

Monterey Peninsula Water Management District

Water Supply Alternatives Workshop:

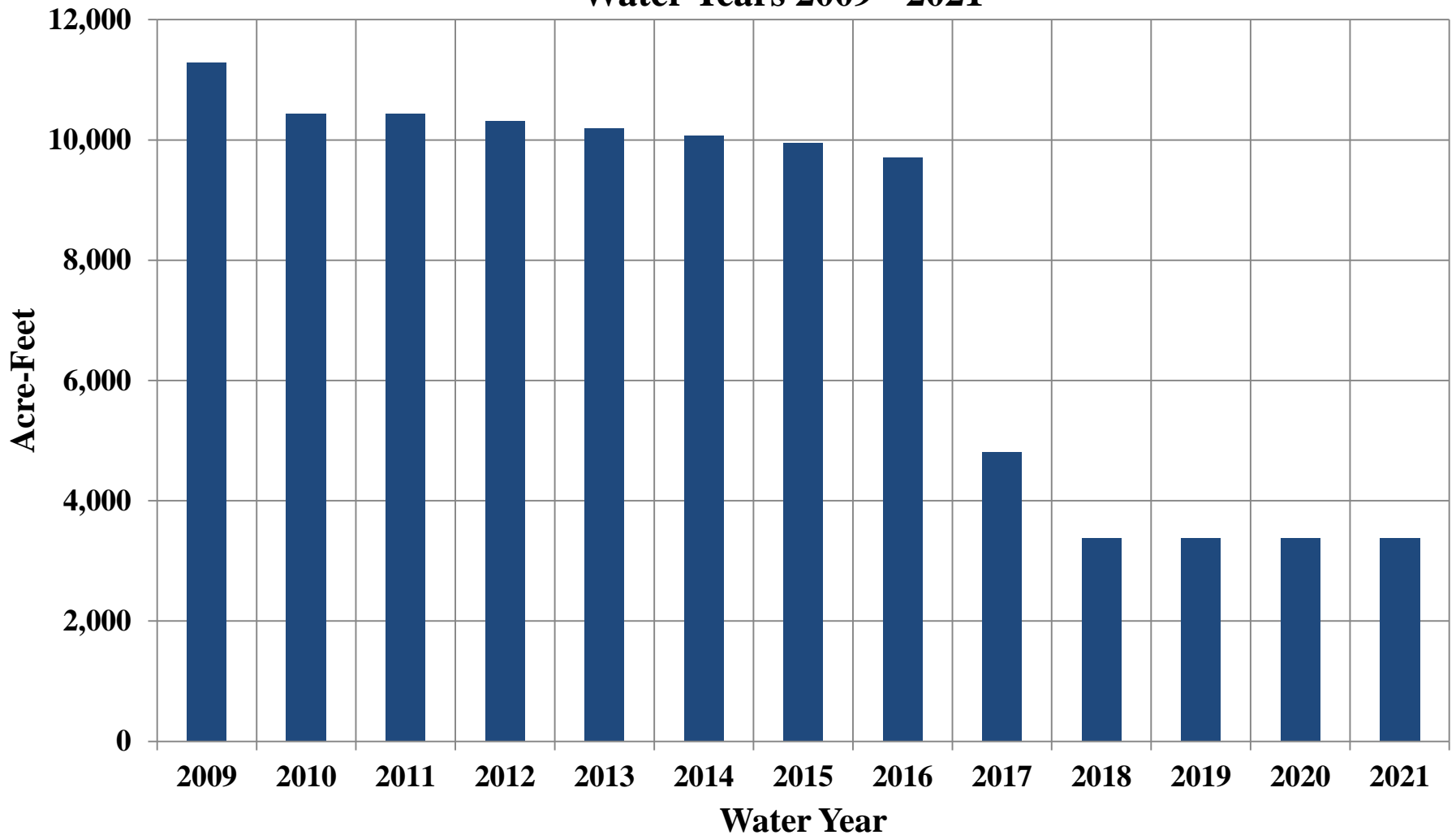
Overview of Water Supply Reductions Due to SWRCB Order 2009-0060 and Seaside Groundwater Basin Adjudication Decision

