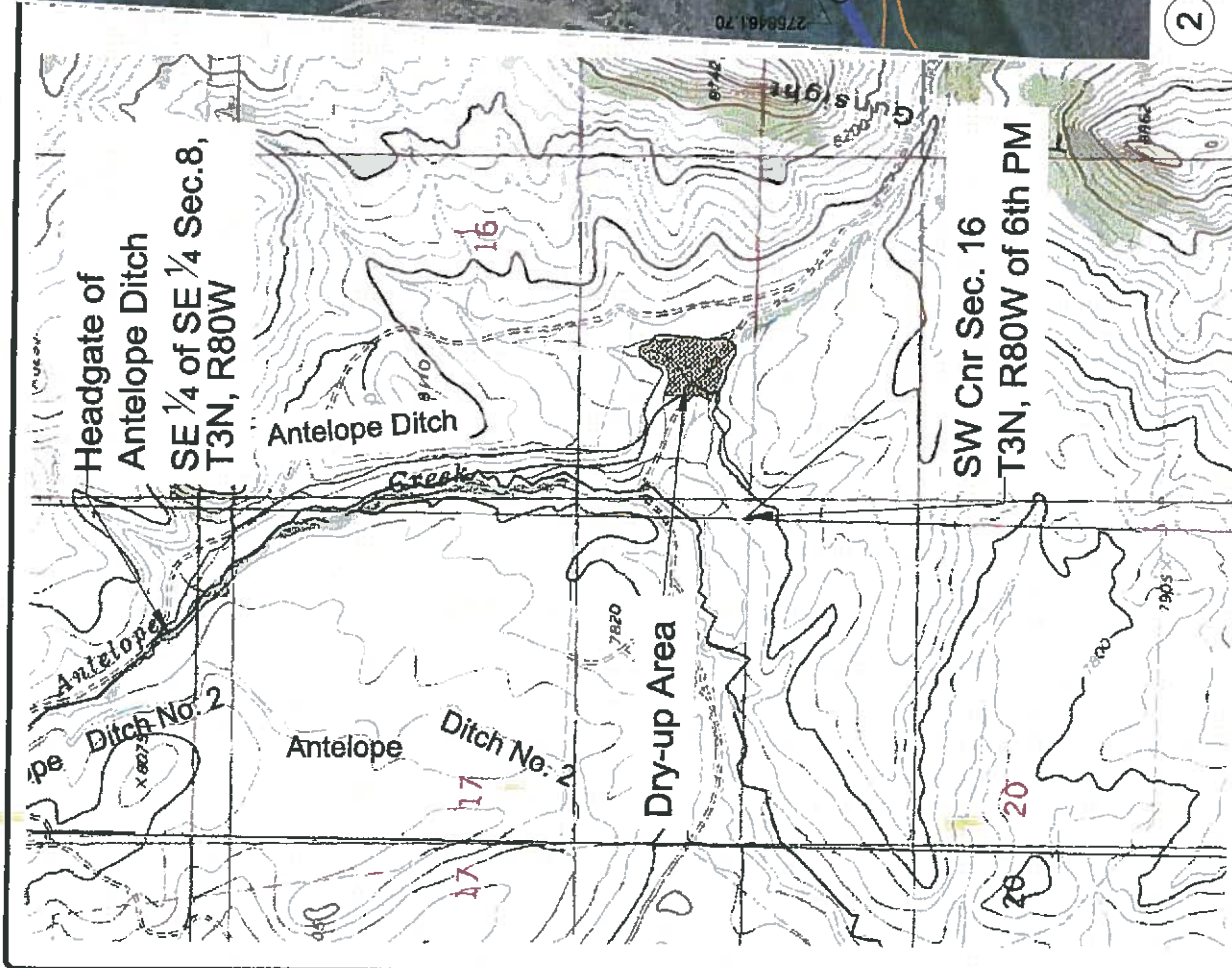
