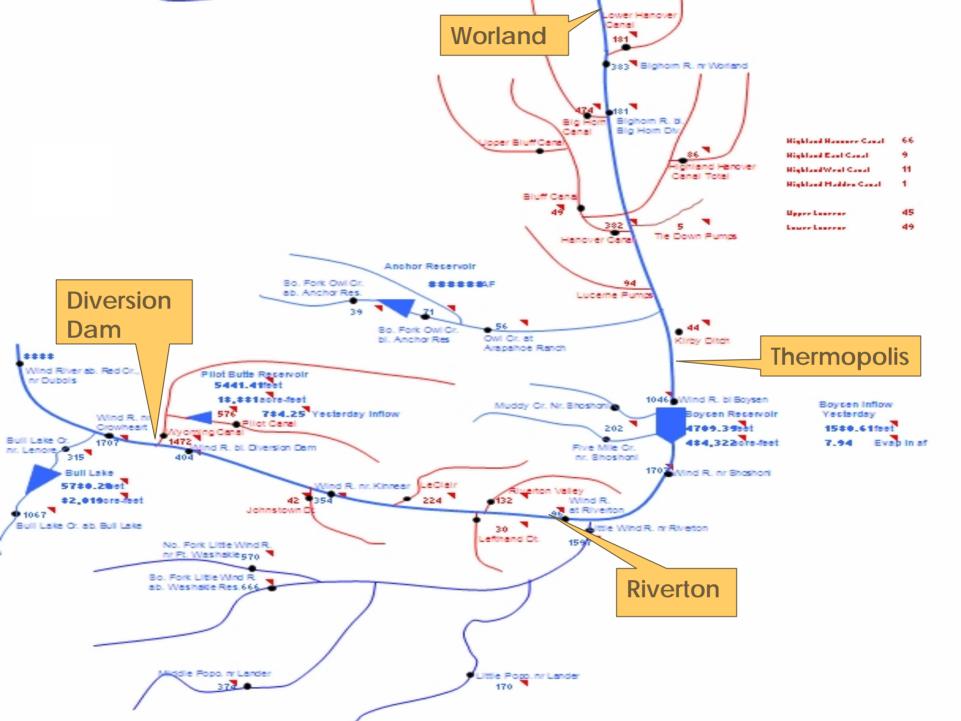
Administration of Water Rights on the Big Horn River System

Loren Smith, Superintendent Water Division III

Presentation to Big Horn River Long-term Issues Group

June 8, 2007





Big Horn Basin Administration

Modeled Shortages considering a full supply to all permitted rights

	Full Supply Diversion	Shortages (ac-ft)		Shortages (percent)	rcent)		
Basin	(ac-ft)	Dry	Normal	Wet	Dry	Normal	Wet		
Clarks Fork	106,293	30,402	18,786	11,645	29%	18%	11%		
Yellowstone	0	0	0	0	0%	0%	0%		
Sub-Total	106,293	30,402	18,786	11,645	29%	18%	11%		
Upper Wind	933,909	192,930	54,067	43,948	21%	6%	5%		
Little Wind	344,734	97,916	38,741	29,206	28%	11%	8%		
Lower Wind	80,635	20,537	15,839	11,634	25%	20%	14%		
Sub-Total	1,359,278	311,384	108,648	84,788	23%	8%	6%		
Upper Bighorn	329,300	12,220	7,499	5,450	4%	2%	2%		
Owl Creek	116,769	39,790	24,919	19,590	34%	21%	17%		
Nowood	117,327	7,482	5,273	3,362	6%	4%	3%		
Lower Bighorn	170,209	26,747	11,169	6,943	16%	7%	4%		
Greybull	505,395	172,142	47,001	29,905	34%	9%	6%		
Shoshone	829,711	29,097	18,348	9,801	4%	2%	1%		
Sub-Total	2,068,711	287,478	114,210	75,050	14%	6%	4%		
Total	3,534,282	629,263	241,644	171,483	18%	7%	5%		

Notes:

- (1) Shortages are for historical Full Supply Conditions without Futures projects.
- (2) The modeled shortages do not include releases from Greybull Valley Reservoir.

