STATE OF COLORADO

Pittinger - DNR, Rachel <rachel.pittinger@state.co.us>

Schneider Ditch Company Loan Application followup

3 messages

Pittinger - DNR, Rachel <rachel.pittinger@state.co.us> Mon, Jan 7, 2019 at 3:39 PM
To: Bob Lingreen <circlel@valley6554.com>

Hi Bob.
Since your original loan application requests an amount different than what will be presented to the Board, I would like written confirmation that you are aware of this change and this increase to your loan application amount. Please respond to this email stating you confirm the requested loan amount and term by the Schneider Ditch Company is $1,233,000 for a 30-year term as will be presented at the CWCB Board meeting held on January 28, 2019. Thanks again.
Sincerely,
Rachel

Rachel Pittinger, P.E.
Project Manager
Finance Section

COLORADO
Colorado Water Conservation Board
Department of Natural Resources

O **303.866.3441 x 3254** | C **720.607.3549**
1313 Sherman St., Rm. 718, Denver, CO 80203
rachel.pittinger@state.co.us | cwcb.state.co.us

Circle L <circlel@valley6554.com> Thu, Jan 24, 2019 at 3:22 PM
To: "Pittinger - DNR, Rachel" <rachel.pittinger@state.co.us>

I received this e-mail and here is my confirmation that it is ok to do that.

From: Pittinger - DNR, Rachel [mailto:rachel.pittinger@state.co.us]
Sent: Monday, January 7, 2019 3:40 PM
To: Bob Lingreen
Subject: Schneider Ditch Company Loan Application followup

[Quoted text hidden]

Pittinger - DNR, Rachel <rachel.pittinger@state.co.us> Thu, Jan 24, 2019 at 3:25 PM
To: Circle L <circlel@valley6554.com>

Thanks, Bob.
Sincerely,
Rachel

Rachel Pittinger, P.E.
Project Manager
Finance Section

FEASIBILITY REPORT

SCHNEIDER DITCH COMPANY
DIVERSION STRUCTURE REPAIR PROJECT

LOGAN COUNTY, COLORADO

Prepared for:

Schneider Ditch Company
P.O. Box 1811
Sterling, CO 80751

Prepared by:

HARRIS ENGINEERING CONSULTANTS, INC.
Fort Morgan, CO 80701
(970) 542-0423 | matt@harrisec.com

COLORADO LICENSED
MATTHEW C. HARRIS
49409
11/30/18
PROFESSIONAL ENGINEER

December 2018

FEASIBILITY STUDY APPROVAL
Pursuant to Colorado Revised Statutes 37-60-121 &122, and in accordance with policies adopted by the Board, the CWCB staff has determined this Feasibility Study meets all applicable requirements for approval.

Signed

1/14/2019
Date

TABLE OF CONTENTS

APPENDICES

Schneider Ditch Company

Bob Lingreen
President

Dean Rasmussen
Vice-President

Debbie Klindt
Secretary/Treasurer

Jim Quint
Ditch Rider

Katy Barkley
Office Manager

Attorney for the Schneider Ditch Company

Jeffrey Kahn
Lyon Gaddis, PC
Longmont, Colorado

Engineer for the Schneider Ditch Company

Matthew C. Harris, P.E.
HARRIS ENGINEERING CONSULTANTS, INC.
Ft. Morgan, Colorado

HARRIS ENGINEERING CONSULTANTS, INC. would like to thank the Schneider Ditch Company for the valuable assistance provided during the preparation of this report. Special thanks are offered to the following individuals of the company and other organizations:

Mr. Bob Lingreen
President, Schneider Ditch Company

Ms. Katy Barkley
Secretary, Schneider Ditch Company

Mr. Jim Boone
Ransom Boone Excavating

Ms. Anna Mauss, P.E.
Colorado Water Conservation Board

Mr. Alex Funk
Colorado Water Conservation Board

Ms. Rachel Pittinger, P.E.
Colorado Water Conservation Board

Project Sponsor

The Schneider Ditch Company (SDC), located in Logan County, Colorado is a mutual ditch company and a non-profit corporation. Articles of Incorporation and Company Bylaws are included in Appendix A; a list of current shareholders can be found in Appendix H.

The SDC, incorporated in May of 1877, was formed to construct and operate the Schneider Ditch for the benefit of shareholders by providing direct flow irrigation water. The Company currently has 17 shareholders with 125 total shares of stock and a decreed absolute water right of 102.208 cubic feet per second (cfs) from the South Platte River. Water is diverted at the Company's headworks located on the south bank of the River – along a braided reach where the flow splits into two separate channels – in the southwest quarter-section of Section 9, Township 6 North, Range 53 West of the Sixth Principal Meridian. The average annual diversion through the headworks is 9,409 acre-feet, equating to roughly 75 acre-feet per share.

Project Service Area

The service area is located in Logan County, positioned between the South Platte River and Interstate Highway 76, from approximately 3 miles southwest of Atwood to 3 miles northeast of Atwood. The SDC service area is comprised, on the average, of approximately 2,600 acres of cultivated cropland. The water is typically used to irrigate corn, alfalfa, beans, and sugar beets. The average elevation of the area is 3985 feet. A location map of the service area can be found on page 6.

Water Rights

A summary of the historic water rights held by the SDC is included in Table 1. This information was obtained from the Structure Summary Report in the Colorado Water Resources Decision Support System (CDSS) attached in Appendix B. The SDC has a decreed absolute water right of 53.42 cfs and a decreed conditional water right of 4.58 cfs. The total absolute right includes 11 cfs of Meadow Rights, which are in effect from April 10th through July 10th of any given year.

Table 1: Historic Water Rights Data

APPROPRIATION DATE	ADJUDICATION DATE	AMOUNT (CFS)
04/10/1873	05/29/1897	11.000
07/15/1875	11/15/1894	20.100
10/20/1880	11/15/1894	17.688

Table 2: Water Rights and Diversion Summary

Decreed Water Right (absolute + conditional)	58 cfs
Maximum Day Diversion – *Note 1*	73 cfs
Date of Maximum	08/06/1951
Average Annual Diversion 1950 - 2017	9,409 acre-ft

Note 1: Maximum day diversion shown excludes a reading of 146 cfs taken on 5/13/15, which occurred during a regional flooding event along the South Platte.

The SDC diverted a total of 13,961 acre-feet in 2015, 12,302 acre-feet in 2016, and 13,865 acre-feet in 2017, according to the State Engineer's records available in the CDSS. As shown on Table 2, the average annual diversion for the past 67 years is 9,409 acre-feet. Yearly diversions for the SDC would be considered somewhat inconsistent. The principle reason for this inconsistency is the interruption in supply that occurs in years when the sand dam washed out and sufficient quantities of water cannot be diverted. The average and maximum monthly historic diversions into the Schneider Ditch are included in Table 3.

Table 3: Historic Diversions

MONTH	AVG. DIVERSION (CFS)	MAX. DIVERSION (CFS)
November	13	28
December	10	14
January	6	14
February	8	14
March	8	28
April	27	58
May (*Note 1*)	29	67
June	28	63
July	36	69
August	35	73
September	26	71
October	17	46

Note 1: See note at foot of Table 2.

Streamflow

The South Platte River Basin is hydrologically diverse, consisting of large tributaries that receive drainage along the eastern slope of the Rocky Mountains with headwaters near 14,000 feet and many ephemeral tributaries in the plains region that extend as far south as the Palmer Divide. The Basin also includes many heavily urbanized regions, including the Denver metropolitan area. Although streamflow in the South Platte is primarily the result of snowmelt, major flood events over the past century have been the result of inflows from large convective storms occurring between May and September. Namely, the major floods of 1894, 1921, 1935, 1965, 1973, 2013, and, most recently, 2015 were all the result of large precipitation events within the Basin.

As there are no historic records of streamflow at the Company's headworks, records from the river gaging station located 10 miles upstream near Balzac were used to represent conditions at the point of diversion. There are records available for two gaging stations near Balzac:

<u>Station 06760000</u>
Operating Entity: USGS
Location: N40° 24' 24" W103° 27' 58" (NAD27)
Date of Record: 01/1917 through 05/1980
Drainage Area: 16,623 square miles
Elevation: 4091.06 feet (NGVD29)

Station 06759910
Operating Entity: Colorado Department of Water Resources (DWR)
Location: N40° 21' 27" W103° 31' 41" (NAD83)
Date of Record: 10/1980 through present
Drainage Area: 16,609 square miles
Elevation: 4135.02 feet (NAVD88)

Tables 4 through 6 summarize the streamflow characteristics at the point of diversion. Peak flood discharges are enumerated in Table 4, while Tables 5 and 6 illustrate the average monthly streamflow and flow duration exceedance values, respectively. Table 4 includes flood discharges from several sources. Column 1 lists the data published in a report developed by the U.S. Army Corps of Engineers (USACE) in June of 1977 (Reference 3). The values in Column 2 are the peak flood discharges adopted in the Flood Insurance Study (FIS) for Logan County (Reference 1). Column 3 lists the results of a USGS Bulletin 17B procedure conducted to determine the annual peak flow frequency based on a combined 89 years of record for the South Platte River at the USGS and DWR stream gage sites described above. As the difference in the drainage area between the two sites is nominal (less than 0.1%), records from both stations were combined without modification.

Table 4: Flood Discharges, South Platte River

FLOOD EVENT	PEAK DISCHARGE (CFS)		
	Column 1 (USACE, 1977)	Column 2 (FEMA, 2016)	Column 3 (USGS 17B – *Note 1*)
2 YR	NR	NR	3,671
5 YR	NR	NR	8,875
10 YR	20,000	10,112	14,260
50 YR	59,500	23,705	33,450
100 YR	91,000	29,513	45,500
500 YR	232,000	46,319	85,680

NR: Not Reported.

Note 1: Results of the USGS Bulletin 17B procedure are based on data through water year 2017. The historic record for the June, 1965 flood (123,000 cfs) departed significantly from the overall trend and was discounted as an outlier in the flood frequency analysis per 17B guidelines.

There is a clear discrepancy in the peak flood discharges between each source presented in Table 4. The difference in the flood discharges obtained in the 1977 report by the USACE can be attributed to the time elapsed between analyses. The disparity between the results of the 17B analysis (Column 3) and the FIS-adopted discharges (Column 2) is perhaps a little more subtle; an anecdotal assessment will be attempted here. The peak flood discharges published in the Logan County FIS were determined as a result of a detailed, basin-wide hydrological study completed in 2011 (Reference 4). The study therefore did not capture the significant flooding events of 2013 and 2015, which produced peak discharges of 51,000 cfs and 17,300 cfs at the Balzac gage, respectively. Though this may not fully account for the disparity, a detailed analysis is beyond the scope of this report. For the purposes of this study, the peak flood discharges obtained using the USGS Bulletin 17B procedure will be adopted in the hydraulic design of the alternatives presented herein.

Table 5: Mean Monthly Flows, South Platte River

MONTH	MEAN FLOW (CFS)
November	203
December	309
January	444
February	413
March	357
April	484
May	1,216
June	1,839
July	484
August	375
September	378
October	260

Table 6: Flow Duration Data, South Platte River

PERCENT EXCEDENCE	STREAMFLOW (CFS)
10	1,080
20	590
30	348
40	236
50	177
60	132
70	80
80	30
90	16

Need for the Project

The SDC is undertaking repairs to their headgate and diversion structure to ensure that it can continue to divert water from the South Platte River. The current facility is comprised of three major components: 1) the ditch intake structure; 2) the concrete diversion barrage; and, 3) a sand dam.

The ditch intake is a concrete structure with two (2) 5-foot wide vertical steel slide gates used to adjust flows into the ditch. Although the vertical gates have been recently retrofitted and are in good condition, the concrete structure on which they are anchored is showing signs of age and deterioration; minor spalling and fatigue cracking are clearly visible on the face of the structure.

The diversion barrage, or river structure, consists of a 4.5-foot tall, 150-foot long concrete wall located in the river channel used to raise the upstream water surface so that a sufficient quantity of water may be

diverted into the ditch intake. The original structure is at least 53 years old, as there is a date of January 1965 scrawled into the top of the ditch intake wall, and included several flashboard bays separated by piers and surmounted by an operating platform that spanned the width of the channel. This design rendered the structure susceptible to ensnarement with debris. As a result, the operating platform and original piers where removed in the early 1990s and replaced with a solid rollover wall with five, 3-foot wide openings for flushing sand. The sand chutes in the rollover wall allow for marginal sediment passage and present a safety concern for the SDC. The chutes are accessed by traversing across the top of the rollover wall, which is frequently submerged and covered with organic matter, making the surface slippery and treacherous. As a result, the sand chutes are not often utilized to their full capability.

The existing structure is positioned in a braided section of the river where the flow splits into two channels. It is clear from aerial photos (supported by years of operating the headworks) that the river is morphologically inclined to occupy the north channel, opposite the structure. As such, at times of low river flow a sand dam is pushed into position about 2,000 feet upstream of the structure at the point of divergence to divert water into the south channel. During periodic surges in streamflow, the sand dam is often washed away creating a water shortage when the river stage recedes and water preferentially flows through the north channel. It has been noted by the SDC that the sand dam has washed out in the past under flows as little as 1,500 cfs (a 1-year recurrence interval event).

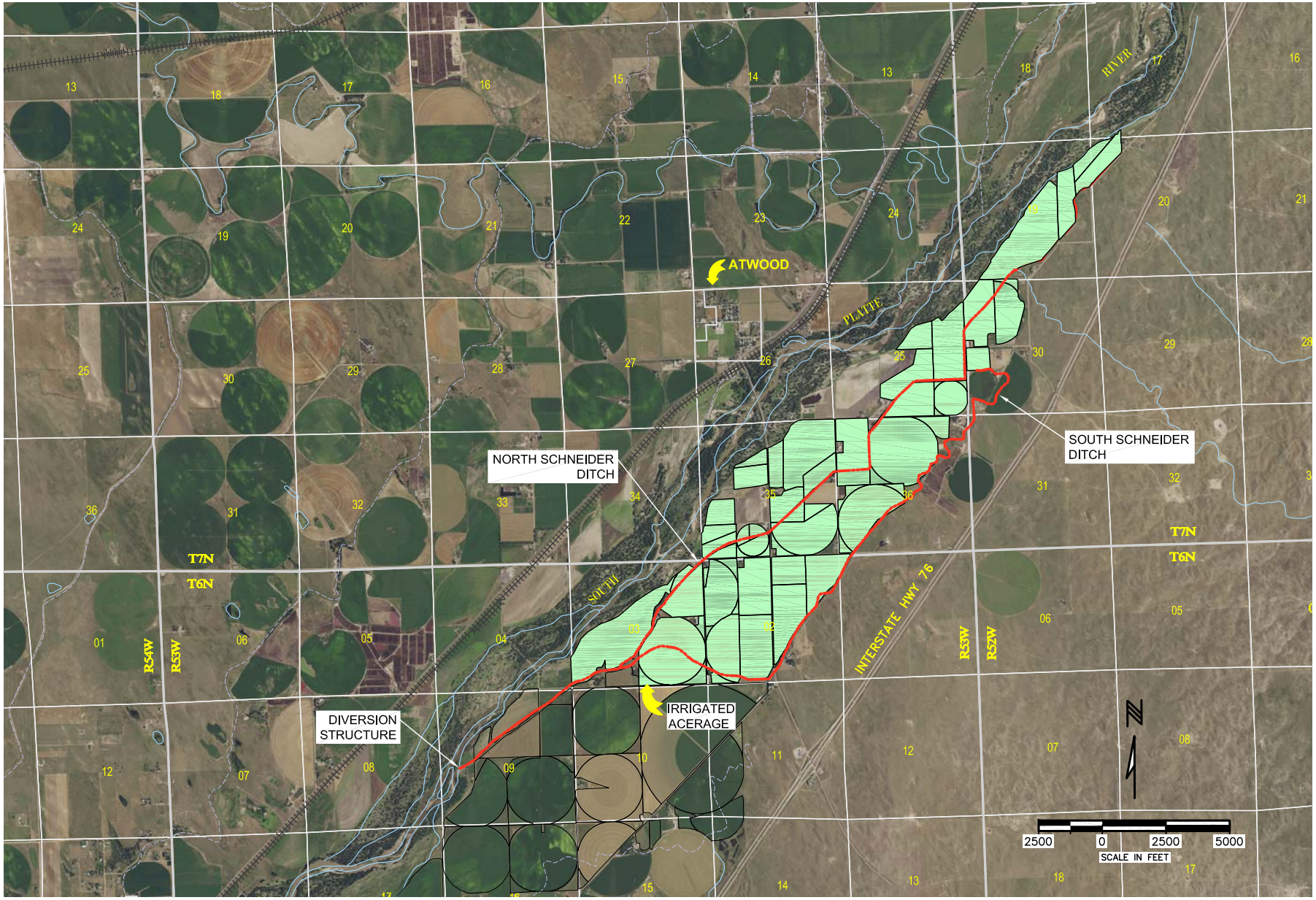
It is also thought that the structure's position in the channel does not facilitate stream conveyance into the south channel. A field survey of the site revealed that the floor of the river structure is approximately 3-feet higher than the downstream channel. In fact, elevation data acquired by a Lidar survey conducted after the 2013 flood (Reference 5) showed that there is very little difference between the elevation at the structure and the elevation at the point of divergence of the north and south channels. This leaves very little energy slope to 'drive' streamflow through the south channel to the structure. As a result, channel velocities are low enough to impede bedload transport and to allow sediment to drop out of suspension. Sedimentation poses a significant impediment to ditch operations. At least once a year, the SDC must have the river channel dredged upstream of the structure – at times as much as 2,000 feet – in order to get water to the intake. The SDC estimates the average annual cost associated with this activity at $12,500, based on Company financial records and field observation of the work. This equates to one-quarter of current annual shareholder assessment.

Additional problems with the existing structure include undermining on the back face of the structure as a result of scour, seepage under the south abutment adjacent to the ditch intake structure, and the detainment of debris. Photos of the existing structure can be found on pages 7 through 9.

Hydraulic Design Criteria

To evaluate the ability of proposed structures to safely pass floods and meet irrigation demands, the following hydraulic design criteria was applied:

- Flood condition: Safely pass the 10-year flood without inundating the non-overflow sections of the structure. Scour protection is designed for the 2- and 5-year floods, as tailwater depths associated with larger floods inhibit the potential for bed scour.
- Average flow condition: River discharge taken as mean monthly flow for August. The diversion requirement is equal to the historic maximum flow.
- Low flow condition: River discharge is taken as the 70 percent exceedance flow. The diversion requirement is equal to the historic average diversion for the month of August.



HEC	HARRIS ENGINEERING CONSULTANTS, INC. 21484 County Road T.5 Fort Morgan, CO 80701 (970) 542-0423	SCALE:	1" = 2500'	SCHNEIDER DITCH DIVERSION STRUCTURE REPAIR PROJECT PROJECT SERVICE AREA	
		DRAWN:	MCH		
		CAD FILE:	18001 SCHNEIDER DITCH MAP VX.DWG	DATE: 07/16/18	FIGURE 1 REV. A

Photo 1: South Abutment and Ditch Intake (looking downstream). ***Note sediment deposition in front of headgate.***

Photo 2: Upstream Face of Diversion Barrage (view looking north).

Photo 3: Void Under Structure Floor Caused by Scour (view looking upstream).

Photo 4: Sand Deposit and Dredging Windrow Upstream of Dam (sand chutes are fully open).

Photo 5: Fatigue Cracking on South Abutment Wall. ***Note exposed timber piling at lower left.***

Photo 6: Ditch Intake Structure.

Alternatives Evaluated

A range of alternatives were considered including 1) do not build the project; 2) construct a grade control structure across the north channel to replace the sand dam; 3) retrofit the existing structure with a radial gate to increase sediment flushing capacity; 4) construct a new diversion structure on the south channel near the location of the existing structure; or, 5) construct a new diversion structure downstream of the channel confluence.

A subjective evaluation of the alternatives follows:

1. Do not build the project:

   If this project is not pursued, the headworks will continue to deteriorate and the Company will continue to invest a significant amount of capital each year in remedial activities required to maintain the channel upstream. As a worst case scenario, if the diversion dam fails, the shareholders would be unable to divert on average 9,409 acre-feet per year of irrigation water. This event, if it occurred early in the irrigation season, could lead to a complete loss of crops reliant on the Schneider Ditch. The value of affected irrigated lands in the SDC system could potentially drop from $4600 to $1260 per acre, consistent with average land values for irrigated and dryland farm ground in the State of Colorado. Even under the best case, shareholders will continue to bear the capital burden associated with dredging the upstream river channel as a result of the inadequate sediment passing capability of the existing structure.

2. Construct a grade control structure across the north channel to replace the sand dam:

   This alternative would involve the construction of a sheet pile wall, approximately 140 feet in length and 3 to 4 feet in height, across the river channel just downstream of the point of divergence (about 2,000 feet upstream of the existing structure). Rip rap would be copiously placed around the structure to inhibit erosion and scour. The principle objectives of this alternative are to raise the water surface elevation upstream of the structure to facilitate stream conveyance into the south channel and to reduce maintenance associated with the sand dam. The cost of this alternative would be approximately $265,000. As described, this structure would require 404 permitting under the U.S. Army Corps of Engineers. If the structure were moved adjacent to the existing point of diversion, it may then qualify as an appurtenant structure and fall under the statutory exemption to the permitting requirement; however, the proposed wall would need to be lengthened in order to span the channel at this location. Placement of this structure will impose additional stress on the banks of the north channel. This may result in flanking during a high water event that could further destabilize the existing diversion structure if a channel were to be incised around the south side of the proposed sheet pile wall. This alternative also does nothing to address the sediment carrying deficiency and seepage issue inherent to the existing structure. For the reasons above, this alternative was not selected.

3. Retrofit the existing structure with a radial gate to increase sediment flushing capacity:

   To improve the ability of the structure to pass sediment, this alternative proposes a replacement of a section of the rollover wall with an 8-foot wide steel tainter, or radial arm, gate. The seepage issue at the south abutment would also be addressed by installing a new retaining wall atop galvanized sheet piling at the south end of the structure. The radial gate would be protected by a concrete curtain wall and platform. A new concrete pier would also be required to provide anchorage for the gate trunnion. No improvements to the ditch intake are included in this alternative. The cost of this alternative is $214,000. To avoid risking the stability of the existing

structure, a new gate would be placed atop the existing concrete floor of the diversion barrage. The radial arm gate will increase the capacity of the structure to pass sediment, but only to the level of the structure floor, which is approximately three feet above the downstream channel. Therefore, even with the gate open, there will still be an artificial reduction in the energy slope across the south channel, and thus a proclivity for the river to occupy the north channel with a tendency for sediment to drop out of suspension and accumulate in the south channel. In light of this, the SDC will have to maintain a vigilant and proactive approach in sediment flushing operations. Further, this alternative does nothing to address the deteriorating condition of the ditch intake structure, or the diversion barrage. For these reasons, this alternative was not selected.

4. Construct a new diversion structure on the south channel near the location of the existing structure:

This alternative would consist of the complete removal and replacement of the existing structure. The new structure would include a 60 foot section of a 7-foot tall inflatable bladder gate to act as a service spillway in the river channel. The balance of the channel would be spanned by a concrete rollover wall. A 10 foot section of bladder gate, 4 feet tall, would serve as the ditch headgate. A 10 foot wide radial gate will be placed in front of the ditch intake to enhance sediment control during the irrigation season. Provisions may be included for the future addition of a low head hydroelectric turbine. The floor of the new structure will be approximately 2.5 feet lower than the existing structure, just above the downstream channel grade. This alternative will solve problems associated with the current operational status of the diversion. Lowering the bladder gate during times of high river flow will greatly reduce the stress on the entire intake system. This structure will also greatly improve sediment passage and eliminate the need to dredge the upstream channel on an annual basis. However, because of the tendency of the river to occupy the north channel, a sand dam will still likely be required during low flows to ensure that a sufficient quantity of water is delivered to the headworks. The cost of this alternative is approximately $1,232,550.

5. Construct a new diversion structure downstream of the channel confluence:

Similar to alternative #4, this alternative would include the complete removal and replacement of the existing structure. The new structure would be placed approximately 500 feet downriver to a location downstream of the confluence of the north and south channels. The structure would include a 100 foot section of inflatable bladder gate, 7.5 feet tall, to act as a service spillway in the river channel. The balance of the channel would be spanned with a concrete rollover wall. A 10 foot section of bladder gate, 4 feet tall, would serve as the ditch headgate. A 10 foot wide radial gate will be placed in front of the ditch intake to enhance sediment control during the irrigation season. Provisions may be included for the future addition of a low head hydroelectric turbine. This alternative would have the same benefits as alternative #4 but would eliminate the need for the sand dam. The cost of this alternative is approximately $1,816,650. Because of the high cost, this alternative was not selected.

The Selected Project

The SDC plans to construct alternative #4. Features of this alternative are as follows:

– The new concrete structure will be supported on friction piling driven into the riverbed. Steel sheet piling will be driven around the perimeter of the foundation to preclude seepage, reduce

uplift pressures and exit gradient, and confine the material under the foundation during all conditions of river flow and turbulence.