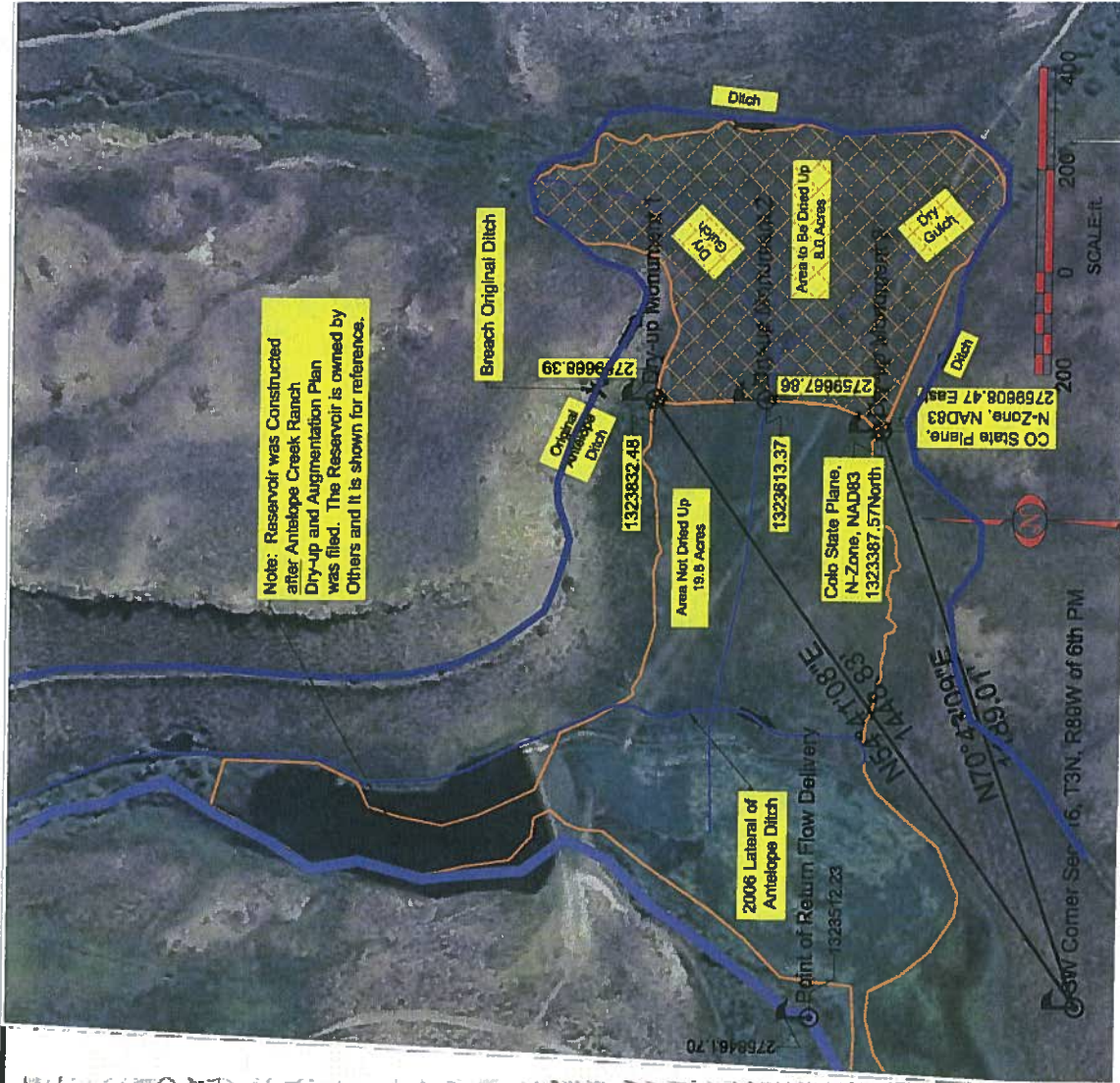




