



Determining Program
Feasibility and Service Areas



Webinar
July 2, 2013



NFWF

Fundamental Question

Can we build an ILF Program for the Sacramento District under the 2008 Rule that will pay for itself and not expose the Foundation financially and legally?

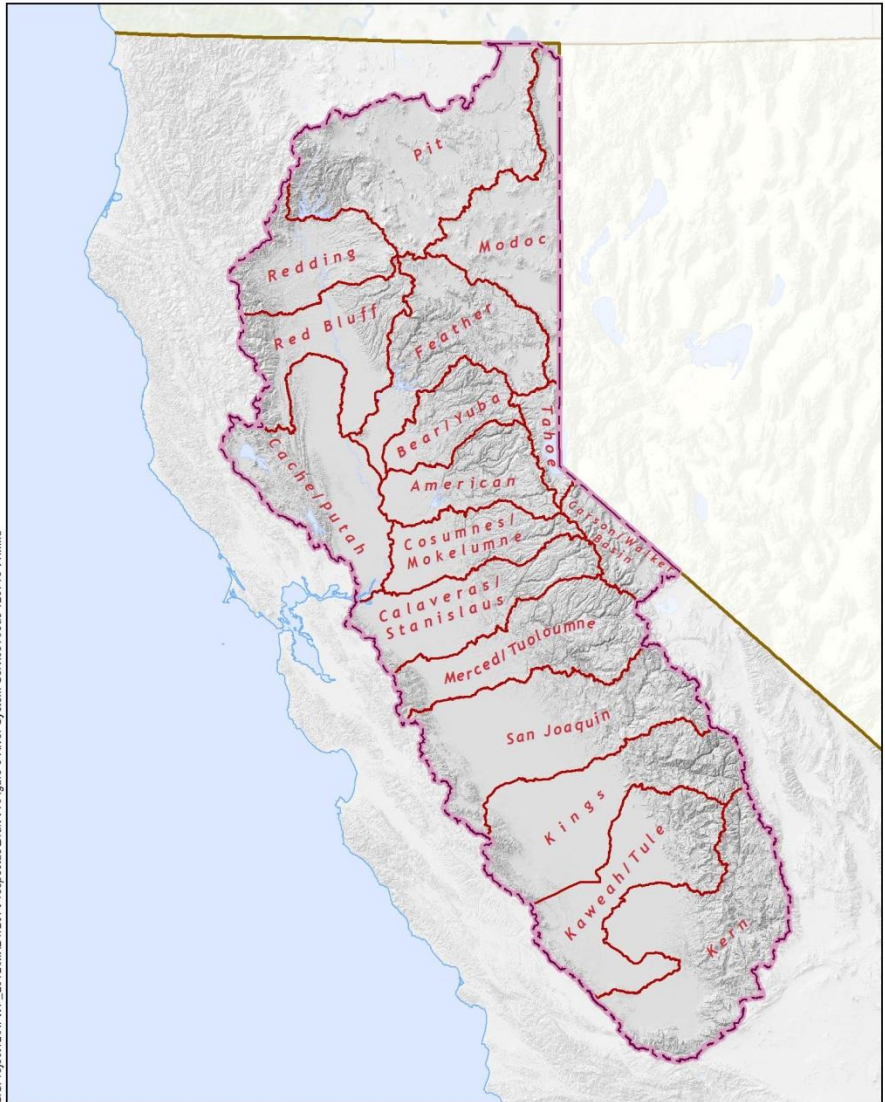
Key Analyses

1. Scope of Legal and Financial Liabilities
2. Market Analysis
3. Sizing of Service Areas
4. Cost Analysis
5. Credit Pricing

