## MMD FINAL UTILITY REPORT (MINIMUM CONTENT CHECKLIST)

Project:\_\_\_\_\_ Date:\_\_\_\_ Review By:\_\_\_\_\_

| Review #: 1st 2nd 3rd 4th 5th Other  |  |    |     |  |    |                   |  |  |  |  |
|--|--|----|-----|--|----|-------------------|--|--|--|--|
| Description/Discussion<br>to be Included   | Meets District Standards (Completed by Engineer) |    |     | Complies<br>(Completed by<br>District) |    | District Comments |  |  |  |  |
| NOTE: MMD, at its sole discretion & without prior notice, may add and/or remove items/requirements to following minimum content checklist for Utility Reports. |  |    |     |  |    |                   |  |  |  |  |
| TITLE SHEET  |  |    |     |  |    |                   |  |  |  |  |
| Name of Project  | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| Address  | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| Owner  | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| Developer  | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| Engineer   | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| Submittal Date & Revisions   | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| ENGINEERS STATEMENT  |  |    |     |  |    |                   |  |  |  |  |
| Statement of Compliance  | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| PE Stamp & Signature   | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| TABLE OF CONTENTS  |  |    |     |  |    |                   |  |  |  |  |
| LOCATION & DESCRIPTION   |  |    |     |  |    |                   |  |  |  |  |
| Site Location/Vicinity Map   | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| Description of Property  | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| Existing Utility Conditions  | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| Existing Utility Reports for Site  | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |
| Design Criteria Referenced   | Yes  | No | N/A | Yes                                    | No |                   |  |  |  |  |

## MMD FINAL UTILITY REPORT (MINIMUM CONTENT CHECKLIST)

|  |          | WA    | TER S  | /STEM    |          |    |
|--|----------|-------|--------|----------|----------|----|
| Ex. Water Distribution System  | Yes      | No    | N/A    | Yes      | No       |    |
| Proposed Water System  | Yes      | No    | N/A    | Yes      | No       |    |
| Average Day Demand (Avg.<br>Day)   | Yes      | No    | N/A    | Yes      | No       |    |
| Max Day Demand (Max Day – 2.1)   | Yes      | No    | N/A    | Yes      | No       |    |
| Peak Hour Demand (Peak Hr – 5.0)   | Yes      | No    | N/A    | Yes      | No       |    |
| Required Fire Flow Provide by<br>South Metro Fire Rescue<br>(Include Sprinkler Demand) | Yes      | No    | N/A    | Yes      | No       |    |
| Easement Dedication Requirements   | Yes      | No    | N/A    | Yes      | No       |    |
| <u>w</u> .   | ATER S   | YSTE  | M ANAL | YSIS & I | MODELI   | NG |
| Hydraulic Models/Pipe<br>Capacity/Velocity   | Yes      | No    | N/A    | Yes      | No       |    |
| Hydraulic Modeling Scenarios   | Yes      | No    | N/A    | Yes      | No       |    |
| Hydraulic Modeling Output & Schematics   | Yes      | No    | N/A    | Yes      | No       |    |
| Fire Flow Test Results   | Yes      | No    | N/A    | Yes      | No       |    |
|  | <u>v</u> | VASTE | WATE   | R SYSTE  | <u>M</u> |    |
| Ex. Wastewater Collection<br>System  | Yes      | No    | N/A    | Yes      | No       |    |
| Proposed Wastewater System   | Yes      | No    | N/A    | Yes      | No       |    |
| Average Day Flow (Avg. Day)  | Yes      | No    | N/A    | Yes      | No       |    |
| Peak Flow & Peaking Factor (5.0 or DRCOG Peak Factor)                                  | Yes      | No    | N/A    | Yes      | No       |    |
| Easement Dedication<br>Requirement   | Yes      | No    | N/A    | Yes      | No       |    |



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| WASTEWATER SYSTEM ANALYSIS & MO                 |     |    |     |     |    |  |
|---|-----|----|-----|-----|----|--|
| Hydraulic Models/Pipe<br>Capacity/Velocity      | Yes | No | N/A | Yes | No |  |
| Hydraulic Modeling Scenarios                    | Yes | No | N/A | Yes | No |  |
| Hydraulic Modeling Output & Schematics          | Yes | No | N/A | Yes | No |  |
| IRRIGATION SYSTEM                               |     |    |     |     |    |  |
| Ex. Irrigation Distribution<br>System           | Yes | No | N/A | Yes | No |  |
| Proposed Irrigation System                      | Yes | No | N/A | Yes | No |  |
| Average Day Demand (Avg.<br>Day)                | Yes | No | N/A | Yes | No |  |
| Peak Hour Demand (Peak Hr)                      | Yes | No | N/A | Yes | No |  |
| Easement Dedication<br>Requirements             | Yes | No | N/A | Yes | No |  |
| REFERENCES                                      | Yes | No | N/A | Yes | No |  |
| <u>APPENDIX</u>                                 | Yes | No | N/A | Yes | No |  |
| UTILITY PLAN/EXHIBIT                            |     |    |     |     |    |  |
| Vicinity Map                                    | Yes | No | N/A | Yes | No |  |
| North Arrow & Scale                             | Yes | No | N/A | Yes | No |  |
| Existing Utilities, Easements & Site Conditions | Yes | No | N/A | Yes | No |  |
| Proposed Utilities                              | Yes | No | N/A | Yes | No |  |
| Proposed Site Improvements                      | Yes | No | N/A | Yes | No |  |
| Proposed Easements                              | Yes | No | N/A | Yes | No |  |
| Benchmark                                       | Yes | No | N/A | Yes | No |  |
| Legend & Notes                                  | Yes | No | N/A | Yes | No |  |

