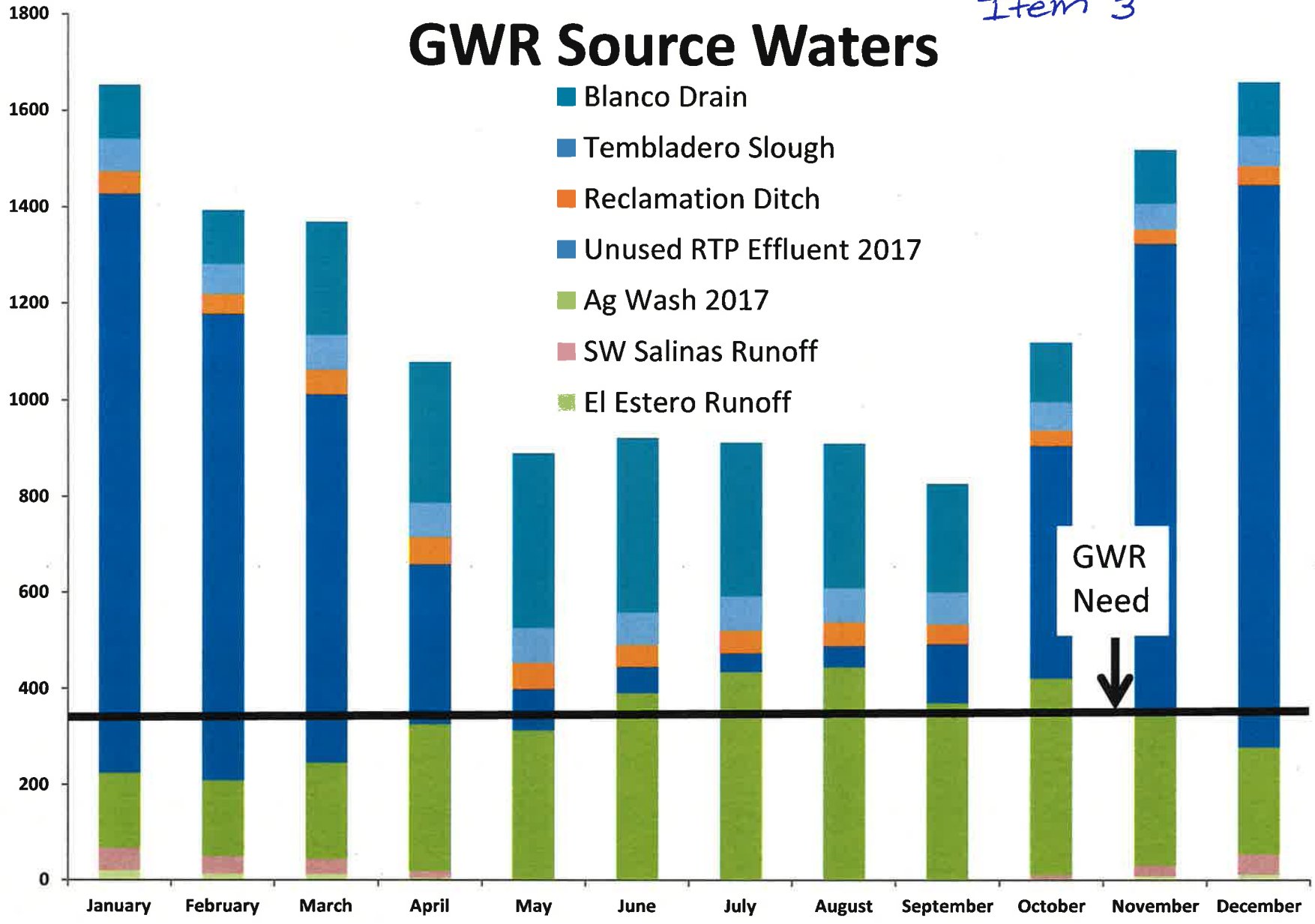


Submitted by staff at  
3/4/2014 Committee meeting

Item 3

# GWR Source Waters

- Blanco Drain
- Tembladero Slough
- Reclamation Ditch
- Unused RTP Effluent 2017
- Ag Wash 2017
- SW Salinas Runoff
- El Estero Runoff



