Water Portfolio

Overview

September 24, 2007 Statewide Water Analysis Network Workshop

Definitions

- Lists of definitions are included on the website –

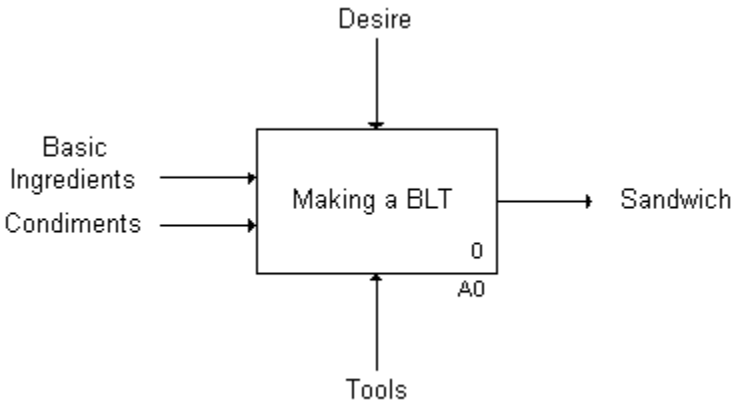
http://www.waterplan.water.ca.gov/docs/cwpu2005/vol3/vol3glossary.pdf

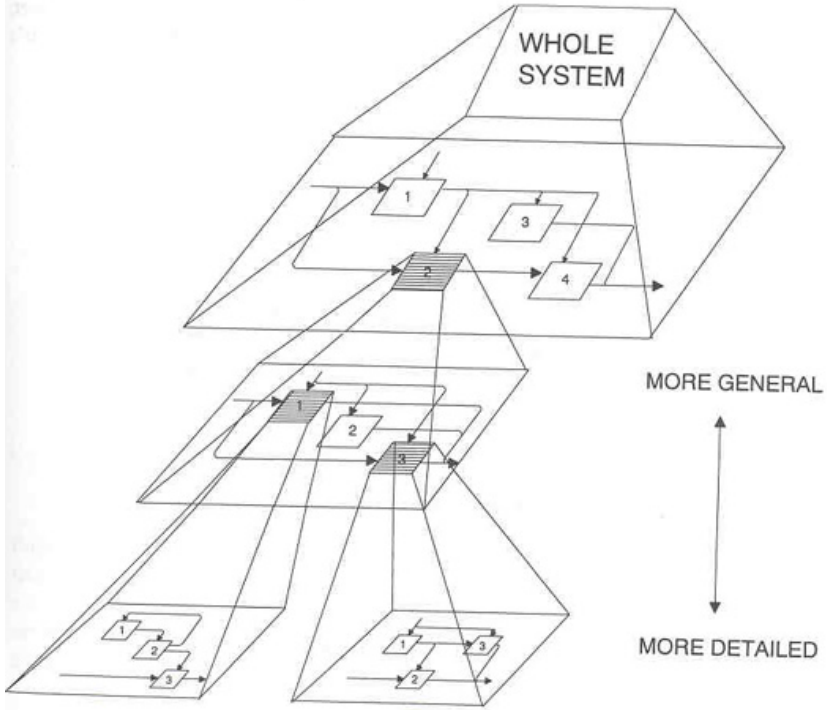
Basic Definitions

- Applied Water – The amount of water from any source needed to meet the demand for beneficial use. Includes consumptive use, reuse and outflow.
- Net Water Use – the amount of water needed in a water service area to meet all requirements or demands. Includes evapotranspiration of applied water, irrecoverable water and outflow leaving the service area, but not reuse.
- Depletion – Water consumed through evapotranspiration, flows to salt sinks, and other non-recoverable outflows.

Data Development

- The following IDEF0 diagrams describe the processes used to develop the flow diagram data
- The IDEF0 program uses a format similar to the following