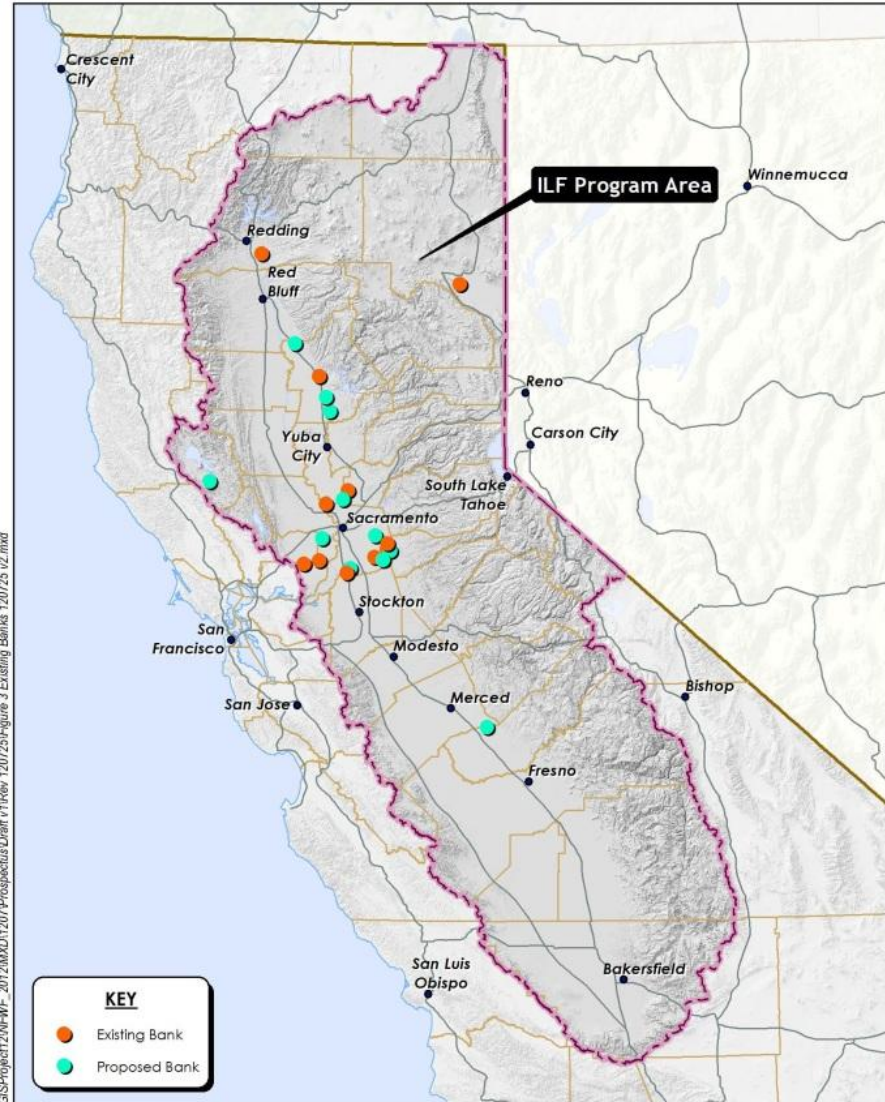
Historic 404 Wetland Impact/ Mitigation Trends

River Systems	2006	2007	2008	2009	2010	2011	2012	TOTAL
American	0.535	6.081	6.597	9.009	7.014	5.113	0.73	35.079
Bear/Yuba	0.49	1.015	0.582	0.586	0.21	0.09		2.973
Cache/Putah	0.27	82.265	2.474	0.553	1.429	2.222	0.695	89.908
Calaveras/Stanislaus		52.61	7.667	2.781	3.013	11.854	0.07	77.995
Carson/Walker Basin								0
Cosumnes/Mokelumne	3.38	1.996	14.144	8.324	11.51	3.015	0	42.369
Feather		5.7	16.715	3.022	0.873	0		26.31
Kaweah/Tule		0.239	1.846	0.306	0.83			3.221
Kern	0	0	0.6	0.014				0.614
King		0.301	0.331	0.12		0.2		0.952
Merced/Tuolumne		1.042	1.4	2.146	5.576	0.73		10.894
Modoc				0.22				0.22
Pit River Basin		0.1	1.696	0.014	0.48			2.29
Red Bluff		2.035	5.12	18.62	2.717	0	0	28.492
Redding	0	11.308	6.401	5.205	10.131	0	0.213	33.258
San Joaquin		0.2	1.019	1.815	1.441	2.795	0.086	7.356
Tahoe	0	0.218	0.38	7.536		0		8.134
TOTAL	4.675	165.11	66.972	60.271	45.224	26.019	1.794	

Service Areas and Mitigation Alternatives



G:\S\Project12\NEWFWF_20172\MXD\12071\Prospectus\Draft v1\Figure 5 River System Service Areas 120718 v1.mxd



G:\S\Project12\NEWFWF_20172\MXD\12071\Prospectus\Draft v1\Figure 3 Existing Banks 120725 v2.mxd

KEY

- Existing Bank
- Proposed Bank

Credit Pricing Considerations

Market Demand

- Sales Rate
- Mitigation Alternatives
- Cost Threshold/
Competition
- Large Sale Discounts?