1 Location of Antelope Ditch and Historically Irrigated Area

Note: Coordinates shown on Detail 2 are State Plane NAD83 Coordinates in Feet. UTM Coordinates are also listed in the Decree for the Return Flow Delivery location.



2 8 Acre Dry-up and Boundary Monuments

Antelope Creek Ranch - Case No. 06CW266

North of Kremmling, CO

Antelope Creek Ditch
Dry-up Parcel Location
Case No. 06CW266



Steffens and Associates, Inc.
Water Resources - Environmental - Mining Engineering
Golden CO 80609 - 303.516.1071 - Fax 303.273.3054

CLIENT:	Dunham
Alt. Drawing Number	Scale
Noted	Noted

DRAWING NO.
EXHIBIT A

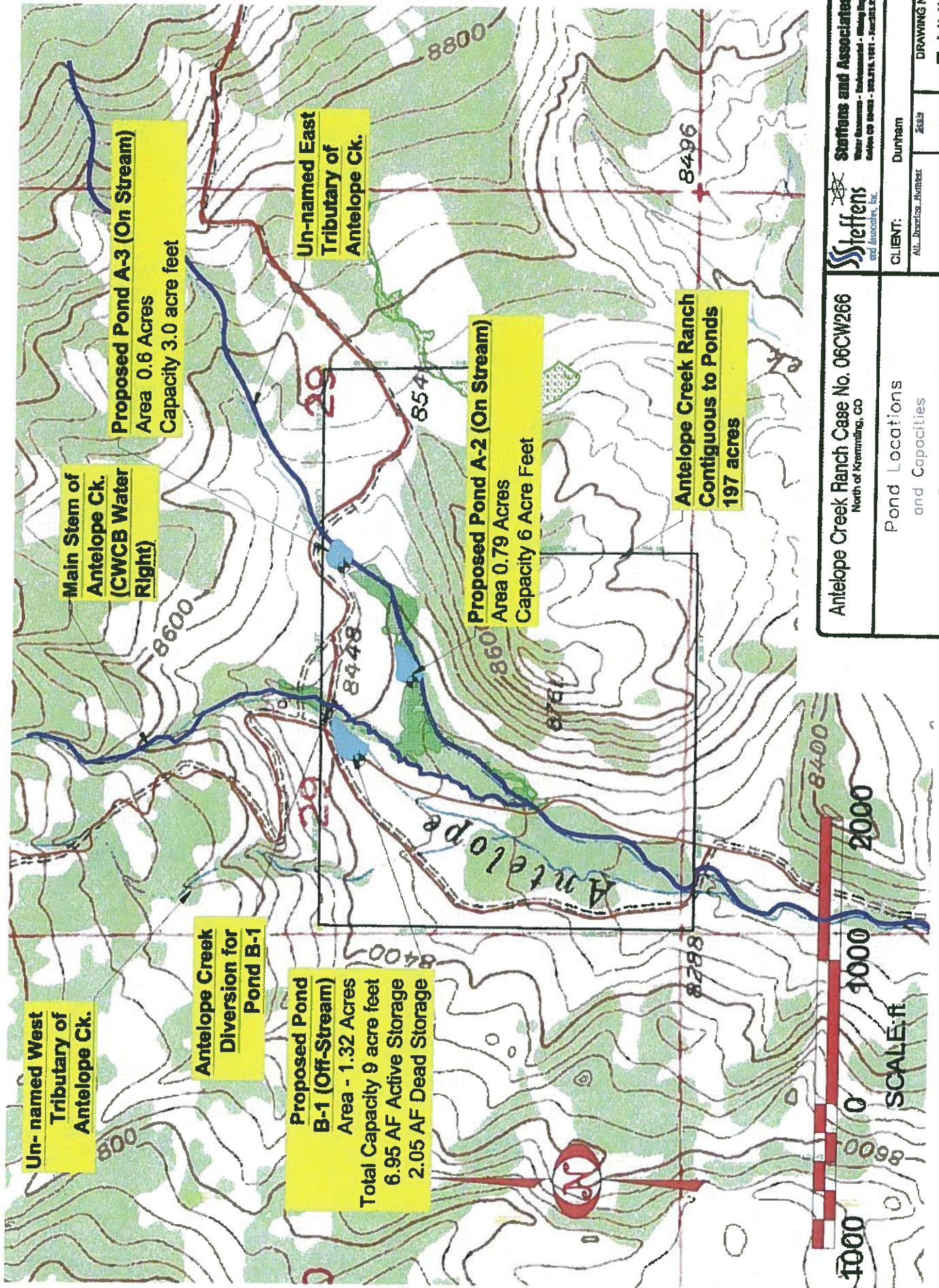
Balance of New Depletions
from Pond Evaporation
and Historical Credits
Used to Offset New Depletions