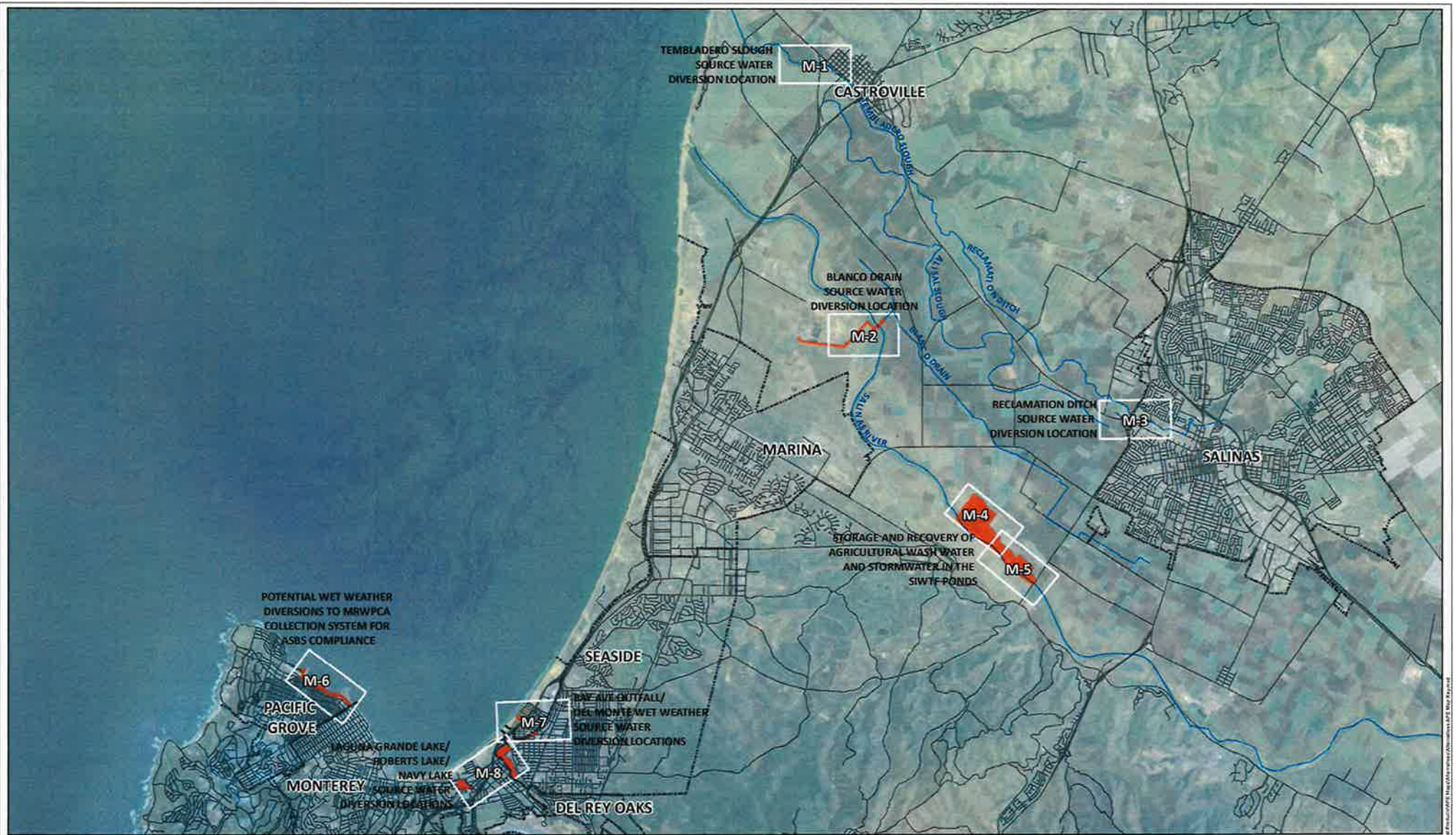
GWR  
Need  
↓

# Proposed GWR Water Sources

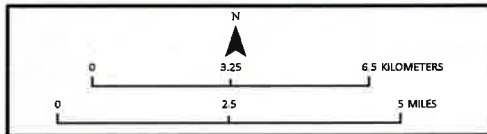
## Estimated 2017 Yearly Volumes

① Salinas Wash Water	4,000+ AFY
② Blanco Drain	2,300 AFY
③ Stormwater	750 AFY
④ Rec Ditch	1,000 AFY
⑤ Secondary Effluent	<u>1,500 to 4,000 AFY</u>
	<b>9,550 to 12,050 AFY</b>

Takes 4,321 AF of source water to generate 3,500 AF of product water for injection



**DRAFT SOURCE WATER ALTERNATIVE SITE LOCATIONS MAP**  
**MONTEREY PENINSULA GROUNDWATER REPLENISHMENT PROJECT**  
 12-5-2013



**ALTERNATIVE SITE LOCATIONS**

Denise Duffy and Associates, Inc.  
 Water and Wastewater GROUP

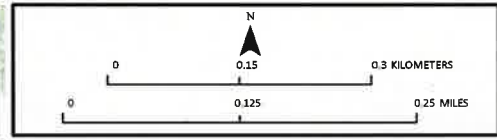
**Monterey Peninsula**  
 Groundwater Replenishment Project  
 Providing a Safe and Sustainable Water Future

Photo: © 2012/13. Photo courtesy of the Monterey Peninsula Water Reclamation Authority. All rights reserved.

