



DEPARTMENT OF
WATER RESOURCES

Senate Bill X7-7
Third Annual WRPI Conference
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Manucher Alemi, Ph. D., P.E.



DWR's Water Use Efficiency Program

- Provides assistance to local agencies and individuals regarding agricultural and urban water conservation.
- Manages the California Irrigation Management Information System.
- Carries out data analysis, demonstration projects and research to achieve water use efficiency.
- Provides loans and grants to make more efficient use of water.
- Estimates statewide land and water use for California Water Plan Update

State's NEW Mandate

- Senate Bill X7-7, Statute of 2009- Water Conservation
 - 20% urban water use reduction by 2020
 - Agricultural water management planning, implementation, and reporting





Senate Bill X7-7

- Requires agricultural suppliers to implement efficient water management practices (EWMPs) and prepare and submit a plan to DWR (affects about 200 suppliers)
- Requires DWR to report to the legislature on the status of AWMPs and effectiveness of SB X7-7 and recommending proposed changes.



SB X7-7

- Places 20% goal in statute for urban agencies; establishes the process to achieve savings and report in Urban Water Management Plan to DWR (450 suppliers)
- DWR to report to the legislature and make recommendation on needed changes if the state is not “on track” to meet urban per capita targets



SB X7-7

- Conditions future state water loans and grants to compliance with SB X7-7 requirements.
- Directs DWR to work with other entities and stakeholders and take a number of actions.