Wind/Big Horn basin plan executive summary

Big Horn Basin Administration

- Irrigation season accounting.
 - When system is not in a surplus water condition
 - Voluntary process and compliance by canals
 - Only affects the major diverters but accounts for use by all diversions from the main stem.
 - Based on priorities
 - Accounts tribal water use on diversions below Diversion Dam.

- Irrigation accounting system operational from April 1 through October each year
- Accounting diversions between Diversion Dam and Worland
- Mix of Burec and Private Irrigation
 Districts
- Burec Accounting Year vs. Non-Accounting years

- Accounting Program includes 9 sheets of data and multiple graphs
- Requires Daily input of 30 data values
- Daily web posting of diversion rates
 - http://seo.state.wy.us/Wind_BigHornFlows/Division3.pdf
- Multiple primary goals:
 - Tracking usage above Boysen to meet SE order of equal access to water
 - Tracking of storage use for Burec contracts

UPPER WIND RIVER BASIN ACCOUNTING

MV LC R

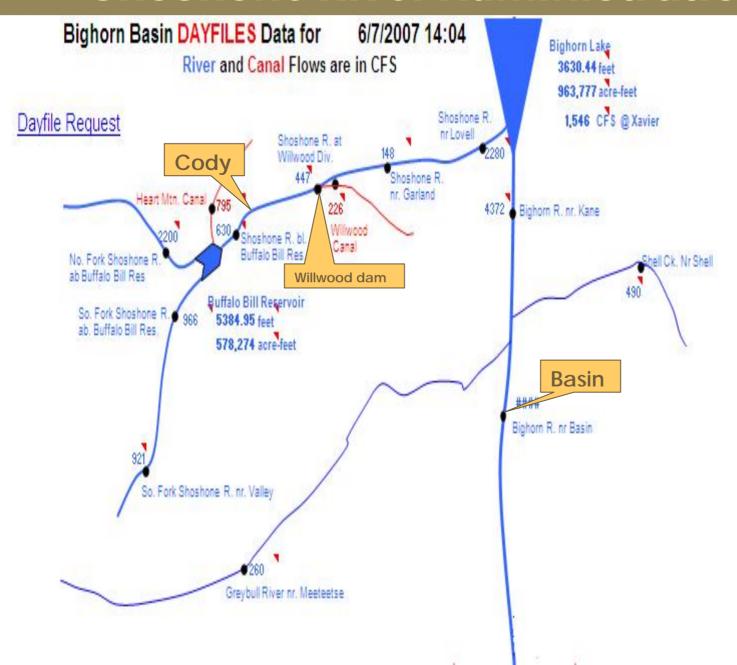
or the transport of the control of t

	From Configuration。如何是不是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一																																
	1		Molt; + p	Grania, Tertae		5		2 SF 2 18 S	g	<u>[lsrk</u>]	lal seasona i sa 10		2 5 (3 8)	13		tal seasonal usane)			- 10	20	24			14	26	25	27	70	20	20	31	22	
			Bull Lake			Bull Lake			- 8			Wyoming				15	16		RWTP	LeClair	21		1	Riverton		26	- 21	Vilnd River		- 30			- 33
	Bull Lake Creek Above		Outflow	Creek Below	Wind River @ Crowheart	Storage	Creek Below		Total Supplus		Buil Lake Storage	Canal Diversion	Inflow	Pilot Butte Outflow	Storage	MID Surplus		Bull & Pilot	From LeClair	Canal Total Diversion	LeClair	LeClair Surplus	LeClair % of TNF use	Diversion	Riverton Valley	RVID surplus		Bridge	Wind River @ Kinnear	Hurtado		Ditch	Leftha Ditcl
10/1/2006	(BLAY) 82.21	Inflow (BLR) 75.74		(BLCK) 97,29	(WIRCH) 399 45	Water 15.32	Direct Flow 81.97	Flow 384.13	Available 9.00	Supply 384.13	Release 0.00	(WYCY) 0.00	(PBR) 0.00	(PBR) 0.00	Release 0.00	Available 0.00	(75%) 0.00	928 0.00	Canal (mgd)	(LCCY) 0.00	Storage ⊔se	Available 0.00	(15.4%) 0.00	(RVCY) 0.00	Storage Use	2vallable 0.00	use (8.5%) 0.00	(WRWD) 416.68	(NVRKY) 463,80	Ditch 0 00	Aragon Ditch 0 00	(YMHL) 0 00	(FHD)