**Hyatt Monterey Ballroom
August 25, 2011**

Darby Fuerst, General Manager

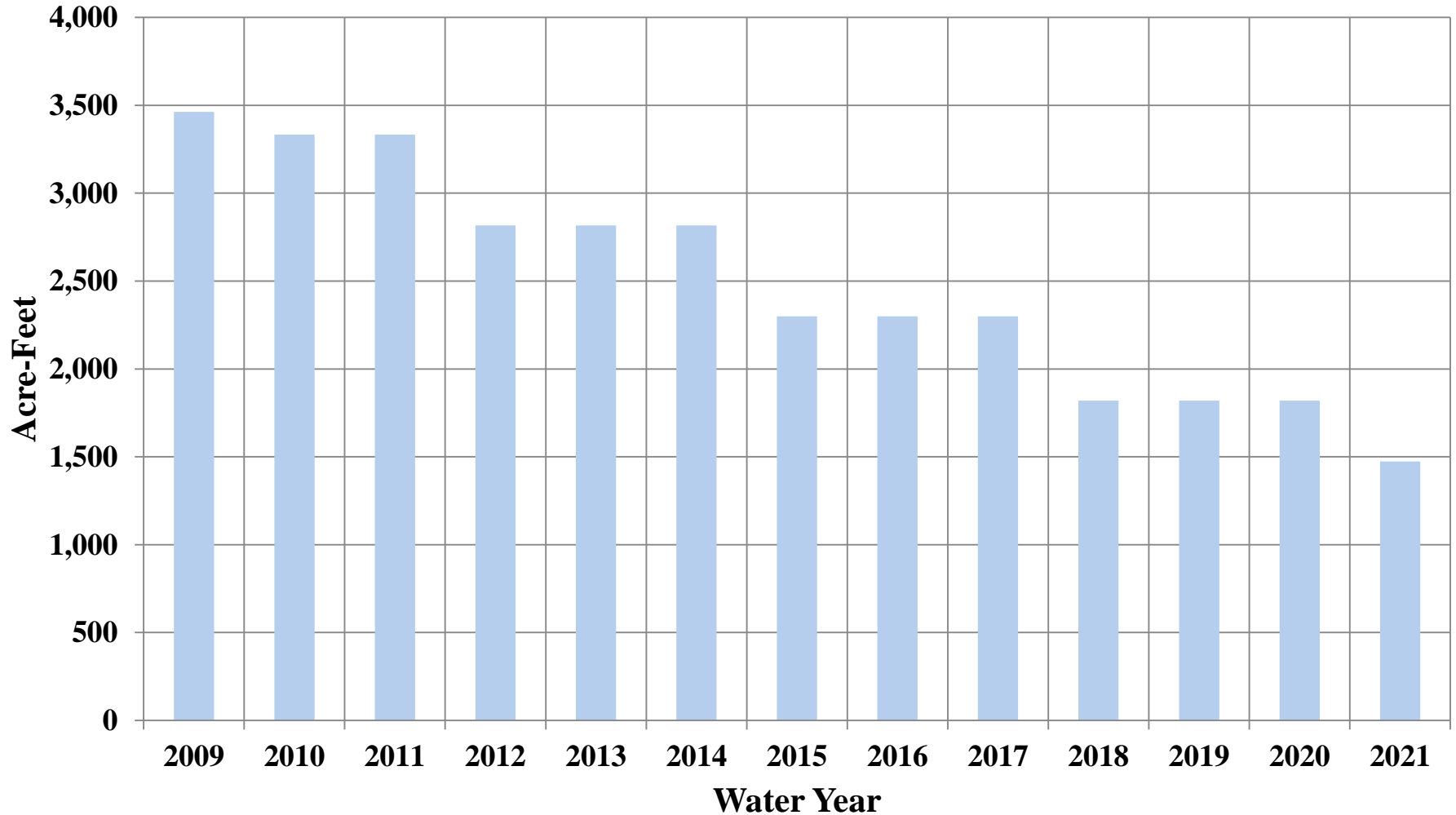
MPWMD Water Supply Alternatives Workshop: August 25, 2011