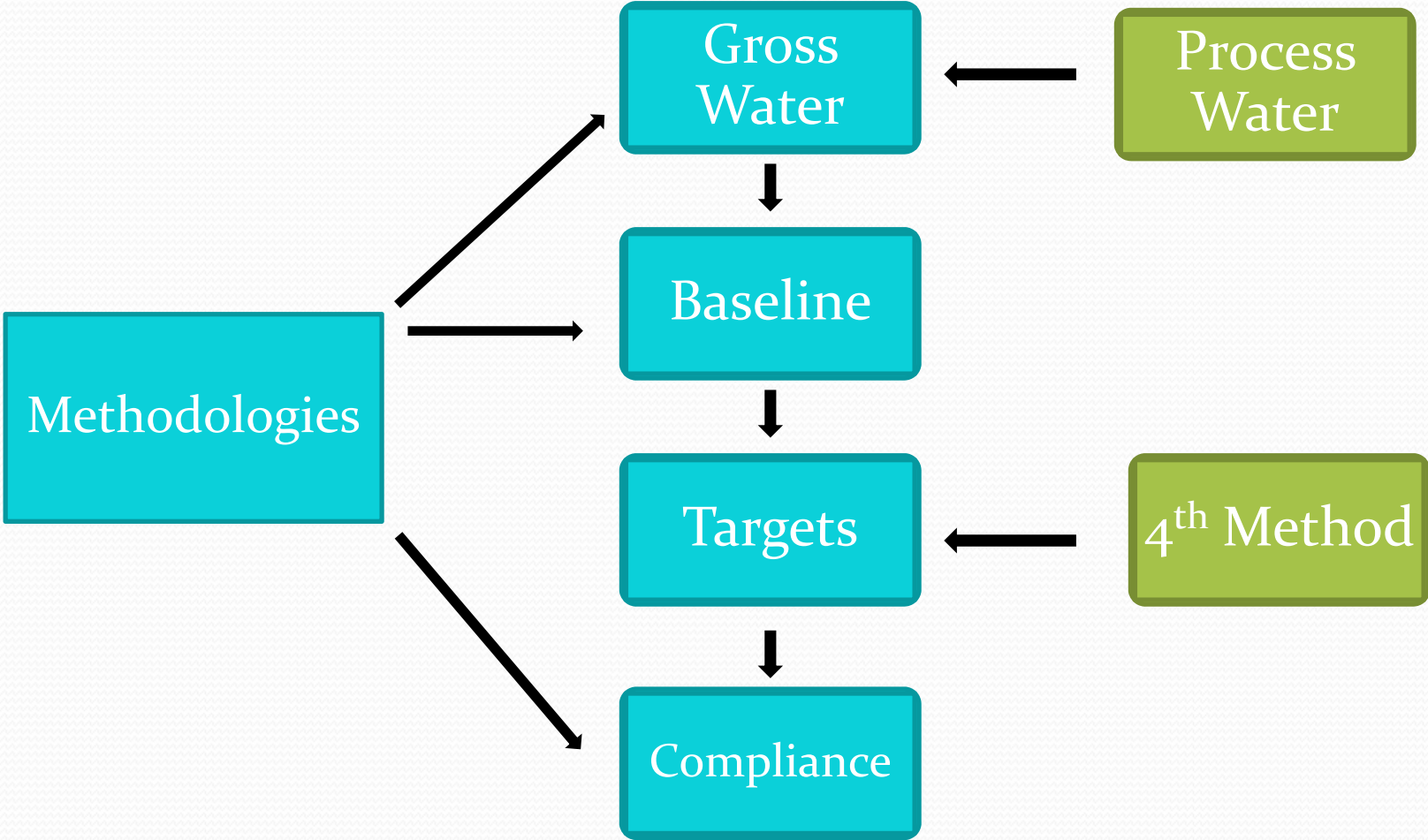
DWR Actions - Public Process

- Formed
 - CII Task Force
 - Urban Stakeholder Committee
 - Agriculture Stakeholder Committee
 - State and federal agency team
- Hold public meetings/workshops
- Post information on DWR website
- Follow APA rule making



DWR Actions (urban)

- Methodologies for calculating baseline and compliance per capita water use





DWR Actions (urban)

- Water Management Plan Guidebook
- Commercial, Industrial and Institutional (CII) Task Force to develop best management practices



DWR Actions (agriculture)

- Agricultural water measurement regulation

SB X7-7 requires DWR to adopt a water measurement regulation

- A range of options agricultural water suppliers may implement to measure volume with sufficient accuracy
 - to comply with farm-gate water delivery reporting requirements
 - to develop pricing structure

Ag Water Suppliers in Four Size Categories

Categories	Number of Suppliers		Acreage	
	Number	%	Acres	%
A < 2,000	50	19%	49,000	1%
2,000 ≤ A < 10,000	91	35%	486,000	7%
10,000 ≤ A < 25,000	46	18%	680,000	10%
A ≥ 25,000	72	28%	5,694,000	82%
Total	259	100%	6,909,000	100%

Option a- Farm-Gate
(5, 10, 12%)



 Measurement device

 No measurement device

Option b- Lateral (3, 6, 10%)





Draft Agricultural Water Measurement Regulation Contents

- Applicability*
- Range of options
 - a. Farm-gate standards (5, 10, 12%)
 - b. Lateral standards (3, 6, 10%)
- Certification and Performance
- Document submittal and retention

*CVPIA and RRA contractors - 2008 federal standards (6%)
QSA- Exempt

Affected Acreage, Measurement Sites and Number of Suppliers (≥ 25,000 acres)

Regions	Acres per Turnout	Potentially Affected Irrigated Acres	Potentially Affected Turnouts	Potentially Affected Lateral Sites	Potentially Affected Suppliers
Sacramento Valley	80	595,629	7,445	317	13
Delta	50	25,760	515		1
East San Joaquin Valley	40	558,387	13,960		7
West San Joaquin Valley	100	60,108	601		2
Southern San Joaquin Valley	60	1,452,402	24,207		20
Southern California, Coast, Other	70	187,840	2,683		3
Total		2,880,126	49,411	317	46

Fiscal Impacts

Statewide Present Value (PV) of Cost Over a 20-Year Horizon

PV of capital and initial assessment	\$66,668,000
PV of annual O&M, capital replacement, administration & reporting	\$263,703,000
Total PV	\$333,371,000



DWR Actions (agriculture)

- Method for quantification of efficiency of agricultural water use
 - Farm-level
 - District-level
 - Regional-level
- Agricultural Water Management Plan Guidebook
- Updating the Agricultural Efficient Water Management Practices



DWR Agriculture and Urban Actions

- Standardized data form for water use reporting
- Loans and Grants criteria



SBX7-7 Website

www.water.ca.gov/wateruseefficiency/sb7