- The bladder gates will have monolithic streel reinforced concrete floors. The floors will have a minimum thickness of 15 inches.
- The rollover wall and retaining walls at the abutments of the structure will be steel reinforced concrete. The rollover wall will have a minimum thickness of 15 inches.
- The diversion barrage, or river structure, will include a 10 foot wide radial arm gate located immediately adjacent to the ditch intake structure in addition to 60 feet of Pneumatically Actuated Bladder Gate furnished by Obermeyer Hydro, Inc. (Obermeyer). The gates will be 7 feet in height and constructed of 304L stainless steel.
- The ditch intake structure will consist of 10 feet of Pneumatically Actuated Bladder Gate furnished by Obermeyer. This gate will be 4 feet high and will be located at the south abutment. Orientation of the ditch intake structure will be approximately perpendicular to the river structure.

The features narratively described above are shown on the preliminary set of plans found in Appendix C.

Cost Estimate

The estimated total project cost is $1,232,550. A detailed cost estimate is attached in Appendix D.

Item	Estimated Cost
1. Planning, Design, and Legal Costs	$ 54,000
2. Construction Cost	$ 1,066,500
3. Contingency @ 10%	$ 112,050
Total Cost	$ 1,232,550

Implementation Schedule

The proposed implementation schedule anticipates a completed project by mid-January of 2020. This is based on construction over the late fall and early winter, when conditions in the river are optimal. The milestone dates are as follows:

Task	Date
1. Feasibility Study Submitted to CWCB	12/01/18
2. Preliminary Design	12/30/18
3. Feasibility Study Review and Approval by CWCB	01/15/19
4. Order Long Lead Time Items (piling, gates)	05/15/19
5. Complete Final Design	06/30/19
6. State Reviews and Approvals	07/30/19
7. Bidding and Contract Award	09/16/19
8. Notice to Proceed with Construction	09/23/19
9. Begin Construction	09/30/19
10. Complete Construction	01/15/20

Social, Economic, and Physical Impacts

The project will have no significant social impacts.

The construction activity itself will result in short term, localized economic benefits. The primary economic impact, however, will be borne by the shareholders who will assume a considerable increase in annual assessments to subsidize the acquired debt service. This may be offset somewhat by obviated maintenance expenditures. As previously noted, work currently required to maintain the upstream channel accounts for, on average, $100 of the current annual shareholder assessment of $400 per share. It is anticipated that the features included in the new structure will relieve the Ditch Company of this annual maintenance requirement. From a reliability perspective, the project will have a long term positive economic impact by assuring continued diversions into the Schneider Ditch. As indicated before, the 'no action' alternative is not acceptable.

The project will have no significant negative physical impacts once construction is complete. Positive environmental impact include: improved sediment passage; river continuity for habitat migration (when the bladder gate in the river is sufficiently lowered); and reliable delivery of water to fish and waterfowl ponds owned and operated by Colorado Division of Parks and Wildlife.

Permitting

The Company will need to acquire an easement for electric service. All other easements and rights of way have been arranged for.

The Company expects to be exempt from 404 permitting by Statutory Exemption, 33 CFR Section 323.4 (a) 3 (repair of an existing diversion structure).

The Company believes no Environmental Assessment (EA) or Environmental Impact Statement (EIS) will be required.

Financial Plan

The total cost of the project is $1,232,550. The SDC is requesting a 30-year loan from the Colorado Water Conservation Board (CWCB). The CWCB now offers loans to fund 100-percent of the project cost, with lending rates that generally follow the bond market. At the time this report was drafted, the standard agricultural lending rate was 1.85 percent. The financial analysis summarized in Table 7 is based on a 100-percent loan from the CWCB.

Table 7: Project Loan Summary

Total Project Cost (rounded)	$	1,232,550
1% CWCB Service Fee	$	12,326
CWCB Loan (including 1% service fee)	$	1,244,876
Annual Payment (30 year term @ 1.85%)	$	54,444
Number of Shares		125
Annual Cost per Share for Loan	$	435.55
Current Assessment per Share	$	400.00
New Assessment per Share	$	835.55
Annual Project Cost per acre-foot – *Note 1*	$	5.79

Note 1: Based on an average annual diversion of 9,409 acre-feet.

A $1,244,876 loan from the CWCB (includes a 1% origination fee) at 1.85% interest over a 30-year repayment period calculates to an annual payment of approximately $54,444. As there are only 125 shares in the SDC, this results in a project cost per share of $435.55 per year. Based on an average annual diversion of 9,409 acre-feet of water, the project will entail an incremental rate of $5.79 per acre-foot. Considering the existing assessment of $400 per share, the total cost of water diverted after the project is complete will be $11.26 per acre-foot. This financial analysis should stay consistent over the period of the CWCB debt retirement.

Alternative Financing Considerations

The SDC has identified the Colorado Water Plan Grant Program as a potential source of additional funding for the project. The program was initiated in 2017 to help fund projects that implement the goals set forth in the Colorado Water Plan (CWP), a policy document drafted in 2015 that defines the State's priorities with regard to the management of water. The program is administrated by the CWCB and can provide up to a 50-percent match of the total project cost for eligible projects. CWCB water project loans qualify as matching funds. Applications for projects are accepted twice a year, February 1st and August 1st, and are reviewed at regularly scheduled Board meetings. Projects are ranked based on their conformance with CWP criteria, Basin Roundtable Implementation Plans, and their ability to produce the measurable objectives defined in the CWP.

The SDC intends to apply for additional funding through the CWP grant program. Application deadlines for the 2019 grant cycle are in February and August.

Collateral

The SDC has the following collateral it can offer for the CWCB loan, in this order of preference:

1. The project itself. The project will be owned by the SDC and can be offered by vote of the stockholders.
2. A pledge of assessment revenue of the SDC stockholders, if approved by vote.
3. One annual payment in the form of a Certificate of Deposit (CD), to be held by the State Treasurer.

Institutional Considerations

If grant funding is not approved, the SDC would need authorization to borrow $1,232,550 from the CWCB Construction Fund. The loan, if approved, from the CWCB will be contingent upon the successful negotiation of a contract between CWCB and the SDC. Agreements with contractors will be finalized upon authorization of the CWCB loan.

If the SDC is awarded grant funding, the implementation schedule may need to be modified to meet the conditions of award.

Opinion of Feasibility

The selected alternative is technically and financially feasible. There are no significant roadblocks, which would keep the SDC from successfully completing this project.

References

1) **Flood Insurance Study for Logan County, Colorado and Incorporated Areas**, Federal Emergency Management Agency, Flood Insurance Study No. 08075CV000A, May, 2016.

2) **Guidelines for Determining Flood Flow Frequency: Hydrology Subcommittee Bulletin 17B**, U.S. Department of the Interior Geological Survey, Revised September, 1981.

3) **Special Flood Hazard Information Report, South Platte River, Volume III, Logan – Sedgwick County, Colorado**, U.S. Army Corps of Engineers, June, 1977.

4) **Hydrology Report for the South Platte River**, ICON Engineering, Inc., March 2011, revised May 2011.

5) **7.5-Minute Series Topographic Maps**, U.S. Department of the Interior, Geological Survey, Scale 1:24,000, Contour Interval 10 Feet: Merino, Colorado (1971); Atwood, Colorado (1951); Sterling South, Colorado (1951).

6) **Digital Elevation Models,** Colorado GeoData Cache, Colorado Governor's Office of Information Technology, https://geodata.co.gov/, November, 2017.

7) **Open-Channel Hydraulics**, Chow, Ven Te, McGraw-Hill, Inc., 1959.

8) **HEC-RAS River Analysis System, Version 4.1.0**, U.S. Department of the Army, Corps of Engineers, Hydrologic Engineering Center, January 2010.

9) **Land Values 2017 Summary**, U.S. Department of Agriculture, National Agricultural Statistics Service, August 2017.

APPENDIX A

Articles of Incorporation and Bylaws

DT 19871001462

AMENDMENT TO ARTICLES OF INCORPORATION OF

FILED
DONETTA DAVIDSON
COLORADO SECRETARY OF STATE

SCHNEIDER DITCH COMPANY

A COLORADO CORPORATION

20001134426 M
$ 25.00
SECRETARY OF STATE
07-10-2000 15:44:00

KNOW ALL MEN BY THESE PRESENTS, that the following amendment to the Articles of Incorporation of the Schneider Ditch Company was approved by at least two-thirds of the stockholders of said corporation at a meeting of stockholders on 6 June 2000 at which a quorum was present.

Article XI is added: Article XI Indemnification of Trustees and Officers

1. The Company shall indemnify any person who was or is an involuntary party or is threatened to be made a party to any threatened, pending or contemplated action, suit or proceeding, whether civil, criminal, administrative, or investigative (other than an action by or in the right of the Company) by reason of the fact that he is or was a trustee, officer, employee, fiduciary or agent of the Company or is or was serving, at the request of the Company as a trustee, officer, employee, fiduciary or agent of another Company, partnership, joint venture, trust or other enterprise, against expenses (including attorney fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with such action, suit, or proceeding, if he acted in good faith and in a manner he reasonably believed to be in the best interests of the Company and, with respect to any criminal action or proceeding had no reasonable cause to believe his conduct was unlawful. The termination of any action, suit, or proceeding by judgment, order, settlement, or conviction, or upon a plea of nolo contendre or its equivalent shall not of itself create a presumption that the person did not act in good faith and in a manner which he reasonably believed to be in the best interest of the Company and, with respect to any criminal action or proceeding, had reasonable cause to believe his conduct was unlawful.

2. The Company shall indemnify any person who was or is a party defendant or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the Company to procure a judgment in its favor by reason of the fact that he is or was a trustee, officer, employee, fiduciary or agent of another Company, partnership, joint venture, trust or other enterprise against expenses (including attorney fees) actually and reasonably incurred by him in connection with the defense or settlement or such action or suit if he acted in good faith and a manner he reasonably believed to be in the best interest of the Company; but no indemnification shall be made in respect to any claim, issue, or matter as to which such person has been adjudged to be liable for negligence or misconduct in the performance of his duty to the Company unless and only to the

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extent that the court in which such action or suit was brought determines upon application that despite the adjudication such person is fairly and reasonably entitled to indemnification for such expenses which such court deems proper.

3. To the extent that a trustee, officer, employee, fiduciary or agent of the Company has been successful on the merits in defense of any action, suit or proceeding referred to in preceding paragraphs or in defense of any claim, issue, or matter therein, he shall be indemnified against expenses (including attorney fees) actually and reasonably incurred by him in connection therewith.

4. Any indemnification under this Article (unless ordered by a court) shall be made by the Company only as authorized in a specific case upon determination that indemnification of the trustee, officer, employee, fiduciary or agent is proper in the circumstances because he has met the applicable standard of conduct set forth in paragraphs A. or B. above. Such determination shall be made by the Board of Trustees by a majority vote of a quorum consisting of trustees who were not parties to such action, suit, or proceeding, or if such a quorum is not obtainable, or, even if obtainable, if a quorum of disinterested trustees so directs, by independent legal counsel in written opinion.

5. That expenses (including attorney fees) incurred in defending a civil or criminal action, suit, or proceeding may be paid by the Company in advance of the final disposition of such action, suit, or proceeding as authorized in this Article upon receipt of an undertaking by or on behalf of the trustee, officer, employee, fiduciary or agent to repay such amount unless it is ultimately determined that he is entitled to be indemnified to the Company as authorized by this Article.

6. That the indemnification provided by this Article shall not be deemed exclusive of any other rights to which those indemnified may be entitled to under any other Article, agreement, vote of Shareholders or disinterested trustees, or otherwise any procedure provided for by any of the foregoing, both as to action in his official capacity and as to action in another capacity while holding such office, and shall continue as to a person who has ceased to be a trustee, officer, employee, fiduciary or agent and shall inure to the benefit of heirs, executors, and administrators of such a person.

7. That the Company may purchase and maintain insurance on behalf of any person who is or was a trustee, officer, employee, fiduciary or agent of the Company or who is or was serving at the request of the Company as a trustee, officer, employee, fiduciary or agent of another Company, partnership, joint venture, trust, or other enterprise against any liability asserted against him and incurred by him in any such capacity or arising out of his status as such, whether or not the Company would have the power to indemnify him against such liability under provisions of this

Article.

Beyond the amendments identified herein, no other amendments were made to the Articles of Incorporation.

EXECUTED this 6 day of June, 2000.

President

ATTEST:

(seal)

Secretary

STATE OF COLORADO)
)
COUNTY OF WELD)

The undersigned hereby certify that they are the duly elected, qualified, acting and hereunto authorized officers of the aforesaid corporation and that the foregoing Amendment to the Articles of Incorporation constitutes a true and complete copy of the Amendment to the Articles of Incorporation of the Schneider Ditch Company adopted by the stockholders of said corporation and presently in force and effect.

IN WITNESS WHEREOF the undersigned sign this acknowledgment this 6 day of June, 2000.

President

Secretary

STATE OF COLORADO)
)
COUNTY OF WELD)

I, Deanna J. Esker, a Notary Public in and for the said County of Weld, State of Colorado, do hereby certify that, Reno Datteri, President, who is personally known to me to be the person whose name is subscribed to the annexed and foregoing Amendment to Articles of Incorporation, personally appeared before me this date and acknowledged that he signed, sealed, and delivered the said instrument of writing as his free and voluntary act, for the uses and purposes therein set forth.

WITNESS my hand an seal this 6th day of June, 2000.

Deanna J. Esker
Notary Public

My Commission Expires: 3/11/2002

STATE OF COLORADO)
)
COUNTY OF WELD)

I, Deanna J. Esker, a Notary Public in and for the said County of Weld, State of Colorado, do hereby certify that Patty Michel, Secretary, who is personally known to me to be the person whose name is subscribed to the annexed and foregoing Amendment to Articles of Incorporation, personally appeared before me this date and acknowledged that he signed, sealed, and delivered the said instrument of writing as his free and voluntary act, for the uses and purposes therein set forth.

WITNESS my hand an seal this 6th day of June, 2000.

Deanna J. Esker
Notary Public

My Commission Expires: 3/11/2002

OFFICE OF THE SECRETARY OF STATE
OF THE STATE OF COLORADO

CERTIFICATE OF DOCUMENT FILED

I, Wayne W. Williams, as the Secretary of State of the State of Colorado, hereby certify that, according to the records of this office, the attached document is a true and complete copy of the

Articles of Incorporation

with Document # 19871001462 of
SCHNEIDER DITCH COMPANY

Colorado Corporation

(Entity ID # 19871001462)

consisting of 9 pages.

This certificate reflects facts established or disclosed by documents delivered to this office on paper through 01/12/2018 that have been posted, and by documents delivered to this office electronically through 01/16/2018@ 11:39:41.

I have affixed hereto the Great Seal of the State of Colorado and duly generated, executed, and issued this official certificate at Denver, Colorado on 01/16/2018 @ 11:39:41 in accordance with applicable law. This certificate is assigned Confirmation Number 10658431 .

Secretary of State of the State of Colorado

**********End of Certificate**********

Notice: A certificate issued electronically from the Colorado Secretary of State's Web site is fully and immediately valid and effective. However, as an option, the issuance and validity of a certificate obtained electronically may be established by visiting the Validate a Certificate page of the Secretary of State's Web site, http://www.sos.state.co.us/biz/CertificateSearchCriteria.do entering the certificate's confirmation number displayed on the certificate, and following the instructions displayed. Confirming the issuance of a certificate is merely optional and is not necessary to the valid and effective issuance of a certificate. For more information, visit our Web site, http://www.sos.state.co.us/ click "Businesses, trademarks, trade names" and select "Frequently Asked Questions."

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ARTICLES OF INCORPORATION

of

THE SCHNEIDER DITCH COMPANY

KNOW ALL MEN BY THESE PRESENTS: That we, C. A. PERKINS, [illegible]. Hall, and T. A. PROPST, do hereby unite and associate ourselves as a corporation under the name and style of THE SCHNEIDER DITCH COMPANY, for the purpose of becoming a body corporate and politic under and by virtue of the laws of the State of Colorado; and, pursuant to the provisions of the laws of said State, we do hereby make, execute and acknowledge in duplicate these written Articles and certificate of our intention to so become a body corporate under and by virtue of said laws.

- I -

The corporate name and style of our said association shall be THE SCHNEIDER DITCH COMPANY.

- II -

The principal office of this corporation shall be kept in the City of Sterling, County of Logan, State of Colorado.

- III -

The principal business and operations of this corporation shall be carried on in the County of Logan and State of Colorado.

- IV -

The said corporation is to exist for a period of twenty years.

The object for which this corporation is formed and incorporated is, -

(a) To extend the corporate life of The Schneider Ditch Company, a ditch company first organized on the 12th day of March, 1878, the object of which was then declared to be:

> to construct, dig, build or acquire and operate for irrigating, stock and other purposes, a ditch leaving the South Platte river in or about the SW¼ Sec. 9 Towns. 6 N. Range 53 W. running in a northeasterly direction through Sections 9, 3, and 2 of Towns. 5 and Sections 35, 30 and 25 of Township 7, N. Range 53 W; ending in or about the SE¼ Sec. 19, Towns. 7 N. Range 52 W, together with such gates, head gates and flumes as may be necessary for the full and perfect operations of said ditch, and such laterals or side ditches as may be required for the full and perfect operation of said ditch, and to run the water of the said South Platte river through the above mentioned ditch gates, head gates, flumes and side ditches for irrigating, stock, and other purposes,"

and was thereafter, by action of the stockholders of said corporation, extended and renewed for a further period of twenty years from the 30th day of April, 1897.

(b) To extend the corporate life of said The Schneider Ditch Company for a period of twenty years from the date hereof, pursuant to action of the stockholders in stockholders meeting duly called, as provided by law, and held at Sterling, Colorado on the 28th day of February, 1919, the purpose for said meeting so called being to present the question of the extension of the corporate life of said company for a period of twenty years, and for the purpose of submitting to said meeting amendments to

t e Articles of Incorporation of said company, to-wit:" (1)
t at said Articles be amended to provide an increase of the
c pital stock; (3) to provide means of collecting assessments
c capital stock; and (3) to present the proposition of filing
r w articles of incorporation in connection with the extension
f the corporate life, which articles will be presented in full
o said meeting;"

And, whereas, at said meeting the question of renewal
f the corporate life of The Schnieder Ditch Company was sub-
itted to the votes of the stockholders of said company at the
meeting held in pursuance of said notice, and at which meeting
a majority of all the stock of the said corporation was represented
in person and by proxy, and each stockholder present, by person
and by proxy did cast a vote for each share of stock or proxy
held by him, and a majority of the votes so cast were found to
be in favor of the renewal of the corporation; and

L. A. Schnieder, as President and T. A. Trapal

as Secretary of said company were duly authorized to certify
under the corporate seal of said company the necessary certificates
and as many thereof as required to file one in the office of
the Secretary of State of Colorado, and one in the office of
the County Clerk and Recorder of Logan County, Colorado, that
the corporate life of said company be renewed for another term
of not exceeding twenty years, and that all stockholders shall
have the same rights in the renewed corporation as they had in
the company as originally formed, extended and amended, with such
additional rights as may be provided for herein.

(c) To maintain and operate the certain ditch owned by The Schneider Ditch Company, and known as "the Schneider ditch," as a mutual ditch company for the use and benefit of and in the interest of the stockholders of said company, and to distribute the waters carried by said ditch under its appropriations in water district No. 64, to the stockholders of said company, pro rata, as the stock owned by each individual stockholder is to the entire stock issued by said company.

(d) To provide for the maintenance and operation of said ditch and the distribution of the waters carried therein, by annual assessments to be levied as provided by law, and which assessments, when made, shall be a lien upon the capital stock of each stockholder until the payment thereof, and enforcible as may be provided by the by-laws of said company.

(e) To borrow money, to make and issue necessary promissory notes, bills of exchange, bonds, debentures, or other evidences of indebtedness of all kinds, whether secured by mortgage, pledge, or otherwise; and to secure the same by mortgage, pledge, or otherwise, when necessary for the maintenance and operation of the property of the company.

(f) To purchase, acquire, hold, sell and convey such real and personal property as may be necessary or proper for the business or purpose of this corporation, and generally to do any and all things which may be necessary or proper in connection with said business.

- VI -

The capital stock of said corporation shall be Twelve Thousand Five Hundred Dollars, to be divided into one hundred twenty-five shares of the par value of $100.00 each.

- VII -

The affairs and management of said corporation ... to be under the control of a board of three directors, and the affairs and management of said corporation for the first year is to be under the control of C. A. Perkins, W. F. Haas and T. A. Propst, the present Board of Directors of said company, and who are hereby selected to act as said Board of Directors and manage the prudential affairs and business concerns of said corporation for the first year. Cumulative voting shall be allowed.

- VIII -

The directors shall have power to make such prudential by-laws as they deem proper for the management and control of this corporation, according to the statutes in such case made and provided, and particularly to provide a method of procedure for the sale of the capital stock held by stockholders who are in default in payment of assessments for the maintenance and operation as provided by law.

- IX -

These Articles are adopted in meeting of the stockholders of The Schneider Ditch Company assembled, pursuant to notice duly given of said stockholders meeting, by more than a two-thirds vote of the stockholders present, and C. A. Perkins, W. F. Haas and T. A. Propst are hereby appointed the committee of said stockholders, to make, publish and declare these Articles of Incorporation for and on behalf of the stockholders of The Schneider Ditch Company.

These Articles are adopted in lieu of the Articles of Incorporation of said company and the amendments thereto as heretofore made and declared, and they are hereby declared to be the only Articles of Incorporation of this company, and to supersede all provisions of the former articles and amendments thereto.

In witness whereof, we have set our hands and affixed our seals, this 28th day of February, A. D. 1919

C. A. Perkins
W. F. Haas
T. A. Propet

STATE OF COLORADO)
) ss
COUNTY OF LOGAN)

On this 28th day of February, A. D. 1919, before me, Marcus C. Leh, a Notary Public within and for the County and State aforesaid, personally appeared C. A. Perkins, W. F. Haas and T. A. Propet, to me personally known to be the identical persons whose names are subscribed to the foregoing Articles of Incorporation, and to me known to be a committee of the stockholders of The Schneider Ditch Company, appointed for the purposes therein set forth, and each for himself, severally acknowledged that he signed and sealed the same as his free and voluntary act, for the uses and purposes therein set forth.

Witness my hand and Notarial seal, this 28th day of February, A D. 1919

My commission expires April 27. 1921.

Marcus Leh
Notary Public

5-71-17

This document has been inspected and properly Entered on the Records of The Flat Tax Department

Date Mar 10-1919

G. Watters Clerk

Recorded by
Fecelin

Date Mch 27-1919

Checked by
Wasuyan Smith

Indexed by

ARTICLES OF INCORPORATION

of

THE SCHNEIDER DITCH COMPANY

- - - - -

DOMESTIC

FILED in the office of the Secretary of State of the State of Colorado, on the 8 day of ... A.D. 1919, at ... o'clock ... M.
Recorded in Book 179X Page 180
JAMES R. NOLAND, Secretary of State.
By Floyd ... Deputy.
Filing Clerk ... Fees ...

D-20.00 12234 MAR-8-19

This document has been inspected and properly Entered on the Records of The Flat Tax Department.

OK

Date Sept. 20, 1968

... Clerk

STATE OF COLORADO,
County of Logan } ss.

To Whom It May Concern:

This is to certify that a special meeting of the stockholders of the Schneider Ditch Company, a Colorado corporation, was held at Sterling, Colorado on the 14th day of February, A. D. 1936, such meeting having been called by the stockholders representing at least ten per cent (10%) of the entire capital stock of the company outstanding. Notice of such meeting, as provided by law, was published at least once not more than thirty days and at least ten days prior to the date fixed for said meeting in a newspaper printed at Sterling, Colorado, State of Colorado, and notice of said meeting was delivered personally or mailed to each stockholder thirty (30) days prior to the date of such meeting, there being represented at such meeting 109½ shares of the capital stock of said company out of a total of 125 shares outstanding.

At said meeting a resolution was passed to extend the corporate existence of this said corporation* perpetually, from and after the date of the expiration of its corporate life,† the resolution receiving a MAJORITY vote of all the outstanding stock of the corporation. The president and secretary were authorized to certify this resolution under the corporate seal of the company, to file such certificate with the Secretary of State of the State of Colorado, and to file duplicate certificate under seal of the company in the office of the Recorder of Deeds in each county or counties wherein the company may do business in the State of Colorado, and in pursuance of such resolution, we do hereby certify the same under the seal of the company.

W. E. Logan
President.

(Corporate Seal)

F. C. Probst
Secretary.

*Corporate existence may be renewed perpetually or for any specified number of years.
†This certificate of renewal shall be filed before or within one year after the expiration of the charter to be so renewed.
Fee for filing certificate of renewal is $20.00 for $50,000 or less and twenty cents for each additional or fractional part of one thousand dollars of authorized capital stock, plus $5.00 for certificate of authority.

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CERTIFICATE OF RENEWAL

OF THE

CERTIFICATE OF INCORPORATION

OF

The Schneider Ditch Company

DOMESTIC

RECORDED

BOOK 425 PAGE 382

FILED in the office of the Secretary of the State of Colorado on the 6 day of March A.D. 19.. at 9:45 o'clock A.M.

GEORGE E. SAUNDERS
Secretary of State

7.50

Filing Clerk ...

MLR-659 00578 A (4) —

3.5.

