BUFFALO

BUFFALO GAGE NO. 06318500

BUFFALO GAGE NO. 0632000

French Creek

Rock Creek

CLEAR CREEK

BELOW ROCK CREEK NO. 06320200

5552E 4-3-50 (192 R)
5788E 4-26-55 (500 R)

LAKE DE SMET (M&M) DITCH

SHELL CREEK

21580 2-4-55 (360 S)

(SHELL CREEK SUPPLY PERMIT FOR STORAGE PERMIT NO. 6226R)

LITTLE PINEY CREEK

KEARNEY GAGE NO. 06323000

LAKE DE SMET INTAKE (OLD) DITCH (L. C. C. I. D.)

6352E

2-21-68 (500 P)

ELEV. W. S.	CUMULATIVE ACRE FEET	PERMIT NO.	PRIORITY DATE	ACRE FEET
4620.00	234,987			
4616.50	223,187	7292R	2-21-68	11,800
		7291R	11-13-63	37,340
4605.09	185,847			
4600.74	172,122	7290R	10-14-57	13,725
4600.51	171,382	7532R	4-16-57	740
		7289R	4-15-57	36,834
4588.22	134,548	6227R	3-8-55	1,304
4587.77	133,244	7009R	2-25-55	17,738
4581.38	115,506	6226R	2-4-55	8,902
4578.04	106,604	5829R	4-3-50	30,129
4565.32	76,475	7533R	8-16-39	11,640
4559.75	64,835	973R	1-12-07	25,000
4545.84	39,835	1300R	8-31-06	875
4545.30	38,960	6225R	2-2-55	38,960

Piney Creek

Clear Creek

Clear Creek

22928 2-25-55 (580 C)
22929 2-25-55 (200 F)
22930 2-25-55 (200 R)

CLEAR CREEK PUMPING PLANT

CLEAR CREEK - LAKE DE SMET PIPELINE

6217E 11-13-63 (1,018 P)

5789E 4-26-55 (865 P)

5550E 4-3-50 (865 P)

5551E 4-3-50 (400 LP)

HEALY REGULATORY RESERVOIR

7289R 4-15-57 (5140 A.F.)

CLEAR CREEK DIVERSION DAM
8729R 9-28-77 (285.4 A.F.)

Clear Creek

Box Elder Creek

15779 2-18-20 (1,000 P)

LAKE DE SMET INTAKE TUNNEL

PINEY CREEK DIVERSION DAM
7010R 2-3-69 (50.8 A.F.)

PINEY CREEK

IRRIGATION OUTLET
(DELIVERS TO M.C.C.W.U.)

SOUTH OUTLET
(DELIVERS TO:
L.D.E.C.,
BELUS)

5789E 4-26-55 (865 P)

NORTH OUTLET
(DELIVERIES TO:
CONTRACT WATER USERS, L.C.C.I.D.)

LAKE DE SMET RESERVOIR

CLEAR CREEK SUPPLY SYSTEM

Box Elder Creek

PINEY CREEK SUPPLY SYSTEM

POWDER RIVER

CLEAR CREEK AT UCROSS NO. 06320400

PINEY CREEK AT UCROSS NO. 06323500

ARVADA GAGE NO. 06324000

LEGEND

DIVERSION DAM

GAGING STATION OR FLOW MEASURING DEVICE

5788E (PERMIT NO.) 4-26-55 (DATE) (500 R) (CFS AND SOURCE)

Supplies without permit numbers represent supplies to storage permits transferred to Lake De Smet from former main stream sites on streams indicated.

M.C.C.W.U. - Johnson Co. Middle Clear Creek Water Users Association
L.C.C.I.D. - Lower Clear Creek Irrigation District
L.D.E.C. - Lake DeSmet Energy Company
P - Piney Creek
L.P. - Little Piney Creek
C - Clear Creek
F - French Creek
R - Rock Creek

COLOR CODE FOR WATER SOURCES

Piney Creek (Including Little Piney Creek where applicable)
Clear Creek (Including French Creek where applicable)
Rock Creek
Shell Creek
Box Elder Creek

(Combination of colors indicates two or more sources)

Reference: Tipton and Kalmbach, Inc. - Engineers January, 1976 (Rev.5-81)

Updated: HKM Engineering, Inc. April, 2003
For: Wyoming Water Development Commission, Lake DeSmet Level II Master Plan

SCHEMATIC DIAGRAM OF WATER RIGHTS PERTAINING TO LAKE DE SMET RESERVOIR, WYOMING

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