Costs to Implement

- ILF Project Costs
- Timing to Secure
Sufficient Funding
- Complexity &
Contingencies
- Number of Permit
Obligations to Fulfill

Advance Credit Transfers, Revenue, and Credit Fulfillment

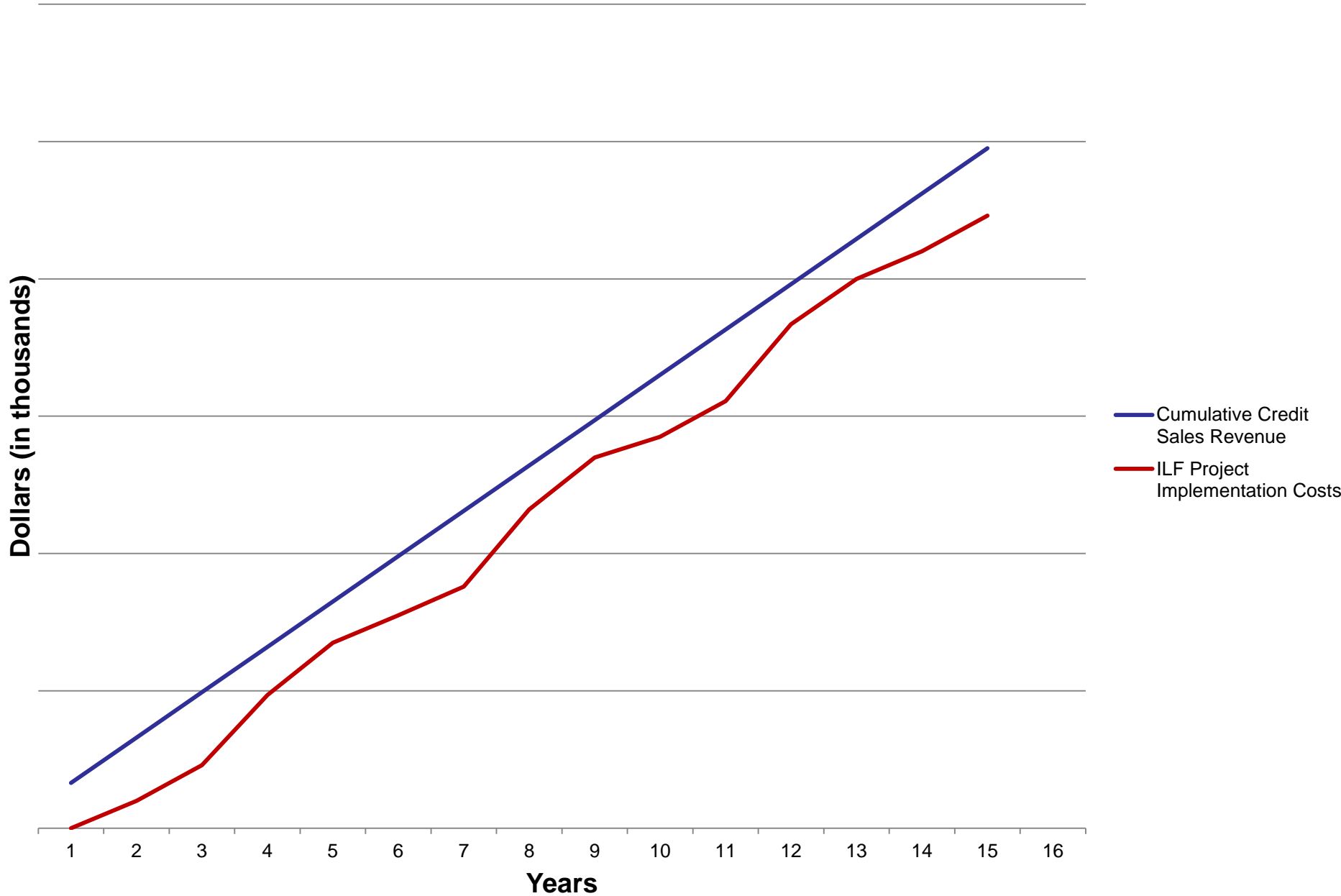
Sales rate	Year 1	Year 2	Year 3	Year 4	Year 5	Year 15	TOTAL
RS High	6	6	6	6	6	6	90
RS Med	4	4	4	4	4	4	60
RS Low	1	1	1	1	1	1	15
Total	11	11	11	11	11	11	165

