**Section 664.510 Loan Applicant's Responsibilities During Project Planning**

a) The loan applicant shall provide project planning, which shall consist of plans and studies that are directly related to the construction of public water supply facilities, to maintain compliance with applicable State and federal requirements as specified in 35 Ill. Adm. Code, Subtitle F and the federal Safe Drinking Water Act while recognizing environmental and social conditions. The planning shall provide documentation on the existing need for the facilities for which loan assistance is being requested.

b) If any information required to be furnished as part of a project plan has been developed separately, it shall be furnished and incorporated by reference in the project plan. Planning previously or collaterally accomplished under local, State or federal programs may be utilized to the extent applicable.

c) The project plan shall be submitted to the Agency for approval. Where applicable, the applicant shall also submit drafts of any legally enforceable agreements or demonstrations of legal authority necessary to plan implementation.

d) The project plan may include more than one construction project and may provide the basis for several subsequent projects. The Agency shall review any project plan that has previously served as the basis for a loan to determine if changes have occurred that require amendment of the plan for the subsequent project. If substantial changes have occurred that warrant revision or amendment of the plan as specified in Section 664.520 (State Environmental Review) of this Subpart, the loan applicant shall revise or amend and resubmit the plan for Agency approval in accordance with Section 664.520 (State Environmental Review) of this Subpart.

e) A project plan shall include the following elements in sufficient detail to, at a minimum, comply with all applicable construction permit supporting data requirements of 35 Ill. Adm. Code 652.104:

1) A complete description of the public water supply system of which the proposed project is a part, identification of any existing violations of federal or State public water supply regulations and identification of the needs to be addressed by the proposed project.

2) A discussion of the technical, financial and managerial considerations that form the basis for the applicant's selection of the proposed project. The relationship of the nature, size and capacity of the selected alternative to the needs to be served, including reserve capacity, shall be addressed. Also included shall be a discussion of the operational requirements of the selected alternative and provisions for disposal of waste by-products in accordance with State requirements.

3) A detailed description of the alternative selected for loan assistance, including preliminary engineering data, complete cost estimates for design and construction, one or more 8.5 by 11 inch site maps locating areas of construction and/or indirect impacts, and a projected schedule for completion. The engineering data shall include, to the extent appropriate, flow diagrams, unit process descriptions, detention times, flow rates, unit capacities, etc., sufficient to demonstrate that the proposed project will be designed in accordance with 35 Ill. Adm. Code 651 through 654.

4) Evidence of consultation with relevant federal and State agencies with documentation of project approval where required.

5) An implementation plan for the proposed recommendations, including necessary financial arrangements for operating the facility and repayment of the proposed loan amount, as well as the impact of these costs on the system users.