10/2/2006	80.83	75.89	54.10	73.69	375 52	0.00	73.69	375.52	6.00	375.52	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00		0.00	0.00	393.99	476.64	0.00	0.00	0.00	0.00
10/3/2006	83.31 84.22	82.72 94.40			339.91 386.01	16.80 16.43	Q.QD	323.11 369.58	0.00	323,11 369,58	0.00	0.00	0.00	0.00	0.00	0.00	0.00 0.00	0.00		0.00		0.00 0.00	0.00	0.00		00,0 00.0	0.00	345.35 391.99		0.00	0.00	0.00	0.00
	97.62 115.72	126 87	29.08	21.81	388 56 395 13	16.81 10.00	0.00	371.75 378.47	9.90	371.75 378.47	9,00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00		0.00	0.00	403,66 415,65	452,50	0.00	0.00	0.00	0.00
10/7/2006	169.58	148.81	29.22	21.56	406.36	16.56	0.0D	369.90	6.08	369.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	00.0		0.00		0.00	0.00	0.00		0.00	0.00	442.14	469.02	0.00	0.00	0.00	0.00
10/8/2006	199 07	225.45 246.85	29.47	22.25 23.75	426.12 469.58	17.25 18.75	Q.QD	408.87 450.83	9.00	408.87 450.83	9.00	0.00	0.00	0.00	0.00	0.00	0.00 0.00	00.0		0.00		0.00	0.00	0.00		00.0	0.00	461.08 510.16	484.85 530.47	D0.00 D0.0	0.00	D.D0 D.D0	0.00
10/10/2006 10/11/2006	189 94 176.94	204 54 184.39		21.86 19.72	493 06 464.97	16.86 14.72	0.00 0.00	466.20 450.25		456.20 450.25	0.00 8.00	0.00	0.00	0.00	0.00	0.00	0.00 0.00	0.00 00.0		0.00		0.00	0.00	0.00		0.00	0.00 00:0	540.90 N/A	567.50 533.79	0.00	0.00	0.00	0.00
10/12/2006	163.15	162.90	30.87	20.36	469.D0	15.36	0.00	453.64	0.00	453.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		00.0	0.00	0.00		0.00	0.00	N/A	549.56	0.00	0.00	D.DQ	0.00
10/13/2006 10/14/2006	140 73	164 05 152 83	31.58	22.00 22.15 22.18	451 52 441 77	17.00 17.15	0.0D 0.00	434.52 424.62	9.00 0.00	434.52 424.62		0.00	0.00	0.00	0.00	0.00	D.0G 0.00	0.00		0.00		0.00	0.00	0.00 0.00		0.00 000 00.0	0.00	N/A N/A	525.73 520.58	0.00	0.00	0.00	0.00
10/15/2006	131.48 124.54	142.13 142.22	31.66 31.75	22.18 22.00		17.18 17.00	0.0b 0.0b	415.33 399.86	8.06 0.00	415.33 399.86	9.00		0.00 00.0	0.00	0.00	0.00	0.00	0.00		0.00		0,00	0.00	0.00		0.00	0.00	N/A N/A	501.80 486.63	0.00	0.00	0.00	0.00
