

THURSTON COUNTY 2022 DDECM PROJECT INFO & ELEMENTS CHECKLIST

This checklist can be used to identify those elements of any submitted project that may require review as part of the project review process for private and public new development and redevelopment. This checklist reflects most, but not necessarily all of the items that will be reviewed by Development Review. It is intended to be used as an aid by us to provide a consistent review of development work in Thurston County. All items may not be applicable in the review of each project and all items of concern to this office may not be covered on this checklist. Additional review checklists may correspond to individual items listed on this checklist.

Project Name: Sienna I Plat

Project Number: 2022103527

Date of Submittal: 06/30/2022 Applicable DDECM: 2009 2016 2022

Type of Submittal: Scoping New Application Re-submittal

Submittal (circle one): Exempt Scoping Abbreviated Engineered Abbreviated Full

Project Type (circle one): Commercial Subdivision Large Lot/Short Plat Residential
New Development Re-Development (>35% existing impervious)

Subdivision # of Lots: 78

Project work in previous 5 years? (Describe): _____

Project Category: Exempt Exempt (Submittal) CR #2 Only CR #1-5 CR #1-11

Location: NPDES UGA Rural THURSTON COUNTY RECEIVED

Project Area: 16.18 Acres MAY 24 2023

Zoning: SFM: Single-Family Medium Density Residential BUILDING DEVELOPMENT CENTER

Site topography: Flat (0-5%) Moderate Slopes (5-15%) Steep Slopes (>15%) LS Hazard (>40%)

NRCS Soils: Nisqually loamy fine sand

NRCS Soils Hydrologic Soils Group: A B C D

Included with this submittal: Letter Application Form Scoping Report Geotechnical Report

Construction SWPPP Drainage Report Construction Plans Abbreviated Plan

Engineered Abbreviated Plan O&M Plan Source Control Plan Hydrologic Modeling

Request for Administrator Authorization Variance Request

Other: _____

Any Critical Areas or Flood Hazard Areas near project?

Yes

No

Don't know

PROJECT ELEMENTS

| Yes | No | Project Element |
|-----|----|---|
| | | CORE REQUIREMENTS & PROJECT INFO (VOL I) |
| ✓ | | Frontage Improvements? |
| | ✓ | Subject to Adopted Basin Plan or TMDL? |
| | ✓ | More than one Threshold Discharge Area? |
| ✓ | | Easements? |
| ✓ | | Pre-Submittal Meeting Held? If yes, review records. |
| ✓ | | Scoping Review Required? |
| ✓ | | Scoping Review Completed? If yes, review Scoping Report Response. |
| | ✓ | Exceptions or Variances Requested/Needed? |
| ✓ | | Stormwater Pollution Prevention Site Plan Checklist Eligible? |
| ✓ | | Does project meet requirements for submittal type (e.g. Abbreviated Plan, Exempt from submittal requirements, etc.). Notes: |
| ✓ | | Is Core Requirements Flow Chart followed? |
| ✓ | | Is the BMP selection process followed? |
| | ✓ | Is Oil Control Treatment Required? |
| | ✓ | Is Phosphorous Treatment Required? (Discharge to: Clear Lake, Black Lake, Long Lake, Lawrence Lake, Pattison Lake, or Woodard Creek Basin). |
| | ✓ | Is Enhanced Treatment Required? |
| ✓ | | Is Flow Control Required? |
| | ✓ | Discharge to a Wetland? |
| | | |
| | | CONSTRUCTION SWPPP (VOL II) |
| ✓ | | Is project subject to NPDES Construction Permit? |
| ✓ | | Construction SWPPP Submitted? |
| ✓ | | Construction SWPPP TESC submitted and meets DDECM standards |
| ✓ | | Construction SWPPP Narrative submitted and meets DDECM Standards |
| ✓ | | Source Control BMPs Provided – BMP C101 to C154 |
| ✓ | | Construction Runoff Conveyance & Treatment BMPs – BMP C200 to C252 |

| Yes | No | Project Element |
|-----|----|---|
| | | |
| | | 13 Elements of Construction SWPPP Addressed |
| ✓ | | Preserve Vegetation/Mark Clearing Limits |
| ✓ | | Establish Construction Access |
| ✓ | | Control Flow Rates |
| ✓ | | Install Sediment Controls |
| ✓ | | Stabilize Soils |
| ✓ | | Protect Slopes |
| ✓ | | Protect Drain Inlets |
| ✓ | | Stabilize Channels and Outlets |
| ✓ | | Control Pollutants |
| ✓ | | Control Dewatering |
| ✓ | | Maintain BMPs |
| ✓ | | Manage the Project |
| ✓ | | Protect Low Impact Development BMPs |
| | | |
| | | HYDROLOGIC ANALYSIS & FLOW CONTROL (VOL III) |
| ✓ | | Hydrologic Analysis of Flow Control Provided |
| ✓ | | Hydrologic Analysis of Treatment Devices Provided |
| ✓ | | Hydrologic Analysis of Conveyance Systems Provided |
| | ✓ | Closed Depressions Analysis Provided (if applicable) |
| | | |
| | | Infiltration |
| ✓ | | Depth to Groundwater Provided |
| ✓ | | Site Suitability Analysis |
| ✓ | | Receptor Characterization |
| ✓ | | Mounding Analysis |
| ✓ | | Design Infiltration Rate Calculations |
| ✓ | | Sizing of Infiltration Facilities |
| | | |
| | | Conveyance |
| | ✓ | Backwater Analysis required? |
| | | Off-Site Drainage Routing |
| ✓ | | Easements & Dedicated Tracts? |
| ✓ | | Maintenance Access Provided to All Facilities |
| ✓ | | Discharge to Private Property Meets Criteria |
| ✓ | | Piping System? |
| ✓ | | Catch Basins |
| ✓ | | Outfalls |
| ✓ | | Gutters and Channels |
| | ✓ | Pipes on Steep Slopes |
| ✓ | | Pipe Layout Criteria Met |