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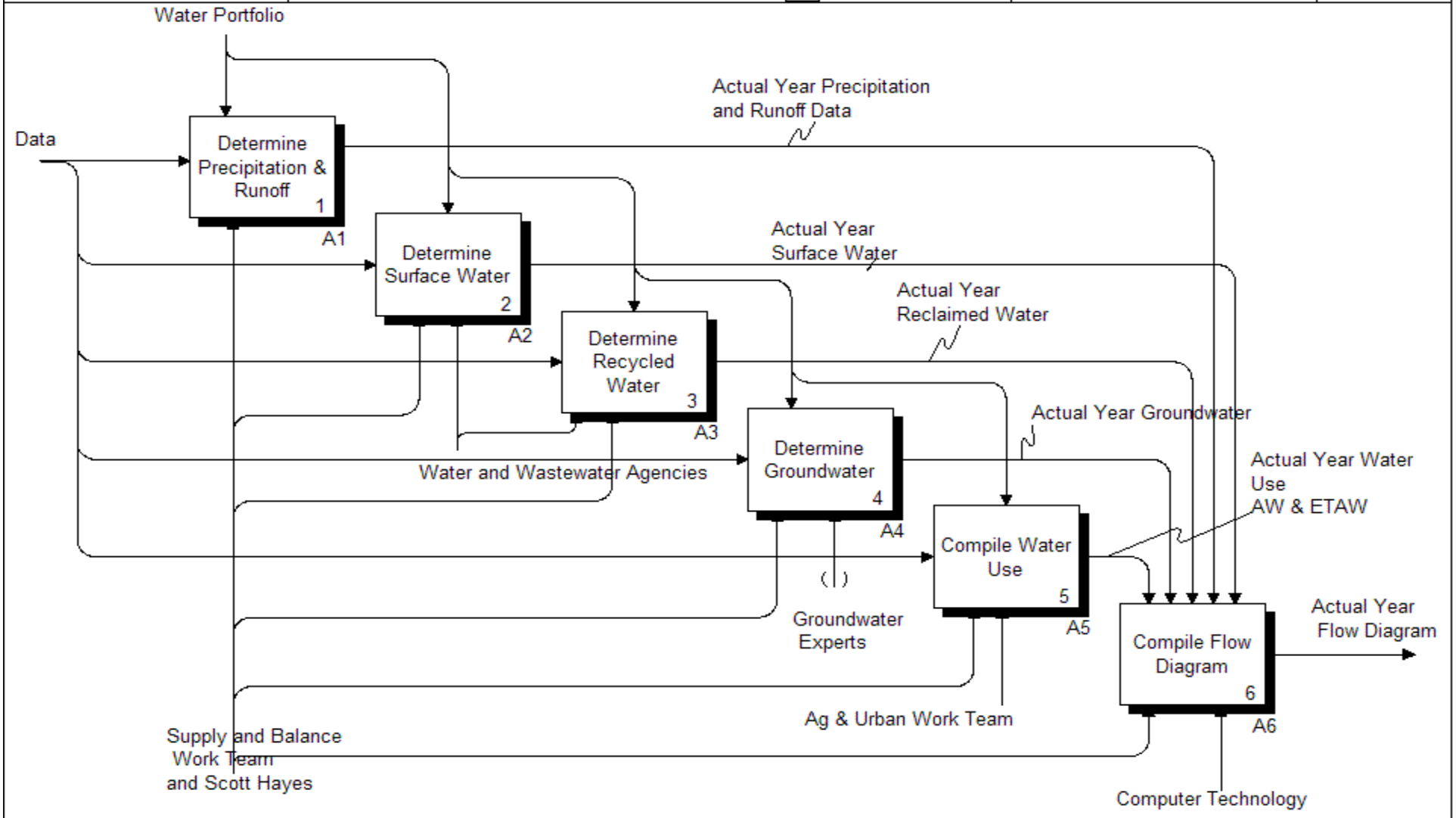
				PUBLICATION		A-0



Node:	Title:	Number:
A0	Develop Flow Diagram	Page: 2

Used At: DWR	Author: SWPB	Date: 10/10/01	WORKING	READER	DATE
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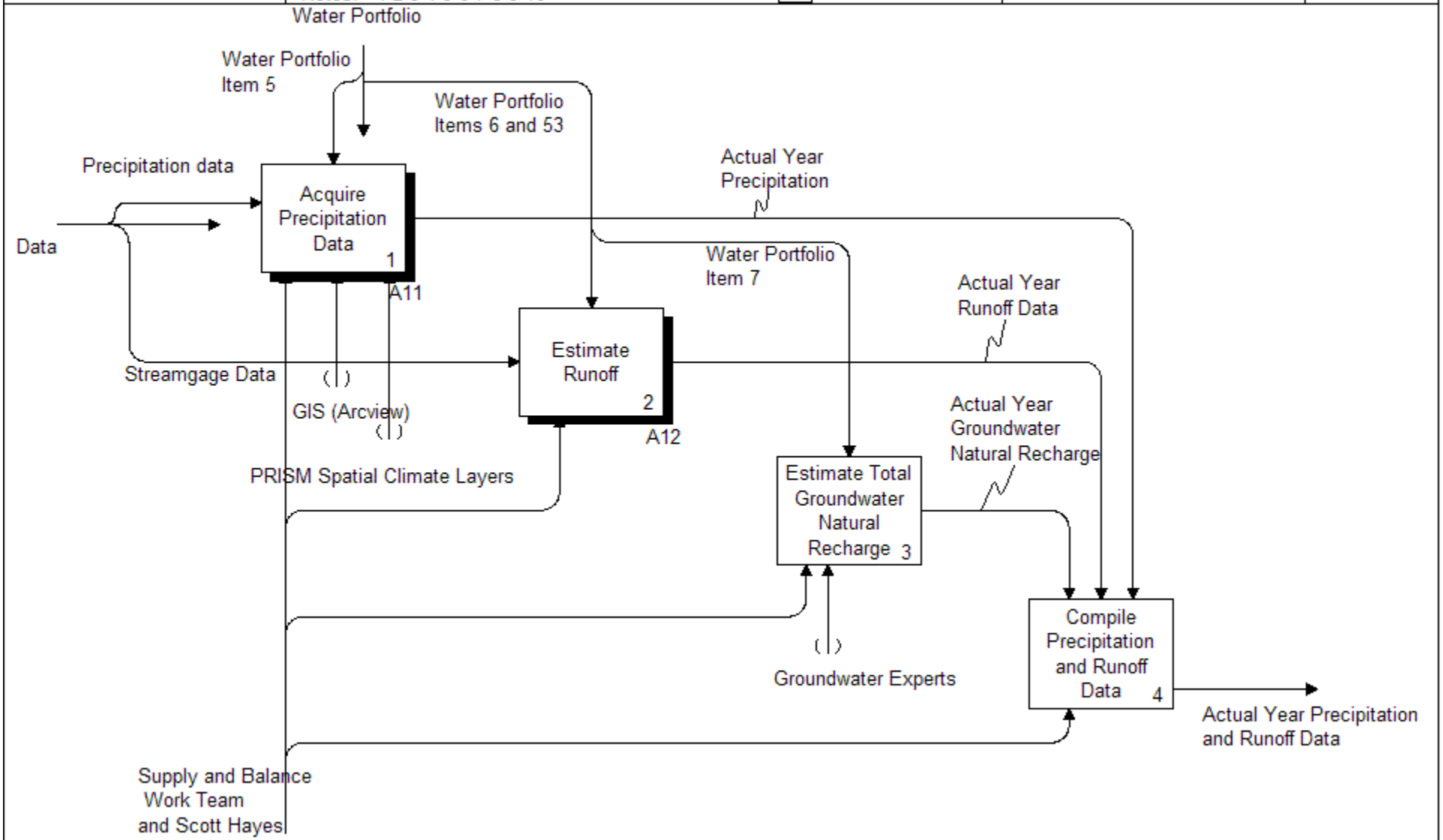
			PUBLICATION		