This document has been inspected and properly Entered on the Records of The Flat Tax Department.

Date March 7, 19..

McWhite C.

This document has been inspected and properly entered on the Records of The Flat Tax Department.

O.K.

Date Sept. 22, 1968

Clerk

BY-LAWS
OF THE
SCHNEIDER DITCH COMPANY

All By-Laws of the Schneider Ditch Company heretofore adopted are hereby repealed, but the repeal of said by-laws shall not be held to effect any right, obligation, or duty arising under or imposed by them before this date, and any right, obligation or duty imposed by or arising under said by-laws shall be enforced thereunder.

SECTION 1
ANNUAL MEETING

1. The meeting of the Stockholders for the election of a Board of Trustees shall be at a place to be determined by the Board of Trustees in Logan County, Colorado.

2. The Board of Trustees shall be elected annually in January at the annual stockholder meeting and the members shall hold office for one year or until their successor shall have been elected and qualified.

3. Notice of the time, date and location of the annual stockholders' meeting or any special stockholders' meeting shall be given to each stockholder by mail or personal service at least thirty (30) days prior to the date set for such meeting.

SECTION 2
OFFICERS

1. The Officers of the Schneider Ditch Company shall consist of a President, Treasurer, Secretary, General Superintendent, and a Board of Trustees composed of three stockholders. The Officers shall serve for a term of one year or until their successors are elected and qualified.

2. The Trustees shall elect one of their number President, one Treasurer and one General Superintendent.

3. The Board of Trustees shall elect some competent stockholder, Secretary of the Company.

4. The officers and agents of the company shall be entitled to receive such reasonable compensation for the services they shall tender the company as shall

from time to time be fixed by the Board of Trustees and in all cases shall be entitled to be repaid actual and necessary expenses incurred by them in the transactions of the company business.

SECTION 3
PRESIDENT

It shall be the duty of the President to preside at all stockholders' and trustees' meetings, to sign all By-laws and written contracts of the company, and to call meetings of the trustees of stockholders whenever in his judgement, the interest of the company or the law shall require them.

SECTION 4
TREASURER

1. It shall be the Duty of the Treasurer to receive and safely keep and account for all moneys belonging to the Company, and to render an account of the conduct of his office at the stockholders' annual meeting next following his election.

2. He shall not pay out money except upon the written order of the Secretary and one of the trustees.

SECTION 5
GENERAL SUPERINTENDENT/ DITCH RIDER

1. The General Superintendent under the general supervision of the Board of Trustees, shall have charge of the company's ditches, laterals, reservoirs and right of way; employ all necessary labor and assistance, including a ditch rider, for the care, maintenance, improvement, and control of such ditches, laterals, reservoirs and right of ways, and the operation of the company's water service, and to fix the compensation of such labor and assistance, have the custody of the property of the company where such custody is not otherwise specially provided for, and generally do and perform all other things which are usually required or expected of general superintendents of ditch companies.

2. The duties of the ditch rider shall be such as are ordinarily required of ditch riders in ditch companies.

3. The general superintendent is hereby empowered to prescribe reasonable rules regulating the use of water from the company's ditches not inconsistent with these by-laws or with the laws of the State of Colorado.

SECTION 6
SECRETARY

1. It shall be the duty of the Secretary to correctly record the proceedings of stockholders' and trustees; meetings in a book to be kept by him for that purpose and to attest all by-laws and written contracts.

2. He shall also file and preserve the company's papers and correspondence and all bonds entered into by the officers of the company and upon being tendered a reasonable fee therefore, shall make a certified copy of any company record, paper, file or by-law for the use of the person tendering the fee.

3. The secretary shall prepare a list of all voting shares and have the same available at the annual meeting.

4. He shall also perform such other duties as are usually required of secretaries of ditch companies.

5. It shall especially be the duty of the secretary to collect all moneys due the company from persons who fail to make a voluntary payment to the treasurer.

6. Shares of company stock shall not be otherwise transferred or assigned than by endorsement to that effect upon the company's stock book, which it is hereby made the duty of the Secretary to provide and keep and which shall be subject to inspection at all reasonable times by interested persons.

SECTION 7
POWERS OF THE BOARD OF TRUSTEES

1. The Board of Trustees shall have the general supervision of the company's business, may enact and repeal by-laws, may remove any officer for incompetency or neglect of duty or for other good cause and may require all officers of the company to give bond for the faithful discharge of their duties.

2. Two of the board shall constitute a quorum for the transaction of business, except in enacting and repealing by-laws, and in the absence of the president they may elect a president pro-tem.

3. The Board of Trustees shall have the power to prevent obstructions in the ditch, to prohibit concentrated livestock crossings of the ditch, and to otherwise protect the integrity of the ditch channel and structure against damage or encroachment of any kind.

4. The Board of Trustees shall also have the power to appoint members of their own or shareholders to committees created to address specific issues or topics. Committees shall report directly to the board and shall engage in such activities authorized by the Board of Trustees.

5. In the course of a meeting of the Board of Trustees or of the shareholders, a board member who fails to object to a motion shall, for all intents and purposes, be deemed to have supported the motion.

6. The Board of Trustees may take an action without a board meeting if all board members consent to the action in writing, or if it is ratified at the next board meeting.

7. If a vacancy occurs on the board, the remaining members of the board may fill it by appointment until the next annual election of stockholders.

8. The board may call meetings of the stockholders whenever they deem it necessary; and they shall call meetings of the stockholders at any time upon a written petition of persons owning one-fourth of the capital stock of the Company.

9. The board may appoint and remove at pleasure all employees of this Company, and shall prescribe their duties and fix their compensation annually.

10. The board may make rules, regulations, and policy determinations not inconsistent with the laws of the State of Colorado or the articles of incorporation or the by-laws of this Company.

11. The board may incur such indebtedness as they may deem necessary for carrying out the objects and purposes of this Company not to exceed $30,000.00.

12. The board may exercise entire control of the ditch and all of its lateral headgates, regulating the grade of the former by checks or locks when it is necessary, to control the delivery of water through flumes and loek sluices and to determine the location and type of headgates.

13. The board may cause to be kept a complete record of all the proceedings and acts occurring in their meetings and of the proceedings of the stockholders' meetings.

14. The board shall supervise all the acts of the officers and employees of this Company and require the secretary and treasurer or secretary/treasurer to keep full and accurate books of account and to prescribe the form and mode of keeping such books of account.

15. The board may audit and adjust all bills of accounts of indebtedness against this Company and may direct the secretary to draw a check for the payment of such bills as are allowed and may cause stock certificates to be issued to stockholders entitled hereto.

16. The board shall cause to be delivered to each individual stockholder the pro rata share of water due to him according to the number of shares of stock held by each stockholder in this Company using the existing structures and facilities of the Company. The Company may, but is not obligated, to construct new facilities or structures for delivery of shares.

17. The board shall see that there is no obstruction of any kind placed in said ditch whereby the natural flow of the water is impeded or is raised above the proper grade, thus causing danger to the embankments.

18. The board shall protect the integrity of the ditch banks by prohibiting concentrated livestock crossings that threaten the stability of the banks or allow water to escape the ditch channel.

19. The board shall assess applications for a change in the historic use of shares, as more fully described in Sections 11 and 16 of these bylaws.

SECTION 8
CONDUCT OF ANNUAL MEETING

1. The annual stockholder meeting shall generally be in January of each year in Logan County, Colorado, unless a different time is set by the Board of Trustees.

Stockholders meetings may be called by the president at any time he deems the interest of the company requires it, and shall be called by him for the transactions of any business not otherwise provided for by the by-laws of the company.

2. At all regular and called meetings each stockholder shall be entitled to cast one vote for each share of stock owned by him or her, and fractional votes equivalent to the fraction of a share held.

3. The President shall appoint two (2) shareholders or other responsible persons as tellers at each annual meeting of the shareholders. The tellers shall be responsible for collecting and counting the votes in the election of the Board of Trustees.

4. Upon any question submitted to a vote, an absent stockholder may be represented by proxy.

5. Any stockholder shall be eligible for any company office.

6. The officer or agent having charge of the stock transfer books for shares of the Company shall make, at least ten days before each meeting of shareholders, a complete list of the shareholders entitled to vote at such meeting, or any adjournment thereof, arranged in alphabetical order, with the address of, and the number of shares held by each, which list, for a period of ten days prior to such meeting, shall be kept on file at the principal office of the Company and shall be subject to inspection by any shareholder at any time during usual business hours. Such list shall also be produced and kept open at the time and place of the meeting and shall be subject to the inspection of any shareholder during the whole time of the meeting. The original stock transfer book shall be prima facie evidence as to who are the shareholders entitled to examine such list or transfer books or to vote at any meeting of shareholders.

7. Voting of Shares by Certain Holders.

   A. Shares standing in the name of a Company or other entity may be voted by such officer, agent, or proxy as the by-laws or rules of such Company or entity may prescribe, or, in the absence of such provision, as the Board of Trustees of such Company or entity may determine.

   B. Shares held by an administrator, executor, guardian, or conservator may be voted by him, either in person or by proxy, in the name of a trustee

may be voted by him, either in person or by proxy, but no trustee shall be entitled to vote shares held by him without a transfer of such shares into his name.

C. Shares standing in the name of a receiver may be voted by such receiver, and shares held by or under the control of a receiver may be voted by such receiver without the transfer thereof into his name if authority to do so be contained in an appropriate order of the court by which such receiver was appointed.

SECTION 9
HEADGATES/CHECKS

1. The company shall own and control all headgates in the company ditches, and it is hereby made the duty of the ditch rider to destroy and remove all headgates from said ditches not put in and owned by the company, except those permitted by the general superintendent.

2. No person shall be permitted to put a check in any of the company's ditches after water shall have been turned on for the season without the consent of the general superintendent or some person by him deputized for that purpose, provided the owner of any check which shall have washed out during the irrigating season, or shall have otherwise been destroyed without his fault shall be entitled to replace the same.

3. All checks shall be examined under the direction of the general superintendent between the first of November and the first of the following March and the owners of such as are condemned shall be required to repair or reconstruct the same before the fifteenth day of March then next following under the directions of the general superintendent or of some person thereby deputized by him.

SECTION 10
FENCES

No person shall build or maintain any fence or other erection upon the company's right of way without the consent of the general superintendent, unless such person shall provide and maintain a convenient gate way through such fence or such right of way or within a reasonable distance therefrom.

SECTION 11
TRANSFER OF STOCK

1. Certification of stock in the Company for whole or fractional shares may be issued by the secretary, upon surrender of any outstanding certificate, with authority for transfer duly endorsed thereon, provided the conditions set forth in this Article are satisfied.

2. All certificates of stock, when issued, shall be signed by the president, countersigned by the secretary, or the Board of Trustees, and shall be sealed with the Company's seal, and such certificate shall be numbered in the order of its issuance, and each certificate shall express on its face its number, the date of its issue, the number of shares which it represents, the name of the holder, the par value of each share, and if fully paid up such fact shall be therein expressed.

3. At no time shall certificates of stock be outstanding and uncancelled for any shares in excess of the total number of shares of the Company, and any stock issued in excess of the limit shall be null and void.

4. Stock can be transferred only on the books of the Company upon surrender of the certificate with authority for the transfer endorsed thereon either by the owner in person or by his authorized agent, or attorney in fact, having written authority therefor. Such surrendered certificate shall be canceled before the issuance of a new certificate in lieu thereof; but no certificate of stock transferred until all assessments and interest thereon up to the date of cancellation or transfer shall have been paid in full.

5. Any person acquiring stock by purchase, or transfer, either at public or private sale, shall be subject to all liabilities incurred and assumed by the original subscriber to the certificate of stock, and to all provisions of these by-laws.

6. The secretary may collect, as his fee for each transfer of capital stock, such sum as set by the Board of Trustees each year, the same to be paid by the person, or persons, making such transfer.

7. Each stockholder in this ditch Company shall be entitled to freely transfer his stock to any other stockholder or to any purchaser of land heretofore irrigated by said Company, and each holder of capital stock shall be entitled to receive from the Company's ditch, water owned or controlled by the stockholder for the irrigation of lands heretofore irrigated by said ditch, in such amount of water as carried in said

ditch, in the ratio and proportion which his shares shall bear to the total outstanding shares of said Company, subject to the limitations and conditions set forth in this Section and Section 16 of these bylaws. -

8. No transfer of shares for uses on land not historically irrigated by water of this ditch (hereinafter "new land") or for uses not historically made (hereinafter "new uses") shall be permitted, except by and upon orders and approval of the Board of Trustees. If a person acquiring stock (hereinafter the "applicant") expresses an intent to use the purchased shares for new uses or upon new lands, the secretary of this Company shall suspend the re-issuance of certificates pending review by the Board of Trustees. The applicant shall submit an application to the board describing the new uses and/or locations that is sufficiently detailed to permit the board to determine whether the proposed uses will be detrimental to the operation of the Company's delivery system, in violation of the Company's water rights decrees or these bylaws, or otherwise injurious to the stockholders and the Company as a whole. The board shall review any such application in a timely manner, and, if the board determines that the application cannot be granted as presented, it shall allow the applicant an opportunity to revise its plan to address the board's concerns. The board is authorized to engage engineering and legal help to assist in its review of the application, and any fees thereby generated which would not have been incurred but for the application shall be borne by the applicant.

9. Any person seeking reissuance of a lost stock certificate may do so pursuant to §§7-42-113 to 117 C.R.S. If the Board of Trustees determines a bond would protect the Company, a new certificate may be issued upon proof of a bond in an amount to be determined by the Board. The person seeking reissuance of a lost stock certificate shall also pay all the costs incurred by the Company to reissue the lost certificate, including, secretary time, all costs and attorney fees.

SECTION 12
ASSESSMENTS

1. The Company shall have the power to make an assessment on the capital stock, to be levied pro-rata on the shares of the stock payable in money for any of the purposes of the Company.

2. All assessments for every purpose necessary for the operation and maintenance of the Schneider Ditch Company, and its property, shall be levied by the stockholders at the annual or any special meeting of the stockholders. In the event that the stockholders fail to levy an assessment, a levy may be made by the Board

of Trustees to meet the necessary expenses of operation and maintenance of the Company. The secretary shall mail the bills to the stockholders no later than April 1st of each year. This annual assessment shall be paid no later than May 15th each year.

3. In the event that the assessment described above is not paid by May 15th, a late fee of seventy-five (75) dollars per shareholder per month shall be due and owing at once, and the Board of Trustees shall cease delivery of water. If the assessment and late fees have not been paid by December 31st of the year in which levied the Board of Trustees may proceed to collect said assessments and fees, with interest, costs and attorneys fees, by suit for the recovery thereof against the delinquent stockholder, or the Company may sell the stock, at the annual stockholders meeting or in any other forum, for the purpose of paying the unpaid assessment and interest, together with necessary expenses incurred in selling the stock. All sales of forfeited stock shall be by public auction conducted by the president of the Board of Trustees, and the proceeds of such sale, over and above the amount due on said shares, including late fees and interest, plus the expenses of the sale, shall be paid to the delinquent stockholder. No such sale shall occur until the delinquent stockholder has been given notice of the time, place, manner and purpose of the sale by mail or personal service at least thirty (30) days before the proposed sale or by publication at least ten (10) days before the proposed sale. Inclusion of the notice of sale in the notice of annual meeting mailed to stockholders and published pursuant to Section 3 of these bylaws shall constitute sufficient notice to the delinquent stockholder. In the event the sale of the stock shall not cover the unpaid assessment, the Company may seek recovery against the stockholder by any other lawful means available.

4. The address as shown on the books of the company shall be deemed the correct address.

SECTION 13
WATER DELIVERIES

1. All stockholders of the company shall be entitled to receive from the company's ditches and reservoirs, by reason of being such stockholders so much water as may be necessary for the irrigation of their lands and for domestic purposes, in the ratio and proportion which his shares shall bear to the total outstanding shares of said Company, subject to the limitations and conditions set forth in this Section and Section 16 of these bylaws.

2. No water shall be delivered to shareholders except through the Company's headgate, without the express permission of the Board of Trustees.

3. No water shall be delivered for irrigation or any other use on lands not historically served by the ditch, unless the shareholder seeking such use has applied for and received permission from the Board of Trustees.

4. Any consumer who is found to have wilfully wasted water by reason of insufficiently diked or filled up or uncleaned laterals or otherwise, shall forfeit the right to receive water from the company ditches until he shall have provided sufficient and adequate laterals, and otherwise have provided for the economic us of water, and no consumer who is in arrears with his assessment on stock for more than thirty days shall be entitled to further water service by the company until such arrears shall have been satisfactorily adjusted with the company.

5. If by reason of any cause the supply of water shall be insufficient to fill and flow through the company's canal according to its capacity, or if from any other cause, the supply shall be insufficient; such water as may flow through said canal shall be distributed pro rata to the stockholders to whom water shall have been allotted and for the purpose of so doing the trustees may establish and enforce such rules an regulations as they may deem necessary or expedient; and all such stockholders shall be entitled to the amount of water as above provided.

SECTION 14
DAMAGES

1. Every stockholder in and consumer of water furnished form the company's ditches shall be held to waive all claims for damages resulting from flooding lands or crops from said ditches or from flooding public or private roads where such damages could have been avoided by the exercise of reasonable care upon the part of such stockholder or consumer; or whose neglect induces or contributes to such damage.

2. If such stockholder or consumer expends labor or material necessarily in the repair of the company's ditches to prevent such flooding he shall be reasonably renumerated for such labor and material.

SECTION 15
INDEMNIFICATION

1. The Company shall indemnify any person who was or is an involuntary party or is threatened to be made a party to any threatened, pending or contemplated action, suit or proceeding, whether civil, criminal, administrative, or investigative (other than an action by or in the right of the Company) by reason of the fact that he is or was a trustee, officer, employee, fiduciary or agent of the Company or is or was serving, at the request of the Company as a trustee, officer, employee, fiduciary or agent of another Company, partnership, joint venture, trust or other enterprise, against expenses (including attorney fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with such action, suit, or proceeding, if he acted in good faith and in a manner he reasonably believed to be in the best interests of the Company and, with respect to any criminal action or proceeding had no reasonable cause to believe his conduct was unlawful. The termination of any action, suit, or proceeding by judgment, order, settlement, or conviction, or upon a plea of nolo contendre or its equivalent shall not of itself create a presumption that the person did not act in good faith and in a manner which he reasonably believed to be in the best interest of the Company and, with respect to any criminal action or proceeding, had reasonable cause to believe his conduct was unlawful.

2. The Company shall indemnify any person who was or is a party defendant or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the Company to procure a judgment in its favor by reason of the fact that he is or was a trustee, officer, employee, fiduciary or agent of another Company, partnership, joint venture, trust or other enterprise against expenses (including attorney fees) actually and reasonably incurred by him in connection with the defense or settlement or such action or suit if he acted in good faith and a manner he reasonably believed to be in the best interest of the Company; but no indemnification shall be made in respect to any claim, issue, or matter as to which such person has been adjudged to be liable for negligence or misconduct in the performance of his duty to the Company unless and only to the extent that the court in which such action or suit was brought determines upon application that despite the adjudication such person is fairly and reasonably entitled to indemnification for such expenses which such court deems proper.

3. To the extent that a trustee, officer, employee, fiduciary or agent of the Company has been successful on the merits in defense of any action, suit or proceeding referred to in preceding paragraphs or in defense of any claim, issue, or matter therein, he shall be indemnified against expenses (including attorney fees) actually and reasonably incurred by him in connection therewith.

4. Any indemnification under this Bylaw (unless ordered by a court) shall be made by the Company only as authorized in a specific case upon determination that indemnification of the trustee, officer, employee, fiduciary or agent is proper in the circumstances because he has met the applicable standard of conduct set forth in paragraphs A. or B. above. Such determination shall be made by the Board of Trustees by a majority vote of a quorum consisting of trustees who were not parties to such action, suit, or proceeding, or if such a quorum is not obtainable, or, even if obtainable, if a quorum of disinterested trustees so directs, by independent legal counsel in written opinion.

5. That expenses (including attorney fees) incurred in defending a civil or criminal action, suit, or proceeding may be paid by the Company in advance of the final disposition of such action, suit, or proceeding as authorized in this Bylaw upon receipt of an undertaking by or on behalf of the trustee, officer, employee, fiduciary or agent to repay such amount unless it is ultimately determined that he is entitled to be indemnified to the Company as authorized by this Bylaw.

6. That the indemnification provided by this Bylaw shall not be deemed exclusive of any other rights to which those indemnified may be entitled to under any other Bylaw, agreement, vote of Shareholders or disinterested trustees, or otherwise any procedure provided for by any of the foregoing, both as to action in his official capacity and as to action in another capacity while holding such office, and shall continue as to a person who has ceased to be a trustee, officer, employee, fiduciary or agent and shall inure to the benefit of heirs, executors, and administrators of such a person.

7. That the Company may purchase and maintain insurance on behalf of any person who is or was a trustee, officer, employee, fiduciary or agent of the Company or who is or was serving at the request of the Company as a trustee, officer, employee, fiduciary or agent of another Company, partnership, joint venture, trust, or other enterprise against any liability asserted against him and incurred by him in any such capacity or arising out of his status as such, whether or not the Company would

have the power to indemnify him against such liability under provisions of this Bylaw.

SECTION 16
CHANGE OF WATER RIGHT

1. Any stockholder ("applicant") desiring a change of water right as defined in the Water Right Determination and Administration Act of 1969, Colorado Revised Statutes §37-92-101 through 37-92-603, including, but not limited to, a change in point of diversion or place of use of any water that the applicant is entitled to receive as a result of stock ownership must first make a written application to the trustees of the Company. A change of water right shall include the use of water the shareholder is entitled to as a result of stock ownership as augmentation water in a plan for augmentation or exchange. The request should detail the requested change and include adequate terms and conditions to prevent injury to the Company and its shareholders. If, in the reasonable opinion of the trustees, such change may be approved without injury to the Company and all of its stockholders, the trustees shall then approve the change application subject to necessary terms and conditions. In evaluating whether the requested change of water rights can be made without injury to the Company and its shareholders, the Company may obtain an engineering and legal analysis of the requested change by the applicant and the terms and conditions offered by the applicant.

2. The Company shall evaluate the application for change of water right within a reasonable amount of time.

3. No application for approval of a change of water right or plan for augmentation as described above may be made to the District Court for Water Division No. 1, State of Colorado ("Water Court"), unless the same has been approved by the Company. If an application has been approved by the Company, the applicant must include terms and conditions at least as stringent as those approved by the Company in an application to the District Court for Water Division No. 1, State of Colorado.

4. An applicant for a change of water right must reimburse the Company for the Company's reasonable costs and fees, including a charge for time spent by the trustees and Company employees in analyzing the application to the Company and in any judicial litigation that follows. This specifically includes a challenge to the Company's denial of an application. Prior to analyzing the proposed change, the

Company shall obtain an estimate of the costs. The Company shall make said estimate of cost within 30 days of submission of an application and the applicant shall have 30 days after receipt of the estimate from the Company to make the deposit. The Company shall not take final action on any application until, and unless, the applicant makes said deposit. If the estimate and deposit needs to be adjusted by further payment or reimbursement, said adjustment shall be made upon the completion of the analysis. In no event shall the Company be required to finally approve or disapprove the application until all fees incurred by the Company are reimbursed.

SECTION 17

All by-laws shall take effect from and after the date of their adoption. Amendments to these bylaws may be proposed by any shareholder or the Board of Trustees. Proposed bylaw amendments shall not become effective unless and until approved by a majority of the Board of Trustees present at a duly noticed or special meeting.

