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BRUSH CREEK RIVER SYSTEM: SUMMARY OF 1960 SUMMER ACTIVITIES

By: Dave Rasmussen  
Commissioner

To start with I must admit that I went to the task of Water Commissioner almost completely unprepared for what the job demanded. I had not had the opportunity to attend the annual water users meeting and therefore did not know fully what was expected of me by the users. In addition to this, I had not as yet had the opportunity to discuss and ask many questions of the State Engineer's staff. With these limitations I began a summer of frustrating but rewarding experiences with the water users of Brush Creek.

My first visit came after a call from Boone McKnight on April 16, 1960. He indicated that the sunshine canal was carrying a large portion of Brush Creek's water. Upon investigation I found that this was true but also that a non-accurately determined amount was going on down into Green River. I then learned that the Burns Bench Canal had clogged with weeds and as a result had broken and all water had been turned down the creek in order to make repairs. I also visited Bill Karrer and discussed the coming summer's water problems with him.

On April 17, 1960, I received a call from A. DeMar Dudley, Chairman of the Brush Creek Water Users. He indicated that the Burns Bench Canal had been repaired and would like the water released back to them. The necessary arrangements were made with Joe Murray, Sunshine Canal, to release the water back to the Burns Bench.

On April 18, 1960, I received a call from Joe Murray requesting that the storage of water in Oaks Park Res. be discontinued and the water flowing in be released to users on Brush Creek. Not knowing the background or procedure for this I called Don Norseth, Distribution Engineer, requesting information and help on this matter. He set a meeting in Vernal, Ut., on April 20, 1960, in order that these problems might be ironed out.

Readings of creek flow taken at the U.S.G.S. water station at Jacksons ranch will be omitted in this section of the report since they will be listed on a daily flow report.

On April 23, 1960, I made my first visit to Oaks Park Res. The level on this day was 16 feet below the gage mark of 22 at the bottom of the gage. This was approximately 5 feet in water level since it takes around three feet on a line running parallel to the dams face to make one foot vertically. There was still a lot of snow and water was running in all around the reservoir. It was impossible to even estimate what was running in under these conditions. The release down to Brush Creek read 0.35 on a 4 ft. Parshall. (3.06 cfs) There was no water going down the canal, it was still iced full. I stopped at the confluence of Big Brush Creek and Little Brush Creek on the way home. A 2 ft. Parshall was full and water was pouring both sides. At least 15 cfs was my estimate.

On April 24, 1960, I picked up Joe Murray, last summer's Commissioner, for the purpose of locating the various points of diversion and the measuring devices. On a check at the Confluence we also found that the flow exceeded what the 2 ft. parshall would measure. (15 cfs.)

On May 7, 1960, I attempted to visit Oaks Park Res. Due to a late snow storm, I got only to Kabell Springs and was forced to turn back.

On May 14, 1960, I was successful in getting to Oaks Park Res. after much bucking of snow and mud. The level had come up to 24.25 on the gage. The release was .19 on a 4 ft. Parshall. (1.24 cfs.) The reservoir showed a storage of 7.25 ft. since April 23, 1960. There was still no way of estimating the amount of water coming in at the time because the ground was still covered with snow and water was running in from every low spot around the reservoir.

On May 16, 1960, I visited the Little Brush Creek Sinks area. Approximately 23 cfs. was going down Little Brush Creek around the sinks and another approx. 30 cfs. down the sinks.

On May 25, 1960, I visited Taylor Mt. to investigate reported water running in the Cowboy Ditch. I found a diversion of aprox. 3 cfs. going around the mountain into various stock watering ponds.

On May 25, 1960, I visited Oaks Park Res. The level was 32.5 ft. The release was less than  $\frac{1}{2}$  of a cfs. The inflow was as follows.

West fork tributary	= 3.62 cfs.
Middle fork "	= 10.0 "
East fork "	= 24.6 "
Far East fork "	= <u>4.0 "</u>
Total	42.22 cfs.

On June 18, 1960, I put the creek on a rotation schedule for water turns and distributed rotation schedules to each of the water users. I also visited A. DeMar Dudley and discussed water turns and gave him a copy of the master schedule. We continued on turns the remainder of the irrigation season except when the Oaks Park Res. release came. This will be taken up separately.

Periodic visits and checks were made at all points of diversion and readings taken from the measuring devices. For the most part the users co operated very good in following the schedule. In some instances I found too much water being diverted. This situation was always remedied when the user was contacted.

The problem or question of transferring one parties turn to another user on the creek came up when White Ainge received permission to use Shiner Bros. water when they were not. Also after a flood had washed out diversions, White Ainge wanted the lower users, Ainge, Evans and Murray, to have his turns. I feel that a definite policy concerning this needs to be developed. And also, that if transfer of use is agreed to that it be put down in writing and signed by both parties concerned. This should eliminate the misunderstandings and some trouble that came from this last summer.

Despite a short water year, the distribution of Brush Creek water went quite well. With the exception of one group, especially one man the name of which could be told if deemed necessary, the users, I believe, were quite well satisfied with the way things went. I believe there is room for much improvement in the distribution and that a step in the right direction has been taken. I feel that it is a matter of education on the commissioners as well as the users part to best use the water that is available. I think that each year will bring better and more efficient distribution as we learn more about the stream and factors influencing it. We still have some distance to go in the matter of installing adequate measuring devices and determining absolute rights in some cases.

In my personal observations it seems that there may be some personal feelings intering into the distributions of waters on the Creek. I don't think this is the place to argue or to try to settle differences between two parties when the issue actually has little or nothing to do with water but is of a personal grudge nature.

I think that the Little Brush Creek Rights as well as the Sunshine Canal rights coming from the sinks area and East Park Res. need to be straightened out before another season. This was a spot of constant agitation, both between the Sunshine Canal and the users on the Creek as well as between the individual users on the creek. We should make every effort to determine accurately, the actual amount of flow coming up in the area before the Sunshine turns water in the canyon. This has many stories and sides and I think the only way to settle it is to go in ourselves and make the necessary studies.

Of paramount importance is the Oaks Park Res. issue. We should make every effort to see that a repeat of the last summer does not occur. At our annual meeting we should set up a committee to watch this very closely and thus prevent any misunderstandings or loss of communications as seemed to be the case last summer.

As far as determining the channel losses through evaporation, transpiration and seepage I don't feel I have enough data to make any lasting commitment. I think it will take several seasons to get enough accurate data to form any conclusions as to channel losses. However, as a one summer observation, I will say that the loss seems small. In fact, on some occasions, when I measured the creek flow at Jackson's Ranch on a given day and then proceeded on down the creek, measuring each diversion and then totaling the lot, I found that they totaled more than what was in the creek to start with. This would indicate that the upper and middle users return much of their water to the creek flow soon after it has been taken out for irrigation purposes.

