

ESPA GWMA Advisory Committee – IGWA Allocation of Settlement Obligations

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Management Plan Formation Steps

1. Set plan goal
 - a. Stabilization/recovery/mitigation
2. Determine how success is measured
 - a. E.g. water level targets
3. Determine Conservation Target
 - a. Volume that can be allocated to reach desired goal
- 4. Allocation of Obligation**
 - a. Who participates and by how much
5. Measurement & Accountability
 - a. What counts?

Allocation of Obligations

1. Accountability Level
 - a. District, individual, other
2. Some Factors to Consider
 - a. Water right details
 - i. Priority
 - ii. Acres
 - iii. Volume
 - iv. Flow rate
 - v. Use type
 - vi. Combined/SW First
 - b. Usage
 - a. Irrigated acres
 - b. Historic usage
 - c. Capacity
 - c. Location
 - a. Growing season
 - b. Impact to targets
 - d. Other
 - a. Timing
 - b. Economics

District	Irrigation Baseline (AF)	Irrigated Acres	Baseline Irrigated ft/acre	WR Acres	Baseline WR ft/acre	Weighted Priority ²
AFA	281,580	136,640	2.09	143,896	1.96	1970-01-20
BIN	272,075	136,420	1.99	148,779	1.83	1964-10-21
BJ	150,367	85,816	1.75	92,796	1.62	1968-02-09
HF	39,060	29,451	-	-	1.33	-
JC	445,187	172,461	2.58	174,039	2.56	1959-03-29
MAD	76,919	59,500	-	-	1.29	-
MV	254,726	126,662	2.01	134,954	1.89	1964-03-28
NS	194,674	93,693	2.08	101,295	1.92	1969-02-13
1. all numbers unofficial, for demonstration only, irrigation rights & usage only 2. weighted by acres per priority, JC priority excluding Irr. Companies 1967-08-27						

Settlement Agreement

1. Goal = mitigation to SWC /increase in reach gains
2. Success measured by Sentinel Well level benchmarks & conservation volume
3. Conservation Target = 240,000 acre-ft
 - a. Negotiated volume partially justified by avg storage change volume
 - b. Overall goal included 250,000 af IWRB recharge
4. **Allocated to districts by % of total pumping of 2010-2014 average**
 - **10% of total pumping equals 24,000 acre-ft reduction requirement**
 - **Individual Districts allocated in various ways**
5. Measurement & Accountability through annual report and sentinel well index

IGWA Allocation to Districts

240kAF REDUCTION ALLOCATED BY DISTRICT

District	Current			% Share of 240kAF	Reduction			Benefit (ac-ft)
	CIR (ac-ft/acre)*	Acres*	Total AF		% Reduction	CIR Cap (ac-ft/acre)	Total AF	
A&B ID***	2.6	66,686	173,384	7.9%	10.9%	2.32	154,451	18,932
Aberdeen-American Falls GWD*	2.1	146,988	308,675	14.0%	10.9%	1.87	274,970	33,705
Bingham GWD*	2.3	134,083	308,391	14.0%	10.9%	2.05	274,717	33,674
Bonneville-Jefferson GWD*	1.9	91,086	173,063	7.9%	10.9%	1.69	154,166	18,897
Carey Valley GWD*	2.2	2,513	5,529	0.3%	10.9%	1.96	4,925	604
Fremont-Madison ID**	1.7	8,000	13,600	0.6%	10.9%	1.51	12,115	1,485
Jefferson-Clark GWD*	1.9	171,488	325,827	14.8%	10.9%	1.69	290,249	35,578
Madison GWD*	1.7	739	1,256	0.1%	10.9%	1.51	1,119	137
Magic Valley GWD*	2.6	189,990	493,974	22.5%	10.9%	2.32	440,035	53,939
North Snake GWD*	2.4	84,601	203,042	9.2%	10.9%	2.14	180,871	22,171
Raft River GWD*	1.8	11	20	0.0%	10.9%	1.60	18	2
Southwest ID**	2.4	79,655	191,172	8.7%	10.9%	2.14	170,297	20,875
TOTALS		975,840	2,197,933	100%			1,957,933	240,000

*From IDWR 5/28/2015 ("SWC Delivery Call Settlement & Term Sheet")

