APPENDIX A

PROJECT APPROACH

O'BRIEN & GERE
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Comprehensive Regional Water Supply Plan

Duck River Development Agency

Project Approach and Decision Making Process

	Workshop 1 Goals / Kick-off Meeting Week 2	Data Collection and Initial Investigations	Workshop 2 Preliminary Feasibility Week 12	Alternatives Development	Workshop 3 Developing Alternatives Week 23	Alternatives Evaluations	Workshop 4 Evaluating Alternatives Week 33	Report and Decision-Making	Workshop 5 Implementation Planning Week 42	Next Steps	Workshop 6 Conclusions Week 50
Water Quality and Capacity	▪ DRA goals and policies ▪ Key issues review ▪ Establish information collection program ▪ Demand projections	▪ Review stream hydrology and water quality data ▪ Review population and demands ▪ Peaking factors *Meetings with participants*	▪ Service areas / demands ▪ Water supply options	▪ Refine service areas and demands ▪ Identify supply alternatives	▪ Review key issues memo on water quality / capacity ▪ Select alternatives	▪ Finalize cost estimates ▪ Compare PW cost / benefits *Meetings with participants*	▪ Screen Alternatives	▪ Draft report and executive summary **Draft Report**	▪ Review public input ▪ Finalize alternative selection	▪ Finalize report and executive summary ▪ Draft Implementation Plan **Final Report**	▪ Adopt Implementation Plan ▪ Authorize design
Reliability and Permitting	▪ Reliability goals ▪ Approach to water supply permitting ▪ Environmental impacts	▪ Review reservoir release requirements and NPDES permits ▪ Revisit redundancy approaches *Meetings with regulators*	▪ Approach for supply permitting and stream quality	▪ Review demands / capacity policies *Regulatory discussion*	▪ Discuss permitting obstacles ▪ Adopt reliability approach	▪ Compare PW cost / benefits of alternative approaches	▪ Finalize reliability approach *Meetings with regulators*	▪ Pre-scoping meeting for permits and obstacles	▪ Expert panel discussion on regulatory approaches	▪ Scoping meeting for permits and environmental studies	▪ Approve scope for supplemental studies If needed
Financial	▪ Review funding options ▪ Agree on cost estimating techniques	▪ Develop basis for costing for each participant ▪ Review unit costs	▪ Finalize costing methods	▪ Develop cost estimate, based on technical studies (above) ▪ Load cost model *Draft Cost Model*	▪ Review preliminary costs	▪ Review funding options **Present Worth Cost Analysis**	▪ Sensitivity analysis on present worth	▪ Refine costs and funding options *Updated Cost Model*	▪ Select preferred funding plan *Meetings with potential funding agencies*	▪ Select preferred funding plan	▪ Endorse funding plan ▪ Retain legal and financial counsel for bonding
Community Impacts and Public Policy	▪ Stakeholders and roles ▪ Community impacts review *Community issues Water supply attitudes*	▪ Gather input on non-cost factors ▪ Website development *Interview key stakeholders*	▪ Identify evaluation factors ▪ Develop pair-wise comparison	▪ Define evaluation factors ▪ Website updates *Open House Meetings*	▪ Review policy impacts on alternatives	▪ Update decision model with PW costs and revisit pair-wise **Finalize Community Impact Assessment** *Decision Model*	▪ Select alternatives *Open House Meetings*	▪ Briefings for elected officials ▪ Public meeting	▪ Review input from stakeholders ▪ Plan public meeting	▪ Briefings for elected officials	▪ Communication plan for implementation phase *Open House Meetings*

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