CONTEXT: A0



Node: A1	Title: Determine Precipitation & Runoff	Number:
		Page: 3

	Author: SWPB	Date: 10/10/01	WORKING	READER DATE	CONTEXT:
Used At: DWR	Project: Flow Diagram	Rev: 10/10/01	DRAFT		
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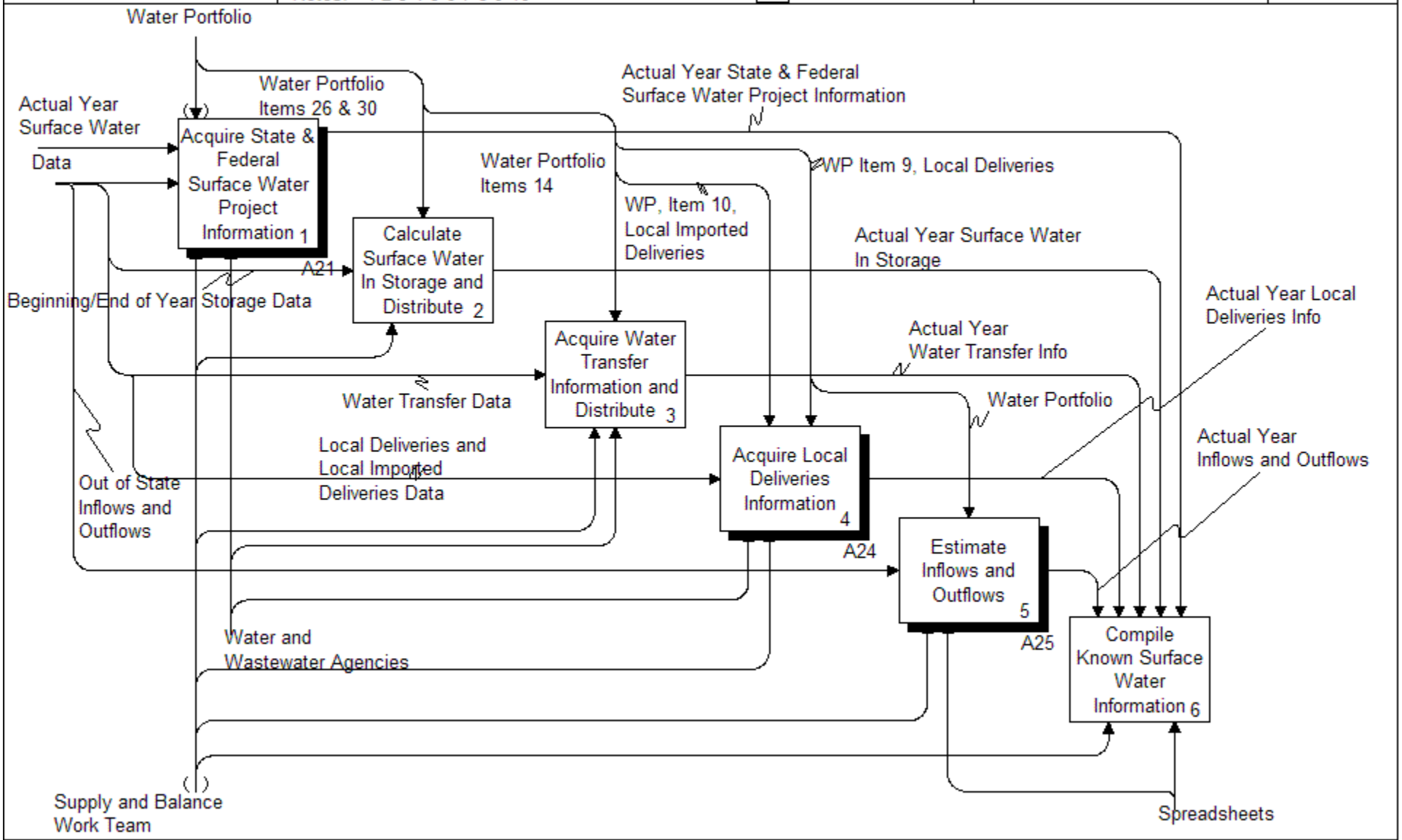