10/17/2006 10/18/2006	119.31	108.88	31.81	24.49	431.46	19,49	0.00	411.97 493.83	0.00	411.97	0.00	0.00	0.00	0.00	0.00	0.00	D.0G 0.00	0.00		0.00		0.00	0.00	0.00		0.00	0.00	N/A	490.23 499.73	0.00	0.00	0.00	0.00
10/19/2006	107 54	96.00	29.72	26.30 25.71	382 87	21.30 20.71	0.00	362.16	8.00	362.16	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00		0.00	0.00	N/A	454.37	0.00	0.00	0.00	0.00
10/20/2006 10/21/2006	105.34	105.99 107.49	26.78 26.63	24.28 24.06	400.46 415.55	19.28 19.06	0.0D 0.0D	381.1B 396.49	0.00	381.18 396.49	0.00		0.00	0.00	0.00	0.00	0.00 0.00	0.00		0.00	\vdash	0.00		0.00		0.00	0.00 00.0	N/A N/A	455.97 481.95	0.00	0.00	0.00	0.00
10/22/2006 10/23/2006	101 11 97 90	107 00		24.02	386 51 370 79	19.02	0.00	367,49 352,84	6.00 8.06	367,49 352,04			0.00	0.00	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00		0.00	0.00	N/A N/A	459.85 435.52	0.00	0.00	0.00	0.00
10/24/2006	94.65	95.63	26.98	23.96	370 79 367.77	18.96	0.00	348.61	0.00	348.81	0.00	0.00	0.00	0.00	0.00	0.03	00.0	00.0		0.00		0.00	0.00	0.00		0.00	0.00	N/A	421.79	0.00	0.00	0.00	0.00
10/25/2006 10/26/2006	94.69 96.06	163.41 86.37	29.03 29.10	24.80 24.54	390.97 415.52	19.80 19.54	0.0D 0.0D	371.17 395.98	0.00 6.00	371.17 395.98		0.00	0.00	0.00	0.00	0.00	0.00 6.00	0.00		0.00		0.00 0.00	0.00	0.00	1	0.00	0.00	N/A N/A	449.85 496.72	D0.00 D0.0	0.00	D.D0 D.D0	D.DO 0.00
10/27/2006 10/28/2006		95.79 85.45		23.88 23.79	368 21 368.37	19.99	0.00	349.33 349.58	8.00 0.00	349.33 349.58		0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00			0.00	0.00		0.00	0.00	N/A N/A	441.94 428.79	0.00	0.00	0.00	0.00
10/29/2006	B4.05	74.02	29.22	24.06	361.32	19.06	Q.QD	342.26	0.00	342.26	0.09	0.00	0.00	00.0	0.00	0.00	0.00	0.00		0.00		0.00	0.00	0.00		0.00	0.00	N/A	420.44	0.00	0.00	D.DO	D.DO
10/30/2006 10/31/2006	70.37	74.04 62.59	29.25 29.27	23.85 24.05	357 D7 248 17	18.85 19.05	0.00 0.00	338.22 229.12	6.00 9.00	338.22 229.12	9.06	0.00	0.00	0.00	0.00	0.00	0.00 0.00	0.00 0.00		0.00		0.00 00.0	0.00 0.00 0.00	0.00		0.00	0.00	N/A N/A	418.12 415.40	0.00	0.00	0.00	0.00
11/1/2006	60.94 62.64	51.68 63.18	29.29 29.31	24.06 24.06		19.06 19.06	0.00	278.34 270.30	0.00	278.34 270.30	0.00				0.00	0.00	0.00	0.00				0.00	0.00 D.00				0.00 DOLO		365.14 330.80			\rightarrow	=