### RECOMMENDATIONS

The problems experienced in the 1960 distribution show a need for much better communications between all parties concerned. With this in mind I would like to make the following recommendations in the hope that better distribution may be accomplished in the coming irrigation season.

1. The division of water should strictly follow the priority of Rights Schedule as set up by the courts and prepared by the State Engineer's Office. (A chart is attached to this report)
2. We should begin a rotation schedule and turns on the Creek as soon as possible after the high water, if we have any. This will accomplish much more efficient use of the water rather than trying to divide up a small stream flow to the several users along the creek.
3. Any transfer of turns or use of turns between users on the Creek should be done so only if the Commissioner is informed ahead of time and an agreement in writing is signed by both parties.
4. A more complete study of the Little Brush Creek flow and the rights of users on the creek should be completed before the Sunshine turns in water from the Sinks area or from East Park Res.
5. Measuring devices of a more suitable nature should be installed in all places where there are none or they are not up to standard.
6. Studies of channel losses should be continued during the 1961 season as well as in succeeding years.

RECOMMENDATIONS

7. An agreement should be reached with the Ashley Valley Res. Co. early in the season concerning the storage and release of water in Oaks Park Res. A committee made up of the Commissioner, representatives from the Brush Creek Water Users and representatives from the Ashley Valley Res. Co. should watch this very closely in order to prevent a repeat of last summer.

8. Users should be careful to watch and see that the Creek and its water does not become a source of argument and dispute for people who actually have little or no real interest in the water at all in so far as it's importance to them and their livelihood.

9. The commissioner's salary and travel allowance should be such that he can afford to put all the time necessary for efficient distribution of the water without suffering a financial loss to himself. The amount of time necessary for a good job on the Commissioner's part is determined to some great extent on the cooperation received from the users in following the recommended rotation schedule or what ever the case may be.

(Note: Travel allowance should be at least \$.10 per mile in order to come out anywhere near close to the cost of operating and maintaining a vehicle over the rough county and forest roads.

## Water Supply of Brush Creek

1949-----1959

Measured at Jackson Bridge (By Tyzack Gage)

<u>Year</u>	<u>May</u> <u>ac. ft.</u>	<u>June</u> <u>ac. ft.</u>	<u>July</u> <u>ac. ft.</u>	<u>Aug</u> <u>ac. ft.</u>	<u>Sept</u> <u>ac. ft.</u>	<u>May to Sept 30</u> <u>Total ac. ft.</u>
1949	12160	9390	2330	1960	1170	27,010
1950	10110	11090	2370	1560	1200	26,330
1951	6070	3530	1550	1100	825	13,075
1952	14120	9400	1990	1650	1050	28,210
1953	3860	5570	1660	1260	825	13,175
1954	5060	1520	1220	895	879	9,574
1955	3610	2427	1320	980	744	9,081
1956	6010	2100	1080	912	710	10,812
1956						
1957	4520	12700	2920	1760	1160	23,060
1958	9900	4980	1430	1000	748	18,058
<u>Average</u>	<u>7542</u>	<u>6270</u>	<u>1787</u>	<u>1307</u>	<u>931</u>	<u>17,838</u>
1959	4700	3360	1150	964	803	10,977
1960	Not yet available in final form.					

Selected by *win 2-25-61*

Brush Creek near Vernal, Utah

for the year ending September 30, 1960

Day	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
1	13	12	9.2	9.5		8.7	13	17	47	16	36	10
2	14	11	9.5	9.5			13	17	69	16	36	11
3	14	12	9.5	9.0	9.5		14	17	72	16	36	9.6
4	14	12	9.6				14	18	71	16	34	9.2
5	13	11					15	16	65	17	15	9.2
6	14	11	9.5				16	16	63	18	13	9.6
7	16	11			9.6		18	16	60	18	13	10
8	16	11			9.6		21	18	63	18	12	11
9	14	11			9.2		27	26	67	16	12	11
10	13	11	9.6	9.5	9.2		38	43	64	15	12	11
11	13	11	9.6		9.2		41	62	61	15	11	11
12	13	11	9.6		9.2		37	88	54	15	11	11
13	13	10	9.6		9.2		21	103	44	16	11	11
14	13	9.5	9.6		9.2		18	99	38	15	11	11
15	12	9.5	9.6	9.6	9.2		21	78	35	15	11	10
16	13	9.6		9.6	9.0		20	64	33	14	11	11
17	13	9.6	9.5		8.7		16	71	33	13	10	12
18	13	9.2	9.2		8.7		16	62	33	13	9.6	11
19	13	9.2	9.5		8.7		18	44	30	13	9.6	11
20	13	9.2	9.5		8.7		15	42	28	13	9.6	10
21	12	8.7	10		8.7		20	43	23	13	9.6	
22	11	8.7	9.6		8.7		34	52	20	12	45	
23	11	8.7	9.6	9.5			33	55	20	11	18	12
24	11	8.7	10				24	43	19	11	16	
25	11	8.7	11				22	39	20	12	13	
26	11	8.7	10		8.7		23	36	18	11	13	
27	11	9.0					22	35	16	11	11	
28	14		9.5				21	33	16	12	11	11
29	13						18	33	16	16	9.6	
30	11						17	33	16	35	9.6	
31	11						13	30	16	36	9.6	
	397 *	2990 *	2978 *	2932 *	2634 *	3111 *	646 *	1,349 *	1,214 *	488 *	489.2 *	322.6 *

MEAN	12.8	9.97	9.61	9.46	9.08	10.0	21.5	43.5	40.5	15.7	15.8	10.8
ACRE-FOOT	787	593	591	582	522	617	1,280	2,680	2,410	968	970	640

## \*\*\*\*\*OAKS PARK RECORDS FOR THE SUMMER of 1960 by Jack McKeachie\*\*\*\*\*

DATE	INFLOW			RELEASES Brush Cr	Ashley Canal	GAGE HEIGHT
	west fk.	center fk.	east fk.			
20 April				4 cfs.		12'
10 May				1 "		20'
31 May				24 cfs.		
1 June				42 cfs.		32' 7"
2				42 "		
3				42 "		
4				42 "		
5				42 "		
6				42 "		
7				42 "		
8				42 "		
9				42 "		
10				42 "		
11				31 "		32' 8"
12				23 "		
13				17.5 cfs.		
14	1.3	11.3	2.73	17.5 "		32' 7"
15				17.5 "		
16	1.24	8.76	2.40	17.5		
17				17.5		
18				13.6		
19	.93	6.8	2.09	13.6		
20				9		
21	.66	5.44	1.97	9		
22				9		
23	.50	4.0	1.57	9		
24				9		
25	.50	3.44	1.44	5		
26				5		
27	.40	2.73	1.24	5		
28				5	17	32' 6 1/2"
29				5	17	
30				5	17	