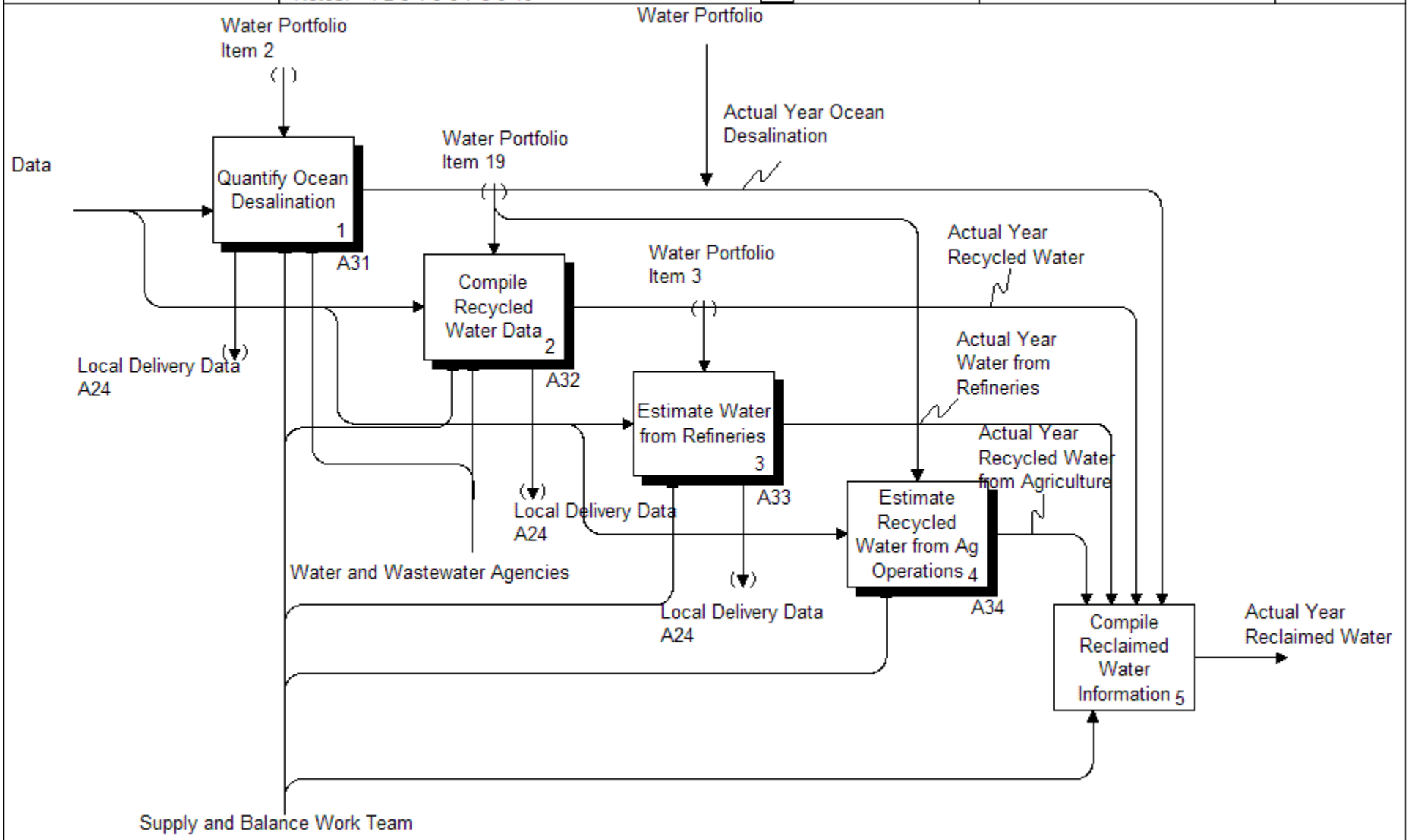
			PUBLICATION		A0



Node: A2	Title: Determine Surface Water	Number:
		Page: 7

Used At: DWR	Author: SWPB	Date: 10/10/01	WORKING	READER	DATE
	Project: Flow Diagram	Rev: 10/10/01	DRAFT		
	Notes: 1 2 3 4 5 6 7 8 9 10		RECOMMENDED		
			PUBLICATION		