11/3/2006	63.60	73.58	29.33	24.09	312.92	19.09	O.OD	293.83	0.00	293.83	0.00				0.00	0.00	0.00	0.00				D.00	0.00			0.00	0.00		359.54			=	
11/5/2006		51.77	29.38	24.06	347 76 345 28	19.12 19.06	0.00	328.64 326.22	6.00	328.64 326.22	0.00				0.00	0.00	0.00	0.00				0.00	0.00			0.00	0.00		402.99 406.39				-
11/6/2006 11/7/2006	55.76 56.91	74.19 40.34	29.40 29.41	24.08 24.06	337.18 333.56	19.08 19.06	0.0D 0.0D	318.10 314.50	0.08 6.00	318.10 314.50	0.00				0.00	0.00	D.00 C.00	0.00 00.0				0,00	0.00			0,00	0.00		396.93 391.17			$\overline{}$	=
11/8/2006	57.85	63.31	29.44	24.07	351 04	19.07	0.00	331.97	0.00	331.97	0.00					0.00	0.00	0.00				0.00	0.00			0.00	0.00		395,60			==	ightharpoonup
11/9/2006 11/10/2006		85.18 53.35	29.48	24.95 24.21	409 12 383.71	19.95 19.21	0.00 0.00	389.17 364.50	8.00 9.00	389.17 364.50	0.00				0.00	0.00	0.00 0.00	00.0				0.00	0.00			0.00	0.00 D.D0		460.18 464.08			-	
11/11/2006 11/12/2006	58.72 59.71	82.83 40.69	29.51 29.52	24.08 24.03	321.49 307.58	19.08	0.0D 0.0D	302.41 288.55	0.00 0.00	302.41 288.55	0.00				0.00	0.00	0.00 0.00	0.00				0.00	0.00			0.00	0.00		399.60 361.53				-
11/13/2006	79.66	41.15	29.53	24.06	308 24	19.06	0.00	289.18	0.00	289.18	0.00				0.00	0.00	0.00	0.00				0.00	0.00			0.00	0.00		364.33 348.88			==	
11/14/2006 11/15/2006	66.19	41.16	29.53 29.54	24.61	294.16	19.61	0.00	271.22 274.55	0.00	271.22 274.55	0.00				0.00	0.03	0.00 0.00	0.00				0.00	0.00			00,0	0.00		345.27				
11/16/2006 11/17/2006	62.68	63.32 63.88	29.55 29.56	25.54 25.50	281 37 322 46	20.54	0.00	260.83 301.96	0.00 0.00	260.83 391.96					0.00	0.00	B.0G 0.00	0.00				0.00				0.00	D.D0 0.00		338.68 374.10			\rightarrow	— 7
11/18/2006	59.65	74.97 29.58	29.56 29.57 29.58	25.50 25.52 25.50	322.46 327.06 305.83	20.50 20.52 20.50	0.00 0.00	386.54	9.00	306.54 285.33	0.00				0.00	0.00	0.00	0.00					0.00 0.00 0.00			0.00	0.00		386.29 374.68			\rightarrow	=
11/20/2006	56.54	74.98	29.58	25.50	291.10	20.50	O.OD	285.33 270.60	0.00	270.60	0.00				0.00	0.00	D DG	0.00					D.DQ			0.00	0.00 0.00		346.95			\rightarrow	=
11/21/2006 11/22/2006		52.29	29.60 29.60	25.51 25.50	313 72 316 20	20.51	0.00	293.21 295.70	0.00 0.00	293.21 295.70	0.00 0.00				0.00	0.00	0.00	0.00				0.00	0.00			0.00	0.00		377.27 412.60			\longrightarrow	-