## OAKS PARK RESERVOIR RECORDS CONT.

DATE	INFLOW			RELEASES		GAGE HEIGHT
	west fr.	center fr.	east fr.	Brush ck.	Ashley Canal	
1 July				5 cfs	18 cfs	
2 "				5 "	18 "	
3				5	22 "	
4				3.5	33 "	
5	.40	1.93	1.24	3.5	33 "	31' 2"
6				3.5	48 "	30' 10"
7					46 "	
8					38 "	29' 11"
9			2.5	2.5	38	
10					"	
11					"	27' 11"
12					34	
13					38	
14		2.10			33	
15					"	26' 11"
16					"	
17					"	
18				2	32	
19					32	
20					26	
21					18	24' 5"
22					22	
23					19	23' 5"
24					16	
25		1 cfs		1 cfs.	18	22' 9"
26					18	
27					20	
28					20	22' 2"
29	Release started at 8:00 A.M.			25	20	
30				25	20	
31				25	24	

## OAKS PARK RESERVOIR RECORDS CONT.

DATE	INFLOW	RELEASES		GAGE HEIGHT
		Brush Creek	Ashley Canal	
1 Aug.	1 cfs	25 cfs	24 cfs	18' 11"
2		25 "	20 "	
3		25 "	20 "	15' 11"
4	Release stopped at *8:00 A.M.	1 "	19	16' 11"
5			19	
6			19	15' 7"
7			19	14' 10"
8			19	14'
9			19	
10			16	
11			16	10'
12			16	
13			16	7' 8"
14			14	
15			13	
16			11	
17			9	3'
18			7	
19			6	
20				







Daily gage height in        and Discharge in Second Feet of WARD MURRAY Ditch  
 at Sunshine Canal for        19      

MARTIN EVANS  
 WARD MURRAY

Month Day	April		May		June		July		August		September	
	ga. ht.	Dis.										
1							.85					
2							.85		1.06			
3												
4									1.06			
5									.00			
6												
7												
8				.37			.80					
9						2.61	.80					
10							.80					
11												
12									.50			
13							.70		.50			
14									.50			
15						1.16			1.40			
16						.64						
17												
18												
19												
20				3.07								
21				.97			1.78					
22												
23									.70			
24		1.40				1.42						
25						1.0						
26				.78		1.0			2.0			
27												
28												
29		1.03										
30												
31												
Total							.85					
Total A.F.							.85					

















Minutes of Annual Meeting  
BRUSH CREEK DISTRIBUTION SYSTEM  
Friday - February 26, 1960

Summary

The ANNUAL MEETING of the WATER USERS of the BRUSH CREEK DISTRIBUTION SYSTEM with the STATE ENGINEER was held at 10:30 a.m. in the County Courthouse at Vernal, Utah. Notice was sent to all users and a copy of that notice is attached to these minutes.

A BUDGET of \$1,150.00 was adopted for the 1960 distribution season, Mr. David Rasmussen of Vernal, Utah was recommended for River Commissioner on Brush Creek, and he was approved by the State Engineer.

INTRODUCTION

Mr. Wayne D. Criddle, State Engineer of Utah, called to order the meeting of the Brush Creek Water Users and explained the purpose of the meeting. He stated that there were still some problems to be worked out with the adjudication of Brush Creek and that a priority schedule was being prepared to meet the rights of the users and the beneficial use of the water supplies.

COMMISSIONER'S REPORT

Mr. Donald C. Norseth, Distribution Engineer, who was the court appointed commissioner on Brush Creek for 1959, was then asked to give his Commissioner's Report for the 1959 distribution season and to explain what might be expected of the new commissioner and the outlook for the overall distribution program for 1960.

Mr. Norseth declared that there was a need for enlargement on the system to cover all rights, all priorities, and water users. He expressed the value of keeping records and the need for reliable measuring devices. He discussed the general distribution problem of Brush Creek and the need for a true picture of the entire system. In commenting on the qualifications for the new commissioner, Mr. Norseth stated that the new commissioner must recognize and understand the need

for an overall distribution program, and must be able to follow the priority schedule in distributing water to fulfill rights and priorities. The group was told that a commissioner is needed who will be able to check the diversions daily, and check the reservoirs once a week. He discussed the water supply for 1959 in relation to demands for water, and the outlook for the 1960 season. Mr. Norseth explained that copies of the Commissioner's Report for the Brush Creek Distribution System for 1959 would soon be available to the water users.

FINANCIAL REPORT

The 1959 Financial Report for the Brush Creek Distribution Engineer System was given by Mr. Frank Reese, Chief Accountant, State Engineer's Office. A detailed accountants receipts and disbursements was given to show how the 1959 Budget of \$650.00 was accounted for.

Mr. Glen Murray moved that the financial report for Brush Creek for 1959 be approved and accepted. The motion was seconded by DeMarr Dudley. Motion carried.

Mr. Archie Allen, president of Ashley Valley Reservoir Company, voted "No", and explained that he would need a copy of the 1959 report for his company before it could be officially accepted.

ARTICLES OF ASSOCIATION

Mr. Criddle reported to the group that many of the river systems are adopting formal organizational governments, and that such an association was desirable both for the water users, and in the interests of the entire river system to be more properly represented at any and all water meetings.

He showed them a general map of the Brush Creek and Pot Creek Distribution Systems, and explained that the map was to show the relationship of the single diversion or the position of a water user group to the entire distribution system,

and to help the Brush Creek Water Users to more fully understand the problems of their system.

Mr. Criddle explained that in anticipation of their need for a formal organization a suggested "Articles of Association" had been prepared by his office for the Brush Creek Distribution System, and that the representation on the Board of Directors was by area interest in the system and it would serve all rights and water users on Brush Creek.

When Mr. Criddle was asked if he would like a motion to be made to adopt the "Articles of Association" now, he said, "No, I think that you should look into this matter of organizing a little further and be sure that your association properly represents your interests."

TEMPORARY CHAIRMAN

Mr. Criddle stated that he thought it would be best if the water users would elect a temporary chairman for 1960 to conduct the further business of the meeting in determining the recommendation of a water commissioner, adopting a budget, and determining how the 1960 assessment is to be made.

Mr. DeMarr Dudley of Jensen, Utah was nominated by Mr. Joe Haslam for the office of chairman. Mr. Ray Nash moved that Mr. Dudley act as temporary chairman for the Brush Creek Distribution System for 1960. Motion carried.

RIVER COMMISSIONER

Mr. Dudley accepted the office of temporary chairman and explained that since there existed a conflict of interests on Brush Creek there was a need for administrators and officers to carry out the functions of the system.