River System							TOTAL
ILF Project Implementation Costs	-	1,000	1,300	2,550	1,900	1,300	22,300
Credit sale per year	1,650	1,650	1,650	1,650	1,650	1,650	24,750
Cumulative revenue - proj expenditure	1,650	2,300	2,650	1,750	1,500	2,450	

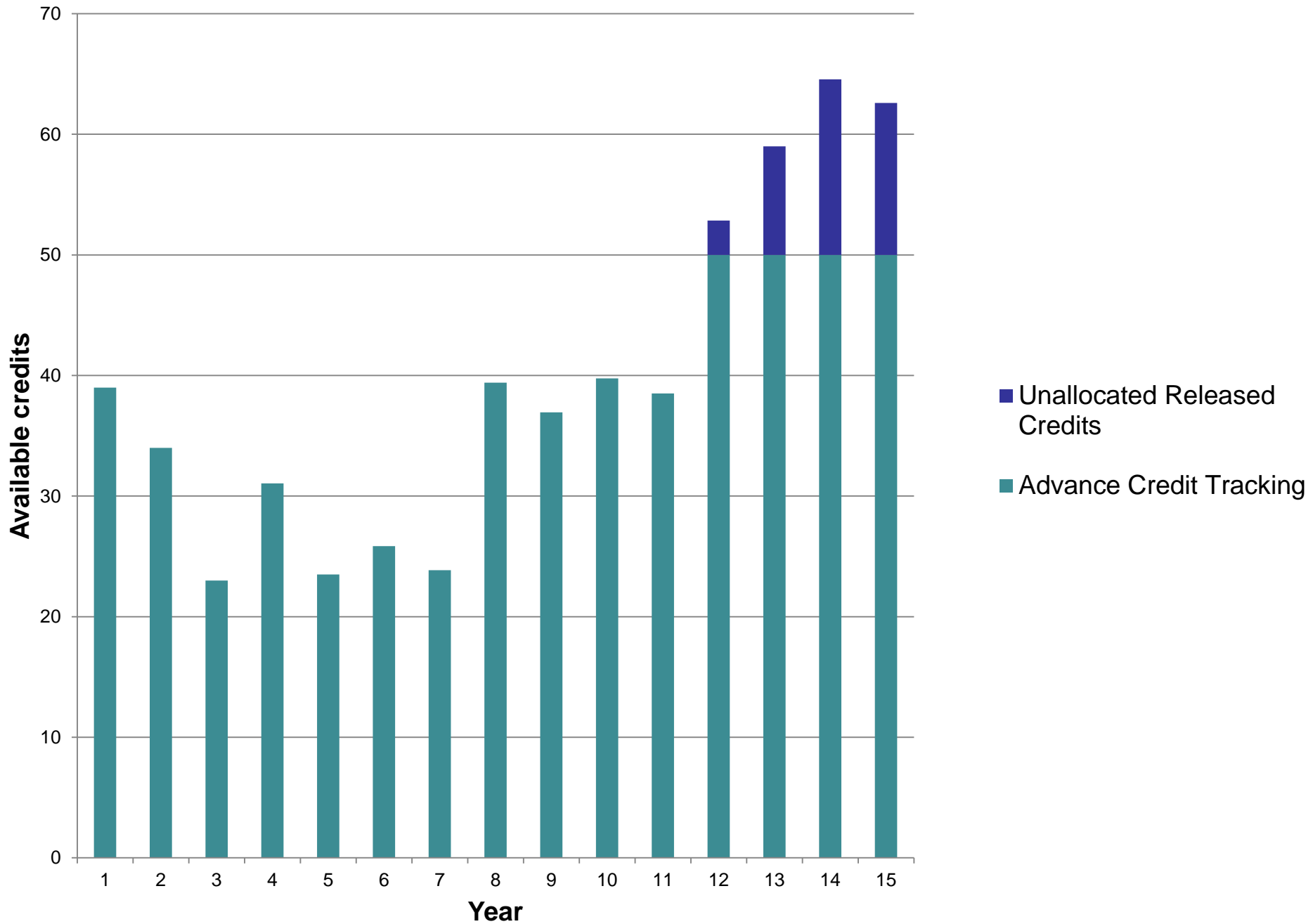
Credits Derived from Restoration		Number Proj in first 15 years	Credits generated	Total Credits Generated
River System	Credit/proj			
Low Cost	3	5	15	
Medium Cost	12	7	84	189
High Cost	30	3	90	