Date June 6, 2000

Neno Datteri as President of the
Schneider Ditch Company

Attest:

Secretary of the Schneider Ditch Company

APPENDIX B

State Engineer Diversion Reports 1950-2017

COLORADO
Division of Water Resources
Department of Natural Resources

Structure Summary Report

Structure Name: SCHNEIDER DITCH (6400531)

Structure Type: DITCH

CIU Code: Active Structure with contemporary diversion records (A)

Associated Permits:

Water Source Type: Tributary

Water Source: SOUTH PLATTE RIVER [00201759] @ Stream Mile: 80.18

Physical Location

Feature Type	Dist N/S	Dist E/W	Q10	Q40	Q160	Sec	Township	Range	PM	UTMx	UTMy	Latitude	Longitude	Location Accuracy
Point of Diversion			NW	NW	SW	9	6.0 N	53.0 W	S	643120.0	4484620.0	40.499955	-103.310987	Digitized

Division: 1 District: 64

County: LOGAN

Designated Basin:

Management District:

Associated Structures

Structure Association	Structure Type	Start Date	End Date	Associated Structure Type	CIU Code
6400531 Ditch System includes 6402904 - SCHNEIDER DITCH RT	Ditch	1/1/1901		Other	A
6400531 has the following alt. point to 6405167 - BFM CORP WELL 2-38879-F	Ditch	1/1/1901		Well	A
6400531 has the following alt. point to 6405795 - LEBSACK FEED W 2-R5946-R	Ditch	1/1/1901		Well	A
6400531 is alt. point to 6400532 - DAVIS BROS DITCH	Ditch	1/1/1901		Ditch	H
6400531 is part of Augmentation Plan 6402539 - LOGAN WELL USERS AUG	Ditch	1/1/1901		Augmentation/Replacement Plan	A
6400531 is part of Augmentation Plan 6402554 - ACCOMASSO BROS AUG	Ditch	1/1/1901		Augmentation/Replacement Plan	A
6400531 is part of Recharge System 6402104 - SCHNEIDER D RCHRG A 1	Ditch	1/1/1901		Recharge Area	A
6400531 is part of Recharge System 6402105 - SCHNEIDER LINGREEN RCHRG A 1	Ditch	1/1/1901		Recharge Area	A
6400531 is part of Recharge System 6402184 - SCHNEIDER CARLSON RCHRG A	Ditch	1/1/1901		Recharge Area	N
6400531 is part of Recharge System 6402190 - SCHNEIDER PROPST RCHRG A	Ditch	1/1/1901		Recharge Area	N
6400531 is part of Recharge System 6402213 - SCHNEIDER LINGREEN RCHRG A 2	Ditch	1/1/1901		Recharge Area	A

Associated Permits

No available data

Water Rights - Net Amounts

Adj Date	Appro Date	Priority Admin No	Order No	Priority No	Associated Case Numbers	Net Absolute	Net Conditional	Net APEX Absolute	Net APEX Conditional	Decreed Units	Seasonal Limits	Comments
5/29/1897	4/10/1873	8501.00000	0		03CW0195, CA0547	11.0000	0.0000	0.0000	0.0000	C	No	84-89 SUB-IRRIG. MEADOW RIGHT, 84-89 SUB-IRRIGATION MEADOW RIGHT, LOGAN WELL USERS CHNG USE; SEE PARA 35.4 ON OWNERSHIP, LOGAN WELL USERS CHNG USE; SEE PARA 35.4 ON OWNERSHIP
11/15/1894	4/10/1874	8866.00000	0		91CW0014	0.0000	0.0000	0.0948	0.0000	C	No	ALT PT TO DAVIS BROS DITCH
11/15/1894	7/15/1875	9327.00000	0		03CW0195, CA1690, CA1435, CA1212, CA0766, CA0304, 91CW0014, 90CW0072	20.1000	0.0000	0.0664	0.0000	C	No	16 ASP 40 PRIORITY NO. CORRECTED 5-29-1897 ORIGINALLY NO. 4, 159 INJUCTIVE DECREE 7-5-1903, TB213 TFR TO S PLATTE D CO EXT 03/07/1910, TB241D TFR TO DAVIS BROS D 01/19/1912, TB235 TFR TO DAVIS BROS D 06/06/1908, TFR FM DAVIS BROS D 08/... (CONT...)
11/15/1894	10/20/1880	11251.00000	0		03CW0195, CA1690, CA1435, CA1212, CA0766, CA0304, 91CW0014, 90CW0072	17.6880	0.0000	0.1058	0.0000	C	No	16 ASP 40 ORIGINAL PRI. 5 CHANGED TO 7 5-29-1897, 159 ORIG. APPRO. DATE 10-18-1880 INJUCTIVE DECREE 7-25-1903, TB213 TFR TO S PLATTE D CO EXT 03/07/1910, TB235 TFR TO DAVIS BROS D 06/06/1908, TB241D TFR TO DAVIS BROS D 01/19/1912, TFR ... (CONT...)
5/29/1897	12/1/1890	14945.00000	0		91CW0014	0.0000	0.0000	0.1422	0.0000	C	No	ALT PT TO DAVIS BROS DITCH
11/10/1899	9/20/1894	16334.00000	0		91CW0014	0.0000	0.0000	0.9479	0.0000	C	No	ALT PT TO DAVIS BROS DITCH
4/23/1910	5/25/1903	19502.00000	0		91CW0014	0.0000	0.0000	1.4218	0.0000	C	No	ALT PT TO DAVIS BROS DITCH
12/31/2003	1/13/2003	55895.00000	0		12CW0017, 03CW0195	53.4200	4.5800	0.0000	0.0000	C	No	MADE ABSOLUTE
12/31/2005	4/23/2003	56613.55995	0		03CW0195	0.0000	0.0000	0.0000	104.0000	C	No	EXCH FM ILIFF & PLATTE VLY REACH, EXCH FM STERLING NO 1 REACH

Diversion Record - Totals

Water Class	Irr Year	FDU	LDU	MaxQ	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Annual Amount	Units	Data Status
Total (Diversions)	2017	11/1/16	10/31/17	49.83	964.60					752.82	1223.46	1217.87	3050.07	2819.84	2193.02	1643.53	13865.20	AF	Approved
Total (Diversions)	2016	11/1/15	10/31/16	42.93	565.34					301.93	1274.46	1212.95	2784.04	2664.24	1958.11	1541.38	12302.44	AF	Approved
Total (Diversions)	2015	11/1/14	10/31/15	119.28	481.61					1388.25	2329.22	2151.44	1791.70	1770.08	2160.29	1788.13	13860.72	AF	Approved
Total (Diversions)	2014	4/26/14	10/31/14	46.93						250.12	1367.11	1721.70	2042.15	1860.13	1305.10	1287.21	9833.52	AF	Approved
Total (Diversions)	2013	5/3/13	10/23/13	70.70							1981.71	2806.65	2845.93	2718.98	1318.79	203.21	11875.27	AF	Approved
Total (Diversions)	2012	11/1/11	10/31/12	53.28	393.90					620.99	2637.90	3032.97	2798.92	2712.65	2635.97	1097.27	15930.58	AF	Approved
Total (Diversions)	2011	4/21/11	10/31/11	66.15						578.41	1968.86	1663.42	2043.90	2726.56	1850.80	1121.89	11953.84	AF	Approved
Total (Diversions)	2010	5/4/10	10/31/10	54.22							1561.09	1028.41	3025.14	2848.94	2040.80	1886.27	12390.65	AF	Approved
Total (Diversions)	2009	4/22/09	10/21/09	55.00						420.58	2016.03	776.74	2099.71	2837.36	1167.59	967.91	10285.92	AF	Approved
Total (Diversions)	2008	4/21/08	10/31/08	55.74						723.56	2906.44	2091.84	2702.26	1885.36	1766.15	1572.52	13648.13	AF	Approved
Total (Diversions)	2007	12/25/06	10/31/07	49.74		38.66				513.92	1876.03	1871.55	0.00	2577.56	1898.01	1600.78	10376.52	AF	Approved
Total (Diversions)	2006	3/28/06	10/24/06	48.95					170.42	1726.42	2839.88	2236.63	2193.35	1997.90	1707.16	959.36	13831.12	AF	Approved
Total (Diversions)	2005	12/10/04	10/31/05	48.44		75.37		500.71	0.00		1520.33	1468.46	2945.22	2433.32	1704.02	1091.98	11739.42	AF	Approved
Total (Diversions)	2004	12/22/03	10/26/04	49.30		238.22	144.40	300.10	118.41	1871.63	2213.98	1500.72	1505.67	2214.78	1747.66	406.42	12262.00	AF	Approved
Total (Diversions)	2003	1/13/03	10/31/03	38.10			178.52	139.64	63.08	388.96	1735.76	1942.44	2864.17	2675.34	1790.31	1772.06	13550.28	AF	Approved
Total (Diversions)	2002	4/15/02	10/31/02	52.00						1421.77	2999.45	2179.87	2293.32	1868.85	1551.10	1718.11	14032.47	AF	Approved
Total (Diversions)	2001	5/16/01	10/31/01	48.00							616.87	1773.25	2352.43	2211.60	1449.94	1122.66	9526.75	AF	Approved
Total (Diversions)	2000	4/24/00	10/31/00	39.00						313.39	1479.69	1971.60	2235.40	2251.27	1344.81	343.15	9939.32	AF	Approved
Total (Diversions)	1999	4/16/99	9/28/99	40.00						434.39	1551.10	928.28	1467.79	355.05	1067.12		5803.72	AF	Approved

Water Class	Irr Year	FDU	LDU	MaxQ	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Annual Amount	Units	Data Status
Total (Diversions)	1998	4/26/98	10/16/98	37.00						245.95	1112.74	694.23	1017.54	916.38	1791.10	355.05	6132.98	AF	Approved
Total (Diversions)	1997	4/29/97	10/14/97	48.00						53.55	2086.64	493.89	1499.53	1328.95	1017.54	289.59	6769.69	AF	Approved
Total (Diversions)	1996	4/25/96	10/27/96	43.00						222.15	1334.90	1342.83	2255.24	1935.90	668.44	351.08	8110.53	AF	Approved
Total (Diversions)	1995	5/15/95	10/25/95	61.40							444.30		1484.05	2141.98	1424.95	351.67	5846.96	AF	Approved
Total (Diversions)	1994	4/22/94	10/7/94	50.60						571.45	2476.40	2429.79	2336.36	2223.90	1684.59	111.87	11834.35	AF	Approved
Total (Diversions)	1993	5/8/93	10/19/93	50.60							1629.25	1822.24	2427.80	2249.88	1553.28	813.83	10496.29	AF	Approved
Total (Diversions)	1992	4/29/92	10/23/92	43.00						134.88	2183.83	1340.85	1374.57	1658.21	1291.26	664.47	8648.06	AF	Approved
Total (Diversions)	1991	4/23/91	10/24/91	46.00						311.41	1455.89	694.23	2122.35	1894.24	1598.70	593.07	8669.88	AF	Approved
Total (Diversions)	1990	5/7/90	10/16/90	54.00							2120.36	2279.04	2255.24	1874.41	1803.00	634.72	10966.77	AF	Approved
Total (Diversions)	1989	4/27/89	10/31/89	50.00						192.40	2519.05	1124.64	2253.26	1281.34	864.81	614.89	8850.38	AF	Approved
Total (Diversions)	1988	5/6/88	10/31/88	52.00							682.32	620.84	2348.46	2167.97	1424.15	1017.54	8261.28	AF	Approved
Total (Diversions)	1987	5/16/87	9/24/87	45.00							634.72	422.49	1916.06	2275.07	902.49		6150.83	AF	Approved
Total (Diversions)	1986	5/9/86	10/3/86	51.00							1025.47	1178.20	2398.05	2207.64	1515.39	93.22	8417.97	AF	Approved
Total (Diversions)	1985	4/23/85	10/24/85	51.00						462.16	1328.95	1638.37	1705.81	2229.45	1322.99	773.57	9461.30	AF	Approved
Total (Diversions)	1984	5/22/84	9/21/84	53.00							412.57	904.48	2453.59	1785.15	1128.61		6684.40	AF	Approved
Total (Diversions)	1983	7/1/83	10/5/83	62.00									1632.42	1553.08	1041.34	69.42	4296.26	AF	Approved
Total (Diversions)	1982	4/27/82	10/31/82	47.00						206.28	2140.20	1053.24	2146.15	2181.85	1372.58	910.43	10010.72	AF	Approved
Total (Diversions)	1981	5/8/81	10/23/81	49.00							1342.83	1223.82	2275.07	2191.77	1479.69	599.02	9112.20	AF	Approved
Total (Diversions)	1980	4/24/80	10/31/80	44.00						99.18	99.18	662.49	1354.73	2017.22	1354.73	985.80	6573.32	AF	Approved
Total (Diversions)	1979	6/4/79	10/31/79	66.00								238.02	1912.09	1507.46	9.92	960.01	4627.51	AF	Approved
Total (Diversions)	1978	4/3/78	10/15/78	62.00						1332.91	1112.74	787.45	3124.01	2889.96	1664.16	202.32	11113.55	AF	Approved
Total (Diversions)	1977	4/22/77	10/10/77	59.00						238.02	1685.98	565.30	2741.20	2667.81	1547.13	341.16	9786.59	AF	Approved
Total (Diversions)	1976	4/23/76	9/27/76	64.00						269.76	1816.89	1888.29	2479.38	2792.77	1715.73		10962.80	AF	Approved
Total (Diversions)	1975	4/26/75	10/7/75	68.00						204.30	1594.73	995.72	2953.43	2838.39	1600.68	238.02	10425.28	AF	Approved
Total (Diversions)	1974	5/11/74	10/14/74	67.00							2233.42	2203.67	2973.27	2499.21	1739.53	384.80	12033.89	AF	Approved
Total (Diversions)	1973	6/15/73	9/10/73	64.00								503.81	2213.59	2753.10	565.30		6035.79	AF	Approved
Total (Diversions)	1972	4/12/72	10/27/72	53.00						727.94	704.14	686.29	2118.38	1785.15	948.11	263.81	7233.82	AF	Approved
Total (Diversions)	1971	5/23/71	10/8/71	57.00							218.19	1079.02	2469.46	2747.15	1225.80	91.24	7830.86	AF	Approved
Total (Diversions)	1970	5/2/70	10/5/70	60.00							1110.76	1513.41	2179.87	2745.16	1735.56	267.77	9552.54	AF	Approved
Total (Diversions)	1969	4/14/69	10/3/69	61.00						1432.09	646.62	1576.88	1711.76	2808.64	922.33	79.34	9177.65	AF	Approved
Total (Diversions)	1968	4/7/68	10/10/68	63.00						1241.67	1846.64	1739.53	2717.40	2062.84	1449.94	446.29	11504.30	AF	Approved
Total (Diversions)	1967	4/2/67	10/28/67	55.00						1229.77	295.54		1364.65	2733.26	406.62	741.83	6771.67	AF	Approved
Total (Diversions)	1966	5/5/66	10/6/66	55.00							1198.03	565.30	1342.83	914.39	963.98	107.11	5091.64	AF	Approved
Total (Diversions)	1965	11/1/64	9/25/65	50.00	138.85					1084.97	1202.00			1459.86	1229.77		5115.45	AF	Approved
Total (Diversions)	1964	5/6/64	10/31/64	51.00							1557.05	539.51	1495.56	1695.89	1263.49	690.26	7241.76	AF	Approved
Total (Diversions)	1963	4/7/63	10/10/63	45.00						1305.14	1693.91	1561.01	1184.15	1368.62	735.88	257.86	8106.56	AF	Approved
Total (Diversions)	1962	4/18/62	10/13/62	46.00						1081.01	1336.88	319.34	2031.10	1866.47	1670.11	432.40	8737.32	AF	Approved
Total (Diversions)	1961	4/28/61	9/9/61	62.00						182.48	1049.27	674.39	2191.77	2086.64	610.92		6795.47	AF	Approved

Water Class	Irr Year	FDU	LDU	MaxQ	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Annual Amount	Units	Data Status
Total (Diversions)	1960	4/21/60	10/15/60	45.00						644.64	1221.84	1612.59	1983.50	1920.03	1398.37	430.42	9211.37	AF	Approved
Total (Diversions)	1959	4/24/59	10/7/59	45.00						299.51	694.23	1509.44	2126.31	2043.01	1801.02	214.22	8687.73	AF	Approved
Total (Diversions)	1958	5/2/58	10/28/58	60.00							476.04	472.07	2080.69	2324.66	1666.14	999.68	8019.29	AF	Approved
Total (Diversions)	1957	4/13/57	10/9/57	46.00						124.96	339.18	662.49	1315.06	1531.26	1442.00	271.74	5686.69	AF	Approved
Total (Diversions)	1956	4/12/56	10/20/56	48.00						938.20	1741.51	1582.83	1031.42	1670.11	1701.84	412.57	9078.48	AF	Approved
Total (Diversions)	1955	11/1/54	10/8/55	46.00	218.19					1779.20	1104.81	454.22	1094.89	876.71	1110.76	164.63	6803.41	AF	Approved
Total (Diversions)	1954	4/11/54	10/31/54	53.00						1660.19	963.98	2259.21	1426.14	1438.04	1741.51	549.43	10038.49	AF	Approved
Total (Diversions)	1953	11/9/52	10/21/53	53.00	79.34						1182.17	2080.69	2068.79	1646.31	2001.35	995.72	10054.36	AF	Approved
Total (Diversions)	1952	5/6/52	10/23/52	62.00	0.00						781.50	2267.14	2419.87	1971.60	1513.41	1098.86	10052.38	AF	Approved
Total (Diversions)	1951	11/1/50	10/31/51	73.00	285.62						1872.42	1376.55	2251.27	2209.62	1156.38	1505.48	10657.35	AF	Approved
Total (Diversions)	1950	4/17/50	10/31/50	51.00						1106.79	1662.17	1761.35	2231.44	2243.34	656.54	1384.48	11046.11	AF	Approved
Total (Releases)	2006	3/28/06	10/21/06	20.34					70.55	460.95	16.01	251.67	266.82	511.01	460.37	467.09	2504.47	AF	Approved
Total (Releases)	2005	12/10/04	10/31/05	28.47		30.09		69.44	0.00		861.43	1281.64	850.35	1197.46	1152.41	1124.58	6567.41	AF	Approved
Total (Releases)	2004	4/1/04	10/15/04	9.20						547.45	565.69	547.45	565.69	565.69	547.45	273.72	3613.14	AF	Approved
Total (Releases)	2003	4/22/03	10/31/03	19.90						164.23	565.69	547.45	565.69	565.69	788.64	1173.84	4371.24	AF	Approved
Total (Releases)	2002	4/15/02	10/31/02	24.00						382.42	565.69	547.45	565.69	565.69	547.45	704.54	3878.93	AF	Approved
Total (Releases)	2001	5/16/01	10/31/01	30.00							316.17	200.73	456.21	474.45	237.23	208.27	1893.05	AF	Approved
Total (Releases)	2000	4/24/00	10/30/00	20.00						148.76	109.49	510.95	565.69	565.69	547.45	147.18	2595.21	AF	Approved
Total (Releases)	1999	4/16/99	9/28/99	18.00						149.95			36.50		307.44		493.89	AF	Approved
Total (Releases)	1998	4/24/98	10/16/98	13.00						278.48	474.45	310.22	310.22	237.23	587.12	609.33	2807.05	AF	Approved
Total (Releases)	1997	4/25/97	10/14/97	29.00						399.08	611.31	346.72	383.21	565.69	547.45	354.65	3208.11	AF	Approved
Total (Releases)	1996	4/18/96	10/31/96	33.00						557.36	362.98		504.21	532.37	535.55	797.37	3289.83	AF	Approved
Total (Releases)	1995	5/5/95	10/31/95	40.00							927.09	1067.12	662.89	565.69	725.96	950.49	4899.25	AF	Approved
Total (Releases)	1994	4/18/94	10/7/94	39.00						509.22	566.31	548.04	566.31	566.31	815.81	189.36	3761.37	AF	Approved

Note:
FDU - First day used
LDU - Last day used
MaxQ - Maximum flow rate (cfs)