In commenting on the qualifications necessary for river commissioner on Brush Creek, Mr. Dudley said, "We need a man who is strong enough to determine what is right and firm enough to carry out the decisions of the Court and the

State Engineer; to distribute the water fairly; to be strong under pressures from groups. He must be capable of making water measurements, keeping good and accurate records, and making intelligent reports that will be of great value to all of the water users on Brush Creek." Everyone felt that the new commissioner must be a disinterested party.

Mr. Dudley suggested to the group that they might be able to get a commissioner who could handle the Brush Creek and the Pot Creek Distribution Systems jointly, and that this would make a good summer job and pay well enough to get a well qualified man for water commissioner.

Mr. Nash asked if the commissioner would have to file a report showing all rights and flows, and the water delivered during the year. Mr. Criddle stated that this was one of the most important things that is done by a good river commissioner. And he further explained to the group the need for a good record of their system.

Three applications for the office of Brush Creek Water Commissioner were presented to the group and they voted as individual water users. The applicants were (1) Leland G. Rex, Uintah High School Principal, (2) Reed Rich, farmer, and (3) David Rasmussen, Ashley Valley High School teacher. A motion was made by Glenn Murray that the voting be by individual water user, and seconded by Robert Shiner. Motion carried.

David Rasmussen of Vernal, Utah was recommended for appointment of Water Commissioner on Brush Creek. Mr. Criddle said that he was happy to accept the recommendation and that his office would work with the new commissioner to distribute the waters of Brush Creek for 1960.

1960 BUDGET

Chairman Dudley then brought the 1960 budget before the water users. It was explained that more than the \$400.00 budget spent during 1959 would be need-

ed for the 1960 distribution season, but the added supervision of the system would involve more work. Mr. Criddle said that by Court Order a budget was set up in 1959 and it gave the State Engineer the authority to pay in any way so long as the budget was not exceeded. It was further explained by the State Engineer that there would be more assessments in 1960 since all rights on Brush Creek must come under the system.

Mr. Reese stated that the majority of the systems throughout the state handle their assessments on a running 5-year average acre feet delivery basis, so that large fluctuations in assessment costs are eliminated and assessments remain nearly the same from year to year. Mr. Criddle suggested that since the Brush Creek Distribution System was too new to have a five-year average figure that the basis for assessment that the assessment be made on the basis of decreed right for 1960 and that they work toward a running five-year average.

Mr. Nash made a motion made a motion to set up a Brush Creek temporary committee of seven members as set forth in the proposed articles of association to handle the matter of the budget for 1960 and to look into the adoption of formal Articles of Association. The motion was seconded by Glenn Murray, and the motion carried.

Mr. Criddle suggested that the group might want to take a few days to make sure that the representatives do represent the people.

#### DELIQUINETS

Mr. Criddle talked to the group about delinquent assessment, and explained that he had approached the other river systems of the state with this problem.

The worked involved in collecting delinquent accounts is considerable, and there is a need for establishing a penalty formula to be used throughout the state. He explained that an assessment would become delinquent after June 1 or 60 days

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after mailing of the assessment notices from the State Engineer's Office, which ever is later, and that the due date would be clearly indicated on them. He proposed a penalty of 10 per cent, with minimum of \$1.00 on a state-wide basis. The imposed fines would become part of the funds of the river system in which they were collected. The penalty would be levied, not to make money, but to insure prompt payment of assessments and to make the financing of water distribution more efficient.

Mr. Criddle then asked for a motion for assessing on a right basis. The motion was carried.

A question was raised on the amount of supervision which the reservoir companies needed, since they hired gatemen to make their releases from the reservoirs, and perhaps would require only one visit each week. Mr. Criddle stated that there would be one rate for the reservoir companies and another for the water users, but all users of Brush Creek water must be assessed.

There being no further business, the meeting was adjourned by the Chairman.

#### ADOPTED BUDGET 1960

The committee formed to handle the budget later contacted the State Engineer and reported that the Brush Creek Water Users had adopted a budget of \$1,150.00 for the 1960 Distribution year. The breakdown on the budget was left up to the State Engineer. The general assessments were to be as follows:

(1) Brush Creek Water Users (Court Order May 26, 1959)	\$1,000.00
(2) Ashley Valley Reservoir Co. (Oaks Park Reservoir)	100.00
(3) Little Brush Creek Users (Divided according to rights)	<u>50.00</u>

TOTAL ASSESSMENT \$1,150.00  
1960

The general budget has been broken down in the following manner:

Commissioner's Salary .....	\$800.00
Social Security Marching .....	24.00
Travel (Automobile at 8 cents/mile) .....	251.00
Bonds and Insurance Premiums .....	25.00
Commissioner's Report .....	35.00
Miscellaneous Expenses .....	15.00

Total Budget 1960 \$1,150.00

**ATTENDING the meeting of the Brush Creek Distribution System 1960 Annual Meeting**

were:

	Address	Representing
Archie Allen	Vernal	Pres. Ashley Valley Res. Co.
Dee Jenkins	Vernal	Director " " " "
Carl Gardiner	"	Director " " " "
Ray E. Nash	"	Attorney " " " "
Joe Haslam	Jensen	
Wagham Wilkins	"	Brush Creek
L. Glenn Murray	"	Pres. Burton Ditch
Thomas L. Ainge	"	Brush Creek
Marvin Jackson	Vernal	Brush Creek
Robert Shiner	"	" "
Boyd Hatch	"	" "
Howard Ainge	Jensen	" "
Martin A. Evans	"	" "
A. D. Dudley	"	" "
Wayne J. Criddle		Pres. Burns Bench Canal
Donald C. Norseth		State Engineer
Frank Reese		" " Chief Accountant
Clarence E. Erickson, Jr.		" " Distribution Engr.

\*\*\*\*\*

Amendment to the Minutes of the 1960  
Brush Creek Distribution System  
Annual Meeting

Subject: Breakdown of the 1960 Budget.

Total Budget:

\$1,150.00

Commissioner's Salary-----	\$800.00	(\$160.00 per month April Through Aug.)
Social Security Matching-----	24.00	
Travel Expenses-----	251.00	(\$0.08 per mile traveled)
Bonds and Insurance-----	25.00	
Commissioner's Annual Report-----	35.00	
Miscellaneous expenses-----	15.00	

Total Budget 1,150.00

\*\*\*\*\*

The Commissioner will be on call throughout the irrigation season, and for stock watering needs. He has asked that his salary be paid over the five month period from April through August.