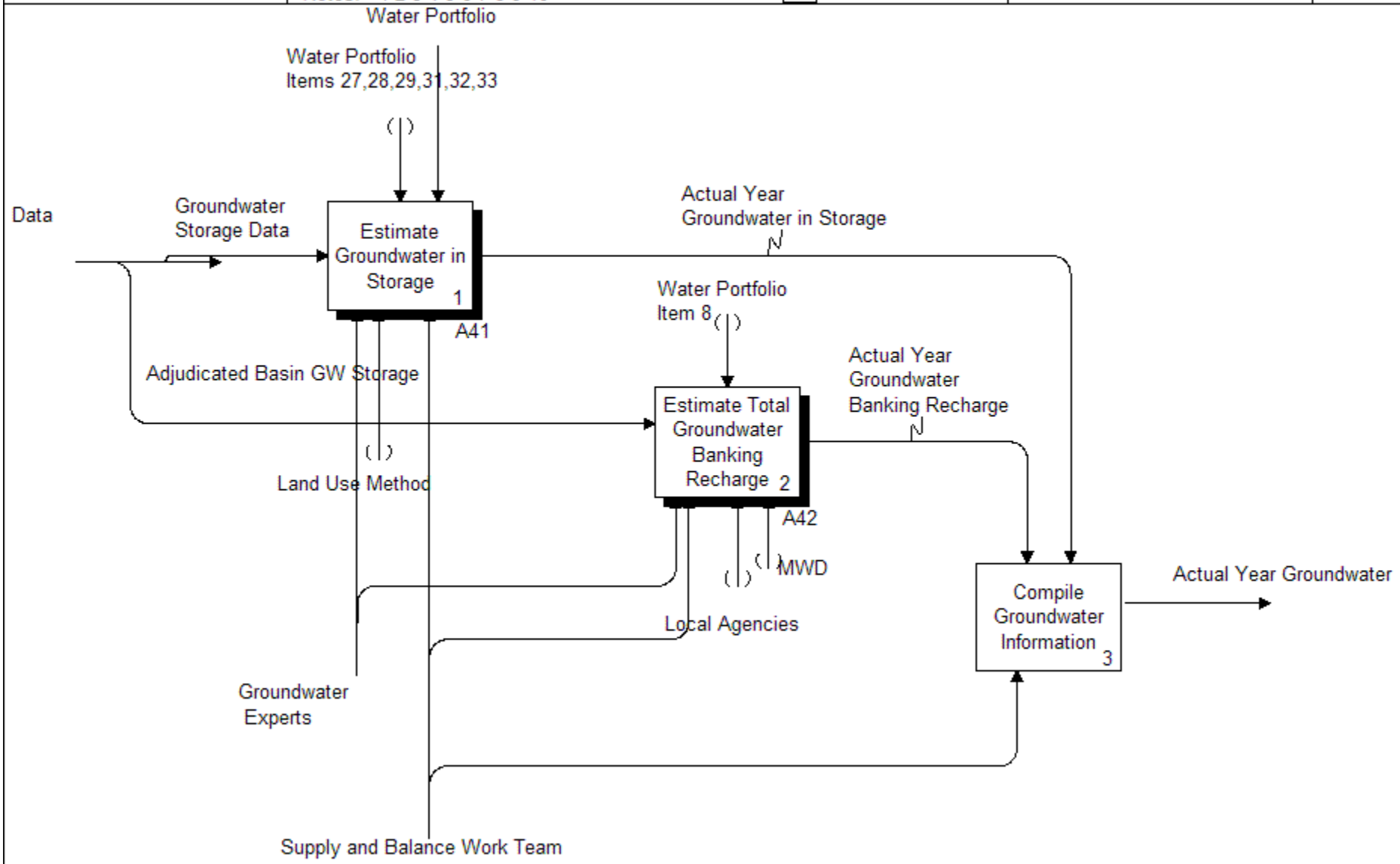
CONTEXT: A0



Node:	Title:	Number:
A3	Determine Recycled Water	

Used At: DWR	Author: SWPB	Date: 10/10/01	WORKING	READER	DATE
	Project: Flow Diagram	Rev: 10/10/01	DRAFT		
	Notes: 1 2 3 4 5 6 7 8 9 10		RECOMMENDED		
			PUBLICATION		

