

Stormwater MS4 Permit ILR400523

Illicit Detection & Elimination Prioritization Plan

Standard Operating Procedure/Building Review Process

BMP Subcategory: Detection/Elimination Prioritization Plan

BMP Description: Investigate priority areas likely to have illicit discharges

BMP Goal: Investigate campus building priority area drains for illicit discharges by following SOP/Building Review Process and correct illicit connections

When the University of Illinois Facilities & Services (F&S) first initiated the Storm Water Management Program, they split the building review into four phases to target and prioritize buildings based on the likeliness that a cross connection may exist. The F&S Division of Building Maintenance & Grounds reviews building drawings in these phases to confirm connections, and if connections cannot be determined, they refer these areas to the F&S Plumbers. The Plumbers will further investigate the connections with drain dye testing and manhole tracing during warm months of the year (typically June – August). If illicit connections are found, the team will remove the source of the discharge within 7 days. This may include using temporary or permanent drain plugs, signs, reroutes, etc.

- Phase 1 & 2 – This phase included prioritized buildings based on their close geographic proximity to the Boneyard Creek, era of construction codes and scopes of recent remodels that increased the potential for cross connected sanitary and storm water lines since they predated regulatory standards.
- Phase 3 – This phase included buildings that had significant renovations where sanitary lines could have potentially had cross connections with storm water lines. These buildings were in the next ring of campus buildings away from the Boneyard Creek.
- Phase 4 – In 2025, F&S was working on this phase which targets the remaining buildings on campus in the MS4 zone from north University Ave. to south Windsor and west Neil to east Lincoln Ave.
- Future phases – Once phase 4 is complete, F&S Building Maintenance & Grounds will review the list of buildings to determine if any need reevaluated since construction projects may have had significant renovations/demos.