Irrigated Lands

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
2015	16407599	GRASS_PASTURE	FLOOD	24.5674	24.5674	1	0
2015	16407996	ALFALFA	FLOOD	33.8032	33.8032	1	0
2015	16408014	WHEAT_SPRING	FLOOD	72.5756	72.5756	1	0
2015	16408388	WHEAT_SPRING	FLOOD	10.5031	10.5031	1	0
2015	16408389	GRASS_PASTURE	FLOOD	15.7202	15.7202	1	0
2015	16408412	WHEAT_SPRING	FLOOD	4.4550	4.4550	1	0
2015	16408540	CORN	FLOOD	45.8109	45.8109	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
2015	16408578	WHEAT_SPRING	SPRINKLER	87.4734	87.4734	1	0
2015	16408772	CORN	FLOOD	74.4152	74.4152	1	0
2015	16409158	GRASS_PASTURE	FLOOD	143.6425	143.6425	1	0
2015	16409240	CORN	SPRINKLER	50.9058	50.9058	1	0
2015	16409244	ALFALFA	SPRINKLER	16.1875	16.1875	1	0
2015	16409245	CORN	SPRINKLER	60.2406	60.2406	1	0
2015	16409246	ALFALFA	FLOOD	54.5269	54.5269	1	0
2015	16409287	CORN	FLOOD	27.2451	27.2451	1	0
2015	16409289	WHEAT_SPRING	FLOOD	50.2964	50.2964	1	0
2015	16409368	SORGHUM_GRAIN	SPRINKLER	72.9873	72.9873	1	0
2015	16409390	ALFALFA	FLOOD	64.6896	64.6896	1	0
2015	16409620	ALFALFA	FLOOD	9.6359	9.6359	1	0
2015	16409702	CORN	FLOOD	10.0366	10.0366	1	0
2015	16409745	WHEAT_SPRING	FLOOD	6.0855	6.0855	1	0
2015	16409767	ALFALFA	FLOOD	61.7342	61.7342	1	0
2015	16409785	GRASS_PASTURE	FLOOD	7.6678	7.6678	1	0
2015	16409802	ALFALFA	FLOOD	6.7681	6.7681	1	0
2015	16409837	CORN	FLOOD	46.1656	46.1656	1	0
2015	16409838	ALFALFA	FLOOD	24.3146	24.3146	1	0
2015	16409839	CORN	FLOOD	94.1256	94.1256	1	0
2015	16409840	GRASS_PASTURE	FLOOD	22.7795	22.7795	1	0
2015	16409920	CORN	FLOOD	78.2024	78.2024	1	0
2015	16409969	ALFALFA	FLOOD	67.6851	67.6851	1	0
2015	16410359	CORN	SPRINKLER	136.7406	136.7406	1	0
2015	16410643	ALFALFA	FLOOD	6.4963	6.4963	1	0
2015	16410732	GRASS_PASTURE	FLOOD	1.5250	1.5250	1	0
2015	16410752	ALFALFA	FLOOD	18.7248	18.7248	1	0
2015	16410766	GRASS_PASTURE	FLOOD	123.8791	123.8791	1	0
2015	16410785	WHEAT_SPRING	SPRINKLER	124.9531	124.9531	1	0
2015	16410830	ALFALFA	FLOOD	8.6889	8.6889	1	0
2015	16410867	GRASS_PASTURE	FLOOD	33.3156	33.3156	1	0
2015	16410868	GRASS_PASTURE	FLOOD	23.7938	23.7938	1	0
2015	16411117	WHEAT_SPRING	FLOOD	4.5646	4.5646	1	0
2015	16411346	WHEAT_SPRING	SPRINKLER	64.7703	64.7703	1	0
2015	16414606	GRASS_PASTURE	FLOOD	1.2805	1.2805	1	0
2015	16414607	ALFALFA	FLOOD	1.4116	1.4116	1	0
2015	16414751	WHEAT_SPRING	SPRINKLER	15.5679	15.5679	1	0
2015	16415837	GRASS_PASTURE	FLOOD	25.4495	25.4495	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
2015	16415859	ALFALFA	FLOOD	1.6050	1.6050	1	0
2015	16417071	ALFALFA	SPRINKLER	34.0182	34.0182	1	0
2015	16417363	WHEAT_SPRING	FLOOD	3.1338	3.1338	1	0
2015	16417364	WHEAT_SPRING	FLOOD	2.5907	2.5907	1	0
2015	16419425	GRASS_PASTURE	FLOOD	4.2974	4.2974	1	0
2015	16419430	ALFALFA	FLOOD	6.6032	6.6032	1	0
2015	16419431	GRASS_PASTURE	FLOOD	2.3748	2.3748	1	0
2015	16419432	ALFALFA	FLOOD	4.5568	4.5568	1	0
2015	16419433	ALFALFA	FLOOD	8.1298	8.1298	1	0
2015	16419434	ALFALFA	FLOOD	6.3473	6.3473	1	0
2015	16419435	ALFALFA	FLOOD	1.6693	1.6693	1	0
2015	16419456	CORN	FLOOD	6.2910	6.2910	1	0
2015	16420327	ALFALFA	FLOOD	2.0020	2.0020	1	0
2015	16420691	CORN	FLOOD	15.1793	15.1793	1	0
2015	16420806	ALFALFA	FLOOD	37.7545	37.7545	1	0
2015	16420807	ALFALFA	FLOOD	17.3880	17.3880	1	0
2015	16420955	ALFALFA	SPRINKLER	6.6016	6.6016	1	0
2015	16420956	CORN	SPRINKLER	6.7975	6.7975	1	0
2010	16409180	GRASS_PASTURE	FLOOD	24.5673	24.5673	1	0
2010	16409721	ALFALFA	FLOOD	33.8031	33.8031	1	0
2010	16409742	ALFALFA	FLOOD	72.5753	72.5753	1	0
2010	16410244	GRASS_PASTURE	FLOOD	10.5031	10.5031	1	0
2010	16410245	ALFALFA	FLOOD	30.8994	30.8994	1	0
2010	16410266	CORN	FLOOD	9.0990	9.0990	1	0
2010	16410276	ALFALFA	FLOOD	4.4550	4.4550	1	0
2010	16410277	CORN	FLOOD	30.0292	30.0292	1	0
2010	16410445	CORN	FLOOD	73.8984	73.8984	1	0
2010	16410504	ALFALFA	SPRINKLER	87.4731	87.4731	1	0
2010	16410786	CORN	FLOOD	16.8227	16.8227	1	0
2010	16410974	CORN	FLOOD	33.4897	33.4897	1	0
2010	16411311	GRASS_PASTURE	FLOOD	143.6419	143.6419	1	0
2010	16411431	ALFALFA	FLOOD	34.8050	34.8050	1	0
2010	16411437	GRASS_PASTURE	FLOOD	11.3475	11.3475	1	0
2010	16411438	ALFALFA	FLOOD	31.9244	31.9244	1	0
2010	16411439	ALFALFA	FLOOD	54.5267	54.5267	1	0
2010	16411471	SUGAR_BEETS	FLOOD	6.1691	6.1691	1	0
2010	16411492	DRY_BEANS	FLOOD	27.2450	27.2450	1	0
2010	16411495	DRY_BEANS	FLOOD	45.9275	45.9275	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
2010	16411559	CORN	FLOOD	76.0124	76.0124	1	0
2010	16411560	ALFALFA	FLOOD	1.5250	1.5250	1	0
2010	16411592	ALFALFA	SPRINKLER	72.9870	72.9870	1	0
2010	16411628	SUGAR_BEETS	FLOOD	14.8401	14.8401	1	0
2010	16411630	ALFALFA	FLOOD	64.6894	64.6894	1	0
2010	16411740	GRASS_PASTURE	FLOOD	9.8104	9.8104	1	0
2010	16411741	GRASS_PASTURE	FLOOD	18.7247	18.7247	1	0
2010	16411940	GRASS_PASTURE	FLOOD	123.8786	123.8786	1	0
2010	16411941	ALFALFA	FLOOD	9.6358	9.6358	1	0
2010	16412035	ALFALFA	FLOOD	10.0366	10.0366	1	0
2010	16412071	CORN	FLOOD	30.4781	30.4781	1	0
2010	16412090	ALFALFA	FLOOD	6.0855	6.0855	1	0
2010	16412119	ALFALFA	FLOOD	61.7340	61.7340	1	0
2010	16412142	GRASS_PASTURE	FLOOD	7.6678	7.6678	1	0
2010	16412161	ALFALFA	FLOOD	6.7681	6.7681	1	0
2010	16412206	CORN	FLOOD	46.1654	46.1654	1	0
2010	16412207	ALFALFA	FLOOD	8.7351	8.7351	1	0
2010	16412208	CORN	FLOOD	41.6276	41.6276	1	0
2010	16412209	GRASS_PASTURE	FLOOD	22.7794	22.7794	1	0
2010	16412315	ALFALFA	FLOOD	33.0992	33.0992	1	0
2010	16412316	CORN	FLOOD	78.2021	78.2021	1	0
2010	16412317	ALFALFA	FLOOD	34.4978	34.4978	1	0
2010	16412380	CORN	FLOOD	67.6848	67.6848	1	0
2010	16412381	CORN	FLOOD	8.7045	8.7045	1	0
2010	16412383	CORN	FLOOD	20.0686	20.0686	1	0
2010	16412384	GRASS_PASTURE	FLOOD	6.0178	6.0178	1	0
2010	16412649	CORN	FLOOD	71.4463	71.4463	1	0
2010	16412934	CORN	SPRINKLER	67.0185	67.0185	1	0
2010	16412985	ALFALFA	FLOOD	35.5638	35.5638	1	0
2010	16412986	GRASS_PASTURE	FLOOD	23.7938	23.7938	1	0
2010	16412988	ALFALFA	FLOOD	8.6889	8.6889	1	0
2010	16413127	ALFALFA	FLOOD	18.1356	18.1356	1	0
2010	16413332	ALFALFA	FLOOD	4.5645	4.5645	1	0
2010	16413637	SMALL_GRAINS	FLOOD	23.2144	23.2144	1	0
2010	16413643	SUGAR_BEETS	FLOOD	69.0824	69.0824	1	0
2010	16417955	GRASS_PASTURE	FLOOD	25.4494	25.4494	1	0
2010	16418171	CORN	FLOOD	1.2805	1.2805	1	0
2010	16418172	CORN	FLOOD	1.4116	1.4116	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
2010	16418173	CORN	FLOOD	1.6050	1.6050	1	0
2010	16418231	CORN	FLOOD	1.6524	1.6524	1	0
2010	16418358	ALFALFA	SPRINKLER	28.9670	28.9670	1	0
2010	16418603	CORN	FLOOD	78.6866	78.6866	1	0
2010	16418604	GRASS_PASTURE	FLOOD	17.2465	17.2465	1	0
2010	16419872	ALFALFA	FLOOD	6.9161	6.9161	1	0
2010	16420844	CORN	SPRINKLER	34.0181	34.0181	1	0
2010	16421284	GRASS_PASTURE	FLOOD	10.1728	10.1728	1	0
2010	16421285	ALFALFA	FLOOD	3.1337	3.1337	1	0
2010	16421286	ALFALFA	FLOOD	2.5907	2.5907	1	0
2010	16421287	ALFALFA	FLOOD	2.3270	2.3270	1	0
2010	16423768	ALFALFA	FLOOD	25.7411	25.7411	1	0
2010	16423769	SMALL_GRAINS	FLOOD	27.1530	27.1530	1	0
2010	16423807	GRASS_PASTURE	FLOOD	27.1140	27.1140	1	0
2010	16423808	CORN	FLOOD	17.9997	17.9997	1	0
2010	16423826	SUGAR_BEETS	FLOOD	13.2993	13.2993	1	0
2005	16411861	GRASS_PASTURE	FLOOD	10.5031	10.5031	1	0
2005	16411862	ALFALFA	FLOOD	30.8994	30.8994	1	0
2005	16412015	CORN	FLOOD	1.5250	1.5250	1	0
2005	16412186	CORN	FLOOD	8.9722	8.9722	1	0
2005	16412443	GRASS_PASTURE	FLOOD	143.6419	143.6419	1	0
2005	16412536	ALFALFA	FLOOD	4.9866	4.9866	1	0
2005	16412690	ALFALFA	FLOOD	6.1691	6.1691	1	0
2005	16412705	ALFALFA	FLOOD	16.6629	16.6629	1	0
2005	16412706	SUGAR_BEETS	FLOOD	33.8031	33.8031	1	0
2005	16412731	CORN	FLOOD	27.2450	27.2450	1	0
2005	16412734	ALFALFA	FLOOD	36.8571	36.8571	1	0
2005	16412819	CORN	SPRINKLER	72.9870	72.9870	1	0
2005	16412878	ALFALFA	FLOOD	14.8401	14.8401	1	0
2005	16412879	DRY_BEANS	FLOOD	42.8037	42.8037	1	0
2005	16412880	ALFALFA	FLOOD	21.8856	21.8856	1	0
2005	16412881	ALFALFA	FLOOD	11.1935	11.1935	1	0
2005	16412958	CORN	FLOOD	73.8984	73.8984	1	0
2005	16413137	GRASS_PASTURE	FLOOD	123.8786	123.8786	1	0
2005	16413138	ALFALFA	FLOOD	9.6358	9.6358	1	0
2005	16413310	CORN	FLOOD	76.0124	76.0124	1	0
2005	16413314	GRASS_PASTURE	FLOOD	10.0366	10.0366	1	0
2005	16413319	GRASS_PASTURE	FLOOD	11.0977	11.0977	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
2005	16413405	ALFALFA	FLOOD	5.6554	5.6554	1	0
2005	16413444	ALFALFA	FLOOD	9.0704	9.0704	1	0
2005	16413445	ALFALFA	FLOOD	9.8025	9.8025	1	0
2005	16413447	ALFALFA	SPRINKLER	87.4731	87.4731	1	0
2005	16413448	CORN	FLOOD	6.7681	6.7681	1	0
2005	16413513	CORN	FLOOD	61.7340	61.7340	1	0
2005	16413541	ALFALFA	FLOOD	9.1369	9.1369	1	0
2005	16413555	CORN	FLOOD	16.8227	16.8227	1	0
2005	16413580	CORN	FLOOD	2.0327	2.0327	1	0
2005	16413622	CORN	FLOOD	9.0990	9.0990	1	0
2005	16413635	ALFALFA	FLOOD	4.4550	4.4550	1	0
2005	16413636	CORN	FLOOD	16.1493	16.1493	1	0
2005	16413653	CORN	FLOOD	35.7860	35.7860	1	0
2005	16413654	CORN	FLOOD	46.1654	46.1654	1	0
2005	16413655	GRASS_PASTURE	FLOOD	8.7351	8.7351	1	0
2005	16413656	CORN	FLOOD	41.6276	41.6276	1	0
2005	16413657	GRASS_PASTURE	FLOOD	22.7794	22.7794	1	0
2005	16413727	ALFALFA	FLOOD	25.4191	25.4191	1	0
2005	16413728	ALFALFA	FLOOD	78.2021	78.2021	1	0
2005	16413729	CORN	FLOOD	19.7622	19.7622	1	0
2005	16413793	CORN	FLOOD	67.6848	67.6848	1	0
2005	16413794	CORN	FLOOD	8.7045	8.7045	1	0
2005	16413796	CORN	FLOOD	20.0686	20.0686	1	0
2005	16414493	ALFALFA	FLOOD	30.5020	30.5020	1	0
2005	16414494	CORN	FLOOD	23.5301	23.5301	1	0
2005	16414495	CORN	FLOOD	34.4257	34.4257	1	0
2005	16414496	GRASS_PASTURE	FLOOD	14.4380	14.4380	1	0
2005	16414498	ALFALFA	FLOOD	8.6889	8.6889	1	0
2005	16414696	CORN	FLOOD	18.1356	18.1356	1	0
2005	16414697	ALFALFA	FLOOD	6.2175	6.2175	1	0
2005	16414698	ALFALFA	FLOOD	73.7242	73.7242	1	0
2005	16414957	ALFALFA	FLOOD	12.5840	12.5840	1	0
2005	16414958	CORN	FLOOD	25.2328	25.2328	1	0
2005	16415235	ALFALFA	FLOOD	4.5645	4.5645	1	0
2005	16415314	CORN	FLOOD	16.0144	16.0144	1	0
2005	16415315	CORN	FLOOD	23.2144	23.2144	1	0
2005	16415316	ALFALFA	FLOOD	34.8050	34.8050	1	0
2005	16415322	CORN	FLOOD	16.8589	16.8589	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
2005	16415323	CORN	FLOOD	31.9244	31.9244	1	0
2005	16415324	ALFALFA	FLOOD	19.4520	19.4520	1	0
2005	16415325	SUGAR_BEETS	FLOOD	18.4117	18.4117	1	0
2005	16415326	GRASS_PASTURE	FLOOD	15.7234	15.7234	1	0
2005	16415327	ALFALFA	FLOOD	18.7247	18.7247	1	0
2005	16415379	SMALL_GRAINS	FLOOD	47.3150	47.3150	1	0
2005	16415382	CORN	FLOOD	33.3326	33.3326	1	0
2005	16415385	DRY_BEANS	FLOOD	24.2131	24.2131	1	0
2005	16415386	CORN	FLOOD	36.7893	36.7893	1	0
2005	16415387	ALFALFA	FLOOD	11.5366	11.5366	1	0
2005	16420270	ALFALFA	FLOOD	34.3475	34.3475	1	0
2005	16420271	ALFALFA	FLOOD	13.1529	13.1529	1	0
2005	16420280	GRASS_PASTURE	FLOOD	30.5422	30.5422	1	0
2005	16420281	CORN	FLOOD	23.5163	23.5163	1	0
2005	16422083	ALFALFA	SPRINKLER	11.7679	11.7679	1	0
2005	16422084	CORN	SPRINKLER	17.1991	17.1991	1	0
2005	16422343	ALFALFA	FLOOD	1.2805	1.2805	1	0
2005	16422863	CORN	FLOOD	78.6866	78.6866	1	0
2005	16422864	GRASS_PASTURE	FLOOD	17.2465	17.2465	1	0
2005	16423978	ALFALFA	FLOOD	1.4116	1.4116	1	0
2005	16423979	ALFALFA	FLOOD	1.6050	1.6050	1	0
2005	16423980	ALFALFA	FLOOD	1.6524	1.6524	1	0
2005	16424251	ALFALFA	SPRINKLER	34.0181	34.0181	1	0
2001	16400446	ALFALFA	FLOOD	34.4258	34.4258	1	0
2001	16400447	SMALL_GRAINS	FLOOD	14.4380	14.4380	1	0
2001	16400450	ALFALFA	FLOOD	8.6889	8.6889	1	0
2001	16400451	ALFALFA	FLOOD	24.3621	24.3621	1	0
2001	16403630	CORN	FLOOD	30.5022	30.5022	1	0
2001	16403631	ALFALFA	FLOOD	23.5302	23.5302	1	0
2001	16413866	CORN	FLOOD	16.2718	16.2718	1	0
2001	16414302	ALFALFA	FLOOD	5.6554	5.6554	1	0
2001	16414649	ALFALFA	FLOOD	9.8026	9.8026	1	0
2001	16414650	ALFALFA	FLOOD	16.3953	16.3953	1	0
2001	16414743	CORN	FLOOD	76.0127	76.0127	1	0
2001	16414744	ALFALFA	FLOOD	37.3623	37.3623	1	0
2001	16414745	CORN	FLOOD	83.3739	83.3739	1	0
2001	16414746	ALFALFA	FLOOD	1.5250	1.5250	1	0
2001	16414747	CORN	FLOOD	14.0851	14.0851	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
2001	16415783	CORN	FLOOD	64.6896	64.6896	1	0
2001	16415784	CORN	FLOOD	47.3152	47.3152	1	0
2001	16415790	SUGAR_BEETS	FLOOD	61.7343	61.7343	1	0
2001	16416493	GRASS_PASTURE	FLOOD	34.4484	34.4484	1	0
2001	16416494	ALFALFA	FLOOD	10.0366	10.0366	1	0
2001	16417211	SMALL_GRAINS	FLOOD	24.2132	24.2132	1	0
2001	16417213	ALFALFA	FLOOD	16.8227	16.8227	1	0
2001	16417881	ALFALFA	FLOOD	11.5366	11.5366	1	0
2001	16418224	ALFALFA	FLOOD	27.2451	27.2451	1	0
2001	16418225	ALFALFA	FLOOD	16.1493	16.1493	1	0
2001	16418226	SMALL_GRAINS	FLOOD	15.8183	15.8183	1	0
2001	16418258	CORN	FLOOD	37.8640	37.8640	1	0
2001	16418259	ALFALFA	FLOOD	22.9818	22.9818	1	0
2001	16418261	ALFALFA	FLOOD	2.0327	2.0327	1	0
2001	16418262	CORN	FLOOD	73.8988	73.8988	1	0
2001	16418263	ALFALFA	SPRINKLER	87.4735	87.4735	1	0
2001	16418264	CORN	FLOOD	6.7682	6.7682	1	0
2001	16418909	CORN	FLOOD	33.3328	33.3328	1	0
2001	16418991	SMALL_GRAINS	FLOOD	14.9399	14.9399	1	0
2001	16418992	ALFALFA	FLOOD	4.5645	4.5645	1	0
2001	16418993	ALFALFA	FLOOD	4.4550	4.4550	1	0
2001	16420599	CORN	FLOOD	36.7892	36.7892	1	0
2001	16420600	ALFALFA	FLOOD	35.7864	35.7864	1	0
2001	16420601	DRY_BEANS	FLOOD	24.1314	24.1314	1	0
2001	16420605	CORN	FLOOD	46.1655	46.1655	1	0
2001	16420606	CORN	FLOOD	8.7351	8.7351	1	0
2001	16420607	ALFALFA	FLOOD	41.6277	41.6277	1	0
2001	16420608	ALFALFA	FLOOD	22.7795	22.7795	1	0
2001	16421559	ALFALFA	FLOOD	25.4192	25.4192	1	0
2001	16421560	CORN	FLOOD	78.2024	78.2024	1	0
2001	16421561	CORN	FLOOD	32.5607	32.5607	1	0
2001	16421562	ALFALFA	FLOOD	19.7623	19.7623	1	0
2001	16421563	CORN	SPRINKLER	72.9873	72.9873	1	0
2001	16421564	SMALL_GRAINS	FLOOD	23.8909	23.8909	1	0
2001	16422302	ALFALFA	FLOOD	10.5031	10.5031	1	0
2001	16422303	GRASS_PASTURE	FLOOD	30.8995	30.8995	1	0
2001	16423092	CORN	FLOOD	16.6629	16.6629	1	0
2001	16423093	ALFALFA	FLOOD	67.6852	67.6852	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
2001	16423094	ALFALFA	FLOOD	33.8032	33.8032	1	0
2001	16423099	SMALL_GRAINS	FLOOD	39.9679	39.9679	1	0
2001	16423100	ALFALFA	FLOOD	58.0256	58.0256	1	0
2001	16423101	CORN	FLOOD	20.0687	20.0687	1	0
2001	16423102	GRASS_PASTURE	FLOOD	11.0978	11.0978	1	0
2001	16424002	ALFALFA	FLOOD	9.0991	9.0991	1	0
2001	16424054	CORN	FLOOD	39.6046	39.6046	1	0
2001	16424057	ALFALFA	FLOOD	123.8791	123.8791	1	0
2001	16424058	CORN	FLOOD	50.8712	50.8712	1	0
2001	16424059	ALFALFA	FLOOD	9.6358	9.6358	1	0
2001	16424921	ALFALFA	FLOOD	58.0197	58.0197	1	0
2001	16424922	ALFALFA	FLOOD	4.9866	4.9866	1	0
2001	16424923	ALFALFA	FLOOD	14.1469	14.1469	1	0
2001	16426332	ALFALFA	FLOOD	36.8573	36.8573	1	0
2001	16426654	CORN	FLOOD	6.1691	6.1691	1	0
2001	16426655	CORN	FLOOD	23.8124	23.8124	1	0
2001	16426794	GRASS_PASTURE	FLOOD	143.6425	143.6425	1	0
2001	16426795	GRASS_PASTURE	FLOOD	9.1370	9.1370	1	0
2001	16426970	ALFALFA	FLOOD	9.0704	9.0704	1	0
2001	16426971	ALFALFA	FLOOD	8.7045	8.7045	1	0
2001	16426972	ALFALFA	FLOOD	14.8351	14.8351	1	0
1997	16400324	ALFALFA	FLOOD	34.4258	34.4258	1	0
1997	16400325	GRASS_PASTURE	FLOOD	14.4380	14.4380	1	0
1997	16400328	CORN	FLOOD	24.3621	24.3621	1	0
1997	16402240	ALFALFA	FLOOD	30.5022	30.5022	1	0
1997	16402241	CORN	FLOOD	23.5302	23.5302	1	0
1997	16408622	GRASS_PASTURE	FLOOD	1.5250	1.5250	1	0
1997	16408623	CORN	FLOOD	14.0851	14.0851	1	0
1997	16408797	ALFALFA	FLOOD	5.6554	5.6554	1	0
1997	16409688	CORN	FLOOD	61.7343	61.7343	1	0
1997	16410054	CORN	FLOOD	10.0366	10.0366	1	0
1997	16410396	CORN	FLOOD	24.2132	24.2132	1	0
1997	16410397	CORN	FLOOD	16.8227	16.8227	1	0
1997	16410705	CORN	FLOOD	37.8640	37.8640	1	0
1997	16410744	ALFALFA	FLOOD	24.1314	24.1314	1	0
1997	16410746	ALFALFA	FLOOD	8.7351	8.7351	1	0
1997	16410796	CORN	FLOOD	11.5366	11.5366	1	0
1997	16410948	CORN	FLOOD	22.9818	22.9818	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
1997	16410950	ALFALFA	SPRINKLER	87.4735	87.4735	1	0
1997	16411388	CORN	FLOOD	14.9399	14.9399	1	0
1997	16411389	ALFALFA	FLOOD	4.5645	4.5645	1	0
1997	16411390	ALFALFA	FLOOD	4.4550	4.4550	1	0
1997	16411391	SMALL_GRAINS	FLOOD	27.2451	27.2451	1	0
1997	16411392	CORN	FLOOD	16.1493	16.1493	1	0
1997	16411393	CORN	FLOOD	15.8183	15.8183	1	0
1997	16412792	CORN	FLOOD	23.8909	23.8909	1	0
1997	16413213	SMALL_GRAINS	FLOOD	30.8995	30.8995	1	0
1997	16413715	ALFALFA	FLOOD	16.6629	16.6629	1	0
1997	16413716	ALFALFA	FLOOD	67.6852	67.6852	1	0
1997	16413717	ALFALFA	FLOOD	33.8032	33.8032	1	0
1997	16413719	ALFALFA	FLOOD	20.0687	20.0687	1	0
1997	16413720	CORN	FLOOD	11.0978	11.0978	1	0
1997	16414159	CORN	FLOOD	9.0991	9.0991	1	0
1997	16414192	SMALL_GRAINS	FLOOD	123.8791	123.8791	1	0
1997	16414193	SMALL_GRAINS	FLOOD	9.6358	9.6358	1	0
1997	16414575	SMALL_GRAINS	FLOOD	4.9866	4.9866	1	0
1997	16414789	ALFALFA	FLOOD	9.0704	9.0704	1	0
1997	16414790	ALFALFA	FLOOD	8.7045	8.7045	1	0
1997	16414791	CORN	FLOOD	14.8351	14.8351	1	0
1997	16415289	CORN	FLOOD	6.1691	6.1691	1	0
1997	16415403	CORN	FLOOD	36.8573	36.8573	1	0
1997	16415665	ALFALFA	FLOOD	9.1370	9.1370	1	0
1997	16417946	CORN	FLOOD	9.0775	9.0775	1	0
1997	16417981	CORN	FLOOD	21.2221	21.2221	1	0
1997	16417982	CORN	FLOOD	85.6075	85.6075	1	0
1997	16418267	ALFALFA	FLOOD	18.9097	18.9097	1	0
1997	16418268	ALFALFA	FLOOD	15.5386	15.5386	1	0
1997	16418330	ALFALFA	FLOOD	30.5423	30.5423	1	0
1997	16418331	CORN	FLOOD	45.9494	45.9494	1	0
1997	16418332	ALFALFA	FLOOD	32.2529	32.2529	1	0
1997	16418968	SMALL_GRAINS	FLOOD	14.7348	14.7348	1	0
1997	16421548	ALFALFA	FLOOD	39.4591	39.4591	1	0
1997	16421549	CORN	FLOOD	18.5605	18.5605	1	0
1997	16421550	CORN	FLOOD	51.0807	51.0807	1	0
1997	16421551	SMALL_GRAINS	FLOOD	22.8181	22.8181	1	0
1997	16421552	CORN	FLOOD	30.6537	30.6537	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
1997	16421553	CORN	FLOOD	22.8822	22.8822	1	0
1997	16421554	CORN	FLOOD	22.4767	22.4767	1	0
1997	16421555	CORN	FLOOD	23.4538	23.4538	1	0
1997	16421558	GRASS_PASTURE	FLOOD	5.4740	5.4740	1	0
1997	16421559	CORN	FLOOD	21.2375	21.2375	1	0
1997	16421560	CORN	FLOOD	10.6508	10.6508	1	0
1997	16421561	SMALL_GRAINS	FLOOD	26.6546	26.6546	1	0
1997	16421562	ALFALFA	FLOOD	12.9500	12.9500	1	0
1997	16421563	CORN	FLOOD	25.1136	25.1136	1	0
1997	16421564	SMALL_GRAINS	FLOOD	8.2192	8.2192	1	0
1997	16421565	CORN	FLOOD	28.0111	28.0111	1	0
1997	16421566	CORN	FLOOD	26.7691	26.7691	1	0
1997	16421567	ALFALFA	FLOOD	20.5460	20.5460	1	0
1997	16424250	GRASS_PASTURE	FLOOD	3.5456	3.5456	1	0
1997	16424251	CORN	FLOOD	28.3810	28.3810	1	0
1997	16424252	CORN	FLOOD	13.2466	13.2466	1	0
1997	16424253	CORN	FLOOD	32.9874	32.9874	1	0
1997	16424254	CORN	FLOOD	17.8837	17.8837	1	0
1997	16424382	ALFALFA	FLOOD	8.5580	8.5580	1	0
1997	16424407	GRASS_PASTURE	FLOOD	132.9846	132.9846	1	0
1997	16424408	GRASS_PASTURE	FLOOD	10.6579	10.6579	1	0
1997	16424419	SMALL_GRAINS	SPRINKLER	56.1880	56.1880	1	0
1997	16424420	SMALL_GRAINS	SPRINKLER	16.7992	16.7992	1	0
1997	16424423	GRASS_PASTURE	FLOOD	6.9575	6.9575	1	0
1997	16426487	CORN	FLOOD	39.9679	39.9679	1	0
1997	16427367	CORN	FLOOD	25.4192	25.4192	1	0
1997	16427368	CORN	FLOOD	32.5607	32.5607	1	0
1997	16427980	CORN	FLOOD	64.6896	64.6896	1	0
1997	16428116	SMALL_GRAINS	FLOOD	6.7682	6.7682	1	0
1997	16428982	ALFALFA	FLOOD	44.5645	44.5645	1	0
1997	16428983	CORN	FLOOD	22.7795	22.7795	1	0
1997	16429158	CORN	FLOOD	58.0256	58.0256	1	0
1997	16429400	SMALL_GRAINS	FLOOD	8.6889	8.6889	1	0
1997	16429990	CORN	FLOOD	19.7623	19.7623	1	0
1997	16430242	CORN	FLOOD	22.7117	22.7117	1	0
1987	16400001	DRY_BEANS	FLOOD	36.8956	36.8956	1	0
1987	16400002	CORN	FLOOD	27.7940	27.7940	1	0
1987	16400003	CORN	FLOOD	15.0544	15.0544	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
1987	16400004	SMALL_GRAINS	FLOOD	18.2784	18.2784	1	0
1987	16400005	SUGAR_BEETS	FLOOD	14.2012	14.2012	1	0
1987	16400006	SMALL_GRAINS	FLOOD	12.3058	12.3058	1	0
1987	16400031	ALFALFA	FLOOD	10.3502	10.3502	1	0
1987	16400033	DRY_BEANS	FLOOD	10.2734	10.2734	1	0
1987	16400034	CORN	FLOOD	57.1272	57.1272	1	0
1987	16401524	ALFALFA	FLOOD	30.5022	30.5022	1	0
1987	16401525	SUGAR_BEETS	FLOOD	23.5302	23.5302	1	0
1987	16401526	ALFALFA	FLOOD	34.4258	34.4258	1	0
1987	16401528	ALFALFA	FLOOD	8.6889	8.6889	1	0
1987	16401529	SMALL_GRAINS	FLOOD	24.3621	24.3621	1	0
1987	16403140	CORN	FLOOD	19.1773	19.1773	1	0
1987	16404725	ALFALFA	FLOOD	1.5250	1.5250	1	0
1987	16404726	SMALL_GRAINS	FLOOD	14.0851	14.0851	1	0
1987	16406656	ALFALFA	FLOOD	10.0366	10.0366	1	0
1987	16406777	DRY_BEANS	FLOOD	5.6554	5.6554	1	0
1987	16407003	ALFALFA	FLOOD	9.0704	9.0704	1	0
1987	16407004	CORN	FLOOD	16.2718	16.2718	1	0
1987	16407005	DRY_BEANS	FLOOD	16.3954	16.3954	1	0
1987	16407191	CORN	FLOOD	20.4274	20.4274	1	0
1987	16407507	DRY_BEANS	FLOOD	13.4959	13.4959	1	0
1987	16407508	GRASS_PASTURE	FLOOD	11.9232	11.9232	1	0
1987	16407761	CORN	FLOOD	22.9819	22.9819	1	0
1987	16407762	DRY_BEANS	FLOOD	2.0327	2.0327	1	0
1987	16407763	ALFALFA	FLOOD	6.7681	6.7681	1	0
1987	16407871	ALFALFA	FLOOD	9.1369	9.1369	1	0
1987	16408426	ALFALFA	FLOOD	24.2132	24.2132	1	0
1987	16408427	CORN	FLOOD	14.8351	14.8351	1	0
1987	16408429	DRY_BEANS	FLOOD	16.8227	16.8227	1	0
1987	16409377	CORN	FLOOD	14.9398	14.9398	1	0
1987	16409378	ALFALFA	FLOOD	27.2450	27.2450	1	0
1987	16409379	SMALL_GRAINS	FLOOD	16.1493	16.1493	1	0
1987	16409380	DRY_BEANS	FLOOD	15.8183	15.8183	1	0
1987	16409620	ALFALFA	FLOOD	11.5367	11.5367	1	0
1987	16409632	CORN	FLOOD	36.7893	36.7893	1	0
1987	16409633	CORN	FLOOD	23.8125	23.8125	1	0
1987	16410309	ALFALFA	FLOOD	41.6277	41.6277	1	0
1987	16410310	ALFALFA	FLOOD	22.7795	22.7795	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
1987	16410790	CORN	FLOOD	78.2024	78.2024	1	0
1987	16410791	CORN	FLOOD	32.5608	32.5608	1	0
1987	16410792	CORN	FLOOD	23.8909	23.8909	1	0
1987	16411353	SMALL_GRAINS	FLOOD	10.5031	10.5031	1	0
1987	16411355	SUGAR_BEETS	FLOOD	20.3255	20.3255	1	0
1987	16411715	SUGAR_BEETS	FLOOD	67.6851	67.6851	1	0
1987	16411716	ALFALFA	FLOOD	8.7045	8.7045	1	0
1987	16411718	CORN	FLOOD	39.9679	39.9679	1	0
1987	16411719	CORN	FLOOD	58.0256	58.0256	1	0
1987	16411720	DRY_BEANS	FLOOD	11.0978	11.0978	1	0
1987	16411786	SMALL_GRAINS	FLOOD	9.6359	9.6359	1	0
1987	16411787	ALFALFA	FLOOD	26.2286	26.2286	1	0
1987	16412205	GRASS_PASTURE	FLOOD	9.0991	9.0991	1	0
1987	16412224	SMALL_GRAINS	FLOOD	123.8791	123.8791	1	0
1987	16412528	GRASS_PASTURE	FLOOD	4.9866	4.9866	1	0
1987	16412529	DRY_BEANS	FLOOD	14.1469	14.1469	1	0
1987	16412825	CORN	FLOOD	6.1691	6.1691	1	0
1987	16412828	CORN	FLOOD	8.3419	8.3419	1	0
1987	16412829	ALFALFA	FLOOD	21.5387	21.5387	1	0
1987	16413893	SUGAR_BEETS	FLOOD	5.8872	5.8872	1	0
1987	16413894	DRY_BEANS	FLOOD	9.5734	9.5734	1	0
1987	16414221	CORN	FLOOD	7.9832	7.9832	1	0
1987	16414222	CORN	FLOOD	7.5746	7.5746	1	0
1987	16414590	DRY_BEANS	FLOOD	16.4211	16.4211	1	0
1987	16414777	DRY_BEANS	FLOOD	7.7102	7.7102	1	0
1987	16414785	CORN	FLOOD	12.3132	12.3132	1	0
1987	16414833	DRY_BEANS	FLOOD	18.5862	18.5862	1	0
1987	16414834	SMALL_GRAINS	FLOOD	13.0100	13.0100	1	0
1987	16414906	GRASS_PASTURE	FLOOD	28.0054	28.0054	1	0
1987	16414907	DRY_BEANS	FLOOD	8.1424	8.1424	1	0
1987	16414908	ALFALFA	FLOOD	15.6278	15.6278	1	0
1987	16414909	CORN	FLOOD	33.3698	33.3698	1	0
1987	16414910	SUGAR_BEETS	FLOOD	42.6428	42.6428	1	0
1987	16414911	CORN	FLOOD	19.6990	19.6990	1	0
1987	16414912	ALFALFA	FLOOD	26.4665	26.4665	1	0
1987	16414913	CORN	FLOOD	23.8423	23.8423	1	0
1987	16414914	CORN	FLOOD	31.5798	31.5798	1	0
1987	16414921	DRY_BEANS	FLOOD	18.4697	18.4697	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
1987	16414922	CORN	FLOOD	15.9732	15.9732	1	0
1987	16414926	GRASS_PASTURE	FLOOD	17.1055	17.1055	1	0
1987	16414943	CORN	FLOOD	17.3428	17.3428	1	0
1987	16414946	ALFALFA	FLOOD	33.3939	33.3939	1	0
1987	16414947	DRY_BEANS	FLOOD	28.3404	28.3404	1	0
1987	16414948	SUGAR_BEETS	FLOOD	15.7128	15.7128	1	0
1987	16414949	SUGAR_BEETS	FLOOD	42.3068	42.3068	1	0
1987	16418619	GRASS_PASTURE	SPRINKLER	7.9049	7.9049	1	0
1987	16418620	GRASS_PASTURE	SPRINKLER	20.1802	20.1802	1	0
1987	16418621	DRY_BEANS	FLOOD	37.3623	37.3623	1	0
1987	16418622	CORN	FLOOD	4.5646	4.5646	1	0
1987	16418623	GRASS_PASTURE	FLOOD	4.4550	4.4550	1	0
1987	16418624	ALFALFA	FLOOD	8.7351	8.7351	1	0
1987	16418625	ALFALFA	SPRINKLER	72.9873	72.9873	1	0
1987	16418626	ALFALFA	FLOOD	16.6629	16.6629	1	0
1987	16418627	CORN	SPRINKLER	59.3882	59.3882	1	0
1987	16418628	CORN	FLOOD	20.0687	20.0687	1	0
1987	16418629	CORN	FLOOD	8.3264	8.3264	1	0
1987	16418630	GRASS_PASTURE	FLOOD	1.4761	1.4761	1	0
1987	16418631	CORN	FLOOD	18.8578	18.8578	1	0
1987	16418772	SMALL_GRAINS	FLOOD	105.1927	105.1927	1	0
1987	16418774	CORN	FLOOD	10.9196	10.9196	1	0
1987	16418775	SMALL_GRAINS	FLOOD	14.6444	14.6444	1	0
1987	16418776	SMALL_GRAINS	FLOOD	12.9754	12.9754	1	0
1987	16431162	ALFALFA	FLOOD	25.4397	25.4397	1	0
1987	16437136	DRY_BEANS	FLOOD	25.4596	25.4596	1	0
1987	16437137	CORN	FLOOD	21.8555	21.8555	1	0
1976	16400966	GRASS_PASTURE	FLOOD	34.4258	34.4258	1	0
1976	16400967	CORN	FLOOD	27.2748	27.2748	1	0
1976	16402941	CORN	FLOOD	9.1370	9.1370	1	0
1976	16403446	CORN	FLOOD	23.8125	23.8125	1	0
1976	16404371	CORN	FLOOD	15.8183	15.8183	1	0
1976	16404969	SUGAR_BEETS	FLOOD	78.2024	78.2024	1	0
1976	16405472	SMALL_GRAINS	FLOOD	8.7045	8.7045	1	0
1976	16405613	CORN	FLOOD	123.8791	123.8791	1	0
1976	16405614	ALFALFA	FLOOD	9.6359	9.6359	1	0
1976	16405809	CORN	FLOOD	9.0991	9.0991	1	0
1976	16407141	CORN	FLOOD	13.0100	13.0100	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
1976	16407163	CORN	FLOOD	33.3698	33.3698	1	0
1976	16407166	DRY_BEANS	FLOOD	17.1055	17.1055	1	0
1976	16407167	ALFALFA	FLOOD	15.7128	15.7128	1	0
1976	16407168	ALFALFA	FLOOD	42.3068	42.3068	1	0
1976	16408439	CORN	FLOOD	20.0687	20.0687	1	0
1976	16408460	GRASS_PASTURE	FLOOD	10.9196	10.9196	1	0
1976	16413958	CORN	FLOOD	23.7532	23.7532	1	0
1976	16415528	DRY_BEANS	FLOOD	27.2450	27.2450	1	0
1976	16415529	CORN	FLOOD	23.8909	23.8909	1	0
1976	16415530	ALFALFA	FLOOD	26.2286	26.2286	1	0
1976	16415531	ALFALFA	FLOOD	1.5250	1.5250	1	0
1976	16421122	CORN	FLOOD	54.0324	54.0324	1	0
1976	16421124	CORN	FLOOD	63.7672	63.7672	1	0
1976	16421129	CORN	FLOOD	64.6896	64.6896	1	0
1976	16421130	CORN	FLOOD	72.5756	72.5756	1	0
1976	16421131	CORN	FLOOD	75.2597	75.2597	1	0
1976	16421132	CORN	FLOOD	35.7499	35.7499	1	0
1976	16421133	ALFALFA	FLOOD	33.3328	33.3328	1	0
1976	16421134	CORN	FLOOD	71.4466	71.4466	1	0
1976	16421135	CORN	FLOOD	65.6945	65.6945	1	0
1976	16421136	CORN	FLOOD	30.8995	30.8995	1	0
1976	16421137	CORN	FLOOD	41.0455	41.0455	1	0
1976	16421138	CORN	FLOOD	64.4073	64.4073	1	0
1976	16421139	CORN	FLOOD	27.5930	27.5930	1	0
1976	16421140	ALFALFA	FLOOD	51.7757	51.7757	1	0
1976	16421141	CORN	FLOOD	72.1574	72.1574	1	0
1976	16421142	CORN	FLOOD	95.3879	95.3879	1	0
1976	16421143	ALFALFA	FLOOD	30.2404	30.2404	1	0
1976	16421144	CORN	FLOOD	36.6896	36.6896	1	0
1976	16421145	CORN	FLOOD	39.3656	39.3656	1	0
1976	16421146	ALFALFA	FLOOD	21.6976	21.6976	1	0
1976	16421147	CORN	FLOOD	55.4290	55.4290	1	0
1976	16421148	CORN	FLOOD	86.1335	86.1335	1	0
1976	16421149	ALFALFA	FLOOD	29.8210	29.8210	1	0
1976	16421550	ALFALFA	FLOOD	37.8170	37.8170	1	0
1976	16421551	ALFALFA	FLOOD	54.5269	54.5269	1	0
1976	16422009	GRASS_PASTURE	FLOOD	158.2523	158.2523	1	0
1976	16424458	CORN	FLOOD	47.1408	47.1408	1	0

Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
1976	16424459	CORN	FLOOD	8.5449	8.5449	1	0
1976	16426879	CORN	FLOOD	41.1144	41.1144	1	0
1976	16426880	ALFALFA	FLOOD	23.9094	23.9094	1	0
1976	16428734	DRY_BEANS	FLOOD	52.0969	52.0969	1	0
1976	16428735	ALFALFA	FLOOD	17.2813	17.2813	1	0
1976	16428736	ALFALFA	FLOOD	17.1608	17.1608	1	0
1976	16428897	ALFALFA	FLOOD	13.6323	13.6323	1	0
1976	16429133	SUGAR_BEETS	FLOOD	101.8437	101.8437	1	0
1956	16400776	GRASS_PASTURE	FLOOD	34.4258	34.4258	1	0
1956	16400777	CORN	FLOOD	27.2716	27.2716	1	0
1956	16403084	SUGAR_BEETS	FLOOD	78.2024	78.2024	1	0
1956	16403178	CORN	FLOOD	9.1362	9.1362	1	0
1956	16403845	CORN	FLOOD	15.8183	15.8183	1	0
1956	16403941	CORN	FLOOD	23.8124	23.8124	1	0
1956	16404862	SMALL_GRAINS	FLOOD	8.7045	8.7045	1	0
1956	16405102	CORN	FLOOD	9.0991	9.0991	1	0
1956	16405103	CORN	FLOOD	123.8791	123.8791	1	0
1956	16405104	ALFALFA	FLOOD	9.6358	9.6358	1	0
1956	16405382	ALFALFA	FLOOD	15.7128	15.7128	1	0
1956	16405383	ALFALFA	FLOOD	42.3068	42.3068	1	0
1956	16406396	CORN	FLOOD	13.0100	13.0100	1	0
1956	16406417	CORN	FLOOD	33.3698	33.3698	1	0
1956	16406420	DRY_BEANS	FLOOD	17.1055	17.1055	1	0
1956	16407507	CORN	FLOOD	20.0687	20.0687	1	0
1956	16407537	GRASS_PASTURE	FLOOD	10.9196	10.9196	1	0
1956	16411665	CORN	FLOOD	23.7532	23.7532	1	0
1956	16413635	DRY_BEANS	FLOOD	27.2450	27.2450	1	0
1956	16413636	CORN	FLOOD	23.8909	23.8909	1	0
1956	16413637	ALFALFA	FLOOD	26.2286	26.2286	1	0
1956	16413638	ALFALFA	FLOOD	1.5250	1.5250	1	0
1956	16417484	CORN	FLOOD	54.0324	54.0324	1	0
1956	16417486	CORN	FLOOD	63.7672	63.7672	1	0
1956	16417488	CORN	FLOOD	64.6896	64.6896	1	0
1956	16417489	CORN	FLOOD	72.5756	72.5756	1	0
1956	16417490	CORN	FLOOD	75.2597	75.2597	1	0
1956	16417491	CORN	FLOOD	35.7499	35.7499	1	0
1956	16418185	ALFALFA	FLOOD	33.3328	33.3328	1	0
1956	16418186	CORN	FLOOD	71.4466	71.4466	1	0

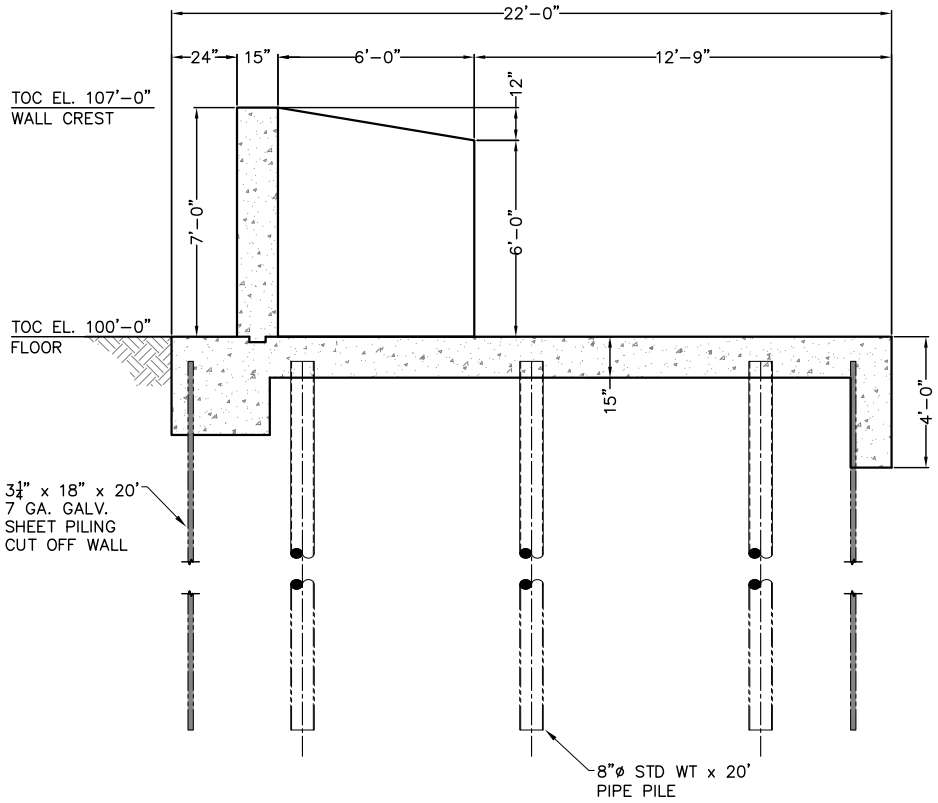
Year	Parcel ID	Land Use	Irrigation Method	Parcel Size (Acres)	Prorated Structure Acres	Linked Surface Water WDIDs	Linked Groundwater WDIDs
1956	16418187	CORN	FLOOD	65.6945	65.6945	1	0
1956	16418188	CORN	FLOOD	30.8995	30.8995	1	0
1956	16418189	CORN	FLOOD	41.0455	41.0455	1	0
1956	16418190	CORN	FLOOD	64.4072	64.4072	1	0
1956	16418191	CORN	FLOOD	27.5930	27.5930	1	0
1956	16418192	ALFALFA	FLOOD	51.7757	51.7757	1	0
1956	16418193	CORN	FLOOD	72.1671	72.1671	1	0
1956	16418194	CORN	FLOOD	95.3879	95.3879	1	0
1956	16418195	ALFALFA	FLOOD	30.2404	30.2404	1	0
1956	16418196	CORN	FLOOD	36.6799	36.6799	1	0
1956	16418197	CORN	FLOOD	39.3657	39.3657	1	0
1956	16418198	ALFALFA	FLOOD	21.6976	21.6976	1	0
1956	16418199	CORN	FLOOD	86.1321	86.1321	1	0
1956	16418200	ALFALFA	FLOOD	29.8209	29.8209	1	0
1956	16418496	ALFALFA	FLOOD	37.8171	37.8171	1	0
1956	16418497	ALFALFA	FLOOD	54.5269	54.5269	1	0
1956	16418836	GRASS_PASTURE	FLOOD	158.2527	158.2527	1	0
1956	16422992	CORN	FLOOD	41.1144	41.1144	1	0
1956	16422993	ALFALFA	FLOOD	23.9094	23.9094	1	0
1956	16423194	CORN	FLOOD	47.1407	47.1407	1	0
1956	16423195	CORN	FLOOD	8.5449	8.5449	1	0
1956	16424641	DRY_BEANS	FLOOD	52.0965	52.0965	1	0
1956	16424642	ALFALFA	FLOOD	17.2813	17.2813	1	0
1956	16424643	ALFALFA	FLOOD	17.1608	17.1608	1	0
1956	16424928	ALFALFA	FLOOD	13.6323	13.6323	1	0
1956	16425489	SUGAR_BEETS	FLOOD	101.8437	101.8437	1	0
1956	16429522	CORN	FLOOD	55.4366	55.4366	1	0

APPENDIX C

Preliminary Design Drawings

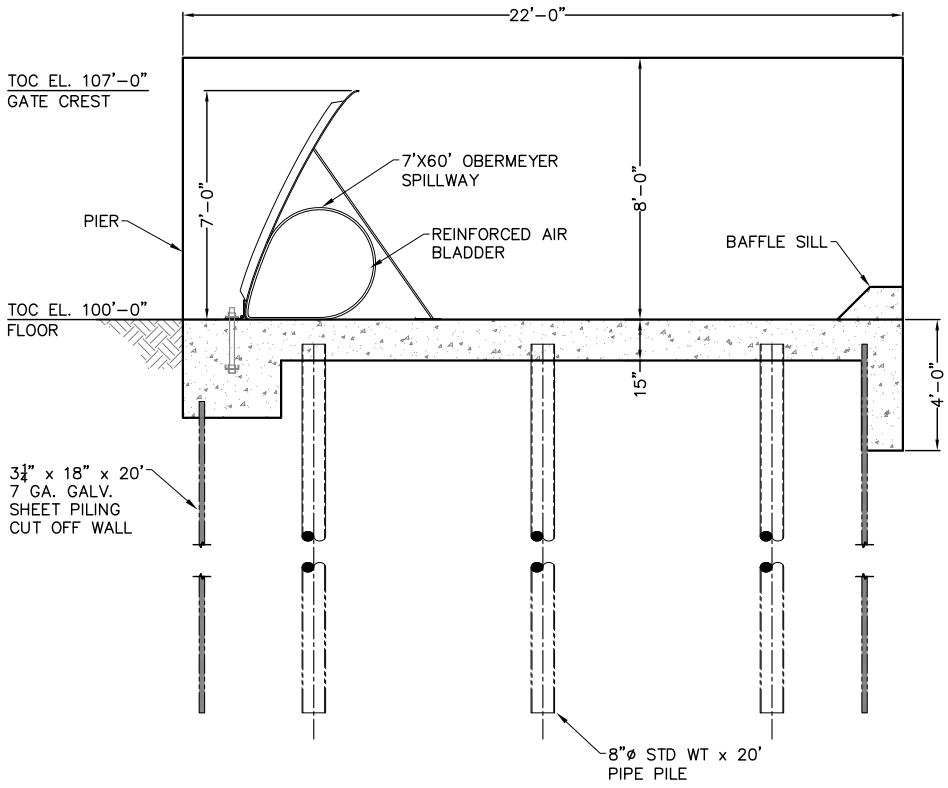
HARRIS ENGINEERING CONSULTANTS, INC.
21484 County Road T.5
Fort Morgan, CO 80701
(970) 542-0423

SCALE:	1" = 30'	SCHNEIDER DITCH DIVERSION STRUCTURE REPAIR PROJECT PROPOSED SITE PLAN		
DRAWN:	MCH			
CAD FILE:	18001 SCHNEIDER DIVERSION VX.DWG	DATE: 11/19/18	FIGURE C1	REV. A



ROLLOVER WALL

SCALE: 3/8" = 1'-0"



SPILLWAY

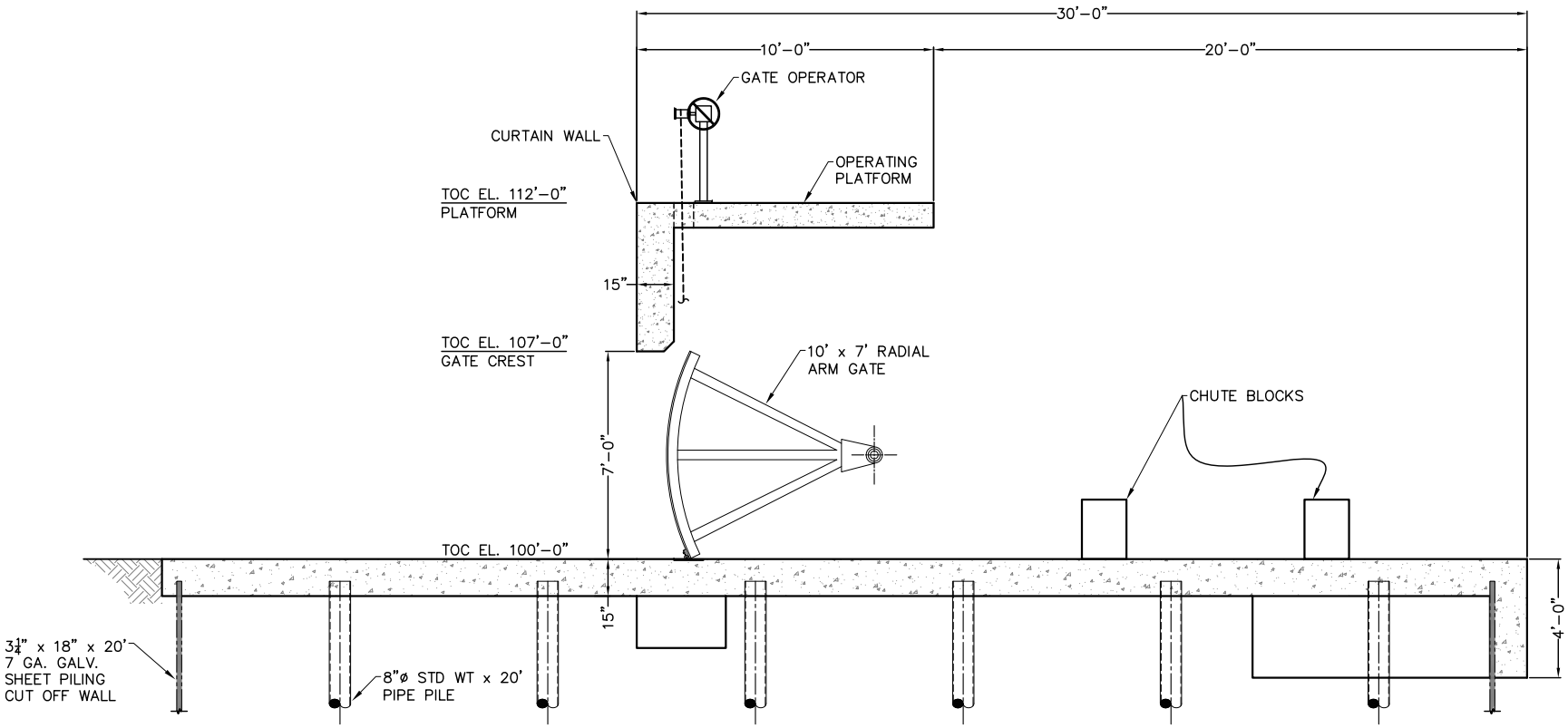
SCALE: 3/8" = 1'-0"