11/23/2006 11/24/2006	49.06	51.76 29.61	29.61 29.61	25.51 25.50	306.99 278.37	20.51	0.0D 0.0D	286.48 257.87	0.00	286.48 257.87	0.00				0.00	0.00	00.0	0.00 0.01				0.00	0,00			0.00	00.00 DO.0		398.48 370.60				\neg
11/25/2006	39.08	41.24	29.62	25.81	266 35	20.81	0.00	245.54	0.00	245.54	0.00				0.00	0.00	0.00	0.00				0.00	0.00			0.00	0.00		331,61			=	=
11/26/2006 11/27/2006	40.79	41.25	29.62 29.62	25.83	264 98 279.02	20.83	0.00	244.28 258.19	6.00	244.28 258.19	0.00				0.00	0.03	0.00 0.00	0.00 D.00				0.00	0.00			0.00	0.00 00.0		351.22 357.58			$= \pm$	=
11/28/2006 11/29/2006	20.06	40.70 18.55	29.63 29.63	25.73 31.31	274.49 283.41	20.73 26.31	0.0D 0.0D	253.76 257.10		253.76 257.10	0.00						0.00	0.00					0.00			0.00	0.00		352.48 337.83			\rightarrow	\dashv
11/30/2006	22.03 36.20	19.00	29.62 29.62	57,46 31,53	1339.68 1725.01	52.45 26.53	0.00 0.00	1287.23 1698.48		1287.23 1698.48					0.00	0.00 228.36	0.0¢ 0.00	0.00 0.00				0,00 45.21	0.00			0.00 25.90	0.00 0.00		189.65 250.35			=	=
12/2/2006	27.95	29.62	29.62	32.31	1B14.5D	27.31	0.00	1787.19	389.19	1787.19	0.09				0.00	295.78	0.00	0.00				59.86	0.00			33.55	D.D.O		246.76			\Rightarrow	=
12/3/2006 12/4/2006	33.29	40.70 29.62	29.62 29.62	59.65 25.86	1756.33 1711.26	54.65 20.86	0.00	1701.68 1690.40	292.40	1701.68 1690.40	9.06				0.00	230.80 222.22	0.00	0.00 0.00				44.97	0.00			26.18 25.20	0.00		185.72 314.88			\Rightarrow	=
12/5/2006 12/6/2006	39.47	29.63 41.26	29.63 29.63	26,13 25,90	1360.34 1310.84	21.13 20.90	0.00 0.00	1339.21 1289.94	0.00 0.00	1339.21 1289.94	0.00		\vdash		0.00	0.00	0.00	0.00			\vdash	0.00	0.00		<u> </u>	0.00	0.00 DC.C	$\vdash \neg$	356.64 350.34			$-\mp$	\dashv
12/7/2006 12/8/2006	30.19	40.71	29.63 29.64	26.21	1335.31	21.21	0.00	1314.10	0.00	1314.10	0.00					0.00	0.00	B.00 0.00				D.D0 0.00	0.00				0.00		362.08 377.71			=	=
12/9/2006	28.31		29.64	26.28			0.00	1232.96	6.00	1304.99 1232.96	0.00				0.00	0.00	0.00	0.00				0.00	0.00			0.00	0.00		380.25				
12/10/2006 12/11/2006	25.92	41.27	29.64 29.65	26.30 26.28	1178.9B 1052.7B	21.30 21.28	O.OD O.OD	1157.68 1031.48	0.00 0.00	1157.68 1031.48					0.00	0.00	0.00	0.00					0.00			00.0 00.0	0.00		385.24 393.03				\dashv