**ALT M-1  
TEMBLADERO SLOUGH  
SOURCE WATER  
DIVERSION LOCATION**



**DRAFT SOURCE WATER ALTERNATIVE SITE LOCATIONS MAP**  
**MONTEREY PENINSULA GROUNDWATER REPLENISHMENT PROJECT**  
**12-5-2013**



ALTERNATIVE SOURCE WATER SITE LOCATIONS

Denis Duffy and Associates, Inc.  
Planning and Environmental Consulting

**Monterey Peninsula**  
**Groundwater Replenishment Project**  
Building a Safe and Sustainable Water Supply

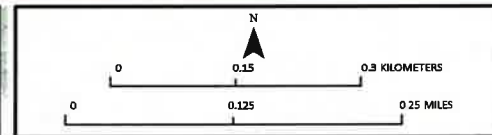
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**ALT M-2  
BLANCO DRAIN  
SOURCE WATER  
DIVERSION LOCATION**



**DRAFT SOURCE WATER ALTERNATIVE SITE LOCATIONS MAP  
MONTEREY PENINSULA GROUNDWATER REPLENISHMENT PROJECT**

**12-5-2013**



ALTERNATIVE SOURCE WATER SITE LOCATIONS

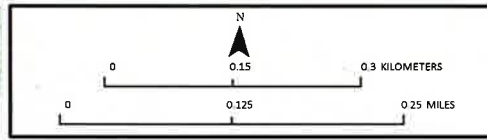
Denise Duffy and Associates, Inc.  
Planning and Environmental Consultants  
**Monterey Peninsula**  
Groundwater Replenishment Project  
Handling 3 TAD Per Seasonal Water Needs

FILE: C:\GIS\03 - MONTEREY PENINSULA GROUNDWATER REPLENISHMENT\MapDocs\AltM2Map.mxd

**ALT M-3  
RECLAMATION DITCH  
SOURCE WATER  
DIVERSION LOCATION**



**DRAFT SOURCE WATER ALTERNATIVE SITE LOCATIONS MAP**  
**MONTEREY PENINSULA GROUNDWATER REPLENISHMENT PROJECT**  
**12-5-2013**



ALTERNATIVE SOURCE WATER SITE LOCATION

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Groundwater Replenishment Project

Providing a Safe and Sustainable Water Supply

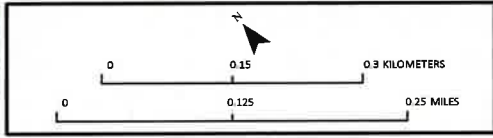
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**ALT M-4  
STORAGE AND RECOVERY OF  
AGRICULTURAL WASH WATER AND  
STORMWATER IN THE  
SIWTF PONDS**



**DRAFT SOURCE WATER ALTERNATIVE SITE LOCATIONS MAP  
MONTEREY PENINSULA GROUNDWATER REPLENISHMENT PROJECT**

**12-5-2013**



ALTERNATIVE SOURCE WATER SITE LOCATION

**Monterey Peninsula  
Groundwater Replenishment Project**  
Monitored & Managed for Sustainable Water Quality

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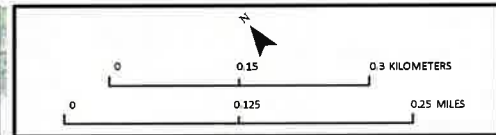


**ALT M-6  
POTENTIAL WET WEATHER  
DIVERSION TO MRWPCA  
COLLECTION SYSTEM FOR  
ASBS COMPLIANCE**



**DRAFT SOURCE WATER ALTERNATIVE SITE LOCATIONS MAP  
MONTEREY PENINSULA GROUNDWATER REPLENISHMENT PROJECT**

**12-5-2013**



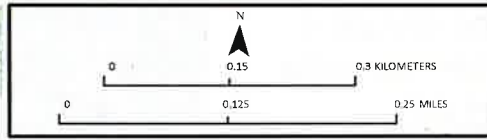
ALTERNATIVE SOURCE WATER SITE LOCATION  
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 Monterey Peninsula  
Groundwater Replenishment Project  
Planning & Public Air Quality Water Right

MAP © 2013 DENISE DUFFY AND ASSOCIATES, INC. PHOTO © 2013 DENISE DUFFY AND ASSOCIATES, INC.

**ALT M-7  
BAY AVE / DEL MONTE BLVD  
SOURCE WATER  
DIVERSION LOCATIONS**



**DRAFT SOURCE WATER ALTERNATIVE SITE LOCATIONS MAP  
MONTEREY PENINSULA GROUNDWATER REPLENISHMENT PROJECT  
12-5-2013**



ALTERNATIVE SOURCE WATER SITE LOCATIONS

Denise Duffy and Associates, Inc.  
Planning and Environmental Consulting

**Monterey Peninsula**  
Groundwater Replenishment Project  
Providing a Safe and Sustainable Water Supply



**Pure Water Monterey**  
A Groundwater Replenishment Project

**Source Water Parties**

SOURCE	PARTY
Blanco Drain	SWRCB
Tembladero Slough	SWRCB
Reclamation Ditch	SWRCB
Regional Treatment Plant (Winter Wastewater)	Monterey County Water Resources Agency
Agricultural Wash Water	City of Salinas – Public Works
Salinas Stormwater Runoff	City of Salinas – Public Works
El Estero Stormwater Runoff	City of Monterey – Public Works