| Yes | No | Project Element |
|-----|----|---|
| | ✓ | Culverts |
| ✓ | | Flow Spreaders |
| | ✓ | Open Conveyances |
| | ✓ | Discharge to Private Property |
| | | |
| | | SOURCE CONTROL OF POLLUTANTS (VOL IV) |
| | ✓ | Source Control Checklist (not required for residential) |
| ✓ | | Required and Suggested BMPs addressed? |
| | | |
| | | STORMWATER BMPs (DDECM, VOLUME V) |
| | | LID Site Design BMPs (Vol V, Ch 1) |
| ✓ | | LID.01 Native Vegetation Protection, Reforestation, Maintenance |
| ✓ | | LID.02 Post-Construction Soil Quality & Depth |
| ✓ | | LID.03 Minimize Impervious Areas |
| | | |
| | | LID Stormwater Management BMPs (Vol V, Ch 2) |
| ✓ | | LID.04 Downspout Infiltration Systems |
| | ✓ | Prescriptive Trench |
| | ✓ | Prescriptive Drywell (Rural only) |
| ✓ | | Prescriptive Drywell |
| | ✓ | Designed Infiltration (modeled) |
| | ✓ | LID.04A Perforated Stub-out Connections |
| | ✓ | LID.05 Downspout Dispersion Systems |
| | | Splash blocks |
| | | Dispersion trench (prescriptive) |
| | | Dispersion trench (modeled) |
| | ✓ | LID.06 Sheet Flow Dispersion |
| | ✓ | LID.07 Concentrated Flow Dispersion |
| | ✓ | LID.08 Bioretention |
| | | Bioretention Cells (prescriptive) |
| | | Bioretention Cells (modeled) |
| | | Bioretention Swales (prescriptive) |
| | | Bioretention Swales (modeled) |
| | | Bioretention Planters and Planter Boxes (prescriptive) |
| | | Bioretention Planters and Planter Boxes (modeled) |
| | ✓ | LID.08A Rain Gardens |
| | ✓ | LID.09 Permeable Paving |
| | | Porous Asphalt |
| | | Pervious Concrete |
| | | Permeable Interlocking Concrete Pavements |
| | | Aggregate Pavers |
| | | Grid Systems |
| | | Other permeable paving – Describe: |

| Yes | No | Project Element |
|-----|----|---|
| | ✓ | LID.10 Vegetated Roof |
| | ✓ | LID.11 Full Dispersion (Rural only) |
| | ✓ | LID.12 Rural Road Natural Dispersion (Rural only) |
| | ✓ | LID.13 Rural Road Engineered Dispersion (Rural only) |
| | ✓ | LID.14 Tree Planting & Tree Retention (for Flow Control Credit) |
| | ✓ | LID.15 Minimal Excavation Foundation Systems |
| | ✓ | LID.16 Rainwater Harvesting |
| | | |
| | | Infiltration BMPs (Vol V, Ch 3) |
| ✓ | | Infiltration Treatment proposed? |
| ✓ | | Site Suitability Criteria addressed? |
| ✓ | | UIC? |
| ✓ | | Groundwater Protection Area? |
| ✓ | | Verification of Performance provided |
| ✓ | | Contingency Planning provided |
| ✓ | | IN.01 Infiltration Basin |
| | ✓ | IN.02 Infiltration Trench |
| ✓ | | IN.03 Infiltration Vaults and Drywells |
| | | |
| | | Detention BMPs (Vol V, Ch 4) |
| | ✓ | D.01 Detention Pond |
| | ✓ | D.02 Detention Tanks |
| | ✓ | D.03 Detention Vaults |
| | ✓ | D.04 Parking Lot used for Detention |
| | | |
| | | Biofiltration BMPs (Vol V, Ch 5) |
| | ✓ | BF.01 Basic Biofiltration Swale |
| | ✓ | BF.02 Wet Biofiltration Swale |
| | ✓ | BF.03 Continuous Inflow Biofiltration Swale |
| ✓ | | BF.04 Basic Filter Strip |
| | ✓ | BF.05 Compost-Amended Vegetated Filter Strip |
| | | |
| | | Wet Pool BMPs (Vol V, Ch 6) |
| | ✓ | WP.01 Stormwater Treatment Wetlands |
| | ✓ | WP.02 Wet Ponds |
| | ✓ | WP.03 Wet Vaults |
| | ✓ | WP.04 Combined Detention & Wet Pool Facilities |
| | ✓ | WP.05 Presettling Basins & Pretreatment |
| | | |
| | | Media Filtration BMPs (Vol V, Ch 7) |
| | ✓ | MF.01 Sand Filter Basin |
| | ✓ | MF.02 Sand Filter Vault |
| | ✓ | MF.03 Linear Sand Filter |
| | ✓ | MF.04 Media Filter Drain |

[illegible]