Irrigation Schedule for part of Brush Creek, Uintah County 64.5% of (13%)

Name	Hours of right	Date	Begin		End	
			- Time	Date	Date	- Time
Marvin Jackson	17:42	6-19	12:01 p.m.	6-20	5:43 a.m.	
H. Colton	28:54	6-20	5:43 a.m.	6-21	10:37 a.m.	
Burt Hatch	27:39	6-21	10:37 a.m.	6-22	2:16 p.m.	
Wm. Whitbeck	1:39	6-22	2:16 p.m.	6-22	3:55 p.m.	
Shiner Bros.	92:06	6-22	3:55 p.m.	6-26	12:01 p.m.	
<hr/>						
Marvin Jackson		6-26	12:01 p.m.	6-27	5:43 a.m.	
H. Colton		6-27	5:43 a.m.	6-28	10:37 a.m.	
Burt Hatch		6-28	10:37 a.m.	6-29	2:16 p.m.	
Wm. Whitbeck		6-29	2:16 p.m.	6-29	3:55 p.m.	
Shiner Bros.		6-29	3:55 p.m.	7-3	12:01 p.m.	
<hr/>						
Marvin Jackson		7-3	12:01 p.m.	7-4	5:43 a.m.	
H. Colton		7-4	5:43 a.m.	7-5	10:37 a.m.	
Burt Hatch		7-5	10:37 a.m.	7-6	2:16 p.m.	
Wm. Whitbeck		7-6	2:16 p.m.	7-6	3:55 p.m.	
Shiner Bros.		7-6	3:55 p.m.	7-10	12:01 p.m.	

Continues to Rotate on this Schedule until further Notice:

NOTE: ( This schedule is temporary and is subject to change in a week or so, )

Irrigation Schedule for part of Brush Creek, Uintah County 35.5% of (73% of Creek)

Name	Hours of Right	Irrigation Turns			
		Begin		End	
		Date	Time	Date	Time
Richard Dejournet	22:30	6-19	12:01 P.M.	6-20	10:31 a.m.
Howard Ainge	67:00	6-20	10:31 a.m.	6-23	5:31 a.m.
Sam Sessions	20:21	6:23	5:31 a.m.	6-24	1:52 a.m.
Murrays	17:27	6:24	1:52 a.m.	6-24	7:19 p.m.
Leon Ainge	20:21	6:24	7:19 p.m.	6-25	3:40 p.m.
Martin Evans	20:21	6:25	3:40 p.m.	6-26	12:01 a.m.

Richard Dejournet		6-26	12:01 P.M.	6-27	10:31 a.m.
Howard Ainge		6-27	10:31 a.m.	6-30	5:31 a.m.
Sam Sessions		6-30	5:31 a.m.	7-1	1:52 a.m.
Murrays		7-1	1:52 a.m.	7-1	7:19 p.m.
Leon Ainge		7-1	7:19 p.m.	7-2	3:40 p.m.
Martin Evans		7-2	3:40 p.m.	7-3	12:01 p.m.

Richard Dejournet		7-3	12:01 p.m.	7-4	10:31 a.m.
Howard Ainge		7-4	10:31 a.m.	7-7	5:31 a.m.
Sam Sessions		7-7	5:31 a.m.	7-8	1:52 a.m.
Murrays		7-8	1:52 a.m.	7-8	7:19 p.m.
Leon Ainge		7-8	7:19 p.m.	7-9	3:40 p.m.
Martin Evans		7-9	3:40 p.m.	7-10	12:01 p.m.

Continue to rotate on this schedule until further notice:  
 NOTE: ( This schedule is temporary and is subject to change with notice.)

1960 Irrigation schedule

Austin Jackson

Time 17 hr 42 min.

Turn begins	Turn ends
8-7 12:01 p.m.	8-9 5:43 a.m.
8-14 "	8-15 "
8-21 "	8-22 "
8-28 "	8-29 "
9-4 "	9-5 "
9-11 "	9-12 "
9-18 "	9-19 "
9-25 "	9-26 "

Irrigation schedule 1960 Lake Arrow

Hugh Golden

Time 28 hr 54 min.

Turn begins	Turn ends
8-8 5:43 a.m.	8-9 10:37 a.m.
8-15 "	8-16 "
8-22 "	8-23 "
8-29 "	8-30 "
9-5 "	9-6 "
9-12 "	9-13 "
9-19 "	9-20 "
9-26 "	9-27 "

1960 Irrigation schedule

Earl Hatch

Time 27 hr 39 min.

Turn begins	Turn ends
8-9 10:37 a.m.	8-10 2:16 p.m.
8-16 "	8-17 "
8-23 "	8-24 "
8-30 "	8-31 "
9-6 "	9-7 "
9-13 "	9-14 "
9-20 "	9-21 "
9-27 "	9-28 "

1960 Irrigation schedule

Wm. Whitbeck

Time 1 hr 29 min.

Turn begins	Turn ends
8-10 2:16 p.m.	8-10 3:55 p.m.
8-17 "	8-17 "
8-24 "	8-24 "
8-31 "	8-31 "
9-7 "	9-7 "
9-14 "	9-14 "
9-21 "	9-21 "
9-28 "	9-28 "

1960 Irrigation schedule

Shiner Bras

Time 92 hr 06 min.

Turn begins	Turn ends
8-10 3:55 p.m.	8-14 12:01 p.m.
8-17 "	8-21 "
8-24 "	8-28 "
8-31 "	9-4 "
9-7 "	9-11 "
9-14 "	9-18 "
9-21 "	9-25 "
9-28 "	10-2 "

1960 Irrigation schedule late summer

Richard DeJournat

Time 22 hr 30 min

Turn begins	Turn ends
8-7 12:01 p.m.	8-8 10:31 a.m.
8-14 "	8-15 "
8-21 "	8-22 "
8-28 "	8-29 "
9-4 "	9-5 "
9-11 "	9-12 "
9-18 "	9-19 "
9-25 "	9-26 "

1960 Irrigation schedule late summer

Maragys

Time 17 hr 27 min

Turn begins	Turn ends
8-12 1:52 a.m.	8-12 7:19 p.m.
8-19 "	8-19 "
8-26 "	8-26 "
9-2 "	9-2 "
9-9 "	9-9 "
9-16 "	9-16 "
9-23 "	9-23 "
9-30 "	9-30 "

1960 Irrigation schedule late summer

Manuel Alegre

Time 67 hr 0 min

Turn begins	Turn ends
8-8 10:31 a.m.	8-11 5:31 a.m.
8-15 "	8-18 "
8-22 "	8-25 "
8-29 "	9-1 "
9-5 "	9-8 "
9-12 "	9-15 "
9-19 "	9-22 "
9-26 "	9-29 "

1960 Irrigation schedule late summer

Leon Alegre

Time 20 hr 21 min

Turn begins	Turn ends
8-12 7:19 p.m.	8-13 3:40 p.m.
8-19 "	8-20 "
8-26 "	8-27 "
9-2 "	9-3 "
9-9 "	9-10 "
9-16 "	9-17 "
9-23 "	9-24 "
9-30 "	10-1 "

