

Appendix C

**Water Related Activities that Have
Undergone Section 7 Consultation and
are Dependent on the Program as an
RPA.**

Appendix C, Table 1. "One-Time" Temporary Water Purchases (Pathfinder-Glendo)
As shown on NFWF Deposit Summary

Source	Date	Acre/Feet
WY State Fair	5/15/1998	30
Two Creek Ranch (Daly)	5/21/1998	25
Schmitzer	5/26/1998	25
MARMAC Eng.	6/10/1998	100
Steinhausen	7/8/1998	53
Hoopman	7/17/1998	55
White Land & Livestock	7/17/1998	100
Holly Sugar	9/15/1998	53
WYDOT	12/14/1998	109
Hoopman	4/9/1999	55
Okemah Construction	4/12/1999	25
WY State Fair	4/26/1999	30
Steinhausen	5/24/1999	50
Two Creek Ranch	8/26/1999	25
WY Interstate Gas Co	9/1/1999	65
Hoopman	9/21/1999	28
WYDOT	1/3/2000	171
Hoopman	3/31/2000	55
WY State Fair	5/15/2000	60
Steinhausen	7/10/2000	50
Two Creek Ranch	7/10/2000	25
Hoopman	8/23/2000	28
WYDOT	1/25/2001	700
Hoopman	3/12/2001	110
Hoopman	3/13/2001	55
Okemah Construction	4/9/2001	28
Steinhausen	5/16/2001	50
WY State Fair	5/16/2001	60
Komma	6/28/2001	54
Two Creek Ranch	6/28/2001	50
Vollman Ranches	6/28/2001	60
WYDOT	10/12/2001	892
Town of Mills	3/12/2002	112
WYDOT	3/13/2002	50
WY State Fair	4/4/2002	60
Anderson	4/25/2002	17
Larry Rice	4/25/2002	17
Sinclair Oil	4/25/2002	47
Sinclair Oil	4/25/2002	40
Town of Evansville	4/25/2002	27
Amoco Oil	5/14/2002	46
Central WY Regional Water System	5/14/2002	407
Clearview Dairy	5/14/2002	50
TriHydro Corp.	5/14/2002	77
Two Creek Ranch	5/14/2002	17

Year	# of Proj	Total (af)
July-Dec, 1998	9	550
1999	7	278
2000	6	389
2001	10	2,059
2002	33	110,617
2003	7	1,281
2004	10	2,128
2005	6	1,090
Total	88	118,392

Source	Date	Acre/Feet
Vollman Ranches	5/14/2002	50
Wagonhound Land & Livestock	5/14/2002	1037
Albert Prado	6/13/2002	27
Casper Country Club	6/13/2002	89
David Claus	6/13/2002	167
Rock Ranch Ditch Irrigation Co.	6/13/2002	405
Goshen Irrigation District	6/14/2002	1350
Lucerne Canal and Power Company	6/14/2002	540
Brown's Creek Irrigation District	8/14/2002	1,334
Gering Irrigation District	8/14/2002	5000
Gering-Ft. Laramie Irrigation District	8/14/2002	20,000
Goshen Irrigation District	8/14/2002	20,000
Hoopman	8/14/2002	28
Lingle Water Users	8/14/2002	414
Lucerne Canal and Power Company	8/14/2002	582
Northport Irrigation District	8/14/2002	10,000
Pathfinder Irrigation District	8/14/2002	40,000
Ferris Irrigation District	8/22/2002	146
WYDOT	10/17/2002	481
WY Water Development Commission	10/25/2002	8,000
Central WY Regional Water System	4/1/2003	600
Town of Evansville	4/1/2003	30
WYDOT	4/1/2003	75
Casper Country Club	4/8/2003	133
Former Amoco Refinery	4/8/2003	74
Town of Mills	4/8/2003	304
TriHydro Corp.	4/8/2003	65
Sinclair Oil	3/17/2004	64
BP Products N. America	3/18/2004	66
TriHydro Corp.	3/25/2004	65
Town of Mills	3/29/2004	304
Central WY Regional Water System	3/30/2004	600
Town of Evansville	3/30/2004	600
Casper Country Club	3/31/2004	67
Paradise Valley Country Club	4/14/2004	67
Amoco Oil	6/30/2004	33
WYDOT	10/11/2004	262
TriHydro Corp.	3/1/2005	60
BP Products N. America	3/3/2005	127
Town of Evansville	3/3/2005	27
WY Water Development Commission	5/16/2005	250
WY Water Development Commission	8/5/2005	500
WYDOT	11/1/2005	126
Total "One-Time" depletions in Wyoming (af)		118,392