12/12/2006 12/13/2006	24.00	29.65	29.65 29.65	26.17	876 24 754 33	21.17	0.00	857.07 733,90		957.07 733.00					0.00	0.00	0.00	0.00				0.00	0.00			0.00	0.00		358.96 326.31			=	=
12/14/2006	24.58	29.65	29.65	26.32	544.55	21.32	0.00	523.23	6.00	401.73	0.08		121.50	0.00	-121.5 0	0.00	00.0	00.0				0,00	0.00			0,00	0.00 D.DQ		205.01			=	=
12/15/2006 12/16/2006	20.26	41.28 29.65	29.65	26.26 33.67	41B.D9 262.65	21.26 28.67	0.0D 0.0D	396.83 233.98	9.00	274.82 112.98	9.00	<u> </u>	122.01 121.00	0.00		0.00	0.00 0.00	00.0 00.0					0.00		<u> </u>	0.00	0.00		153.58 128.18			+	
12/17/2006 12/18/2006		18.02 18.58	29.65 29.65	102 17 82.87	247 59 232.03	97.17 77.87	0.00 0.00	150.42 154.16	6.00 6.00	28.92 34.57	0.00		121.50 119.49	0.00		0.00	0.00	0.00 00.0				0.00	0.00			00.00	0.00 0.00		105.22 81.99			=	=
12/19/2006	17.31	29.65	29.65	B2.84	596.96	57.84	O.OD	539.12	0.00	416.12	0.00		121.00	00.0	·121.09	0.03	0.00	0.00				0.00 0.00	0.00			0.00	0.00 D.D0		59.43			=	=
12/20/2006 12/21/2006	22.50	40.72 29.65		42.02 31.82	426 79	37.02 26.82	0.00	1853.92 399.97	9.00	1732.42 279.47	0.00		121.50 120.50	0.00	-120.50	346.50 0.00	0.00	0.00				0.00	0.00		<u> </u>	39.30	0.00 0.00		81.75 121.86 179.07			= +	=
12/22/2006	23,00 22,4 1	41.28 29.65	29.65 29.65	27.19 27.15	659.52 31D.93	22.19 22.15	0.0b 0.0b	637.33 286.79	8.06 0.00	514.82 169.29	9.00 9.00		122.51 119.49	0.00	-122.51 -119.49	0.00	0.00	0.00				0,00	0.00			0,00	0.00		179.07 229.43				\Box
12/24/2006	21.80	40.73	29.66	28.06	2987.26	23.06	O.OD	2964.20	1566.20	2843.20	0.00		121.00	0.00	·121.00	1190.31	D.OG	0.00				240.88	0.00			135.01	0.00		208.33			=	=
12/25/2006 12/26/2006	21.83		29.66	27.26	837 63 572 43		0.00	815.43 550.17		693.93 429.17	9.00		121.50 121.00	0.00	-121.00	0.00	0.00	0.00 0.00				0.00 0.00	0.00			0.00	0.00		228.75 245.17				=
12/27/2006 12/28/2006	20.98	41.29 52.36	29.66	27.18	333.26 326.95	22.18 22.65	Q.QD	311.0B 364.30	0.00	191.09 161.28	0.00		119.99 123.02	0.00	-119.99		0.00	0.00 0.00				0.00	0.00			0.00	0.00 00.0	+	279.57 275.03		-	-	\neg
12/20/20/00	20.41	, 52.39	20.00	27.03	VED.20	22.03	0.00	564.60	0.00	101.20	0.00		120.02	3.00	-123.02	5.00	0.00	5.40					5.00			, 5.00 1	D.Du		210.00				-