Cal-Am Allowable Production from Carmel River Sources: Water Years 2009 - 2021



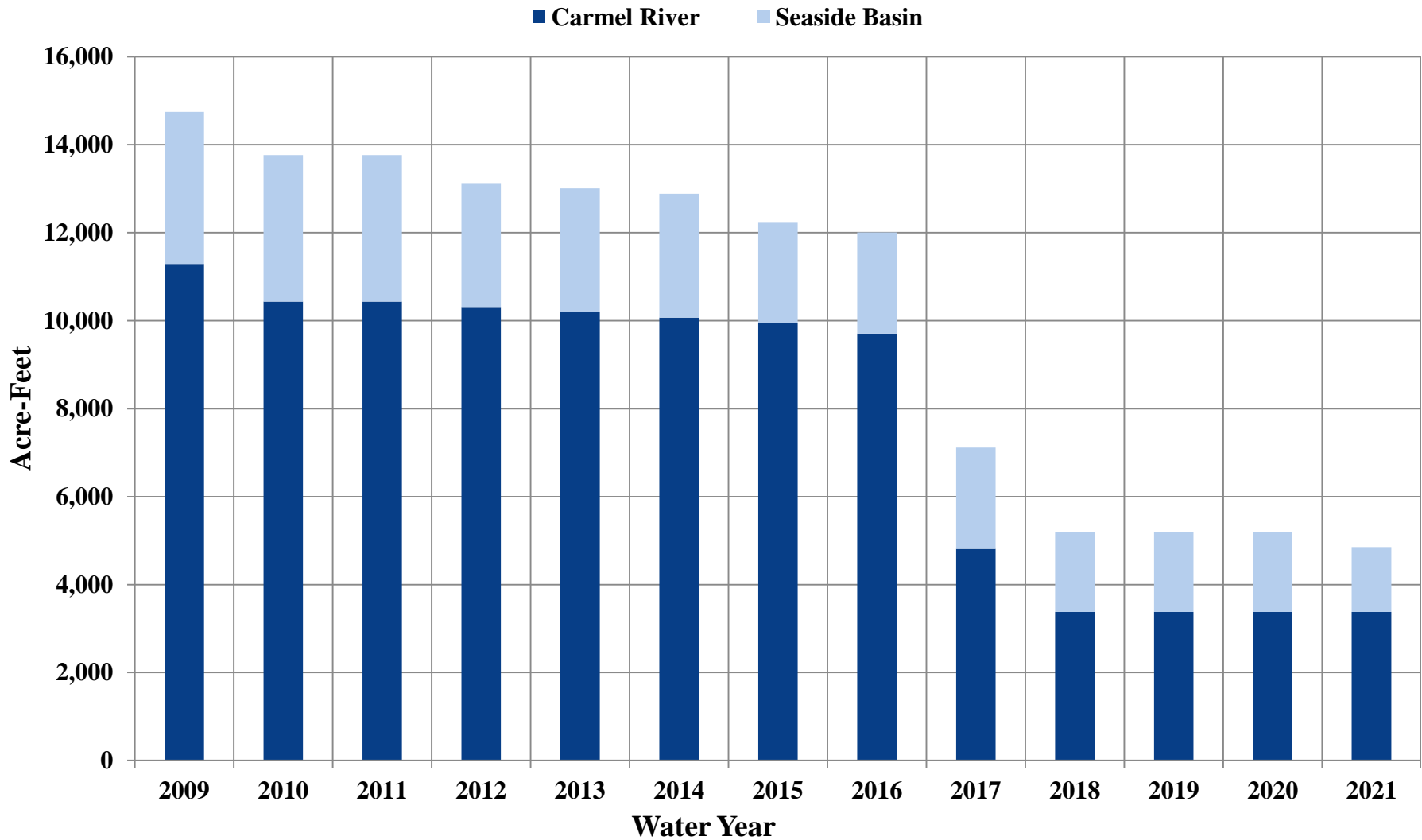
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Cal-Am Allowable Production from Seaside Basin Sources: Water Years 2009 - 2021



