**UNIVERSITY OF MINNESOTA**

**PROJECT ENVIRONMENTAL CHECKLIST**

**Prepared by the Department of Environmental Health and Safety (DEHS)**

**For the items listed below, the project team must consult with the University contact provided. Do not submit applications to any external agency, unless authorized.**

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| --- | --- | --- | --- | --- |
| **Project Contains (Yes, No, Not Sure)** | **Building or Site Feature** | **Compliance Overview** | **Contact** | **Additional Information** |
|  | Site redevelopment, excavation, or other soil work. | DEHS, or a qualified environmental consultant, will complete an environmental assessment for the site. This includes a review of historical documents for past land usage and activities which are used to identify potential or existing environmental contamination. Soil and/or groundwater sampling may be required to determine reuse or disposal options. The results of the assessment are used by the design team for developing soil management, stormwater management, vapor mitigation, and/or groundwater dewatering strategies that comply with federal and state law.  Also see Grading Permit requirements under Construction Stormwater. | Environmental Compliance (DEHS)  <https://dehs.umn.edu/our-team-environmental-compliance> | [What's in My Neighborhood](https://www.pca.state.mn.us/data/whats-my-neighborhood)  (Not an exhaustive list of contaminated sites) |
|  | Environmental Assessment Worksheet (EAW) | An EAW is required for any project listed in the mandatory EAW categories in Minnesota Rules part 4410.4300. The University rarely has projects that trigger the mandatory EAW process, e.g., construction of the Main Energy Plant. | Environmental Compliance (DEHS)  <https://dehs.umn.edu/our-team-environmental-compliance> | [4410.4300 - MN Rules Part](https://www.revisor.mn.gov/rules/4410.4300/)  [Environmental Assessment Worksheet (EAW) Process | Minnesota Environmental Quality Board](https://www.eqb.state.mn.us/content/eaw-process) |
|  | Construction or modification of large combustion sources using fossil fuel such as boilers, furnaces, kilns, emergency generators | The University maintains federal and state air permits for various campus locations. Projects that involve modification or installation of large combustion or emission sources must be reviewed by DEHS. Larger emission sources may require MPCA approval prior to construction. | Environmental Compliance (DEHS)  <https://dehs.umn.edu/our-team-environmental-compliance> | [DEHS - Air Quality](https://dehs.umn.edu/air-quality) |
|  | Other emission sources: Grain handling facilities, paint booths |
|  | Installation, modification, or removal of Underground or Aboveground Storage Tanks (UST/AST) for petroleum or hazardous material storage. | USTs and ASTs have fire code and environmental compliance requirements. USTs that are 110 gallons or more and ASTs with a capacity of 500 gallons or more must be registered with the MPCA. | Fire Official (BCD)  <https://bcd.umn.edu/about-us/our-team> | [Application Requirements for Fire Permits | Building Codes](https://bcd.umn.edu/permit-applicationplan-review/application-requirements-fire-permits)  [MPCA - Storage tanks](https://www.pca.state.mn.us/waste/storage-tanks) |
|  | Oil containers ≥ 55 gallons | The University maintains EPA SPCC Plans for the UMTC, UMD, UMC, UMM, and Landscape Arboretum Facilities. SPCC regulations require an accurate inventory, secondary containment, and inspection program for oil containers ≥ 55 gallons. | Environmental Compliance (DEHS)  <https://dehs.umn.edu/our-team-environmental-compliance> | [UMN SPCC](https://dehs.umn.edu/spill-prevention-control-and-countermeasures) |
|  | Groundwater dewatering (operational or construction related) | Many areas around the UMTC campus have pollutants in groundwater that exceed MPCA surface discharge standards. If groundwater dewatering is anticipated for your project, DEHS shall review site information and make recommendations regarding proper disposal (storm or sanitary system). If discharges exceed 1 MG/year or 10,000 gpd, an appropriation Permit through the DNR must also be obtained. | Environmental Compliance (DEHS)  <https://dehs.umn.edu/our-team-environmental-compliance> | [Water Appropriations Permit Program | Minnesota DNR](https://www.dnr.state.mn.us/waters/watermgmt_section/appropriations/index.html) |
