

## EXHIBIT VIII-B

### WATER WORKS PLANS AND SPECIFICATIONS REVIEW PROCESS

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The Water Quality Control Division is required by the Colorado Revised Statutes (25-1-107, 1973, as amended) to review and approve all plans and specifications for new water works or for improvements or modifications to existing water works prior to construction.

In an effort to provide an efficient review of plans and specifications for water treatment works, the Water Quality Control Division requests the following items be submitted at ONE time:

- A completed Department of Health "Request for Review" form as applicable.
- A completed "100-year Flood Plain Certification", verified by a Professional Engineer.
- Design calculations for the project, including and not limited to maximum and minimum pipeline pressures, unit process sizing, chemical feed rates as applicable, and pump capacities with pump curves.
- Two complete and final sets of drawings. In the case of water treatment facilities, these drawings must be included:
  - a) Topographic map illustrating the 100-year flood plain in relation to the facility;
  - b) A hydraulic profile;
  - c) Process schematic;
  - d) Piping diagrams including in-plant potable water and sanitary sewer lines.
- Two complete and final sets of specifications.

These items must be submitted a minimum of 45 days prior to letting bids for construction.

In addition, the Water Quality Control Division requires that addenda and change orders for wells, pump stations and treatment facilities be submitted in duplicate to the Drinking Water Section.

The Department of Health must certify all water treatment facilities and wells for compliance with the approved plans, specifications, addenda, and change orders. A final certification inspection of a water treatment facility will be conducted only upon receiving an as-built set of drawings and a formal inspection request (in writing) from the facility owner.

#### CONTACT:

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