



MSD SUBDIVISION REVIEW CHECKLIST

Project Name _____

Date _____

MSD WM/Sub No. _____

The purpose of this checklist is to facilitate the review process. This checklist gives the minimum requirements needed for MSD’s review. All items shall be checked as included or marked N/A. The omission of required items may be cause for rejection of the submittal without review.

Cover Sheet

- | | |
|---|--|
| _____ Location Map | _____ Plan & Revision Date |
| _____ Sheet Index | _____ Standard EPSC Notes |
| _____ Registered Professional Stamp & Signature | _____ Standard Underground Utility Notes |
| _____ Registered Professional Name & Address | _____ MSD Water Management/Subdivision No. |
| _____ Owner Name & Address | _____ Standard Floodplain Note |
| _____ Include note: All Storm Drainage Shall Conform to MSD Standard Specifications | |

Site Plan

- | | |
|-------------------------------------|---|
| _____ Property Boundary | _____ Headwall Type |
| _____ Lot Lines & Numbers | _____ Headwall Invert |
| _____ Inlets w/Line & Station | _____ Inlet Grate & Invert Elevation |
| _____ Existing & Proposed Easements | _____ Pipe, Length, Size, Slope, Type, & Number |
| _____ Existing & Proposed Utilities | _____ Channel Designation & Stationing |

Composite Drainage Plan

- | | |
|---|--|
| _____ Property Boundaries | _____ Channel Designation |
| _____ Lot Lines | _____ Existing & Proposed Drainage Structures |
| _____ Inlet Drainage Areas | _____ Offsite Drainage Areas & Flow |
| _____ Existing & Proposed Easements | _____ 100-yr Flood Elevations on Lots |
| _____ Offsite Drainage Impact Locations | _____ CL Stationing |
| _____ Existing & Proposed Contours | _____ Pipe Numbers |
| _____ Street Names & R/W | _____ Pipe Chart |
| _____ 100-yr FEMA & Local Regulatory Floodplain | _____ Minimum Floor or Opening Elevations for Lots |

Grading, Erosion Prevention & Sediment Control Plan

- | | |
|---|--|
| _____ Property Boundary | _____ Detailed EPSC Plan Checklist Items |
| _____ Lot Lines | _____ Area of Disturbance Delineated |
| _____ Existing & Proposed Contours | _____ Total Acres Disturbed |
| _____ Existing & Proposed Easements | _____ CL Stationing |
| _____ Street Names & R/W | _____ Legend |
| _____ 100-yr FEMA & Local Regulatory Floodplain | |



MSD SUBDIVISION REVIEW CHECKLIST

Green Best Management Practices (GMP) Plan

- | | |
|--|--|
| <input type="checkbox"/> Property Boundary | <input type="checkbox"/> Green Infrastructure Plan Checklist Items |
| <input type="checkbox"/> Lot Lines | <input type="checkbox"/> Street Names & R/W |
| <input type="checkbox"/> Existing & Proposed Contours | <input type="checkbox"/> CL Stationing |
| <input type="checkbox"/> 100-yr FEMA & Local Regulatory Floodplain | <input type="checkbox"/> Legend |

Storm Drainage Profiles

- Inlet Type, Grate & Invert Elevation, Stationing
- Pipe Length, Size, Slope, Type, & Number
- Channel Calculations (Flow, Roughness, Velocity, 10- and 100-yr Flow Depths, Design Depth)
- Channel PVI Elevations
- Channel Designation & Stationing
- Channel elevations @ even 50' Stations and other critical locations
- Headwater on pipe culverts (10- and 100-yr)
- Hydraulic Grade Line for Through Drainage Systems
- Utility & Sanitary Crossings (Location & Elevation)

Road Profiles

- | | |
|---|--|
| <input type="checkbox"/> Storm Sewer Profiles | <input type="checkbox"/> Utility Crossings (Location & Elevation) |
| <input type="checkbox"/> Drainage Structures | <input type="checkbox"/> Sanitary Crossings (Location & Elevation) |

Additional Information (If Applicable)

- | | |
|--|---|
| <input type="checkbox"/> MSD Plan Submittal Application (signed) | <input type="checkbox"/> Detention Analysis (Include Checklist) |
| <input type="checkbox"/> Notice of Construction | <input type="checkbox"/> Floodplain Analysis |
| <input type="checkbox"/> Corporate Resolution | <input type="checkbox"/> Downstream Capacity Analysis |
| <input type="checkbox"/> Notice of Intent to Ky DOW (copy MSD) | <input type="checkbox"/> ACOE Approval (Wetlands/Waters of the U.S.) |
| <input type="checkbox"/> Plan Review Fee* | <input type="checkbox"/> ACOE Approval for Work Near Floodwall |
| <input type="checkbox"/> Regional Facilities Fee** | <input type="checkbox"/> Sinkhole Geotechnical Analysis |
| <input type="checkbox"/> Letter of Permission for Offsite Work | <input type="checkbox"/> Stormwater Construction Site Inspection Form |
| <input type="checkbox"/> KTC Approval | <input type="checkbox"/> Stormwater Pollution Prevention Plan (SWPPP) |
| <input type="checkbox"/> KDOW approval (Floodplain /Stream Crossing) | |

* MSD's Plan Review Fee is charged for projects that are not in the MSD service area (Anchorage, Jeffersontown, Shively, and St. Matthews). Payment is due prior to construction plan approval.

** MSD's Regional Facilities Fee is a fee which may be paid in-lieu of constructing on-site detention, subject to MSD approval, to implement watershed master plans by construction of regional facilities. This option is only available when additional runoff does not create or worsen present drainage problems as determined by MSD. Payment is due prior to construction plan approval.

The undersigned acknowledges by signature that these documents meet or exceed the design standards of the Louisville and Jefferson County Metropolitan Sewer District and that they were prepared under my supervision. I, the undersigned, further acknowledge that to the best of my knowledge and belief, the products resulting from these documents will function as intended.

Signature

Date