Appendix C, Table 2. Projects Dependent on the Program as an RPA

Project Name	County	State	Agency	Major(af)	Depletion Status	BO# and Date	Project Description
Major (>25 af) Depletive Projects							
Boulder Hydroelectric Gravity Line	Boulder	CO		4437	B,E,P	ES/GJ-6-CO-93-F-024, 7/1/94	Line SUP Project
City of Greeley, Peterson Lake Res.	Weld	CO		1011	B,E,P	ES/GJ-6-CO-93-F-026, 6/2/94	SUP Project
Barnes Meadow Reservoir	Weld	CO		527	B,E,P	ES/GJ-6-CO-93-F-027, 6/2/94	SUP Project
Long Draw Reservoir		CO		1457	B,E,P	ES/GJ-6-CO-93-F-029, 6/2/94	SUP Project
Idaho Springs Storage Reservoir	Clear Creek	CO	COE	364	B,E,P	04/06/98 04/01/98-07/01/98	Reservoir Rehabilitation
Lakewood Pipeline	Boulder	CO	USFS	4209	B,E,P	5/22/1998 04/01/98-07/01/98	Water Pipeline
Green Ridge Glade Reservoir	Larimer	CO		1162	B,E,P	9/21/1999	Reservoir Rehab/Expansion
Prince Reservoir	Boulder	CO	COE	137	B,E,P	07/01/01-09/30/01	Reservoir
Gardeners Dam	Adams	CO	COE	158	B,E,P	10/01/01-10/31/01	Gardeners Dam
Pleasant Valley Pipeline	Larimer	CO	COE	6491	B,E,P	04/04/03 04/01/03-06/30/03	Pipeline
Leyden Dam	Jefferson	CO	COE	36	B,E,P	04/24/03 04/01/03-06/30/03	Dam
Arapahoe NWR	Jackson	CO	USFWS	9214	B,E,P	ES/LK-6-CO-03-F-024, 10/24/03	Reinitiation
Swift Irrigation	Jackson	CO	BLM	65	B,E,P	12/24/2003	Irrigation Ditch
Fort Logan National Cemetary	Denver	CO	DVA	166	B,E,P	ES/LK-06-CO-04-F 004, 3/9/04	
Arvada Reservoir	Jefferson	CO	COE	510	B,E,P	5/26/2004	
Perry Pit East	Weld	CO	COE	140	B,E,P	9/20/2004	
Town of Berthoud, 40 year contract	Larimer	CO	BOR	1109	B,E,P	ES/LK-6-CO-04-F-011, 9/1/05	Water Development
		CO	Upper, Existing			31193 af	
Broomfield - McKay Ditch	Jefferson	CO	DOE	277	B,N,P	01/01/99-03/31/99	Irrigation Ditch
Hebron Slough WMA	Jackson	CO	BLM	1039	B,N,P	01/01/02-03/31/02	
75th Street Raw Water Line	Boulder	CO	COE	2194	B,N,P	06/14/02 04/01/02-06/30/02	Water Pipeline
Rueter-Hess Reservoir	Douglas	CO	COE	1237	B,N,P	10/01/02-12/31/02	Reservoir
Rocky Flats Pond Reconfiguration		CO	DOE	27	B,N,P	ES/6-CO04-F-033	
Denver Water Non-potable Reuse Project	Denver	CO	COE	1612	B,N,P	ES/6-CO-03-F-002, 4/23/04	BO Amendment
Water Lease, Condon Recharge Project		CO	FWS	391	B,N,F	11/24/2005	
Water Lease, Tamarack Recharge Project		CO	FWS	416	B,N,F	11/24/2005	
Water Lease, Julesburg District Recharge Projec		CO	FWS	225	B,N,F	11/24/2005	
		CO	Upper, New			7417 af	
Gross Reservoir Re-licensing	Jefferson	CO	FERC	711	B,N/E,P	10/12/00 10/1/00-12/31/00	Reservoir