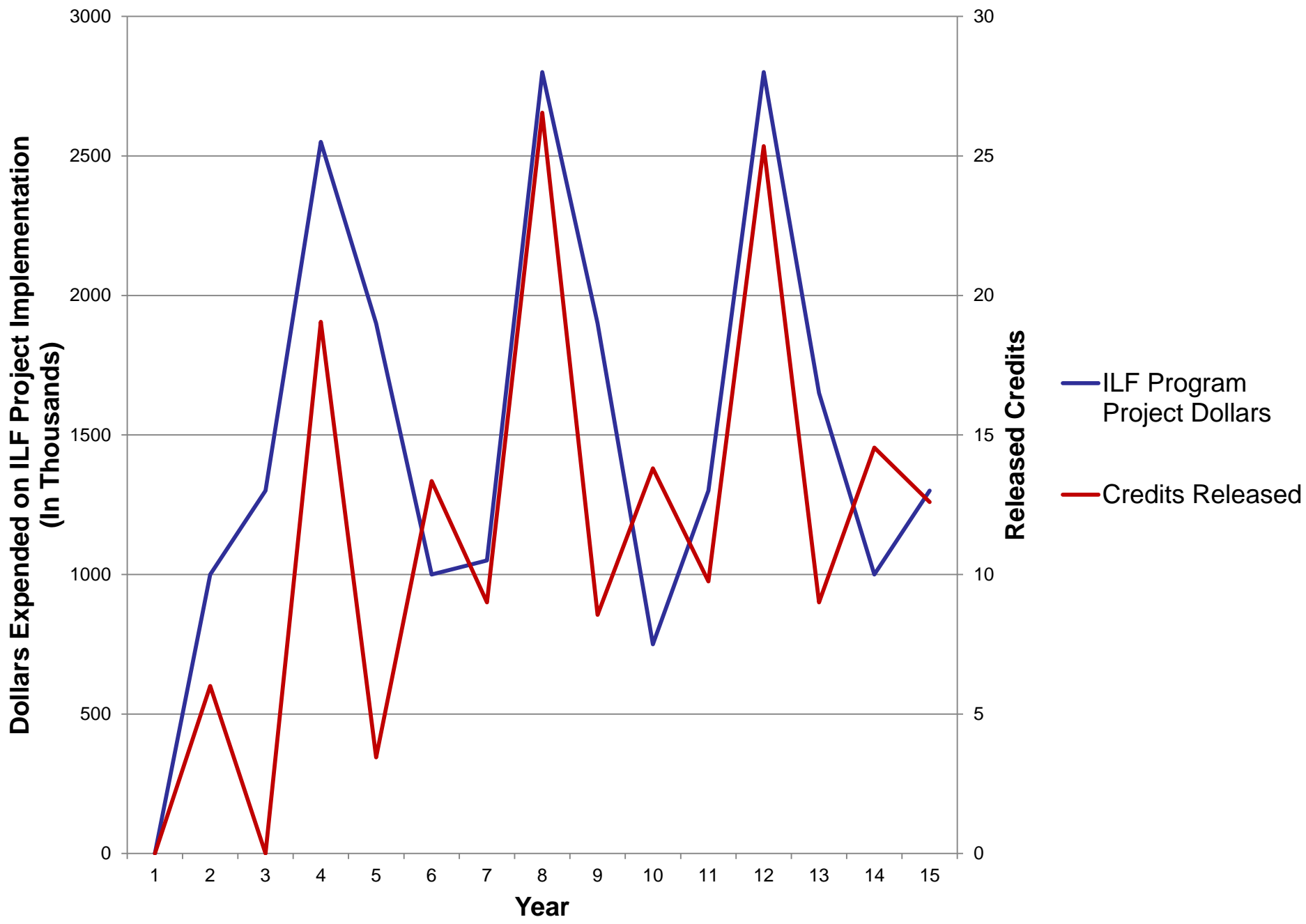
Advance Credit Revenue and Associated ILF Project Expenditures (Wetlands subset)