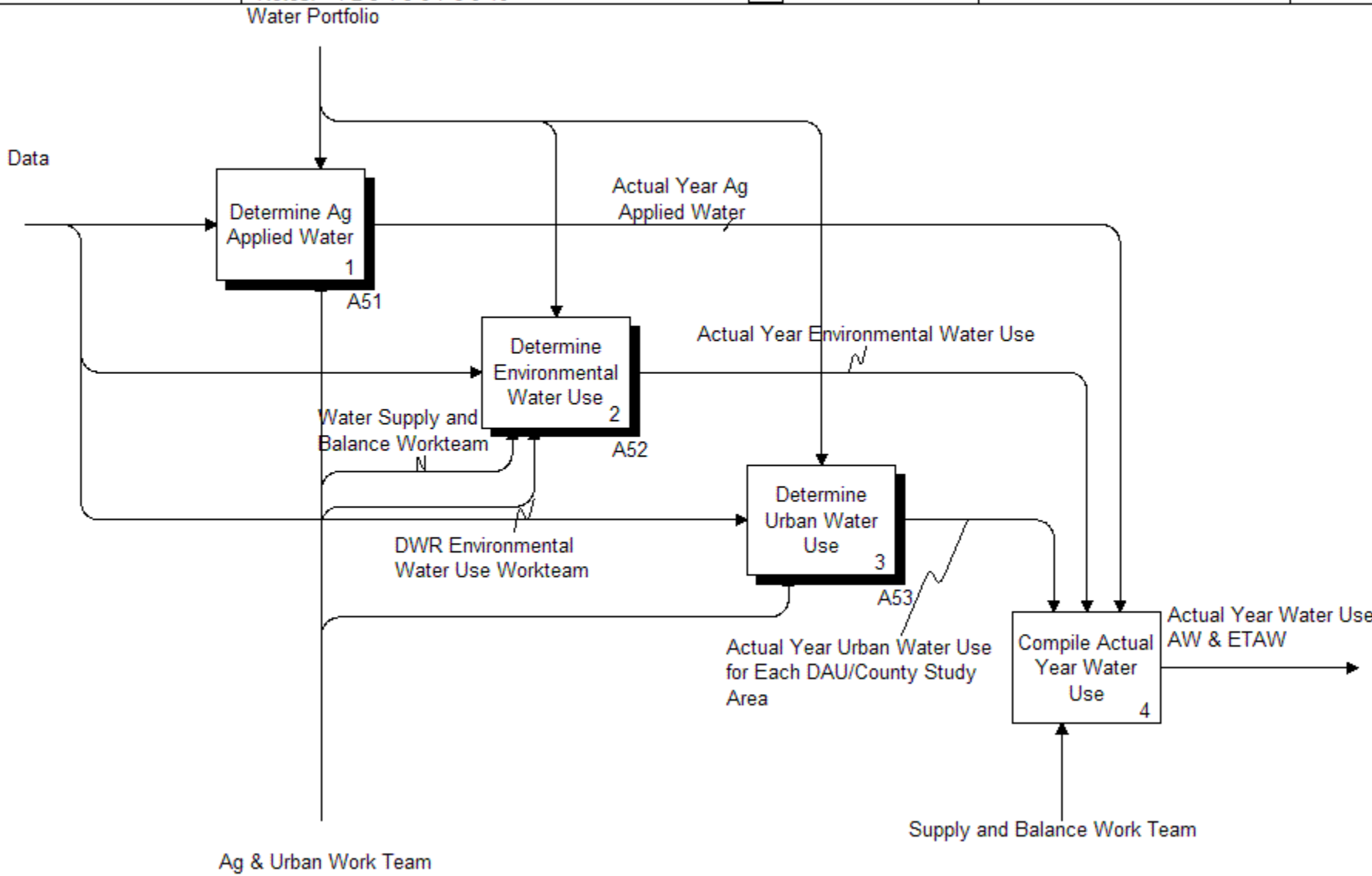
CONTEXT: A0



Node: A4	Title: Determine Groundwater	Number:

Used At: DWR	Author: SWPB	Date: 10/19/2001	WORKING	READER	DATE
	Project: Flow Diagram	Rev: 10/19/01	DRAFT		
	Notes: 1 2 3 4 5 6 7 8 9 10		RECOMMENDED		
			PUBLICATION		