Project Name	County	State	Agency	Major(af)	Depletion Status	BO# and Date	Project Description
		CO	Upper, New/Existing		711	af	
City of Douglas Water System Improvement	Converse	WY	USDA-RD	477	B,E,P	11/10/1999	Water System
Town of Torrington Water Project	Goshen	WY	USDA-RD	1779	B,E,P	12/21/1999	Water Project
33 Mile Road Improvement	Natrona	WY	USDA-RD	33	B,E,P	7/6/2000	
Programmatic on reauthorizing livestock watering facilities	Laramie, Goshen, Platte, Niobrara, Converse, Natrona, Fremont, Carbon, Albany	WY	BLM	697	B,E,P	9/18/2000	Livestock Ponds
Rawlins North Platte River Water Intake & Pipeline Project	Carbon	WY	COE	332	B,E,P	8/9/2001	Pipeline
Sherard Water Treatment Plant	Laramie	WY	DEQ	2870	B,E,P	02/13/03 04/01/03-06/30/03	Water Treatment Plant
Sinclair Pipe Line & Tank	Carbon	WY	DEQ	176	B,E,P	02/13/03 04/01/03-06/30/03	Pipeline and Tank
Split Rock Ranch Land Exchange	Natrona	WY	BLM	35	B,E,P	04/24/03 04/01/03-06/30/03	
		WY	Upper, Existing		6400	af	
33 Mile Road Improvement	Natrona	WY	USDA	33	B,N,P	09/08/00 07/01/00-09/30/00	
Renewal of Livestock Watering Facilities	Platte River Basin	WY	BLM	109	B,N,P	09/18/00 10/01/00-12/21/00	Livestock Ponds
Water Line Improvement	Carbon	WY	USDA-RD	82	B,N,P	01/01/02-03/31/02	Water Pipeline
South Crow Creek Div. Dam Rehab	Laramie	WY	COE	956	B,N,P	05/08/02 04/01/02-06/30/02	Dam Rehabilitation
Renewal of Livestock Watering Facilities	Platte River Basin	WY	BLM	109	B,N,P	ES-61411/W.21/WY9135a, 3/1/05	
		WY	Upper, New		1290	af	
Subtotal of annual depletions to Platte River >25 af				47010			
Relicensing of Kingsley Dam*	Keith	NE	FERC	acre feet (af)		7/1/97	Dam Relicensing
North Platte at Sutherland				204700			
Platte River at Brady				1026400			
Platte River at Grand Island				285200			

* Average annual depletions calculated relative to present conditions, as opposed to Service target flows.

Appendix C, Table 3. Summary of annual depletions¹ from water related projects dependent on the Program for ESA compliance (excluding Kingsley Dam relicensing).

Major (>25 af)	
Colorado	
New	7,417
Existing	31,904
Wyoming	
New	1,290
Existing	6,400
Nebraska	
New	0
Existing	0
Totals	47,010

¹ Depletions calculated relative to Service target flows (as described in Bowman and Carlson 1994).

Appendix C, Table 4. Summary of depletions¹ resulting from relicensing of Kingsley Dam.

Relicensing of Kingsley Dam	acre feet (af)
North Platte at Sutherland	204,700
Platte River at Brady	1,026,400
Platte River at Grand Island	285,200

¹ Depletions calculated relative to modeled water management without the project (i.e., "run of the river").