|  | Construction Stormwater | Certain land disturbing activities require a NPDES Construction Stormwater Permit and/or University of Minnesota Grading Permit. | Plan Reviewer (BCD)  <https://bcd.umn.edu/about-us/our-team>  Civil Engineer  (Energy Management)  <https://facilities.umn.edu/fm-teams/energy-management> | [Application Requirements for Grading Permits | Building Codes Department](https://bcd.umn.edu/permit-applicationplan-review/application-requirements-grading-permits) |
|  | Sewer Availability Charge (SAC)/Industrial Wastewater | New or expanded facilities must be reviewed for an MCES SAC determination. If the facility has processes that generate industrial wastewater per MCES Rules, the facility may also require an Industrial Wastewater Permit (operational). | Plan Reviewer (BCD)  <https://bcd.umn.edu/about-us/our-team> | [Sewer Availability Charge (SAC) Fees | Building Codes](https://bcd.umn.edu/regulatory-and-pre-permitting-services/sewer-availability-charge-sac-fees)  [What Is SAC ?](https://metrocouncil.org/Wastewater-Water/Funding-Finance/Rates-Charges/Sewer-Availability-Charge/SAC-Pubs/What-is-SAC-(1).aspx) |
|  | Temporary Discharges to Sanitary | Temporary discharges to the sanitary sewer require approval from MCES, and potentially adjacent municipalities depending on the discharge location. DEHS will review the waste composition and support permitting. | Environmental Compliance (DEHS)  <https://dehs.umn.edu/our-team-environmental-compliance> | [One-Time Industrial Discharge Approval Request Form](https://metrocouncil.org/Wastewater-Water/Services/Industrial-Waste/Standard-Industrial-Discharge-Permits/Industrial-Waste-Forms/Apply-Permit-6/Request-1xIWDApproval-(1).aspx) |
|  | Septic Systems | Septic systems must comply with the University Septic Design Standards. The BCD department regulates permitting and inspection activities. | Plan Reviewer (BCD)  <https://bcd.umn.edu/about-us/our-team> | [Application Requirements for Septic Permits | Building Codes](https://bcd.umn.edu/permit-applicationplan-review/application-requirements-septic-permits) |
|  | Wetlands | All natural and man-made University owned wetlands are potentially regulated by state and/or federal regulatory programs. All activities potentially impacting wetlands must be reviewed for regulatory applicability. | Civil Engineer  (Energy Management)  <https://facilities.umn.edu/fm-teams/energy-management> | [BWSR - Wetlands Regulations in Minnesota](http://bwsr.state.mn.us/wetlands-regulation-minnesota) |
|  | Working in Public Waters | Development activities that occur below the [ordinary high water level (OHWL)](https://www.dnr.state.mn.us/waters/surfacewater_section/hydrographics/ohw.html) in [public waters and public waters wetlands](https://www.dnr.state.mn.us/waters/watermgmt_section/pwpermits/pw_definition.html) require permitting through the DNR. | Civil Engineer  (Energy Management)  <https://facilities.umn.edu/fm-teams/energy-management> | [Requirements for Projects Involving Public Waters Work Permits](https://www.dnr.state.mn.us/waters/watermgmt_section/pwpermits/requirements.html) |
|  | Well Construction/Sealing | Construction or sealing of potable, irrigation, dewatering, or environmental wells require permitting and compliance with the Minnesota Department of Health and potentially the DNR if pump rates exceed 1 MG/year or 10,000 gpd. | Environmental Hygiene Officer/Environmental Health Specialist  (BCD)  <https://bcd.umn.edu/about-us/our-team> | [Construction of Wells and Borings](https://www.health.state.mn.us/communities/environment/water/wells/construction/index.html)  [Water Appropriations Permit Program](https://www.dnr.state.mn.us/waters/watermgmt_section/appropriations/index.html) |