**Acres reported to IGWA by District; FMID assigned same CIR as MGWD; SWID assigned same CIR as NSGWD

***Acres from A&B delivery call; assigned same CIR as MVGWD

Version provided by IDWR from document created in May 2015

IGWA Allocation to Districts

Preliminary Analysis - Reduction by Usage									
	<u>CIR 7-20-15</u>					<u>Usage**</u>			
	AF/Yr	District % Total	AF Reduction	% Reduction		AF/Yr	District % Total	AF Reduction	% Reduction
American Falls	303,532	13.6%	32,541	10.7%		254,777	12.5%	30,111	11.8%
Bingham	469,143	21.0%	50,296	10.7%		379,429	18.7%	44,843	11.8%
Bonneville	117,800	5.3%	12,629	10.7%		144,925	7.1%	17,128	11.8%
Carey	7,995	0.4%	857	10.7%		2,166	0.1%	256	11.8%
Jefferson Clark	333,467	14.9%	35,750	10.7%		311,293	15.3%	36,790	11.8%
Fremont-Madison*	13,600	0.6%	1,458	10.7%		8,651	0.4%	1,022	11.8%
Madison	86,448	3.9%	9,268	10.7%		6,530	0.3%	772	11.8%
Magic Valley	332,327	14.8%	35,628	10.7%		253,858	12.5%	30,002	11.8%
A&B	173,384	7.7%	18,588	10.7%		174,399	8.6%	20,611	11.8%
North Snake	209,758	9.4%	22,488	10.7%		179,846	8.9%	21,255	11.8%
Raft River	20	0.0%	2	10.7%		651	0.0%	77	11.8%
Southwest	191,172	8.5%	20,495	10.7%		108,044	5.3%	12,769	11.8%
In district, not reported by Dist.	?	0.0%	-	0.0%		160,606	7.9%	18,981	11.8%
Out of District	?	0.0%	-	0.0%		45,529	2.2%	5,381	11.8%
Total:	2,238,646	100.0%	240,000	10.7%		2,030,704	100.0%	240,000	11.8%

*Assumed all wells within boundary are part of district.

**ESPA only, includes commercial/stock/multiple use domestic.

IGWA Allocation to Districts

	Allocation Baseline	% of Total Baseline	Target Conservation	% Reduction		Current Baseline	% Reduction
American Falls-Aberdeen	271,989	14.0%	33,715	12.4%		283,815	11.9%
Bingham	282,476	14.6%	35,015	12.4%		277,011	12.6%
Bonneville-Jefferson	147,337	7.6%	18,264	12.4%		158,133	11.5%
Carey	5,671	0.3%	703	12.4%		5,671	12.4%
Jefferson-Clark	438,634	22.7%	54,373	12.4%		445,393	12.2%
Henry's Fork	43,491	2.2%	5,391	12.4%		73,901	3.5%
Madison		0.0%				78,095	
Magic Valley	261,877	13.5%	32,462	12.4%		256,188	12.7%
North Snake	205,501	10.6%	25,474	12.4%		208,795	12.2%
A&B4	174,735	9.0%	21,660	12.4%		174,735	12.4%
Southwest ID	104,417	5.4%	12,943	12.4%		104,417	12.4%
Total:	1,936,128		240,000			2,066,154	