1960 Irrigation schedule late summer

San Sordano

Time 20 hr 21 min

Turn begins	Turn ends
8-11 5:31 a.m.	8-12 1:52 a.m.
8-18 "	8-19 "
8-25 "	8-26 "
9-1 "	9-2 "
9-8 "	9-9 "
9-15 "	9-16 "
9-22 "	9-23 "
9-29 "	9-30 "

1960 Irrigation schedule late summer

Martin Evans

Time 20 hr 21 min

Turn begins	Turn ends
8-13 3:40 p.m.	8-14 12:01 p.m.
8-20 "	8-21 "
8-27 "	8-28 "
9-3 "	9-4 "
9-10 "	9-11 "
9-17 "	9-18 "
9-24 "	9-25 "
10-1 "	10-2 "

1960 Irrigation schedule

Middle Brush Creek

Maurin Jackson

Time: 17:42

Turn begins ends

6-19	12:01 p.m.	6-20	5:43 a.m.
6-26	"	6-27	"
7-3	"	7-4	"
7-10	"	7-11	"
7-17	"	7-18	"
7-24	"	7-25	"
7-31	"	8-1	"

NOTE: This is temporary and is subject to change with notice.

1960 Irrigation schedule

Middle Brush Creek

H. Colton

Time: 28 Hr. 54 Min.

Turn begins Turn ends

6-20	5:43 am	6-21	10:37 a.m.
6-27	"	6-28	"
7-4	"	7-5	"
7-11	"	7-12	"
7-18	"	7-19	"
7-25	"	7-26	"
8-1	"	8-2	"

NOTE: This is temporary and is subject to change with notice.

1960 Irrigation schedule

Middle Brush Creek

Bunt Hatch

Time 27 hr. 39 min.

Turn begins Turn ends

6:21	10:37 a.m.	6-22	2:16 p.m.
6-28	"	6-29	"
7-5	"	7-6	"
7-12	"	7-13	"
7-19	"	7-20	"
7-26	"	7-27	"
8-2	"	8-3	"

NOTE: This is temporary and is subject to change with notice.

1960 Irrigation schedule

Middle Brush Creek

Uln. Whitbeck

Time: 1 hr. 39 min.

Turn begins Turn ends

6-22	2:16 pm	6-22	3:55 p.m.
6-29	"	6-29	"
7-6	"	7-6	"
7-13	"	7-13	"
7-20	"	7-20	"
7-27	"	7-27	"
8-3	"	8-3	"

Note: This is temporary and is subject to change with notice.

1960 Irrigation schedule--Middle Brush Creek

Shiner Bros--Time 92 hr. 06 min.

Turn Begins Turn ends

6:22	3:55 p.m.	6-26	12:01 p.m.
6-29	"	7-3	"
7-6	"	7-10	"
7-13	"	7-17	"
7-20	"	7-24	"
7-27	"	7-31	"
8-3	"	8-7	"

NOTE: This is temporary and is subject to change with notice.

## 1960 Irrigation schedule

Middle Brush Creek

Richard Dejournet

Time—22 hr. 30 min.

Turn begins		Turn Ends	
6-19	12:01 p.m.	6-20	10:31 a.m.
6-26	"	6-27	"
7-3	"	7-4	"
7-10	"	7-11	"
7-17	"	7-18	"
7-24	"	7-25	"
7-31	"	8-1	"

## 1960 Irrigation schedule

Middle Brush Creek

Howard Alnge

Time—67 hours 0 min.

Turn begins		Turn ends	
6-20	10:31 a.m.	6-23	5:31 a.m.
6-27	"	6-30	"
7-4	"	7-7	"
7-11	"	7-14	"
7-18	"	7-21	"
7-25	"	7-28	"
8-1	"	8-4	"

## 1960 Irrigation schedule

Middle Brush Creek

Sam Sessions

Time—20 hr. 21 min.

Turn begins		Turn ends	
6-23	5:31 a.m.	6-24	1:52 a.m.
6-30	"	7-1	"
7-7	"	7-8	"
7-14	"	7-15	"
7-21	"	7-22	"
7-28	"	7-29	"
8-4	"	8-5	"

## 1960h Irrigation schedule

Middle Brush Creek

Murrays

Time—17 hr. 27 min.

Turn begins		turn ends	
6-24	1:52 a.m.	6-24	7:19 p.m.
7-1	"	7-1	"
7-8	"	7-8	"
7-15	"	7-15	"
7-22	"	7-22	"
7-29	"	7-29	"
8-5	"	8-5	"

## 1960 Irrigation schedule

Middle Brush Creek

Leon Alnge

Time—20 hr. 21 min.

Turn Begins		Turn ends	
6-24	7:19 p.m.	6-25	3:40 p.m.
7-1	"	7-2	"
7-8	"	7-9	"
7-15	"	7-16	"
7-22	"	7-23	"
7-29	"	7-30	"
8-5	"	8-6	"

## 1960 Irrigation schedule

Middle Brush Creek

Martin Evans

Time 20 hr. 21 min.

Turn begins		turn ends	
6-25	3:40 p.m.	6-26	12:01 p.m.
7-2	"	7-3	"
7-9	"	7-10	"
7-16	"	7-17	"
7-23	"	7-24	"
7-30	"	8-1	"
8-6	"	8-7	"

BRUSH CREEK  
Appropriations (Active & Pending)  
Taken from 1960 Priority Schedule

NAME	Priority			Date
	1890	1896	1910	
Marvin & Aretta Jackson	.56	1.23		
Hugh W. Colton	.90	.64		*31
Wm. E. Witbeck	.21			.02
Samuel Hatch	.81	1.23		.57
<del>Shiner B.C.</del>	2.88			
Neldon Shiner		.08		
Howard & Vera Ainge	.80	1.33		
Samuel Sessions & Ruby Kurtz	.70	.51		
Sunshine Canal Thos. L. & Estella E. Ainge, Martin Evans	.70	1.02		
Sunshine Canal Ward & Verna Murray, Josephine Stewart, Arthur Murray	.30	.93		
Burns Bench Vaughn & Velma Wilkins	.22	.75		
Burton Ditch	13.69			
Murray Ditch	9.34			
Burns Bench	31.12			
Mary E. Ratliff (spring)	*1.0			16
" " (unam. trib to B.C.)	.10			
Reed & Arlene Taylor (LB)	*1.36			Priority
" " (spring area)	*.10			Mo-Dy-Yr.
" " (springs)	*.30			11-14-16
Woodey Searle (LB)	*1.15			10-16-18
Wilford & Laura E. Evans (LB)	*1.20			2-10-21
" " (Red Wash)	*.75			11-20-26
Sunshine Canal (BC) A-15, Jy-1			15.67	3-1-35
" (Salvage)(LB) A-15, O-15			*27.00	10-15-36
" (East Park)(LB) Jy-1, N-1			*25.00	4-23-46
Ashley Valley Res. Co. J-1, O-30	4500 Ac. Ft.			9-4-46
" " (Storage) M-1, D-1	3000 Ac. Ft.			12-4-46
Sunshine Canal N. J. Meagher, Sr. M-1, D-15	20.0 cfs.			10-10-48
Bureau of Reclamation Tyzack Res. A-1, O-1	40.0 cfs or 10,000 Ac Ft			1-11-54
Central Utah Project Brush Creek	500 cfs or 35,000 Ac. Ft.			4-21-56
Little Brush Creek *	500 cfs or 35,000 Ac. Ft.			1-17-58
Humphreys Phosphate Co. J-1, D-31	0.50 cfs (spring)			11-10-59
" " (underground) ", "	13.0 cfs (well)			
" " (storage) ", "	5.0 cfs or 2732.32 Ac. Ft.			
Utah Fish and Game J-1, D-31	13.0 cfs (fish culture)			
Katherine Ivers (LB abv Sinks) A-15, O-15	*5.0 cfs			

