



PERMIT STATUS: APPROVED NOT APPROVED

DATE: [TODAY]

PERMIT #: [PERMIT NUMBER]

RE: [SITE ADDRESS]

ROUND OF REVIEW: 1ST 2ND 3RD 4TH

THE FOLLOWING LIST INCLUDES REVIEW COMMENTS AND REQUIRED CORRECTIONS FOR THIS PROJECT. ALL ITEMS LISTED, REQUIRE CORRECTION AND RESUBMITTAL TO CITY HALL, 201 S. CORTEZ STREET.

WASTEWATER

GENERAL SUBMITTAL CHECKLIST

Not
App App N/A

- Civil Plan sheets shall be submitted in accordance with the General Submittal Checklist, unless otherwise noted
- Development Agreement
- ADEQ Forms
- Easements
- Mains Installed Along Entire Property Frontage
- Private Low Pressure Sewer (LPS) Systems
 - Limited Liability Company
 - HOA
 - Bluestake

WASTEWATER SYSTEM REPORTS (GENERAL) CHECKLIST

Not
App App N/A

Engineer's Seal

Existing Conditions

- Site Description, Size, Addresses, Major Street, Township, Section Range
- Existing Topography and Landform Features
- Existing and Proposed Zoning and Land Uses
- Describe Existing Collection System Infrastructure
 - Lift Stations and Downstream Trunk Mains, if applicable

Existing Master Plans or Design Reports Applicable to Adjacent Development

Proposed Conditions

- Summarize Proposed Development
- Describe Proposed Infrastructure Required to take Wastewater from the Development to the Treatment Plant (Include any Off-site System Upgrades)
- Summarize the ADEQ and/or COP Design Standards Applied to the Project
- Identify Ownership, Operation and Maintenance Responsibilities of the Wastewater System
- Modeling
 - Flows, Land Use, Population, Density, Loads and Peaking Factors
 - Collection System Network
 - Lift Stations (temporary and permanent)
 - Proposed Outfalls to Collection System

WASTEWATER MASTER PLAN REPORT CONTENT CHECKLIST

Not
App App N/A

Phasing

- On-Site Improvements
- Off-Site Improvements
- Projections for Future Surrounding Developments and related Improvements
 - Buildout Flows from Upstream Developments
 - COP Masterplan Density
 - Increase or Decrease in Density

- Sewer Modeling (Include all Phases)
- Off-Site Analysis due to Density or Demand Changes to COP Wastewater Master Plan
- Master Plan Mapping
 - Synopsis of Phasing with Modeling Results
 - Each Phase Stands Alone

WASTEWATER DESIGN REPORT CONTENT CHECKLIST

Not
App App N/A

- Analysis of Project Impact on COP Wastewater System
 - Hydraulic Load and Hydraulics of the Proposed System
 - Design Documentation and Analysis
 - Base Wastewater Flows
 - Variance from the Stated Design Flows
 - Identify Wastewater Peaking Factors and how they were Developed
 - Scour Analysis at all Pipes & Manholes at Drainage Crossings
 - Gravity Main
 - Force Main
 - Lift Station
 - Appurtenances
 - Summary Tables, for all Flows (Average, Peak Day, and Peak Wet)
 - Attributes (Slope, % Full, d/D, Velocity, Pipe Material), for all Flows, including I&I
 - Sewer Modeling
 - Off-Site Analysis due to Density or Demand Changes to COP Wastewater Master Plan
 - Hydraulic Model Data
- Design Flows
 - Peaking Factor
 - Inflow and Infiltration (I&I)
 - Slopes
- Executive Summary

City Facilities located on Tract or Lot Dedicated to COP

WASTEWATER PLAN CHECKLIST

Not
App App N/A

- Consistent with City of Prescott CADD Standards
- Legend
- Street Names and Widths
- Stationing (wastewater pipes)
- COP Standard Construction Notes
 - Quantities
- COP General Notes
- COP Standard Details
- Special Details and Notes
- Show Topography
- Show Both Plan and Profile
- Show Existing & Proposed Utilities
- Separations
 - Show all Possible Conflicts with Existing and Proposed (Utilities, Structures, Trees, Wells, Etc)
 - Potholing Location in Plan View & Elevations on Profile for Existing Utilities
 - Pothole Table
 - Separation from Water per COP Standard Detail 3-20P
 - Utility Main Crossings Required on Profile with Elevation Shown
- Lift Stations (Wet Wells, Pumps, Coatings, Power, Telemetry/Power (SCADA), Aeration)
- Force Mains
 - Air/Vacuum Valves
 - Cleanouts
 - Main Separations
 - Odor Control
 - Lining
 - Trace Wire

Material

Manholes and Vaults

Manhole Spacing

Straight Alignment between Manholes/Cleanout

Manhole Frame, Cover and Rim Elevation

Manhole Coating

Cleanouts & Backwater Valve

Minimum Finish Floor Elevation (FFE) (if laterals <5' deep) (Commercial)

Show Existing Downstream MH (Distance to New Connection, IE & Slope)

Invert In/Out and Rim Elevation (Shown in Profile)

Flow Metering Structure (Commercial and Industrial Users)

Pipes

Pipe Sizes, Lengths, Slopes and Materials – Plan and Profile Stationing Match

Pipe Cover

Cathodic Protection

Sewer Service Connections (Shown in Plan and Profile with Stationing)

Cleanout and Backwater

Trace Wire to Right-of-Way

Separate Lateral for Each Lot/Building

Pretreatment

Grease, Oil and Sand Interceptors

Backwater Devices