## Phase II Draft Timeline

2010

TASK DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
SB - 3 Section 4.04. Study Commission on Region C Water Supply: (e) The study commission shall:												
(1) review the water supply alternatives available to the Region C Regional Water Planning Area, including obtaining additional water supply from Wright Patman Lake, Toledo Bend Reservoir, Lake Texoma, Lake O' the Pines, other existing and proposed reservoirs, and groundwater,												
1.1. WPL - Determine what volume of water is available from Wright Patman after giving consideration to existing water rights holders, anticipated local needs over the term of a contract period, unexpected local need and retained local surplus supply for drought protection.					x							
1.2. WPL - Determine how much water is available from existing water rights holders for sale or contract. Identify which parties would be selling or contracting water.					х							
<ul> <li>1.3. WPL - Determine what operating level of Wright Patman is reasonable due to the White Oak Mitigation facility and determine how operations could be modified.</li> <li>1.4. WPL - Determine what is the expected yield of Wright Patman under the most reasonably</li> </ul>					х							
achievable operating scenarios.					х							
1.5. WPL - Determine for each operating scenario considered what additional information must be gathered to allow consideration of this strategy as a reasonably equivalent alternative to Marvin Nichols.					x							
1.6. WPL - Prepare cost estimates (pipeline, intake structure and pump station, mitigation, permitting, etc.)					х							
1.7. Lake O' the Pines - Determine what volume of water is available from LOP including permitted water that has not been contracted below 228.5 feet msl.					х							
1.8. Lake O' the Pines - Determine if there are any other consideration for existing water rights holders (including contracts that may not be fully utilized), anticipated local needs over the term of a contract period, unexpected local need and retained local surplus supply for drought protection.					x							
1.9. Lake O' the Pines - Prepare cost estimates (pipeline, intake structure and pump station, mitigation, permitting, etc.)					х							
1.10. Lake O' the Pines - Determine if there is additional flood storage over the elevation of 228.5 feet that could be reallocated to water supply.					х							
1.11. Lake O' the Pines - Determine if congressional approval is needed and describe the process involved.					х							
1.12. Groundwater - Review the groundwater availability modeling and desired future conditions included in the 2010 version of the Region C and Region D Water Plans. Identify how much of the current and future water demand can be met by groundwater.					x							

# Phase II Draft Timeline

### 2010

TASK DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	ОСТ	NOV	DEC
<ul> <li>(2) in connection with the review under Subdivision (1) of this subsection, analyze the socioec of the water to meet the water needs of the Region C Regional Water Planning Area, including:</li> <li>(A) the effects on landowners, agricultural and natural resources, businesses, industries, and (B) in connection with the use by the Region C Regional Water Planning Area of water from Wr relying on that water availability;</li> </ul>	axing	entities	of differ	ent wat	er mana	igement	strategie	es; and				
2.A. the effects on landowners, agricultural and natural resources, businesses, industries, and taxing entities of different water management strategies; and					х							
2.B. In connection with the use by the Region C Regional Water Planning Area of water from Wright Patman Lake, the effect on water availability in that lake and the effect on industries relying on that water availability; 1. What industries rely on WPL and which, if any, will be affected, e.g. International Paper, if that water is used by Region C.					x							
(3) determine whether water demand in the Region C Regional Water Planning Area may be rec additional water supplies;	luced t	hrough	additio	nal cons	servatio	n and reu	use mea	sures s	o as to p	ostpone	e the ne	ed for
3.1. Provide information to Study Commission on results of study completed for Phase 1 of the 2011 Regional Water Planning cycle, "Region C Water Conservation and Reuse Study", focusing on current conservation efforts, issues related to measurement of effectiveness of specific measures and implementation rates, and recommendations for ongoing planning efforts.			x									
3.2. Provide information to Study Commission on results study to determine the volume of water expected to be saved through conservation and reuse strategies to be implemented by municipal Water User Groups in Region C.			x									
3.3. Determine the remaining water demand for municipal WUGs which would be anticipated to be met from traditional ground and/or surface water sources, and calculate an equivalent gallons per capita per day (GPCD) demand for water from those "freshwater" sources.			х									
3.4. Determine any additional demand reductions which would be necessary to further reduce the Region C freshwater GPCD to levels equivalent to the state average GPCD and to the Region D average GPCD.			х									
3.5. Analyze the volumes of demand reduction calculated in (4) above in relation to volumes associated with recommended and alternate strategies proposed to develop additional water supplies.			х									
(4) evaluate measures that would need to be taken to comply with the mitigation requirements reservoirs, including identifying potential mitigation sites;	of the l	Jnited	States A	rmy Co	orps of E	Ingineers	s in coni	nection	with any	propos	ed new	/
4.1. Present information on mitigation regulations including process and timing of decisions related to mitigation plans for water supply projects including reservoirs and transmission facilities.			х									
(5) consider whether the mitigation burden described by Subdivision (4) of this subsection ma allocation to each region of water in any proposed reservoir;	y be sh	ared by	y the Reg	gions C	and D F	Regional	Water P	lanning	Areas ir	propor	tion to	the
5.1. Present information on mitigation regulations relating to determination of location of mitigation for water supply projects including reservoirs and transmission facilities.			x									

# Phase II Draft Timeline

## 2010

TASK DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	ОСТ	NOV	DEC
(6) review innovative methods of compensation to affected property owners, including royalties for water stored on acquired properties and annual payments to landowners for properties acquired for the construction of a reservoir to satisfy future water management strategies;												
6.1. Compile and report on methods of compensation to affected property owners that have been considered by the legislature during the 80 <sup>th</sup> and 81 <sup>st</sup> legislative sessions or that are used in other states, if applicable.							х					
(7) evaluate the minimum number of surface acres required for the construction of proposed reservoirs in order to develop adequate water supply; and												
7.1. Present summary of number of surface acres reported in various prior studies as they relate to different dam locations.							х					
(8) identify the locations of proposed reservoir sites and proposed mitigation sites, as applicable, as selected in accordance with existing state and federal law, in the Regions C and D Regional Water Planning Areas using satellite imagery with sufficient resolution to permit land ownership to be determined.												
8.1. Present results of work done by Texas A&M's Blacklands Research Center on areal imagery and elevation data.							х					
8.2. Review and discuss benefits of completing "Sulphur River Basin Feasibility Study."			Х									
Review Draft Report									Х			
Approve Final Report										Х		
Print Final Report											0	
Deliver Final Report												0

#### Note:

(1) Boxes with "X" indicates task to be discussed at meeting of Study Commission scheduled during month indicated.

(2) Boxes with "O" indicates no meeting of Study Commission is required.