- Only one call for administrative regulation in recent history
 - July 2002 call from Worland area canals on the Big Horn River
 - Call was to bring senior direct flow water intended to satisfy these canals from above diversion dam through Boysen Reservoir.
 - Affected all main stem diversions as well as all diversions on all tributary streams
 - Exchange contracts became valid

- Goals
 - Satisfy senior direct flow appropriations
 - Most senior rights are near Worland
 - Make the greatest beneficial use of available natural flows.
 - Efficient delivery
 - Track use of storage water contracts
 - Permanent Contracts (28)
 - Temporary Contracts (8)
 - Storage use is based on Direct Flow in priority at any time.

Shoshone River Administration



Shoshone River Administration

- Approximately 94,000 acres of project land in 4 Burec projects
 - Shoshone, Heart Mountain, Deaver and Willwood Districts
- Non-project lands served under:
 - Hunt, Globe, Cody Canal, Lakeview, Sidon & Elk/Lovell Districts
- Daily water orders taken through Shoshone District with State Engineer oversight
- Accounting system dictates amount available for diversion
- Accounting Year round
- Voluntary program

Buffalo Bill Reservoir and Shoshone River Accounting Sheet

	(Content	Area		Evaporation Fa	actor (Ft):	
		(AF)	(Acres)		Reservoir Eva		14
Basic	Buffalo Bill Reservoir Total	561138	Ç,		Municipal Pipe		
					Outflow to Rive		105
Condition	North Fork Shoshone (cfs):				River Passing		
info.	South Fork Shoshone (cfs)						
	Measured Inflow (cfs):	0		Required Bypa	ass at Willwood	d (cfs):	
				Accrual BB to	Willwood (cfs):		8
		Heart Mtn.	Garland	Deaver	Willwood	Total	
		Canal	Canal	Canal	Canal	Canals	
	Canal Readings (cfs)	857	610	268	263	1998	
	2111 D.F. res. inflow (cfs)	278	557	188	148	1171	
	2111 D.F. below res. (cfs)	122	52	21	8	82	
	Enl. Direct Flow (cfs)	482		58	107	647	
	Total D.F. Diversion (AF)	1507	1209	530	522	3769	
Current	Storage Diversion (AF)	192	0	0	0	192	
	Cumulative D.F. Div. (AF)	27331	29389	12071	14254	83045	
Usage	Cumulative Storage Div. (A	F 8529	1559	282	2835	13204	
info.	Cumulative Total Div. (AF)	35860	30948	12352	17089	96249	
IIIIO.							
	Computed Inflow (AF):	4726		Storable Inflow	v (AF):	1120	
	Measured Inflow (AF):	0					
	Reservoir Balance (AF):	4726	[computed min	us measured	inflow]		
			ACCO	UNTS		Total	Total
		Shoshone	Polecat	Private	State	Accounts	Reservo
		Project					
	Storage Brought Forward (68971	14211	131591	518619	5603
	Reservoir Balance (AF)					0	
	Daily Storage Release (AF)) 194		10		204	
	Daily Storage Evap. (AF)	85	19	4	37	145	
Reservoir	Inflow Distribution (%)	0.956	0.000	0.044	0.000	1.000	
status	Daily Storage Accrual (AF)	1071	0	49	0	1120	

			AF	
Direct flow to Dist	tribute (inflow	+ gain - past will	4726	
RIGHT	AMOUNT	DIRECT FLOW	REMAINING	
	CFS	CFS	CFS	
HTM 2111	139	139	2244	
G 2111	513	461	1783	
D 2111	209	188	1595	
W 2111	74	74	1521	
HTM 1189E	185	185	1336	
W 1191E	87	87	1249	
D 10138	79	58	1191	
HM 6099E	49	49	1142	
HM 2111 (2ND)	139	139	1003	
G 2111 (2ND)	513	96	907	
D 2111 (2ND)	209	0	907	
W 2111 (2ND)	74	74	833	
HM 1189(2ND)	185	185	648	
W 1191E(2ND)	87	20	628	
D 10138 (2ND)	79	0	628	
HM 6099(2ND)	49	49	579	
HTM 6425E	7	7	572	
W 6579E	1	0	572	
HM 6425(2ND)	7	7	565	
W 6579(2ND)	1	0	565	

. .MT2111

HTM-139

G-513

D-209 W-74

TOTAL-935

Direct flow distribution by priority

DAM TO WILL

CFS 2383

64%

26%

10%

461 188

15%

100%

info.

	/						
		Project					
	Storage Brought Forward (A	303847	68971	14211	131591	518619	560367
	Reservoir Balance (AF)					0	
	Daily Storage Release (AF)	194		10		204	
	Daily Storage Evap. (AF)	85	19	4	37	145	
	Inflow Distribution (%)	0.956	0.000	0.044	0.000	1.000	
{	Daily Storage Accrual (AF)	1071	0	49	0	1120	
	Fill Allowed (AF)	44053	2389	1703	4818	52963	
	Stored To Date (AF)	21974	2389	1000	4818	30180	
	Fill Remaining (AF)	22079	0	703	0	22783	
	Storage Carried Forward (A	304639	68951	14246	131554	519390	561138
	Notes:						

Shoshone River Administration

Goals

- Bypass minimum necessary at Willwood Dam to satisfy downstream users
 - Generally about 50 CFS
- Return Flows plus bypass satisfies downstream rights.
- Track reservoir accounts
- Storage use is based on Direct Flow in priority at any time and whether or not Buffalo Bill Reservoir has achieved permitted fill.

- Other basin streams:
 - Priority Regulation requests generally on about a dozen stream systems in the basin each year.
 - Reservoir delivery administration on Greybull River and Owl Creek drainages
 - Cover the basin with a staff of 8
 hydrographers, 1 assistant- superintendent
 and an administrative assistant

Big Horn Basin Administration



Questions ????

