

EXHIBIT 14-A

BRAINSTORMING TEMPLATE FOR WATER SUPPLY ALTERNATIVES

MPWMD Special Workshop, August 25, 2011

Alternative Category: _____ (ASR, desal, recycle, etc)
 Project Name: _____ (be specific)
 Project Sponsors: _____ (suggested sponsor)
 Location: _____ (describe)
 Project Description: _____ (describe concept)

ATTRIBUTE	NOTES and COMMENTS Identify tasks needed to obtain essential information
YIELD (AFY) *Avg./long-term *Minimum *Maximum See page 7 #5	Consider factors that might affect yield; what is expected life? ① Can the margin of allowed production over actual production (100's of AF) be delivered to SSWB as drought protection in the future?
COST *Capital cost *O&M *Unit cost (\$/AF)	Consider factors that might affect costs 7000-12000 ② Can Clark Colony pre 1914 water rights be acquired, to allow legal take from Salinas River? be Any estimate of cost + timing?
TIMELINE *CEQA/NEPA *Permits (see below) *Site Acquisition *Design *Construction *Water Delivery	Consider factors that affect timeline to water delivery. Why has this been so ignored? What is its potential? Nancy Isakson - mcbw exercised option George P.
PROS & CONS	
*Benefits	Ex: timely, drought-proof, affordable
*Drawbacks	Ex: uncertain technology, high cost, weather dependent
OTHER	

the 400 line

PERMITS		
*Federal Agencies	NEPA, ESA, 404, 401	USFWS, NMFS, Corps, EPA, Sanctuary
*State Agencies	CEQA, Water Rights, 1601/1603	SWRCB, RWQCB, CDFG, CCC, CDPH
*Local Agencies	Traffic, Air Quality, Wells	TAMC, MBUAPCD, County (Health and Planning), cities

**BRAINSTORMING TEMPLATE FOR WATER SUPPLY ALTERNATIVES—
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Alternative Category: _____ (ASR, desal, recycle, etc)
 Project Name: Pueblo Water Rights (be specific)
 Project Sponsors: City of Monterey (suggested sponsor)
 Location: Salinas Valley Aquifer (describe)
 Project Description: divert water from SUA (describe concept)

ATTRIBUTE	NOTES and COMMENTS Identify tasks needed to obtain essential information
YIELD (AFY) *Avg./long-term *Minimum *Maximum	Consider factors that might affect yield; what is expected life?
COST *Capital cost *O&M *Unit cost (\$/AF)	Consider factors that might affect costs
TIMELINE *CEQA/NEPA *Permits (see below) *Site Acquisition *Design *Construction *Water Delivery	Consider factors that affect timeline to water delivery.
PROS & CONS	
*Benefits	Ex: timely, drought-proof, affordable
*Drawbacks	Ex: uncertain technology, high cost, weather dependent <u>DF - not create new water</u>
OTHER	

PERMITS		
*Federal Agencies	NEPA, ESA, 404, 401	USFWS, NMFS, Corps, EPA, Sanctuary
*State Agencies	CEQA, Water Rights, 1601/1603	SWRCB, RWQCB, CDFG, CCC, CDPH
*Local Agencies	Traffic, Air Quality, Wells	TAMC, MBUAPCD, County (Health and Planning), cities

**BRAINSTORMING TEMPLATE FOR WATER SUPPLY ALTERNATIVES—
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Alternative Category: Project 5 (ASR, desal, recycle, etc)
 Project Name: Capacity enlargement "Augering" (be specific)
 Project Sponsors: _____ (suggested sponsor)
 Location: Las Padres Dam (describe)
 Project Description: _____ (describe concept)

ATTRIBUTE	NOTES and COMMENTS Identify tasks needed to obtain essential information	
YIELD (AFY) *Avg./long-term *Minimum *Maximum	Consider factors that might affect yield; what is expected life?	
COST *Capital cost *O&M *Unit cost (\$/AF)	Consider factors that might affect costs	
TIMELINE *CEQA/NEPA *Permits (see below) *Site Acquisition *Design *Construction *Water Delivery	Consider factors that affect timeline to water delivery.	
PROS & CONS		
*Benefits	Ex: timely, drought-proof, affordable	
*Drawbacks	Ex: uncertain technology, high cost, weather dependent	
OTHER	Use a water screw or sand auger to move an average annual amount of natural sand deposits into the high water water flow to pass over the dam river as if the Dam was not in place. This would prevent fast further silting of the Dam and <i>Recall but loss of capacity.</i>	
PERMITS *Federal Agencies *State Agencies *Local Agencies	NEPA, ESA, 404, 401 CEQA, Water Rights, 1601/1603 Traffic, Air Quality, Wells	USFWS, NMFS, Corps, EPA, Sanctuary SWRCB, RWQCB, CDFG, CCC, CDPH TAMC, MBUAPCD, County (Health and Planning), cities

*→ main advantage is a low cost non-damaging
 capacity protection project*

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@SandCity

Alternative Category: Right-Sized Desal (ASR, desal, recycle, etc)
 Project Name: MPWMD-Desal (be specific)
 Project Sponsors: FL (suggested sponsor)
 Location: Sand City (describe)
 Project Description: _____ (describe concept)

ATTRIBUTE	NOTES and COMMENTS Identify tasks needed to obtain essential information
YIELD (AFY) *Avg./long-term *Minimum *Maximum	Consider factors that might affect yield; what is expected life? 6,000 afy
COST *Capital cost *O&M *Unit cost (\$/AF)	Consider factors that might affect costs 280 - 320m Capital
TIMELINE *CEQA/NEPA *Permits (see below) *Site Acquisition *Design *Construction *Water Delivery	Consider factors that affect timeline to water delivery. 3 years
PROS & CONS	
*Benefits	Ex: timely, drought-proof, affordable cheaper, faster to build
*Drawbacks	Ex: uncertain technology, high cost, weather dependent
OTHER	

PERMITS *Federal Agencies *State Agencies *Local Agencies	NEPA, ESA, 404, 401 CEQA, Water Rights, 1601/1603 Traffic, Air Quality, Wells	USFWS, NMFS, Corps, EPA, Sanctuary SWRCB, RWQCB, CDFG, CCC, CDPH TAMC, MBUAPCD, County (Health and Planning), cities
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Comparison of Peninsula Water Supply Projects

by D. Dilworth for Helping Our Peninsula's Environment December 2010

	"Right-Sized" Water District Desal at Sand City	"Regional" Desal Project at Marina
Size in Acre feet	8,800 - 10,000+ (Probably only need 7,800)	12,000 +
Cost in millions	~180-240 (est)	~350 - 500 (est)
EIR	Draft Administrative complete	Final, certified
Water Delivery Date	3 (three) years	5 (five) years
Hydrogeological Testing	Done. Hydrogeology is adequate - clay layers are sufficient.	None, zero.
Agency in Charge	Monterey Water District - successful 1,100 acre feet aquifer injection & recovery plant.	Marina Coast - <u>who failed to keep a tiny 200 acre foot Desal plant working.</u>
Ownership	<u>On Peninsula</u> - Monterey Water District	<u>Off Peninsula</u> - Marina Coast
Location	<u>On Peninsula</u> - Voters in Charge	<u>Off Peninsula</u> - Voters Cut Off

For the most up-to-date information please see --

Ihope.org/waterpuc