SUMMARY OF NEW USES, HISTORICAL CONSUMPTIVE USE CREDITS, AND STREAM DEPLETIONS															
	Structure	Source	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
(1)		On-Stream Ponds - CU Based on Net Evaporation and Effective Precipitation	0.00	0.00	0.00	1.73	2.23	4.00	3.45	2.34	1.83	1.24	0.00	0.00	
(2)	Pond A-3	Net Evaporation On-stream Reservoir (Inches)													
(3)	Pond A-2	x Area = Reservoir Evaporation (Acre feet)													
(4)		Tributary of Antelope Ck	0.00	0.00	0.00	0.09	0.11	0.20	0.17	0.12	0.08	0.06	0.00	0.00	16.81
		Tributary of Antelope Ck	0.00	0.00	0.00	0.11	0.15	0.26	0.23	0.15	0.12	0.08	0.00	0.00	0.84
(5)		Sub Total On-stream Ponds	0.00	0.00	0.00	0.20	0.26	0.46	0.40	0.27	0.21	0.14	0.00	0.00	1.11
		Off-Stream Pond - CU Based on Gross Evaporation and No Allowance for Effective Precipitation													
(6)	Pond B-1	Gross Off-stream Evaporation (Inches)	0.00	0.00	0.00	3.15	4.36	5.43	6.60	4.55	3.65	2.63	0.00	0.00	1.95
		x Area = Reservoir Evaporation (Acre feet)													
		Main Stem Ant. Ck. or its Tributary	0.00	0.00	0.00	0.35	0.48	0.60	0.62	0.50	0.42	0.29	0.00	0.00	29.58
(7)		Total Consumptive Use by Evaporation from On-Stream and Off-Stream Ponds and Livestock Use	0.00	0.00	0.00	0.55	0.74	1.06	1.02	0.77	0.64	0.43	0.00	0.00	3.26
(8)		Pond Evaporation CU (Row 4 plus Row 6) Acre feet													
(9)		Livestock Use - 17 gal/day-Calf/Cow/Pair May thru Sept - .0015384 acre-foot/head-month (No. of Pairs>>)	0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	5.21
		Total CU of New Uses to be Augmented	0.00	0.00	0.00	0.58	0.77	1.09	1.05	0.80	0.67	0.46	0.00	0.00	0.21
		Historical Consumptive Use Credits Resulting from Dry-up of 8 acres under the Antelope Ditch													
(10)		Units	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
(11)		Consumptive Use Credits Available for Dry-up of 8 Acres	0.00	0.00	0.00	0.02	0.63	1.98	1.72	0.76	0.27	0.02	0.00	0.00	5.42
		Consumptive Use Credits used for this Plan	0.00	0.00	0.00	0.58	0.77	1.09	1.05	0.80	0.67	0.46	0.00	0.00	5.42
(12)		Monthly Excess (+) or Deficit (-) of Historical CU Credits Compared to New Uses (Row 8 minus Row 7)	0.00	0.00	0.00	-0.56	-0.14	0.88	0.67	-0.02	-0.40	-0.44	0.00	0.00	0.00
Operating Requirements of Storage to Match Timing of Historical Stream Depletion Pattern															
(13)		Average Historical Depletion Schedule for Historical Credits that are used, +Depletion, (-) Accretion Average for Hasha Loam and Sandy Soils	-0.01	-0.01	-0.01	0.45	3.83	4.98	-0.03	-1.03	-0.70	-0.89	-0.97	-0.19	5.42
(14)		Months where the Historical Depletion Credits were less than the proposed new uses, or where there should be a storage release to match the historical stream flow (Compare Rows 7 and 10)	0.01	0.01	0.01	0.13	0.00	0.00	1.07	1.83	1.37	1.36	0.97	0.19	6.95
(15)		Months where there are more Historical Depletion Credits than the depletion from new uses, this difference to be temporarily stored in Pond B-1 (Compare Rows 7 and 10)	0.00	0.00	0.00	0.00	3.06	3.89	0.00	0.00	0.00	0.00	0.00	0.00	6.95
(16)		End of Month Live Storage in Pond B-1 to Match Historical Stream Depletions (See Note Below the table)	0.14	0.13	0.13	0.00	3.06	6.95	5.88	4.05	2.68	1.33	0.35	0.16	
(17)		Dead Storage Pond B-1 (Fixed at 3.36 acre feet, the difference between the total capacity of Pond B-1 and the amount required to match historical depletion patterns)	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	
(18)		Total Storage Pond B-1, Sum of Dead Storage (Row 15) and Live Storage (Row 14)	2.19	2.18	2.18	2.05	5.11	9.00	7.93	6.10	4.73	3.38	2.40	2.21	
(19)		Historical Return Flow Rate for Dry-up Area	0.00	0.00	0.00	0.01	0.11	0.20	0.07	0.03	0.02	0.03	0.03	0.01	
(20)		Maximum Exchange Rate (0.333 cfs minus Historical Return Flow Rate)	0.33	0.33	0.33	0.32	0.22	0.13	0.26	0.30	0.31	0.30	0.30	0.33	
Notes on Row 8: Livestock Consumptive Use varies with animal type and month. Calculations are based on 20 lactating-cow/calf pairs and the maximum month consumptive use rate (17 gal per day). Horses and other animals would consume less.															