- - "PENDING" - - -

\* Appropriations from Little Brush Creek.

These appropriations were taken from the Priority Schedule (1960), and all rights are in cfs except where they have been indicated to be in acre feet.

In the later priorities, in the Day-Month-Year column, 11-14-16 would refer to a priority dated Nov. 14, 1916. The period of use is indicated by such codes as A-15, O-15, which would refer to a period of use from April 15 to October 15.



THE STATE OF UTAH  
OFFICE OF STATE ENGINEER  
SALT LAKE CITY

36-37-38-39-40

WAYNE D. CRIDDLE  
STATE ENGINEER

February 13, 1964

Mr. DeMarr Dudley, Chairman  
Brush Creek Distribution System  
Jensen, Utah

Dear Mr. Dudley:

RE: BRUSH CREEK DISTRIBUTION SYSTEM

Submitted herewith is the Financial Statement covering the operation of your River Distribution System for the period of January 1, 1960 through December 31, 1960, inclusive.

Very truly yours,

Original Signed by  
WAYNE D. CRIDDLE

Wayne D. Criddle  
STATE ENGINEER

FR/eca

Enclosure: One copy of Financial Statement

Additional copies of the Financial Statement  
were mailed separately to the following  
Committee Members:

Seven copies Financial Statement

THE STATE OF UTAH  
OFFICE OF STATE ENGINEER  
SALT LAKE CITY

WAYNE D. CRIDDLE  
State Engineer

BRUSH CREEK  
RIVER DISTRIBUTION SYSTEM

STATEMENT OF RECEIPTS AND EXPENDITURES COVERING THE PERIOD OF

JANUARY 1, 1960 THROUGH DECEMBER 31, 1960

STATE ENGINEER CHECKBOOK BALANCE DECEMBER 31, 1959 \$ 63.78

Total receipts\*\* \$1,142.76

Total expenditures \$1,106.44

STATE ENGINEER CHECKBOOK BALANCE DECEMBER 31, 1960 \$ 100.10

Bills payable \$ 35.00

NET CASH ON HAND \$ 65.10

\* NOTE: Regular assessments \$1,140.76  
Special collections  
for late payments \$ 2.00  
Total receipts: \$1,142.76

Prepared by: Frank Reese

Frank Reese  
Business Manager

Original Signed by  
WAYNE D. CRIDDLE

APPROVED: \_\_\_\_\_

Wayne D. Criddle  
STATE ENGINEER

\* Note: Delinquency is \$21.18 against the 1960 assessment.

STATE OF UTAH

OFFICE OF STATE ENGINEER

BRIER CREEK  
RIVER DISTRIBUTION SYSTEM

1960 Budget Item no.	Description of Item	Amount approved for 1960	1960 Budget	DETAIL OF EXPENDITURES:		Bills payable 1961
				1959 Budget	Total expenditures	
1.	Commissioner's Salary	\$800.00	\$800.00	\$ 32.78	\$832.78	-0-
2.	Matching Social Security	24.00	24.00	8.60	32.60	-0-
3.	Travel @ 8¢ per mile	251.00	222.96	-0-	222.96	-0-
4.	Bonds & Insurance Premiums	25.00	3.87	-0-	3.87	-0-
5.	Annual Reprt (1960)	35.00	-0-	-0-	-0-	35.00
6.	Miscellaneous Expense	15.00	14.23	-0-	14.23	-0-
TOTAL		\$1,150.00	\$1,065.06	\$41.38	\$1,106.44	\$35.00

STATE OF UTAH

OFFICE OF STATE ENGINEER

BROOKS CREEK  
RIVER DISTRIBUTION SYSTEM

1960 Budget Item no.	Description of Item	Amount approved for 1960	DETAIL OF EXPENDITURES:		Total expenditures	Bills payable 1961
			1960 Budget	1959 Budget		
1.	Commissioner's Salary		726.80	-0-	726.80	-0-
	Net Salary		46.00	22.60	68.60	-0-
	Federal Tax		24.00	8.60	32.60	-0-
	Social Security Tax		3.20	1.58	4.78	-0-
	Utah State Tax					
	Gross Salary	(\$800.00)	(\$800.00)	(\$32.78)	(\$832.78)	(-0-)

STATE OF UTAH  
OFFICE OF STATE ENGINEER

1960 DELINQUENT ACCOUNTS

BRUSH CREEK  
RIVER DISTRIBUTION SYSTEM

<u>Name and Address</u>	<u>Account No.</u>	<u>19</u> <u>Assessment</u>	<u>Previous</u> <u>Delinquency</u>	<u>TOTAL DUE</u>
Bart Hatch	No. 5-C			\$21.18

Aug. 6, 1960  
Vernal, Utah

Mr. Donald Norseth  
Distribution Engineer  
State Engineer's Office  
State Capitol  
Salt Lake City, Utah

Dear Don,

This should serve as a preliminary report for the month of July as well as give a run down on the 300 acre ft. extra water release from Oaks Park Res. I think Bob Guy has this same information but for the records I will give what I have done and what appears to have happened.

1- On July 28, 1960, Robert Guy, Tom Freestone and myself went to Oaks Park Res. with the intentions of beginning the release that had been agreed to by all parties concerned. When we got there, Jack McKeachnie would not release this water without first receiving orders from one of the directors or Leon Christiansen. Mr. McKeachnie went about trying to get these orders with no success. Finally Bob Guy left in order to go to Matt Warner Res. for a check up and T. Freestone and myself spent the night at Oaks Park in an effort to get the release started as soon as possible. The next morning, July 29, McKeachnie got the orders that had been delayed to turn out the water. At 8:00 A.M. the gate was set to release 25 cfs. It was decided that this would be a reasonable release for six days to get the 300 acre ft. out without wasting it.