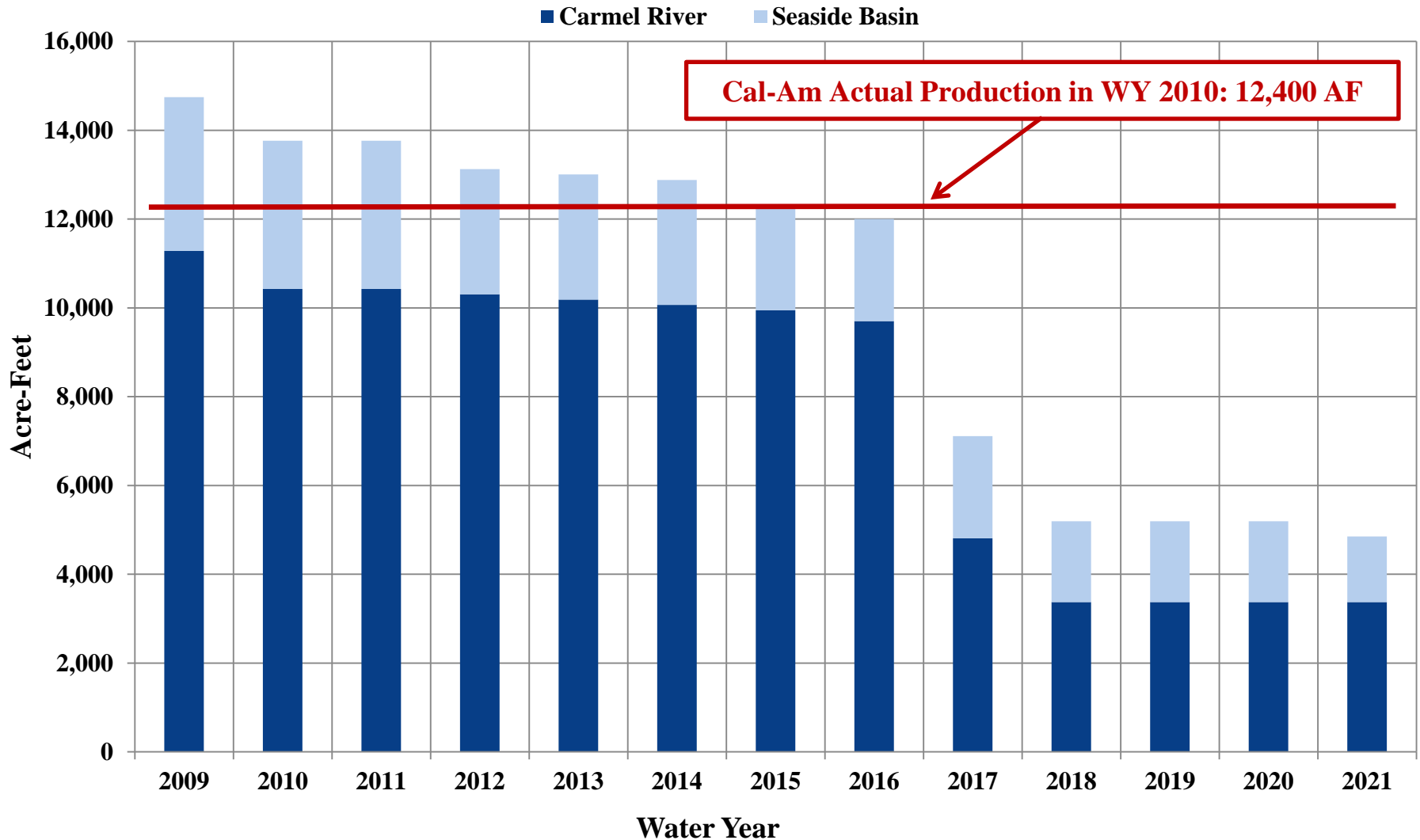
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Cal-Am Allowable Production from Carmel River and Seaside Basin Sources: Water Years 2009- 2021