Notes on Row 8: Livestock Consumptive Use varies with animal type and month. Calculations are based on 20 lactating-cow/calf pairs and the maximum month consumptive use rate (17 gal per day). Horses and other animals would consume less.

Notes on Row 16: Required storage is the sum of months where there was an excess of Historical Credits that can be stored (Row 15) minus the sum of months when a release is required (Row 14). The accumulation of available storage begins in May, the first time each year that there's an excess of HCU.

Notes on Row 18: Maximum storage needed to match historical stream patterns (Row 14) is 6.95 acre feet. The live storage (6.95) and dead storage of 2.05 acre feet is the total facility storage for Pond B-1. Ponds A-2 and A-3 are all dead storage since they are full and spilling on-stream facilities.



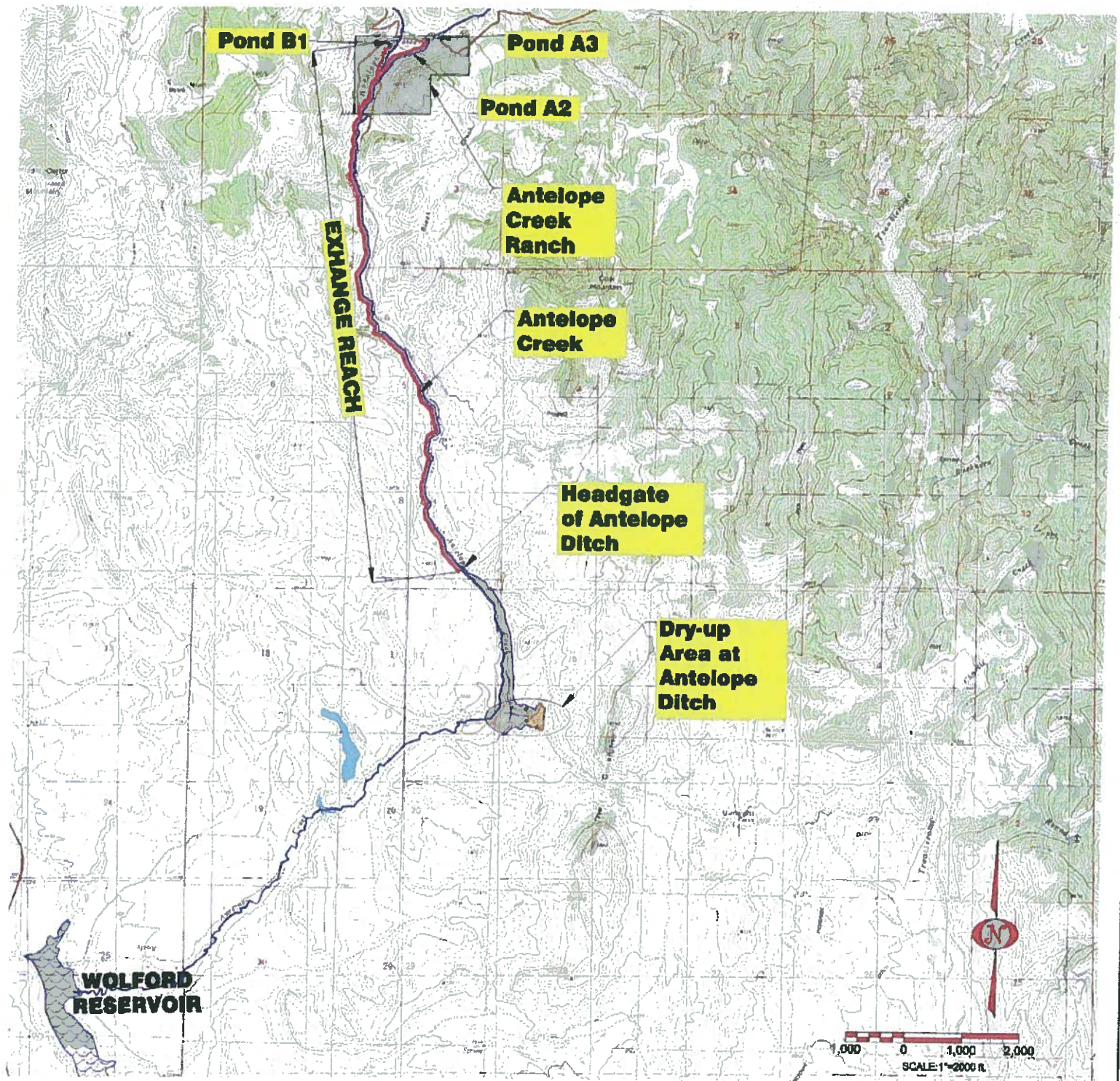
Antelope Creek Ranch Case No. 06CW266
 North of Kremmling, CO

Pond Locations
 and Capacities
 Plan View

Steffens and Associates, Inc.
 Water Resources - Environmental - Survey Engineering
 3000 E. 1st Ave. - Suite 100 - Fort Collins, CO 80501-1001 - Fax: 970.221.0000

CLIENT:	Dunham
ALL DRAWINGS - NUMBER	2542
NOTED	Noted

DRAWING NO.
Exhibit C



Antelope Creek Ranch
North of Kremmling, CO

Pond and Dry-up Locations

USGS Quad

Plan View

Steffens
and Associates, Inc.

Steffens and Associates, Inc.
Water Resources - Environmental - Mining Engineering
Address: 918 28400 - 900.212.1001 - Fax: 900.273.0904

CLIENT: Dunham

Alt. Drawing Number

Scale

DRAWING NO.

Noted

EXHIBIT D