HARRIS ENGINEERING CONSULTANTS, INC.
21484 County Road T.5
Fort Morgan, CO 80701
(970) 542-0423

SCALE:	AS NOTED
DRAWN:	MCH
CAD FILE:	18001 SCHNEIDER DIVERSION VX.DWG

SCHNEIDER DITCH DIVERSION STRUCTURE REPAIR PROJECT
TYPICAL SECTIONS

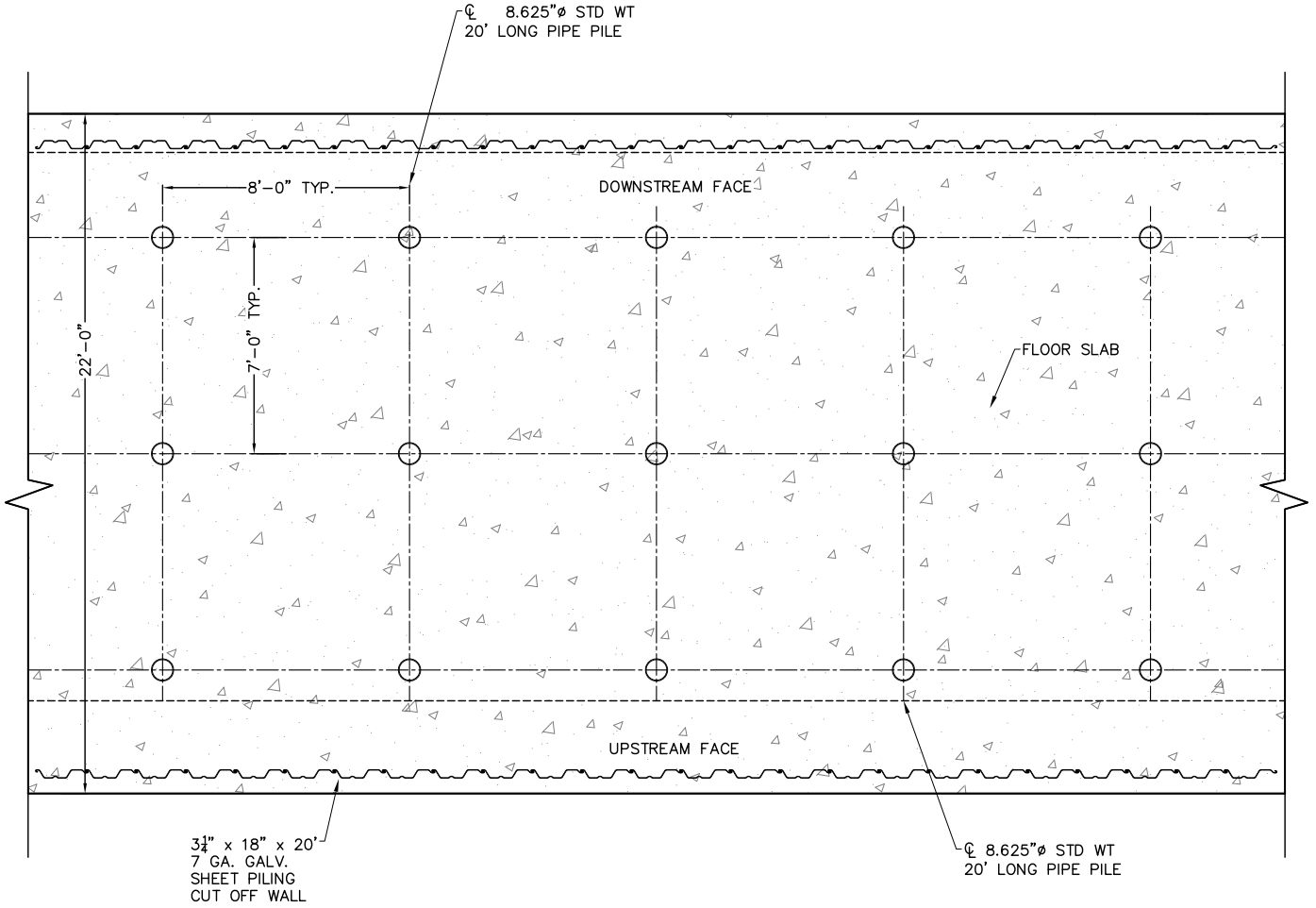
DATE: 11/19/18 | FIGURE C2 | REV. A



RIVER BYPASS

SCALE: 3/8" = 1'-0"

HARRIS ENGINEERING CONSULTANTS, INC. 21484 County Road T.5 Fort Morgan, CO 80701 (970) 542-0423	*SCALE:*	AS NOTED	**SCHNEIDER DITCH DIVERSION STRUCTURE REPAIR PROJECT** **TYPICAL SECTIONS**		
	DRAWN:	MCH			
	CAD FILE:	18001 SCHNEIDER DIVERSION VX.DWG	*DATE:* 11/19/18	FIGURE C3	*REV.* A



PILING LAYOUT

SCALE: 3/8" = 1'-0"

HARRIS ENGINEERING CONSULTANTS, INC.
21484 County Road T.5
Fort Morgan, CO 80701
(970) 542-0423

SCALE:	AS NOTED	SCHNEIDER DITCH DIVERSION STRUCTURE REPAIR PROJECT PROPOSED PILING LAYOUT	
DRAWN:	MCH		
CAD FILE:	18001 SCHNEIDER DIVERSION VX.DWG	DATE: 11/19/18	FIGURE C4	REV. A

APPENDIX D

Detailed Construction Cost Estimate of Preferred Alternative

SCHNEIDER DITCH COMPANY

PO Box 1811 Sterling, CO 80751

SOUTH PLATTE DIVERSION STRUCTURE

PROJECT COST ESTIMATE

$1,232,550

FEASIBILITY COST ESTIMATE

NEW DIVERSION STRUCTURE

Demolish and Remove Existing Structure. Install: 7'x60' Spillway, 4'x10' Headgate, 10' River Bypass Gate, 15'x20' Control Building, Controls & Automation.

HARRIS ENGINEERING CONSULTANTS, INC.

PROCUREMENT AND INSTALLATION

	Description	Quantity	Unit	Unit Cost	Base Cost	Contg.	Total Cost	Basis
1	Mobilization, Site Preparation & Restoration		LS		$10,000		$10,000	Estimate
2	Demolish Existing Concrete Structures (process & stockpile on site)	500	CY	$60	$30,000		$30,000	Estimate
3	De-Watering		LS		$65,000		$65,000	Estimate
4	Earthwork	3,500	CY	$10	$35,000		$35,000	Estimate
5	Rip-Rap Placement (demolished concrete on site)	500	CY	$30	$15,000		$15,000	Estimate
6	Sheet Piling Cutoff Wall, 7 Ga. Galvanized	8,500	SF	$19	$161,500		$161,500	Estimate
7	Structural Piling, 8.625" OD x 0.322" WT Pipe	1,600	LF	$35	$56,000		$56,000	Estimate
8	60' x 7' Spillway, Obermeyer Bladder Gate, 304L Stainless Steel		LS		$233,000		$233,000	Estimate
9	10' x 4' Headgate, Obermeyer Bladder Gate, 304L Stainless Steel		LS		$28,000		$28,000	Estimate
10	Bladder Gate Air Supply and Control System Equipment (PLC based)		LS		$52,000		$52,000	Estimate
11	Bladder Gate Freight & Installation Supervision		LS		$5,000		$5,000	Estimate
12	Obermeyer Gate Installation (incl. air supply piping)		LS		$30,000		$30,000	Estimate
13	7' x 10' River Bypass Gate, Radial Arm, 304L Stainless Steel, Electric Hoist		LS		$27,000		$27,000	Estimate
14	River Bypass Gate Installation		LS		$5,000		$5,000	Estimate
15	New Electric Service, Buried, 480/3/60 (meter drop, xformer bank, conduit/wire)		LS		$35,000		$35,000	Estimate
16	Site Electrical Work		LS		$10,000		$10,000	Estimate
17	Structural Concrete, 4500 psi @ 28 days (forming, placement, finishing)	400	CY	$550	$220,000		$220,000	Estimate
18	Control Building 15' x 20' (CIP concrete)	300	SF	$120	$36,000		$36,000	Estimate
19	Hand Rails	160	LF	$50	$8,000		$8,000	Estimate
20	Telemetry (cellular based)		LS		$5,000		$5,000	Estimate
21								
22								
23								
24								
25								
26								
27								
28								
29								
				SUBTOTAL:	$1,066,500		$1,066,500	

ENGINEERING, ADMINISTRATION AND CONTINGENCY

	Description	Quantity	Unit	Unit Cost	Base Cost	Contg.	Total Cost	Basis
30	Engineering, Planning & Design		LS		$21,000		$21,000	Estimate
31	Construction Management & Administration		LS		$16,000		$16,000	Estimate
32	Controls Programming		LS		$8,000		$8,000	Estimate
33	Legal Services (review of company by-laws, contracts, etc.)		LS		$5,000		$5,000	Estimate
34	Materials Testing	4	Days	$500	$2,000		$2,000	Estimate
35	Surveying, 2-Man Crew	1	Days	$2,000	$2,000		$2,000	Estimate
				SUBTOTAL:	$54,000		$54,000	
				SUBTOTAL ALL ITEMS:	$1,120,500		$1,120,500	
36	Miscellaneous and Contingency @ 10%						$112,050	
				TOTAL CONSTRUCTION COST:	$1,120,500	10.0%	$1,232,550	

REV A

APPENDIX H

Stockholders List

SCHNEIDER DITCH COMPANY
STERLING, COLORADO

LIST OF STOCKHOLDERS
January 31, 2018

NAME OF STOCKHOLDER	CERTIFICATE NUMBER	NUMBER OF SHARES
ACCOMASSO, PARY P., SUSAN K., ELAINE MARTINELLI	260	13-1/2
ACCOMASSO, PARY P., SUSAN K., ELAINE MARTINELLI	261	6
CARLSON, BRYCE E. & KENDRA K.	245	2
ATWOOD FARMS - (CECIL FARMS)	266	6-1/2
COOK, TIMOTHY G. & LAURA L.	247	2
COOK, TIMOTHY G. & LAURA L. & BANK OF COLORADO	258	3
COOK, TIMOTHY G. & LAURA L.	259	2
TVBAR. INC & PREMIER FARM CREDIT	276	14
TVBAR, INC	275	3
HOOGLAND, BERNARD & CHERYL, TRUST	246	7
KLINDT, DAN & DEBRA	224	1-1/2
KLINDT, DAN & DEBRA	228	3-3/4
LINGREEN, ROBERT D. & A.J.	238	5-1/2
LINGREEN, ROBERT D. & A.J.	251	7
LINGREEN, ROBERT D.	267	3-1/2
MANUELLO, JAMES, DONALD, & JUDY ARMSTRONG	250	6
MICHEL, LAWRENCE F. & CHARLENE J. LIVING TRUST	256	3
MICHEL, LORI J.	253	3-1/2
MICHEL, LORI J.	257	2
PROPST FARMS, INC	273	5
RASMUSSEN, DEAN & SHARON	241	7
YETTER, RUSSELL L & JEWELIE S	274	1
SMART, W.A. & ALBERTA M. TRUST	242	3-3/4
STATE GAME AND FISH	196	2
STATE GAME AND FISH	213	4
TRAHERN HAY INC.	262	3-1/2
TRAHERN HAY INC.	263	4
TOTAL SHARES		**125**

Schneider Ditch Company
Special Meeting

Date: September 25, 2018
Time: 1:30 PM
Location: Logan County Water Conservancy District Office

Members Present:

Pary Accomasso	19.5
Bryce Carlson	2
Atwood Farms	6.5
Timothy & Laura Cook	7
TV Bar Inc	17
Bernard Hoogland Trust	7
Dan & Debra Klindt	5.25
Robert LIngreen	16
Don Manuello	6
Lawrence Michel	3
Lori Michel – Proxy Jerry Michel	5.5
Propst Farms Inc – Proxy Tim Propst	5
Dean Rasmussen	7
Russell & Jewelie Yetter	1
WA & Alberta Smart Trust – Proxy Carson Smart	3.75
State Game & Fish	6
Trahern Hay Inc – Proxy Pary Accomasso	7.5
Total Shares Represented	125

Members Absent:

Guests Present:

Katy Barkley	Johnson & Associates, CPAs, PC
Matt Harris	Harris Engineering Consultants
Lucas Lingreen	
Devin Heller	
Janae Kerr	

Meeting was called to order at 1:30 p.m. by Bob Lingreen, president.

Meeting was turned over to Matt Harris to present his 6 different options for the South Platte River Division Structure Rehabilitation Project.

Matt explained each of the optioned attached to these minutes and the differences of each. It was pointed out that with Option 2 the Ditch would have to get a 404 Permit. A 404 Permit requires that you work with the federal government. With this process it could take anywhere from 6-9 months, you must then work with the State Historical office to make sure that no damage occurs during the process to anything considered to be historical within the channel. The federal government has the right to dictate the what the design of the structure will be.

Options 3, 4, 5 - are considered to be Agricultural related and will fall under the exempt process and will not require a 404 permit. There will be changes to the river structure.

Larry Michel asked if these options were keeping the floor of the water structure the same to keep sand flowing smoothly. Matt indicated that Option 4 will have the same floor, but Options 3 and 5 new floors will be poured, and it will then be lowered by 1 – 1 ½ feet. Option 1 will also lower the floor of the ditch.

Tim Cook asked about partial spilling. Matt indicated that by partial spilling you will also require a 404 permit with the federal government.

Bryce Carlson asked about changing the channel and what the life expectancy would be of the new structure would be. Matt explained that there would be a channel change and that the stainless and epoxy coated gates should last between 50-75 years. Options 1a, 3 and 5 were quoted at Carbon Steel and options 1 & 4 at Stainless steel.

How long from start to finish would it be for Option 1? Matt indicated that in favorable conditions it would be 10-12 weeks.

Dan Klindt wanted to know about the water flow in the ditch. Matt indicated that with the 8 foot radial gate at 4 feet it would flow 250 cu. Ft. per second.

Pictures of the existing structure were passed around for the members to review.

Carson Smart motioned to go with option 1 and authorize the Board to finance with CWCB. Dean Rasmussen 2nd. After a little bit of discussion the voting process began.

Dan Klindt motioned to have a verbal vote, Pary Accomasso 2nd. Motion did not carry.

Paper Voting slips were passed around to the members to vote on Carson's motion.

No – 45.75 Member Shares

Yes – 79.25 Member Shares

With 63.4% of the members voting yes and 36.6% voting no – motion carried to proceed with Option 1 of Matt Harris's proposal.

Don Manuello then talked about that this is a difficult situation and that we win as a team and we lose as a team but he hopes that we can salvage this as a win situation.

Bob asked for a motion to adjourn the meeting. Carson Smart moved to the adjourn the meeting and Jerry Michel 2nd. Motion carried.

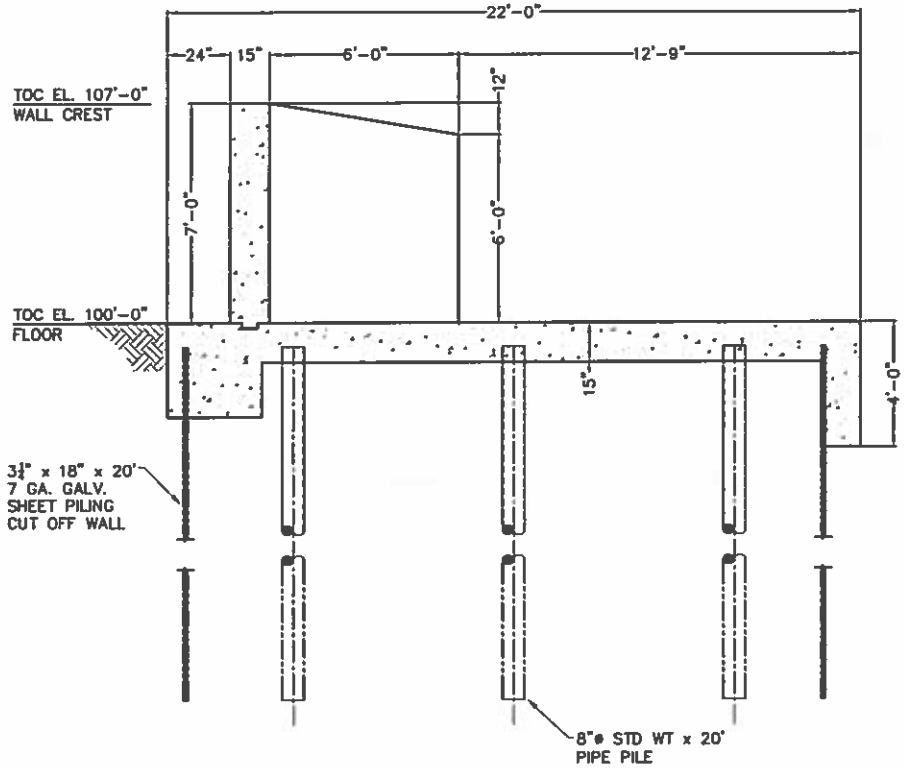
Meeting was adjourned at 2:30 p.m.

Respectfully Submitted.

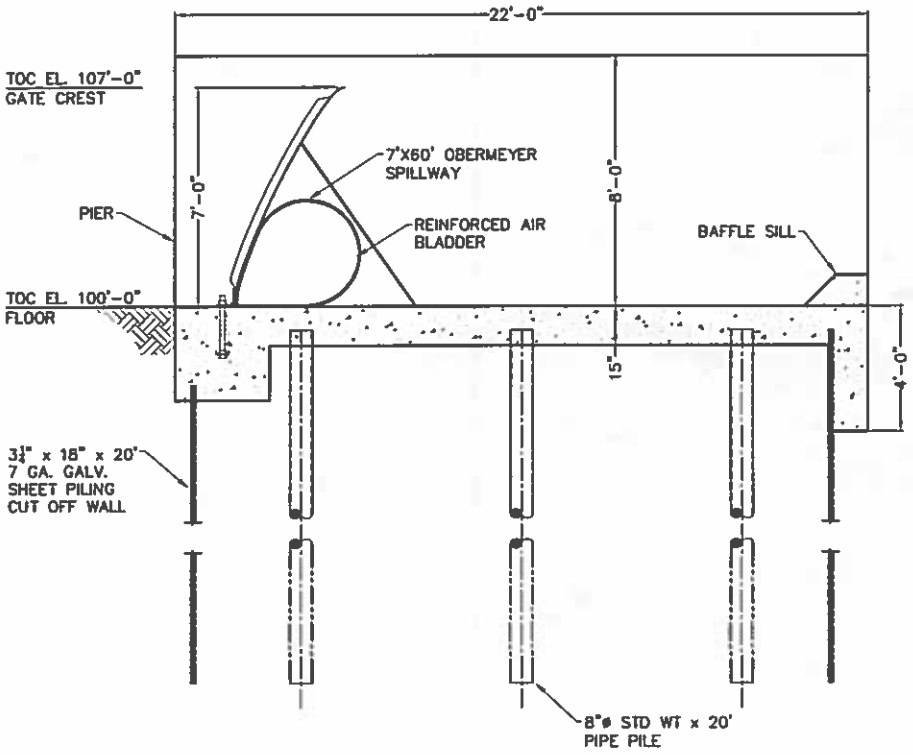
Katy Barkley, Recording Secretary
Johnson & Associates, CPAs, PC

HARRIS ENGINEERING CONSULTANTS, INC.
21484 County Road T.5
Fort Morgan, CO 80701
(970) 542-0423

SCALE:	1" = 30'	SCHNEIDER DITCH DIVERSION STRUCTURE REPAIR PROJECT PROPOSED SITE PLAN	
DRAWN:	MCH		
CAD FILE:	18001 SCHNEIDER DIVERSION VX.DWG	DATE: 11/19/18	FIGURE C1	REV A



ROLLOVER WALL
SCALE: 3/8" = 1'-0"



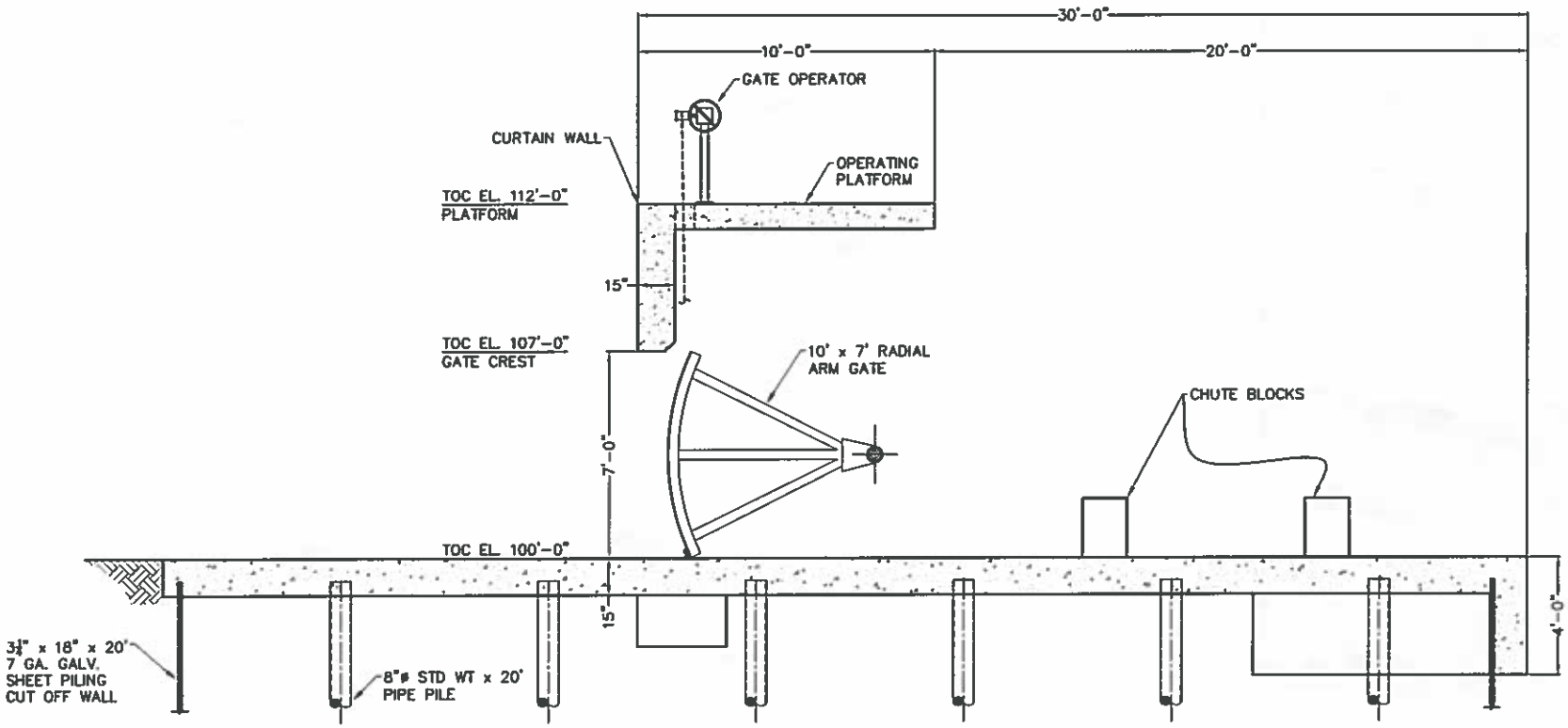
SPILLWAY
SCALE: 3/8" = 1'-0"

HARRIS ENGINEERING CONSULTANTS, INC.
21484 County Road T.5
Fort Morgan, CO 80701
(970) 542-0423