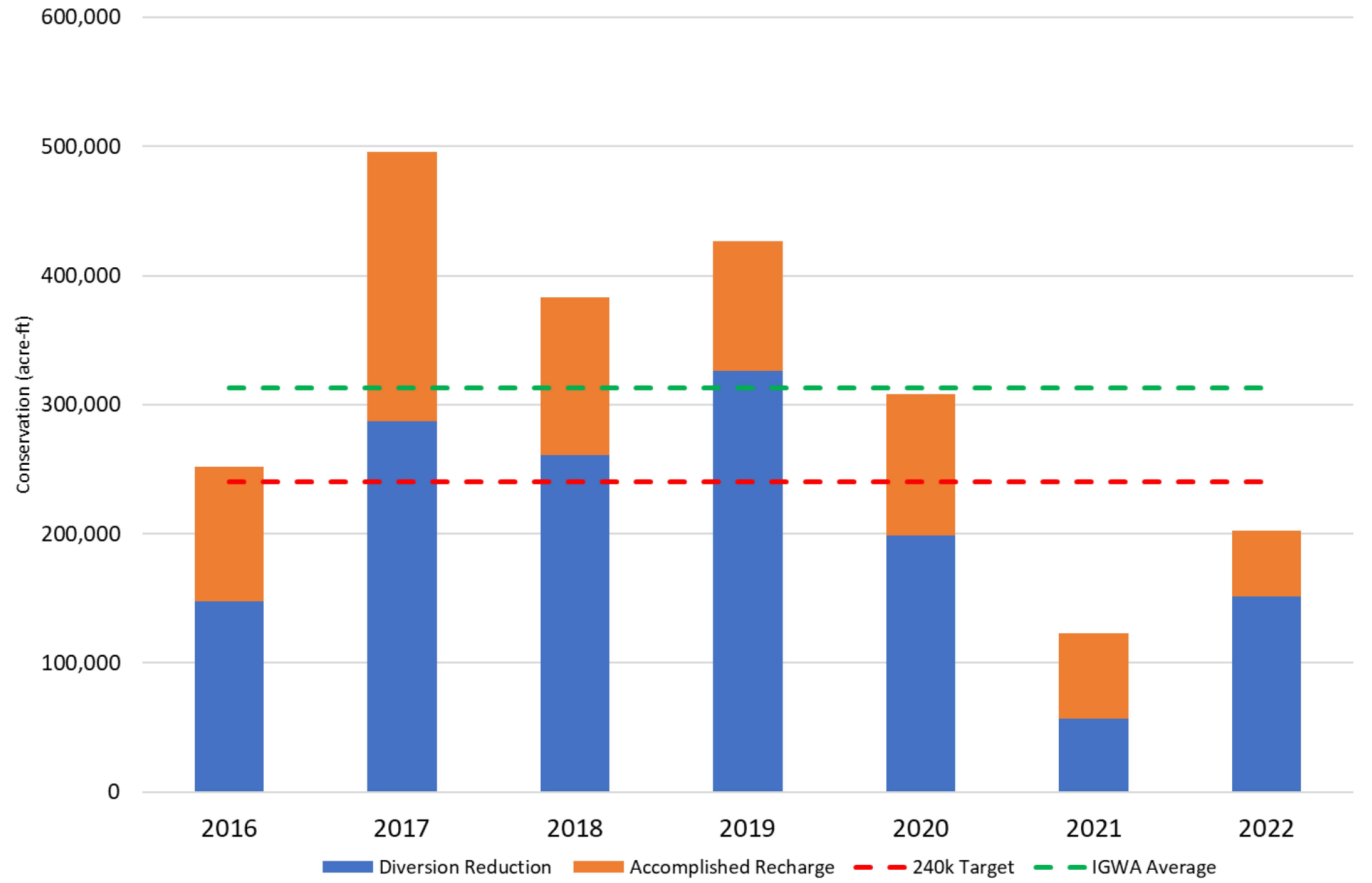
Version from 2023 Settlement Report

District Reduction/Allocation Plans

- Collective (recharge/wet water delivery)
 - Henry's Fork, Madison, Bingham (later changed)
- Tiered Allocation
 - Aberdeen – American Falls, Bonneville-Jefferson, Magic Valley, North Snake, Bingham
- Tiered Reduction from Baseline
 - Jefferson-Clark
- % Reduction
 - Carey

IGWA Districts - Allocation Structure (as of 2022)				
	# of Tiers	Allocations (af/acre)	Minimum Reduction	Maximum Reduction
American Falls-Aberdeen	3	1.58, 1.7, 2.0	0%	22%
Bingham	10	0.92 to 2	0%	100%
Bonneville-Jefferson	10	1.23 to 1.97*	10%	20%
Carey	0	-	12.4%	12.4%
Henry's Fork/Madison	provide 1500 af wet water & 3,000 af recharge			
Jefferson-Clark	70	-	3.2%	17.5%
Magic Valley	3	0	0%	100%
North Snake	3	2.0, 2.2, 2.4	0%	50%
*5% difference between each tier				

IGWA Settlement Agreement Conservation



■ Diversion Reduction ■ Accomplished Recharge - - 240k Target - - IGWA Average

*majority of 2021 recharge water provided as storage water directly to SWC members