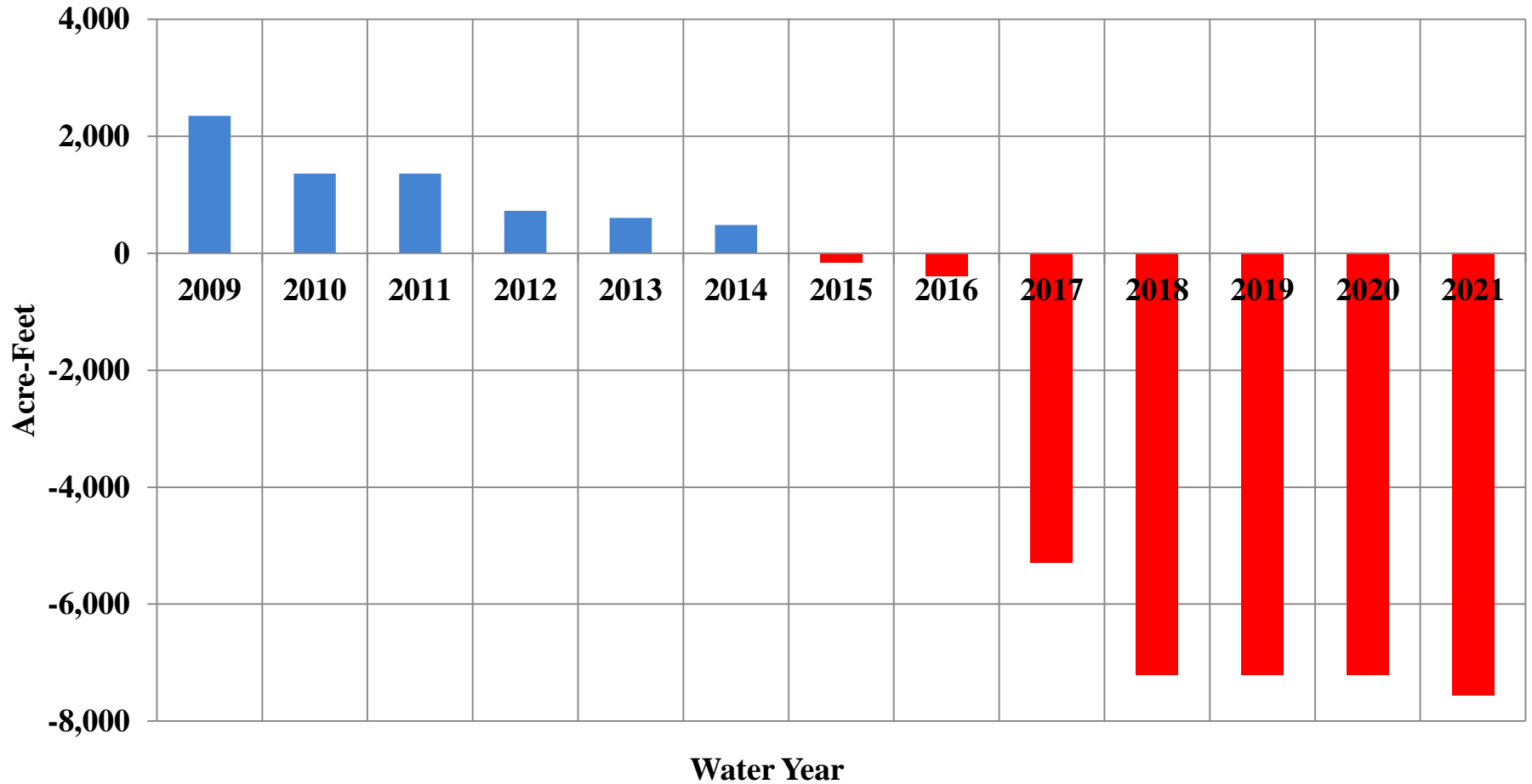
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Cal-Am Allowable Production from Carmel River and Seaside Basin Sources for Water Years 2009 - 2021 Versus Cal-Am Actual Production in WY 2010