CONTEXT: A0



Node:	Title:	Number:
A5	Compile Water Use	

	Author: Tipton Date: 10/19/2001		WORKING	READER DATE	CONTEXT
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Used At:	Project: Flow Diagram Rev: 8/31/2007		RECOMMENDED		
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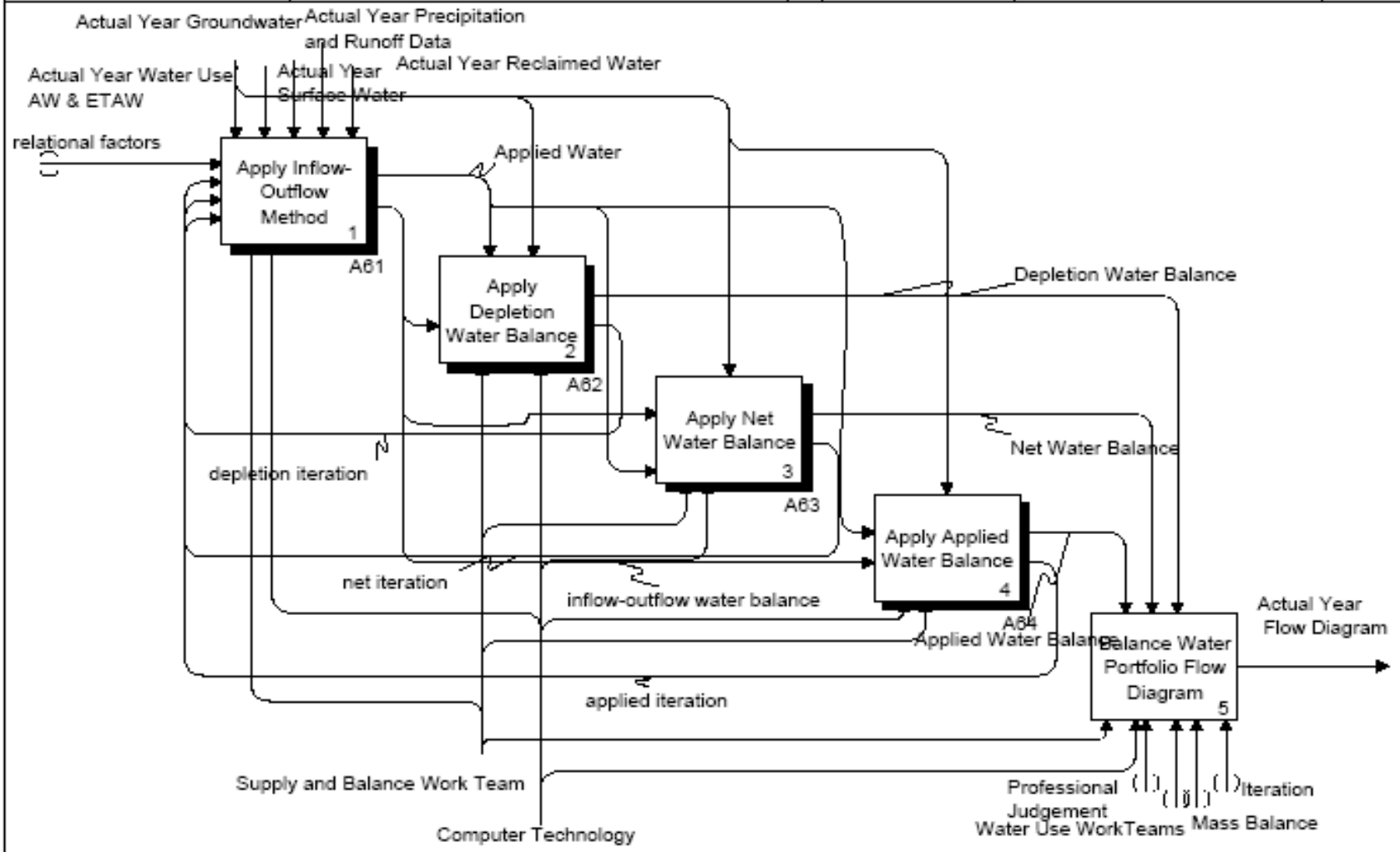
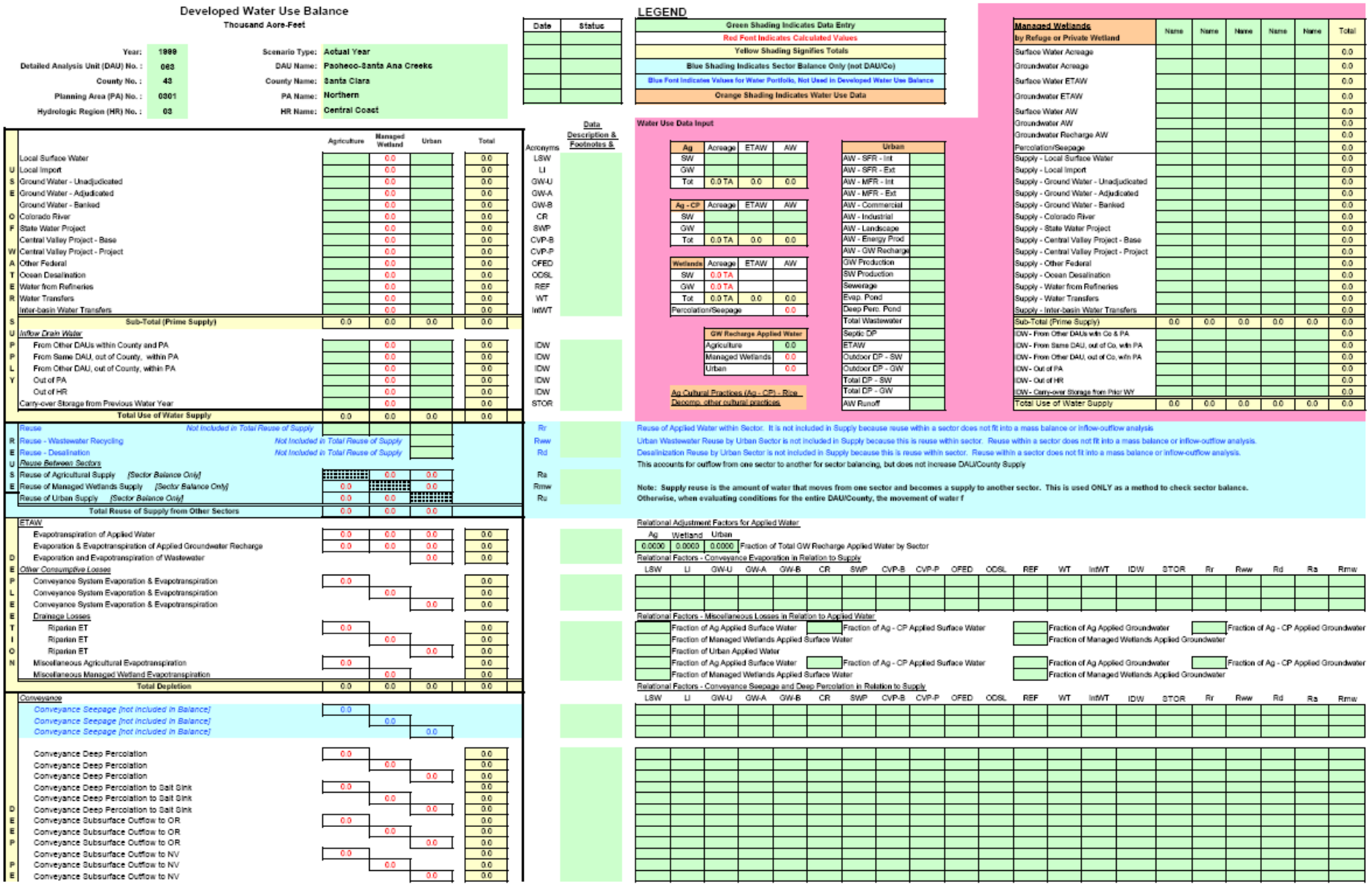