SCALE:	AS NOTED
DRAWN:	MCH
CAD FILE:	18001 SCHNEIDER DIVERSION VX.DWG

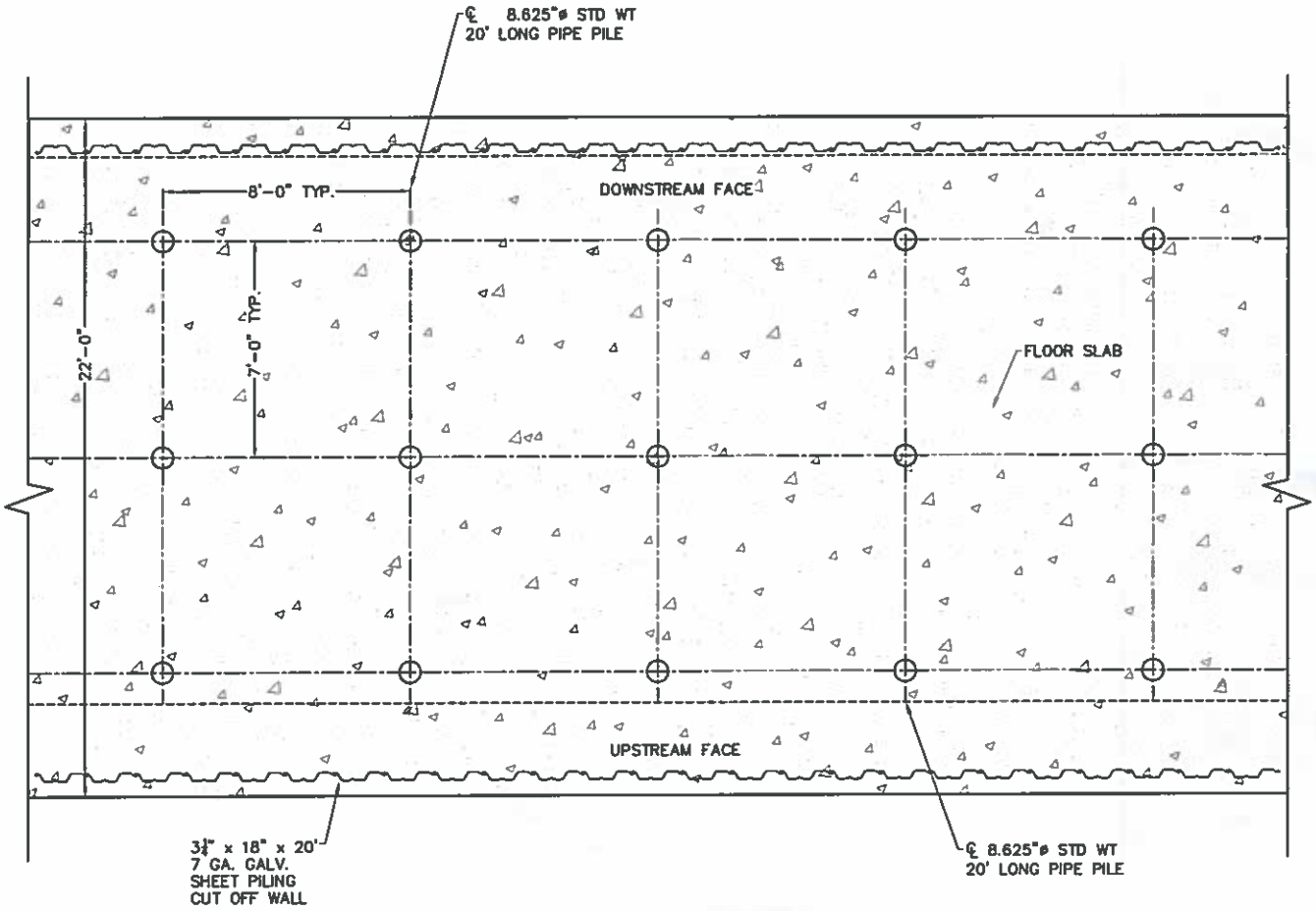
SCHNEIDER DITCH DIVERSION STRUCTURE REPAIR PROJECT
TYPICAL SECTIONS

DATE: 11/19/18 | FIGURE C2 | REV. A



RIVER BYPASS
SCALE: 3/8" = 1'-0"

HEC HARRIS ENGINEERING CONSULTANTS, INC. 21484 County Road T.5 Fort Morgan, CO 80701 (970) 542-0423	SCALE:	AS NOTED	SCHNEIDER DITCH DIVERSION STRUCTURE REPAIR PROJECT TYPICAL SECTIONS		
	DRAWN:	MCH			
	CAD FILE:	18001 SCHNEIDER DIVERSION VX.DWG	DATE: 11/19/18	FIGURE C3	REV. A



PILING LAYOUT

SCALE: 3/8" = 1'-0"

HARRIS ENGINEERING CONSULTANTS, INC.
21484 County Road T.5
Fort Morgan, CO 80701
(970) 542-0423

SCALE:	AS NOTED
DRAWN:	MCH
CAD FILE:	18001 SCHNEIDER DIVERSION VX.DWG

SCHNEIDER DITCH DIVERSION STRUCTURE REPAIR PROJECT
PROPOSED PILING LAYOUT

DATE: 11/19/18 | FIGURE C4 | REV A

for the planting of crops. The term does not include the redistribution of soil, rock, sand, or other surficial materials in a manner which changes any area of the waters of the United States to dry land. For example, the redistribution of surface materials by blading, grading, or other means to fill in wetland areas is not plowing. Rock crushing activities which result in the loss of natural drainage characteristics, the reduction of water storage and recharge capabilities, or the overburden of natural water filtration capacities do not constitute plowing. Plowing as described above will never involve a discharge of dredged or fill material.

(E) ***Seeding*** means the sowing of seed and placement of seedlings to produce farm, ranch, or forest crops and includes the placement of soil beds for seeds or seedlings on established farm and forest lands.

(2) Maintenance, including emergency reconstruction of recently damaged parts, of currently serviceable structures such as dikes, dams, levees, groins, riprap, breakwaters, causeways, bridge abutments or approaches, and transportation structures. Maintenance does not include any modification that changes the character, scope, or size of the original fill design. Emergency reconstruction must occur within a reasonable period of time after damage occurs in order to qualify for this exemption.

(3) Construction or maintenance of farm or stock ponds or irrigation ditches, or the maintenance (but not construction) of drainage ditches. Discharges associated with siphons, pumps, headgates, wingwalls, weirs, diversion structures, and such other facilities as are appurtenant and functionally related to irrigation ditches are included in this exemption.

(4) Construction of temporary sedimentation basins on a construction site which does not include placement of fill material into waters of the U.S. The term "construction site" refers to any site involving the erection of buildings, roads, and other discrete structures and the installation of support facilities necessary for construction and utilization of such structures. The term also includes any other land areas which involve land-disturbing excavation activities, including quarrying or other mining activities, where an increase in the runoff of sediment is controlled through the use of temporary sedimentation basins.

(5) Any activity with respect to which a State has an approved program under section 208(b)(4) of the CWA which meets the requirements of sections 208(b)(4) (B) and (C).

(6) Construction or maintenance of farm roads, forest roads, or temporary roads for moving mining equipment, where such roads are constructed and maintained in accordance with best management practices (BMPs) to assure that flow and circulation patterns and chemical and biological characteristics of waters of the United States are not impaired, that the reach of the waters of the United States is not reduced, and that any adverse effect on the aquatic environment will be otherwise minimized. These BMPs which must be applied to satisfy this provision shall include those detailed BMPs described in the State's approved program description pursuant to the requirements of 40 CFR 233.22(i), and shall also include the following baseline provisions:

SCHNEIDER DITCH CO.

	1875 Right	1880 Right
11-15-1894 Original Decree	37.5 cfs	75.0 cfs
7-5-1903 Injunction decree #766	-12.5 cfs	-53.0 cfs
remaining	25.0 cfs	22.0 cfs
3-7-1910 transfer to S.Platte Ditch BFM Corp #1435	-1.4 cfs	-1.232 cfs
remaining	23.6 cfs	20.768 cfs
6-6-1908 transfer to Davis Bros Ditch Accomasso #1212	-3.5 cfs	-3.080 cfs
remaining	20.1 cfs	17.688 cfs

Total remaining at Schneider Ditch Headgate 37.788 cfs

1-1-2007 as per Original Transfer Decree #1212 (Accomasso) 6-6-1908 the amount of 6.58 cfs will be added to Schneider Ditch diversion .

TOTAL SCHNEIDER DITCH COMPANY DIVERSION AS OF 1-1-2007

BEFORE MEADOW RIGHTS OUT-----55.368 CFS*

AFTER MEADOW RIGHTS OUT-------44.368 CFS*

*Note: Figures provided 7-20-1994 by Alan D Berryman P.E., Division Engineer
Recalculated 10-11-2006 by Brent Schantz, Water Commissioner

Structure Summary Report

Structure Name: SCHNEIDER DITCH **Water District:** 64 **Structure ID Number:** 531

Source: South Platte River

Location:	Q10	Q40	Q160	Section	Twnshp	Range	PM
	NW	NW	SW	9	6N	53W	S

Distance From Section Lines: From N/S Line: From E/W Line:

UTM Coordinates (NAD 83): Northing (UTM y): 4484620 Easting (UTM x): 643120 Spotted from PLSS distances from section lines

Latitude/Longitude (decimal degrees): 40.499955 -103.310987

Water Rights Summary:						
Total Decreed Rate(s) (CFS):	Absolute: 102.2080	Conditional: 4.5800	AP/EX: 2.7789
Total Decreed Volume(s) (AF):	Absolute: 0.0000	Conditional: 0.0000	AP/EX: 0.0000

Water Rights -- Transactions

Case Number	Adjudication Date	Appropriation Date	Administration Number	Order Number	Priority Number	Decreed Amount	Adjudication Type	Uses	Action Comment
03CW0195	1897-05-29	1873-04-10	8501.00000	0		2.9920 C	O,TT	1AR	LOGAN WELL USERS CHNG USE; SEE PARA 35.4 ON
03CW0195	1897-05-29	1873-04-10	8501.00000	0		2.9920 C	O,TF	1	LOGAN WELL USERS CHNG USE; SEE PARA 35.4 ON
CA0547	1897-05-29	1873-04-10	8501.00000	0		9.0000 C	O	1	84-89 SUB-IRRIG. MEADOW RIGHT
CA0547	1897-05-29	1873-04-10	8501.00000	0		2.0000 C	O	1	84-89 SUB-IRRIGATION MEADOW RIGHT
91CW0014	1894-11-15	1874-04-10	8866.00000	0		0.0948 C	O,AP	1	ALT PT TO DAVIS BROS DITCH
03CW0195	1894-11-15	1875-07-15	9327.00000	0		6.8000 C	O,TF	1	LOGAN WELL USERS CHNG USE
03CW0195	1894-11-15	1875-07-15	9327.00000	0		6.8000 C	O,TT	1AR	LOGAN WELL USERS CHNG USE
90CW0072	1894-11-15	1875-07-15	9327.00000	0		2.0000 C	O,TT	1	TFR FM DAVIS BROS D 08/23/1991
91CW0014	1894-11-15	1875-07-15	9327.00000	0		0.0664 C	O,AP	1	ALT PT TO DAVIS BROS DITCH
CA0304	1894-11-15	1875-07-15	9327.00000	0		37.5000 C	O	1	16 ASP 40 PRIORITY NO. CORRECTED 5-29-1897
CA0766	1894-11-15	1875-07-15	9327.00000	0		12.5000 C	O,AB	1	159 INJUCTIVE DECREE 7-5-1903
CA1212	1894-11-15	1875-07-15	9327.00000	0		3.5000 C	O,TF	1	TB235 TFR TO DAVIS BROS D 06/06/1908
CA1435	1894-11-15	1875-07-15	9327.00000	0		1.4000 C	O,TF	1	TB213 TFR TO S PLATTE D CO EXT 03/07/1910
CA1690	1894-11-15	1875-07-15	9327.00000	0		2.0000 C	O,TF	1	TB241D TFR TO DAVIS BROS D 01/19/1912
03CW0195	1894-11-15	1880-10-20	11251.00000	0		5.9840 C	O,TF	1	LOGAN WELL USERS CHNG USE; SEE PARA 35.4 ON
03CW0195	1894-11-15	1880-10-20	11251.00000	0		5.9840 C	O,TT	1AR	LOGAN WELL USERS CHNG USE; SEE PARA 35.4 ON
90CW0072	1894-11-15	1880-10-20	11251.00000	0		1.7600 C	O,TT	1	TFR FM DAVIS BROS D 08/23/1991
91CW0014	1894-11-15	1880-10-20	11251.00000	0		0.1058 C	O,AP	1	ALT PT TO DAVIS BROS DITCH
CA0304	1894-11-15	1880-10-20	11251.00000	0		75.0000 C	O	1	16 ASP 40 ORIGINAL PRI. 5 CHANGED TO 7 5-29-1897
CA0766	1894-11-15	1880-10-20	11251.00000	0		53.0000 C	O,AB	1	159 ORIG. APPRO. DATE 10-18-1880 INJUCTIVE DECREE
CA1212	1894-11-15	1880-10-20	11251.00000	0		3.0800 C	O,TF	1	TB235 TFR TO DAVIS BROS D 06/06/1908
CA1435	1894-11-15	1880-10-20	11251.00000	0		1.2320 C	O,TF	1	TB213 TFR TO S PLATTE D CO EXT 03/07/1910
CA1690	1894-11-15	1880-10-20	11251.00000	0		1.7600 C	O,TF	1	TB241D TFR TO DAVIS BROS D 01/19/1912
91CW0014	1897-05-29	1890-12-01	14945.00000	0		0.1422 C	O,AP	1	ALT PT TO DAVIS BROS DITCH
91CW0014	1899-11-10	1894-09-20	16334.00000	0		0.9479 C	O,AP	1	ALT PT TO DAVIS BROS DITCH
91CW0014	1910-04-23	1903-05-25	19502.00000	0		1.4218 C	S,AP	1	ALT PT TO DAVIS BROS DITCH
03CW0195	2003-12-31	2003-01-13	55895.00000	0		43.7000 C	S,C	AR	
03CW0195	2003-12-31	2003-01-13	55895.00000	0		14.3000 C	S	AR	
12CW0017	2003-12-31	2003-01-13	55895.00000	0		39.1200 C	S,CA	AR	MADE ABSOLUTE
03CW0195	2005-12-31	2003-04-23	56613.55995	0		52.0000 C	S,C,EX	12379AR	EXCH FM ILIFF & PLATTE VLY REACH
03CW0195	2005-12-31	2003-04-23	56613.55995	0		52.0000 C	S,C,EX	12379AR	EXCH FM STERLING NO 1 REACH

Water Rights -- Net Amounts

Adjudication Date	Appropriation Date	Administration Number	Order Number	Priority/Case Number	Rate (CFS)			Volume (Acre-Feet)		
					Absolute	Conditional	AP/EX	Absolute	Conditional	AP/EX
1897-05-29	1873-04-10	8501.00000	0	03CW0195	11.0000	0	0			
1894-11-15	1874-04-10	8866.00000	0	91CW0014	0	0	0.0948			
1894-11-15	1875-07-15	9327.00000	0	03CW0195	20.1000	0	0.0664			
1894-11-15	1880-10-20	11251.00000	0	03CW0195	17.6880	0	0.1058			
1897-05-29	1890-12-01	14945.00000	0	91CW0014	0	0	0.1422			
1899-11-10	1894-09-20	16334.00000	0	91CW0014	0	0	0.9479			
1910-04-23	1903-05-25	19502.00000	0	91CW0014	0	0	1.4218			
2003-12-31	2003-01-13	55895.00000	0	12CW0017	53.4200	4.5800	0			
2005-12-31	2003-04-23	56613.55995	0	03CW0195	0	0	104.0000			

Irrigated Acres Summary -- Totals From Various Sources

GIS Total (Acres):	2313.931	Reported: 2010
Diversion Comments Total (Acres):	4000	Reported: 2007
Structure Total (Acres):		Reported:

b. Schneider Ditch

(1) The Applicant is owner of seven (7) shares of stock in the Schneider Ditch Company, and by reason thereof is entitled to a proportionate share of the water available under the following decrees entered in Water District 64:

(a) Date entered: May 29, 1897
Priority No.: 2
Appropriation Date: April 10, 1875 1873
Decreed Amount: 11 c.f.s.

(b) Date entered: July 25, 1903
Priority No.: 6
Appropriation Date: July 15, 1875
Decreed Amount: 25 c.f.s.

(c) Date entered: July 25, 1903
Priority No.: 7
Appropriation Date: October 20, 1880
Decreed Amount: 22 c.f.s.

(2) Decreed Point of Diversion: The Schneider Ditch headgate is located on the south bank of the South Platte River in the NW¼ SW¼, Section 9, Township 6 North, Range 53 West of the 6th P.M. in Logan County, Colorado.

The decreed point of diversion for BFM's Schneider Ditch water rights was changed from the Schneider Ditch headgate to the Davis Brothers' Ditch headgate, described above in paragraph 8(a)(2), by the decree entered in Case No. 1669 in the District Court for Logan County, November 15, 1911.

(3) Source: South Platte River.

(4) Use: Irrigation.

c. Logan Irrigation District (Prewitt Reservoir)

(1) The Applicant owns 334.5 acres in the Logan Irrigation District, and is entitled to a proportionate share of the water and water rights of the District. The Logan Irrigation District owns 17/31 of all water stored in

35.1. Decrees. The Schneider Ditch was decreed in the Logan County District Court, Case No. 547 on May 29, 1897 for 11 c.f.s. with an appropriation date of April 10, 1873; Case No. 766 on November 15, 1894 for 25 c.f.s. with an appropriation date of July 15, 1875 and 22 c.f.s. with an appropriation date of October 20, 1880. The decreed use is irrigation. The point of diversion is on the south bank of the South Platte River near the NW ¼ SW ¼ of Section 9, Township 6 North, Range 53 West of the 6th P.M., Logan County, Colorado.

35.2. Historical Use. The subject 34.0 shares of the ditch are used to irrigate up to approximately 949.3acres, as shown in Table 10.

35.3. Proposed Change. Applicant seeks to change the use of the shares to include augmentation, replacement, exchange and recharge into the structures described in ¶8, as well as the decreed irrigation use, with the right to totally consume the consumable portion of the water, either by first use, successive use, or disposition. Applicant will take delivery of water available to the shares for augmentation at structures along the ditch below the river headgate to provide augmentation water. When augmentation or recharge use of the shares is made, Applicant will replace historic return flows including ditch seepage losses from the use of such surface water rights in the time, location and amount in which they occurred and will prevent expanded use of such surface water rights so that other water rights will not be injured. When water available to the changed shares is being used for recharge no credit shall be allowed for the ditch losses incurred in deliver of the water to the recharge ponds in order to maintain historical ditch losses from the transportation of the shares in the ditch. Applicant or Applicant's members shall provide to the Schneider Ditch Superintendent and the Schneider Ditch Company Secretary written notice on or before April 1 each year of the number of Schneider shares being designated for augmentation use for that Water Year (April 1 through March 31) and of the names of all owners of such designated Schneider shares. Such notice shall indicate by a map or otherwise the location of the lands to be dried up, the total number of acres to be dried up and the volumetric limits for such shares. If such notice is not properly given, water attributable to such shares may not be useable for augmentation during that year.

35.4. Meadow Rights. On May 29, 1897, the Court in Case No. 547 awarded 11 c.f.s. to be diverted into the Schneider Ditch as a Meadow Right with an appropriation date of April 10, 1873. The Meadow Right diverts from April 10 – July 10. There has been no determination of ownership. The court

makes no findings about ownership of the Meadow Rights, and nothing in this decree determines any issue as to ownership of the Meadow Rights. No consumptive use associated with beneficial use of the Meadow Rights shall be used by the owners of the 34.0 shares for the changed uses described above unless and until there is a determination as to ownership of the Meadow Rights. If it is determined that the Meadow Rights are owned by the Schneider Ditch Company, the owners of the 34.0 shares may use the consumptive use associated with the Meadow Rights under the terms herein. Notice to all objectors shall be as required in ¶52.6.4 in the event the consumptive use of the Meadow Rights is proposed to be used. If it is determined that the Meadow Rights are owned by other shareholders, the owners of the 34.0 shares may not use the consumptive use associated with the Meadow Rights under the terms herein.

36. Decreed Name of Structure. South Platte Ditch (79.92 shares).

36.1. Decrees. The South Platte Ditch was decreed to the South Platte Ditch Company in Case No. 304 on November 15, 1894 for 22.5 c.f.s. with an appropriation date of May 1, 1872; Case No. 765 on February 24, 1903 for 7.5 c.f.s. with an appropriation date of February 15, 1876, 20.0 c.f.s. with an appropriation date of April 21, 1883 and 37.5 c.f.s. with an appropriation date of May 1, 1890; and Case No. 605 on September 29, 1902 for 50.0 c.f.s. with an appropriation date of April 1, 1896. The decreed use is irrigation. The point of diversion is in the SW¼ of Section 9, Township 5 North, Range 54 West of the 6th P.M., Washington County, Colorado.

36.2. Historical Use. The subject 79.92 shares of the ditch are used to irrigate up to approximately 1829.2 acres, as shown in Table 10.

36.3. Proposed Change. The subject 79.92 shares that are being changed are identified by owner in Table 10. No other SPDC shares are included in, changed under, or affected in any way by this case or Decree, except such recharge accretions as are available from the 17.38 (97.3 shares – 79.92 shares) additional shares in ¶50.3 and ¶50.5. Specifically, the SPDC shares held by Smart Brothers, Inc. and changed in Case No. W-8686-77 are not included in, changed by or useable for augmentation under this case and Decree. The historical consumptive use of the changed SPDC shares described above has been calculated on a share-specific, farm-by-farm basis and shall not be binding on any other SPDC shares that may be changed in the future. Applicant seeks to change the use of the shares to include augmentation, replacement, exchange and recharge into the

Scott

pm

SOUTH PLATTE RIVER WATER RIGHTS, KERSEY TO STATE LINE

Basin Rank	Priority Date	Type of Right	Max. Div. Rate cfs	Volume af	Structure Name		Admin #
223	4-20-68	Direct	15.00	-	Upper Platte & Beaver		6685
243	5-15-69	"	5.17	-	Upper Platte & Beaver		7075
X 281	4-02-71	"	13.00	-	Deuel & Snyder	(Meadow)	7762
296	10-04-71	"	40.00	-	Bijou		7944
310	5-01-72	"	22.50	-	South Platte Ext.		8157
314	6-01-72	"	15.00	-	Johnson & Edwards	(Meadow)	8188
→ 332	4-10-73	"	11.00	-	Schneider	(Meadow)	8501
334	4-20-73	"	16.32	-	Bijou		8511
351	7-15-73	"	113.547	-	Sterling #1		8597
358	9-17-73	"	14.40	-	Farmers Pawnee		8661
369	4-10-74	"	2.00	-	Davis Brothers	(Meadow)	8866
X 382	7-01-74	"	8.00	-	Deuel & Snyder	(Meadow)	8948
392	11-15-74	"	17.00	-	Tetsel		9085
418	6-01-75	"	21.00	-	Corona/Mackey	(Meadow)	9283
423	7-15-75	"	4.90	-	Davis Brothers		9327
→ 423	7-15-75	"	20.10	-	Schneider		9327
432	1-01-76	"	22.00	-	Illinois (Riverside)		9497
433	2-15-76	"	7.50	-	South Platte Ext.		9542
566	4-01-80	"	10.00	-	Bijou (Putnam)		11049
589	10-20-80	"	5.312	-	Davis Brothers		11251
→ 589	10-20-80	"	17.688	-	Schneider		11251
592	11-30-80	"	12.50	-	Henderson & Smith		11292
629	10-26-81	"	165.00	-	Weldon Valley		11622
647	4-26-82	"	30.00	-	Bijou (Putnam)		11804
715	6-20-82	"	50.00	-	Upper Platte & Beaver		11859
716	6-22-82	"	126.00	-	Farmers Pawnee		11861
720	7-01-82	"	20.00	-	Tetsel		11870
728	9-04-82	"	38.00	-	Lower Platte & Beaver		11935
734	10-14-82	"	39.761	-	Low Line		11975
735	10-18-82	"	323.00	-	Fort Morgan Canal		11979
750	4-21-83	"	20.00	-	South Platte Ext.		12164
762	10-01-83	"	150.00	-	Iliff & Platte Valley		12327
X 823	4-07-84	"	32.00	-	Deuel & Snyder		12516
867	6-07-84	"	43.540	-	Sterling #2 (Transferred to wells)		12577
917	4-10-86	"	48.00	-	Johnson & Edwards (Wells alternate points)		13249
927	7-19-86	"	62.275	-	Springdale		13347
932	11-15-86	"	35.00	-	Corona/Mackey		13468
933	11-29-86	"	16.00	-	Riverside		13482
950	6-18-87	"	20.00	-	A.A. Smith (Taken in Tremont)		13683
975	4-15-88	"	164.00	-	Upper Platte & Beaver		13985
975	4-15-88	"	284.00	-	Lower Platte & Beaver		13985
991	10-01-88	"	450.00	-	Bijou		14154
X 994	11-01-88	"	31.00	-	Deuel & Snyder		14185
995	11-15-88	Storage	-	286	Iliff & Platte Valley (Not in use)		14199