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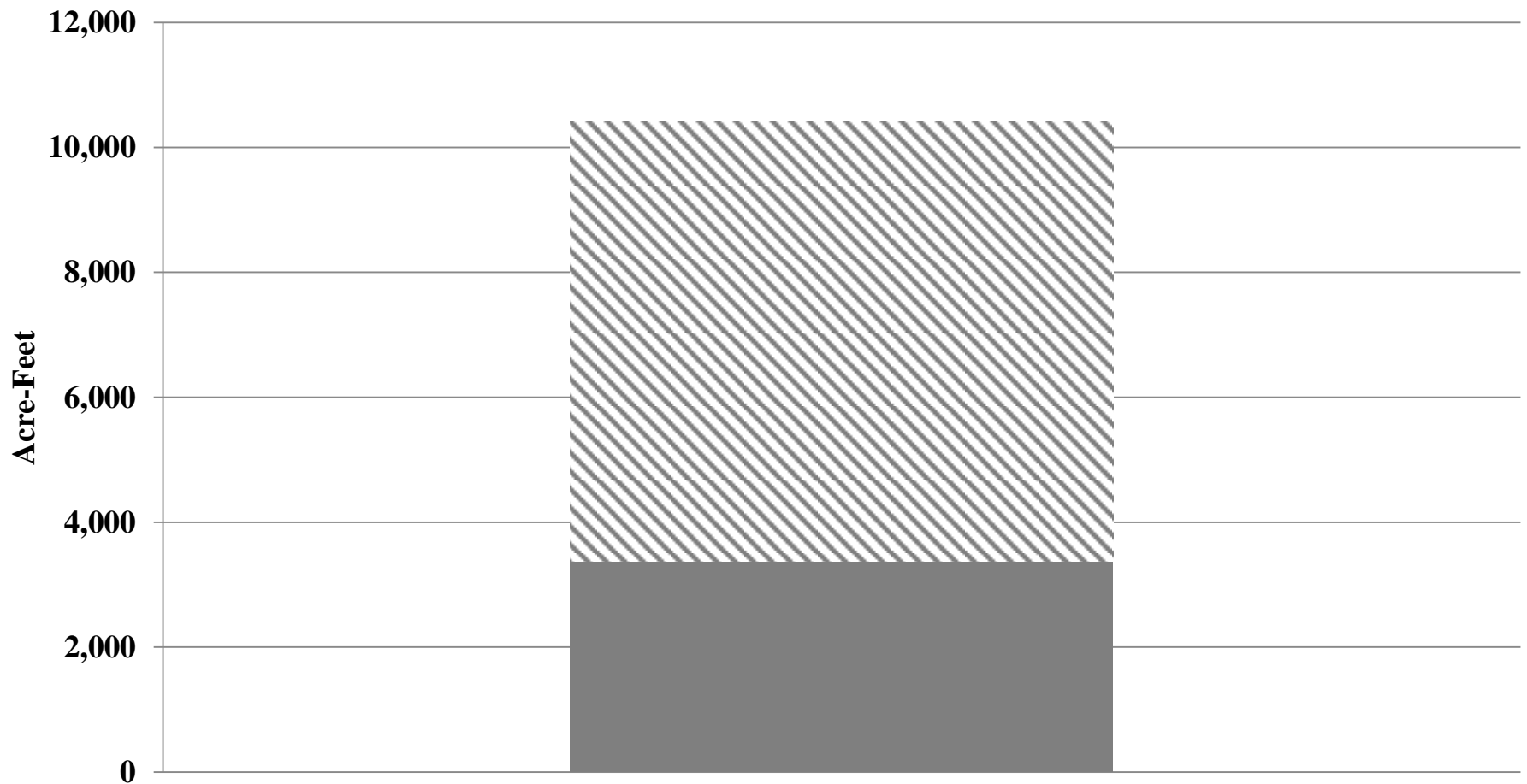
Cal-Am Allowable Production Surpluses and Shortages Relative to WY 2010 Actual Production: Water Years 2009 - 2021