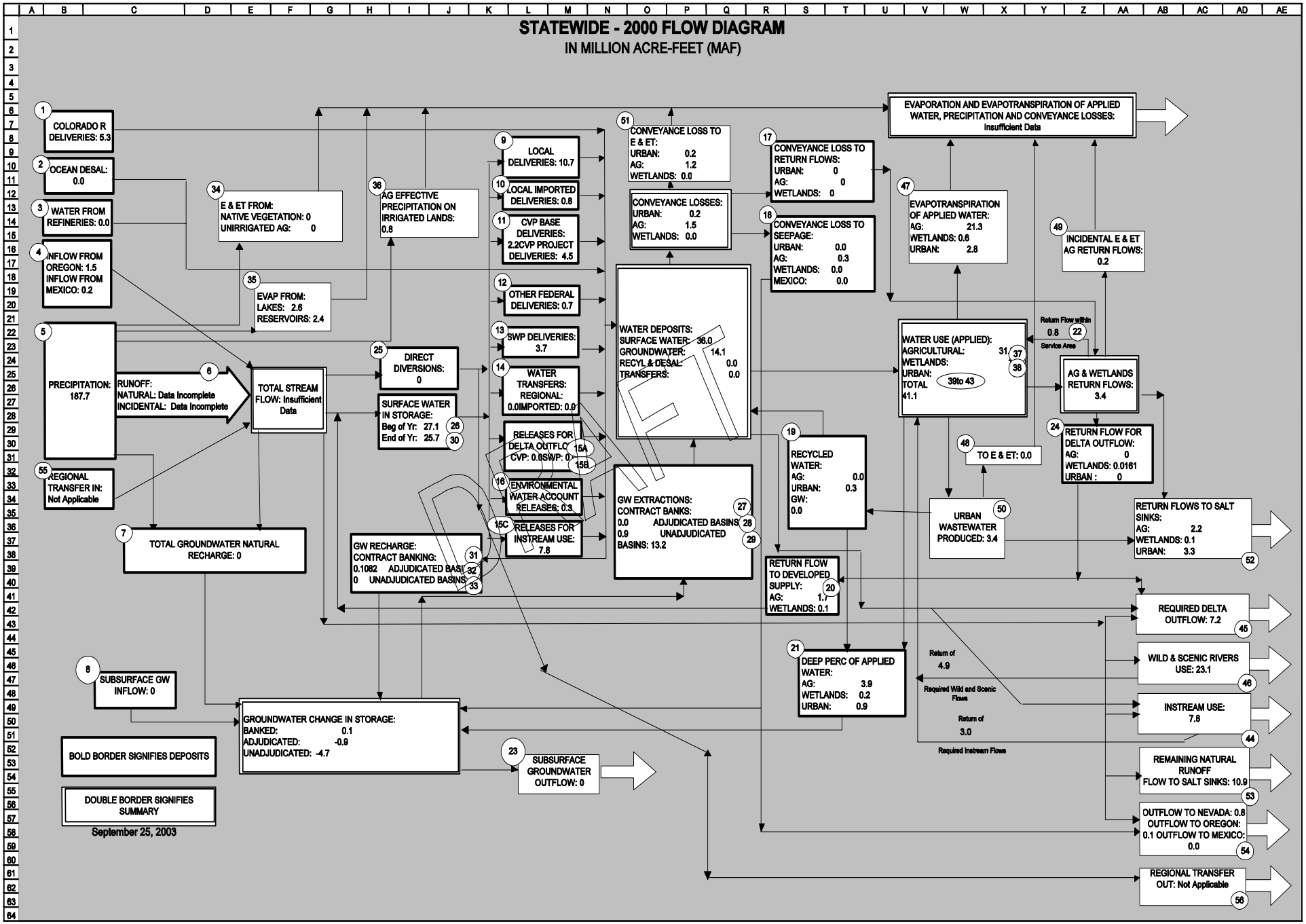
Node: A6	Title: Compile Flow Diagram	Number:
		Page: 46



An example of the Inflow-Outflow method of Data Entry

STATEWIDE - 2000 FLOW DIAGRAM

IN MILLION ACRE-FEET (MAF)



Water Portfolio in Update 2009

- Update 2005 data available on website

http://www.waterplan.water.ca.gov/waterpie/faf_data.cfm

- Complete IDEF0 Flow Charts are available at

http://www.waterplan.water.ca.gov/technical/processmaps/index.cfm

- The Water Portfolio data sources are available at

http://www.waterplan.water.ca.gov/technical/datasources/

For More Information

Contact staff at the Department of Water Resources

http://www.waterplan.water.ca.gov/comments/index.cfm

Or me

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