days of final stabilization.

INSPECTION AND MAINTENANCE

All inspections, maintenance, repairs, replacements, and removal are to be considered incidental to the BMP bid items.

The Contractor (Operator) is responsible for completing required inspections maintenance and observation of weather conditions and rainfall amounts to ensure compliance with the permit requirements. The Contractor (Operator) shall observe the construction site once every seven (7) days during active construction and within 24 hours after a rainfall event greater than 0.5 inches in 24 hours.

The Contractor (Operator) shall keep a summary maintenance/construction observation report to be recorded after each site visit/observation. The Contractor (Operator) shall submit a copy of the written inspections monthly to the Owner. Records shall include the following:

- 1. Date and time of inspections
2. Name of person conducting inspection
3. Findings and recommendations for corrective actions if necessary
4. Corrective actions taken
5. Date and number of rainfalls greater than 0.5 inches in 24 hours
6. Record, photograph, and describe the location of any observed discharge (i.e., color, odor, settled or suspended solids, oil sheen, and other obvious indicators of pollutants)
7. Photographs of dewatering activities and documentation of nuisance conditions resulting from dewatering activities
8. Record any amendments or changes made to the SWPPP
9. A site map indicating active construction areas and land disturbing activities.

The Contractor (Operator) must keep the SWPPP, all inspection reports and amendments onsite. The Contractor (Operator) shall designate a specific location to keep the records whenever construction activity is in progress. All erosion prevention and sedimentation control BMP's must be inspected to ensure integrity and effectiveness. All nonfunctional BMP's must be repaired, replaced, or supplemented with functional BMP's. The Contractor (Operator) must investigate and comply with the following inspection and maintenance requirements:

- 1. All sediment barriers including silt fence, bio-logs, and similar devices must be repaired replaced or supplemented when they become nonfunctional, or the sediment reaches 1/3 of the barrier height. These repairs shall be made within 24 hours of discovery.
2. Temporary and permanent sediment basins must be drained, and the sediment removed when the depth of sediment collected in the basin reaches 1/2 the storage volume. Drainage and removal must be completed within 72 hours of discovery.
3. Surface waters, including drainage ditches and conveyance systems, must be inspected for evidence of erosion and sediment deposition. The Operator shall remove all deltas and sediment deposited in surface waters, including drainage ways, catch basins, and other drainage systems. The Operator shall re-stabilize the areas where sediment removal results in exposed soil. Removal and stabilization must take place within 7 days of discovery, unless precluded by legal, regulatory or physical constraints. The Contractor (Operator) is responsible for contacting all local, regional, state and federal authorities and receiving any applicable permits, prior to conducting any work.

- 4. Construction site vehicle exit locations shall be inspected daily for evidence of off-site sediment tracking onto paved surfaces. Tracked sediment must be removed from all paved surfaces within 24 hours of discovery.
5. The Contractor (Operator) is responsible for the operation and maintenance of temporary and permanent water quality BMP's. As well as erosion and sediment control BMP's for the duration of the construction work at the site.
6. If sediment escapes the construction site, all off-site accumulations of sediment must be removed in a manner and at a frequency sufficient to minimize off-site impacts.
7. All infiltration areas must be inspected to ensure that no sediment from ongoing construction activities is reaching the infiltration areas and these areas are protected from compaction due to construction equipment driving across the infiltration area.
8. The Contractor is solely responsible for all costs associated with reconstructing the BMP when the functionality is compromised by the Contractor's actions or inaction to protect the BMP.

POLLUTION PREVENTION MANAGEMENT MEASURES

The Contractor (Operator) shall be responsible for all pollution prevention management measures. The Contractor (Operator) is responsible for informing all visitors and/or personnel on-site of the pollution prevention management measures.

All pollution prevention management measures are to be considered incidental to the overall project bid, unless otherwise noted. Pollution prevention management measures include but are not limited to the following:

- 1. The Contractor (Operator) is responsible for the proper disposal, in compliance with MPCA disposal requirements, of all solid or liquid waste and hazardous materials on-site.
2. Concrete trucks shall not be allowed to wash out or discharge surplus concrete or drum wash water on-site, unless done in an engineered leak-proof containment system. The engineered system provided by the Contractor (Operator) must include site drawings for the project file and written assurance that the system will work as designed and leave no discharge of concrete or concrete residue potential to waters of the state during a minimum of a 100-year storm event. A sign must be installed adjacent to each washout system to inform concrete equipment Operators to utilize the proper facilities. The concrete washout containment system and all related items shall be considered incidental to the project bid.
3. All nonhazardous waste materials shall be collected and stored in a securely lidded metal dumpster or other approved containment method at the end of each day. Any alternative to a metal dumpster must be submitted in writing for approval by the project engineer. The dumpster shall be emptied as necessary to function as intended for debris collection. No construction garbage or waste material shall be buried on-site.
4. A licensed sanitary waste management Contractor shall collect all sanitary waste from the portable units at a rate necessary to maintain designed function.
5. All fertilizers shall be stored in a covered shelter. Partially used bags shall be transferred to a sealable bin to reduce the chance of spillage.
6. External washing of trucks and other construction vehicles and engine degreasing are prohibited at the construction site. All vehicles on-site shall be monitored for leaks and receive regular prevention maintenance to reduce the chance of leakage. Petroleum products shall be stored in tightly sealed containers. Which are clearly labeled. Spill kits shall be included with all fueling sources and maintenance activities. Secondary containment measures shall be installed and maintained by the Operator.
7. Any asphalt substances used on-site shall be applied in accordance with manufacturer's recommendations.
8. All paint containers and curing compounds shall be tightly sealed and stored when not required for use. Excess paint and/or curing compounds shall not be discharged into the storm sewer system and shall be properly disposed of according to manufacturer's instruction.
9. Materials and equipment necessary for spill clean-up shall be kept in an enclosed trailer or shed on-site. Equipment shall include, but not limited to, brooms, mops, dust pans, rags, gloves, goggles, absorbent (kitty litter) oil absorbent booms and diapers and buckets.
10. All spills shall be contained and cleaned up immediately upon discovery. Spills large enough to reach the storm water conveyance system shall be reported to the Minnesota duty officer at 1-800-422-0798.

QUANTITIES

Table with 4 columns: PRACTICE, DETAIL/SPEC, UNIT, QUANTITY. Rows include FODS OR RUMBLE RACK CONSTRUCTION ENTRANCE, SILT FENCE, SCOURSTOP, SEDIMENT LOG AT DITCH, EROSION CONTROL BLANKET, INLET PROTECTION, and TREE PROTECTION FENCE.

*Quantities are minimums and are not intended to be used for purposes of bidding. The contractor shall provide ESC BMPs as shown on the drawings and shall repair, replace, and supplement BMPs throughout construction as required to comply with the SWPPP and the construction stormwater permit.

POST CONSTRUCTION OPERATION AND MAINTENANCE

Maintenance of the storm water management facilities will be the responsibility of an Owner and will be subject to an agreement with Minnehaha Creek Watershed District.

Owner must make the SWPPP, including all inspection reports, maintenance records, training records and other information required by this permit, available to federal, state, and local officials within three (3) days upon request for the duration of the permit and for three (3) years following the NOT.

AMENDMENTS TO THE SWPPP

The SWPPP will be amended as needed and/or as required by provisions of the permit. Amendments will be approved by both the Owner and Contractor (Operator) and will be attached to the SWPPP as an additional sheet. The SWPPP and amendments will be kept on site by the Contractor (Operator) whenever construction activity is in progress.

The SWPPP must be amended within 7 days to include additional or modified BMPs as necessary to correct problems identified or address situations whenever there is a change in design, construction, operation, maintenance, weather or seasonal conditions having a significant effect on the discharge of pollutants to surface waters or groundwater or whenever inspections or investigations by the site owner operator, USEPA or MPCA officials indicate the SWPPP is not effective in eliminating or significantly minimizing the discharge of pollutants to surface waters or groundwater or the discharges are causing water quality standard exceedances.



(CLEAR FOR CITY OF MINNEAPOLIS ELECTRONIC APPROVAL STAMP)



2117 WEST RIVER ROAD MINNEAPOLIS, MN 55411

PROJECT

MINNEHAHA PARK BIKE SKILLS PARK 3201 & 3301 47th St E, MINNEAPOLIS, MINNESOTA 55406

ISSUE

PERMIT SET 03/23/2026

REVISION

DATE



310 4TH AVE SOUTH, SUITE 1006 MINNEAPOLIS, MN 55415
p 612.260.7980
f 612.260.7990 www.elanlab.com

CERTIFICATION

I hereby certify that this plan, specification or report was prepared by me, or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of MINNESOTA.

Marcella J. Weslock DATE 03/23/2026
REGISTRATION NO. 42323

SHEET

SWPPP

C203

PROJECT NO.

MPR25011