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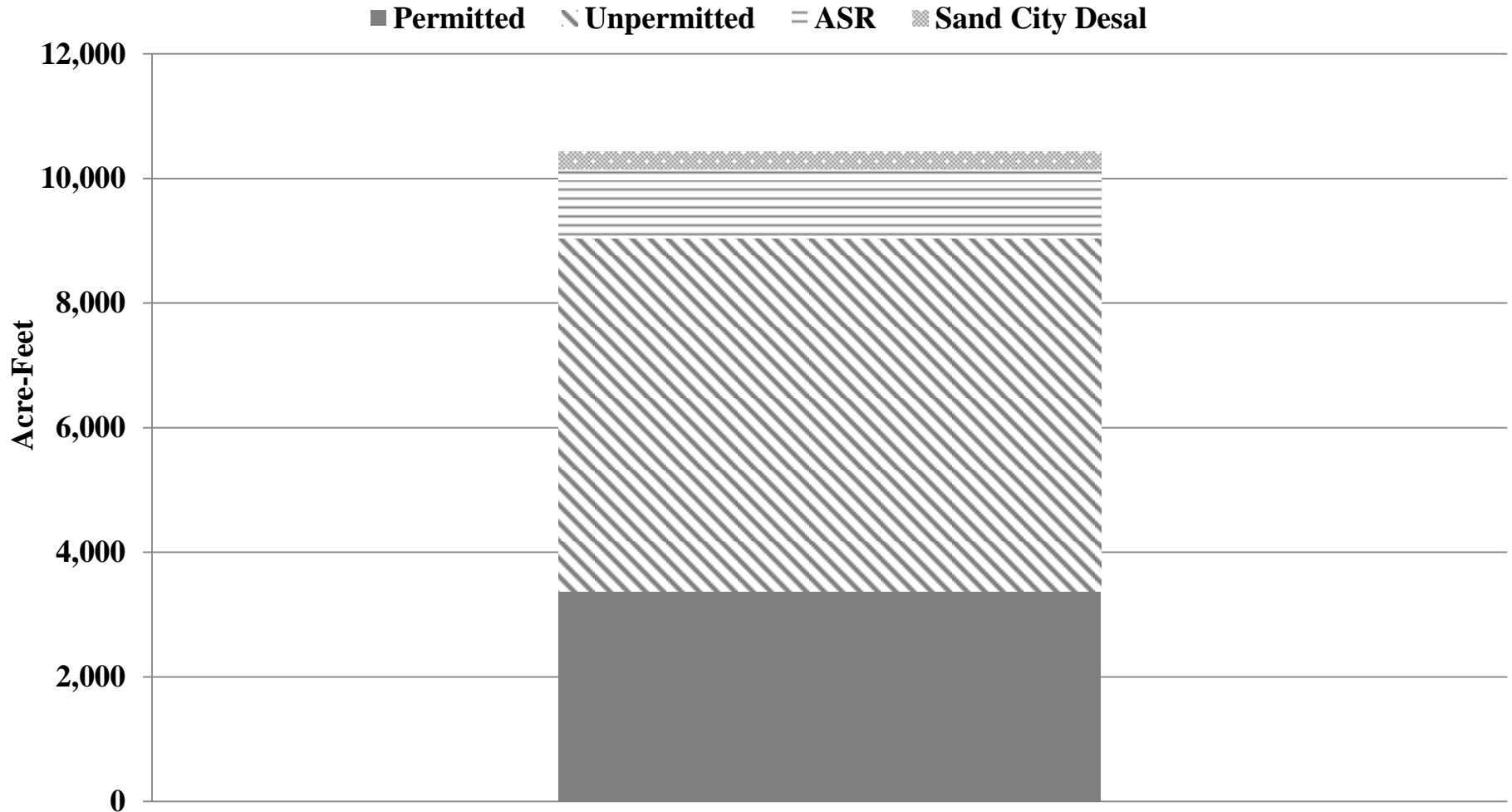
Permitted and Unpermitted Portions of Cal-Am's Allowable Production from Carmel River Sources in Water Year 2011

■ Permitted ◌ Unpermitted



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Permitted, Unpermitted, and Replacement Portions of Cal-Am's Allowable Production from Carmel River Sources in Water Year 2011



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Cal-Am Allowable Production for Customer Service and Required Regulatory Reductions: Water Years 2009-2021

(All Values in Acre-feet)

Water Year	Allowable Production			Required Reductions	
	Carmel River	Seaside Basin	Total	Annual	Cumulative
2009	11,285	3,462	14,747	---	---
2010	10,429	3,333	13,762	985	985
2011	10,429	3,333	13,762	0	985
2012	10,308	2,816	13,124	638	1,623
2013	10,187	2,816	13,003	121	1,744
2014	10,066	2,816	12,882	121	1,865
2015	9,945	2,299	12,244	638	2,503
2016	9,703	2,299	12,002	242	2,745
2017	4,813	2,299	7,112	4,890	7,635
2018	3,376	1,820	5,196	1,916	9,551
2019	3,376	1,820	5,196	0	9,551
2020	3,376	1,820	5,196	0	9,551
2021	3,376	1,474	4,850	346	9,897

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Cal-Am Allowable Production Surpluses and Shortages Relative to WY 2010 Actual Production: Water Years 2009-2021

(All Values in Acre-Feet)

Water	Total Allowable	WY 2010 Actual	Allowable Production
Year	Production	Production	Surpluses/Shortages
2009	14,747	12,400	2,347
2010	13,762	12,400	1,362
2011	13,762	12,400	1,362
2012	13,124	12,400	724
2013	13,003	12,400	603
2014	12,882	12,400	482
2015	12,244	12,400	-156
2016	12,002	12,400	-398
2017	7,112	12,400	-5,288
2018	5,196	12,400	-7,204
2019	5,196	12,400	-7,204
2020	5,196	12,400	-7,204
2021	4,850	12,400	-7,550