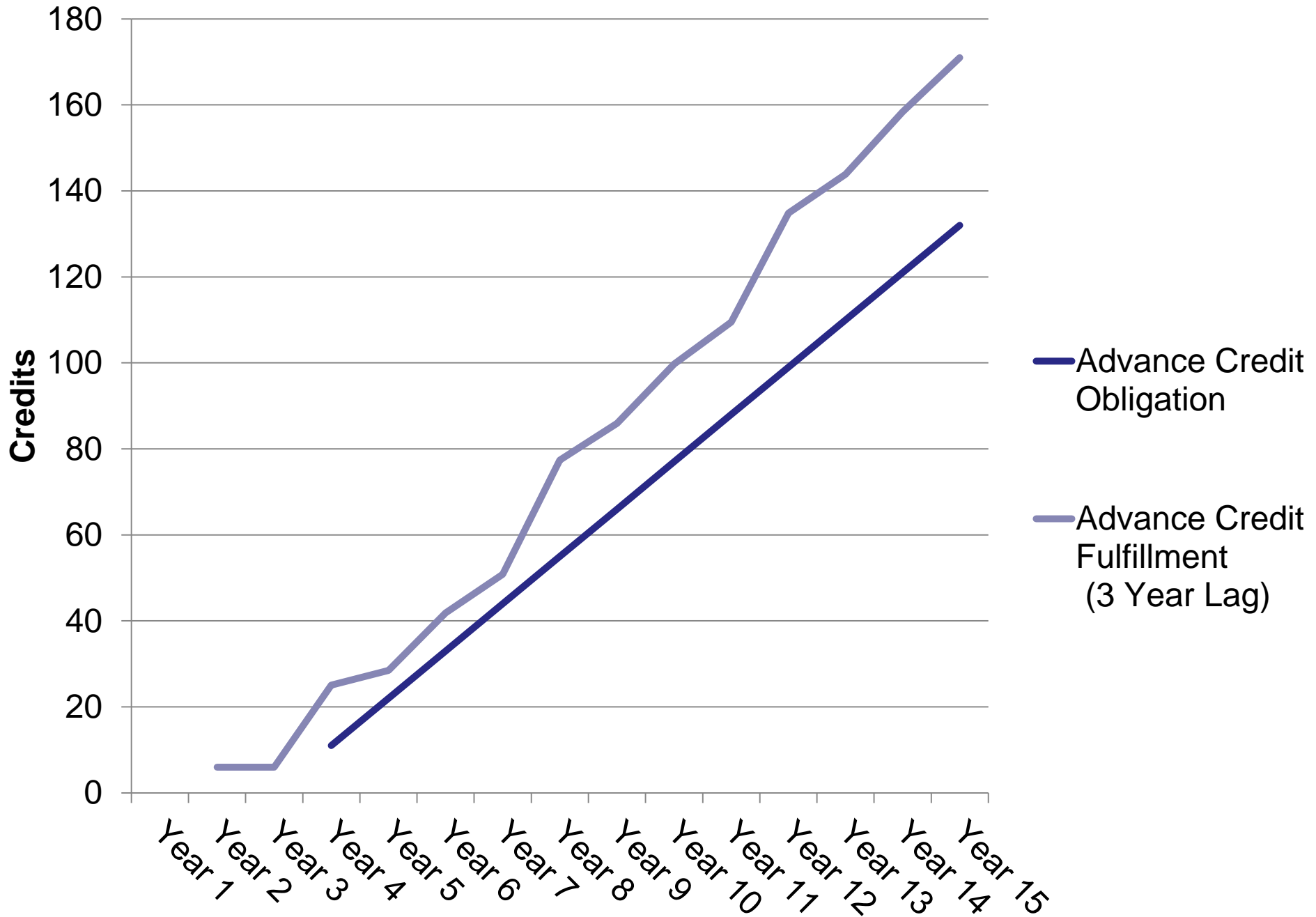
Advance and Released Credits



Released Credits Generated By ILF Project Implementation



Advance Credit Obligation & Rate of Fulfillment



ILF Program Operations

- What are the development costs for the ILF Program?
- How much will the ILF Program Cost to Implement (annually)?
- How much of the ILF Project work will be done by the Program Sponsor?
- Will the Admin Fee and applicable ILF Project dollars (appropriately utilized by the Sponsor) cover the cost of the Program?