2- On July 31, the U.S.G.S. measuring station showed an increase of around double. For the past 3 weeks the creek has been flowing around 45 cfs. On this day it measured 32.6 cfs. This same raise was noted on the creek by Martin Evans at his ranch the next morning.

3- Using the 32.6 cfs as a basis for the division of the extra water I tried to divide it according to percentage of the creek coming to each user. Since a little more raise was anticipated I figured that the Sunshine ranch should have around 50 to 60 acre ft. I allotted the Sunshine ranches 5 cfs for a period of 6 days. This would be 60 acre ft. Joe Murray was notified of this and the 5 cfs was added to what he had coming in from Little Brush Creek (an average of 10 cfs). 1 cfs was turned in to the Sunshine Canal for use by Ainge, Evans, and Murray as their part of the extra water. It was my feeling that a certain amount of water would be given to each of the upper creek users and Sunshine canal, and the rest would go to the 3 canals at the end of the creek to be divided by the automatic dividers.

4- The water was divided to the users in the following proportions:

- Arcelia Jackson—30 cfs for 6 days—3.6 acre ft.
- High Golden—45 cfs for 6 days—5.4 acre ft.
- Beck Ditch—50 cfs for 6 days—6.0 acre ft.
- Shiner Bros.—1.50 cfs for 6 days—18.0 acre ft.
- Howard Alinga—60 cfs for 6 days—7.2 acre ft.
- San Sossioni—20 cfs for 6 days—2.4 acre ft.
- Sunshine canal—5.00 cfs for 6 days—60.0 acre ft.
- Alinga Evans

- Murray—50 cfs for 6 days—6.0 acre ft.
- Burns Bench—16.0 cfs for 6 days—192.0 acre ft.
- V. Wilkins—12 cfs for 6 days—1.44 acre ft.
- Benton Ditch—7.0 cfs for 6 days—84.0 acre ft.
- Murray Ditch—5.0 cfs for 6 days—60.0 acre ft.
- Channel Loss of Oaks Park water—74.0 acre ft.
- Total—480.0 acre ft.

= 300 acre ft. Oaks Park + 180 acre ft. normal flow of Bush creek

The Middle Crocheters were taken off turn during the 6 day period.

5- On Aug. 2, Robert Guy and myself visited the creeks diversions and found the following.

- Confluence of Little Bush and Big Bush—.89 on staff = 10.0 cfs
- Sunshine canal, 1.0 on staff = 16.0 cfs
- Evans, Alinga and Murray, .50 on staff = 1.06 cfs. ( this is out of sunshine canal)
- Burns Bench Divider, .58 on staff = 13.3 cfs

6- At approx 6:00 A.M. Aug 3, Delta Dudley called and wanted to know how the water was being divided. I had attempted to get ahold of him previously but was able to contact Bobt Bowman only. He reported that he was no longer working as ditch rider for Burns Bench Canal. I attempted to explain to Delta what I have outlined in the previous paragraphs. I could not get through to him. He was sure that the ex or water from Oaks Park was all over and they had not got their share. I tried to explain to him that part of the water was still in Oaks park and had not been released. The phone call was very unsatisfactory as far as getting anything done constructive. It appears that he wanted to complain and was not too interested in actually finding out was was going on.

7- On Aug. 5, I found that the creek had dropped to 10 cfs. Since the Oaks Park release had been shut off on Aug. 4 at 8:00 A.M. I was surprised that the drain down was over so fast. I immediately went down the creek and shut down all the users, cutting their original allotments by 1 and 2 days, with the exception of Burns Bench, Murray Ditch and Benton Ditch. This was done in an effort to see that the lower users got their share since the water was not holding up as expected. Doing this increased the flow by 9.75 cfs for the lower users and should equal out.

The breakdown given on the 2nd page may or may not be accurate. As soon as I can get the daily flows from the U.S.G.S. records this will be more accurate. I will hold up my full report until I can obtain this information. I have contacted their office and they will have it out in a few days. I feel that this information will be very important in determining actual channel losses at least for the 300 acre ft since we will also have the average flows previous to the release and after the release. This information may also quite Donna Dudley since it is my feeling that Burns Bench has been getting their fair share of the water that has come down Big Bush creek. Bob Guy has obtained the Burns Bench flow records from Dudley.

I hope this report will give you the necessary details on this matter. At best it has been difficult to handle from the first. With the exception of Dudley I think the users of Brush Creek have been very happy with the water and I have had no other complaints. Let hope for a more controlled handling of this Oak Park for future years and an avoidance of this unnecessary unpleasantness. I think if we follow through with what was decided in the meeting we had with the directors this problem will be eliminated.

I will submit my breakdown of time on Pot Creek Distribution with my monthly report.

Sincerely, *David Rasmussen*

David Rasmussen

Brush Creek-Pot Creek Commissioner

MEMORANDUM FOR THE FILES, FOR OFFICE USE ONLY

FROM: Donald C. Norseth, Distribution Engineer

DATE: August 2, 1960

Meetings were held with the Ashley Valley Reservoir Company, Dallas Dudley, Chairman of the Brush Creek Water Users' Group, and H. J. Meagher, representing Sunshine Ranches.

The subject of the meetings was the inadvertent catching of water in Oaks Park Reservoir during April and May in excess of their storage right.

A. Ashley Valley Reservoir Company Meeting:

There was considerable tension over the proposed release, but after a lengthy discussion by the Board of Directors, it was voted three to one, to abide by the decision of the State Engineer's Office and to release the water in accordance with the Commissioner's request. It was explained to the group, that there was no accurate way to determine the amount of water to the acre-foot; but, that a relationship had been worked out on the past year's record which showed a total of 343 acre-feet of water had been caught in excess of their right in the early runoff. The State Engineer's Office arrived at a figure of 300 acre-feet of water to be released to prior rights after taking into consideration the following:

1. The value of the water in August, as against early Sept.
2. The inadvertance of the storage and difficult position the Reservoir Company would be in to change their acre-foot, stock relationship.

3. Evaporation, seepage, and return flow of the Ashley Valley Canal. -

4. Ashley Valley Reservoir storage had decreased .2 of a foot during the June releases.

B. It was explained to DeHarr Dudley, as Water Users' Representative, that there were only a few days when all rights were satisfied, and that the only equitable way this water could be divided was on a basis of right percentage. He stated that he felt that this would be fair and equitable and that this would be the best way to proceed and he would go along with the acre-foot division.

C. A meeting was held with H. J. Meagher, at the Vernal Bank, where a discussion of Brush Creek Distribution was held, along with the figure of 300 acre-feet was to be released to Oaks Park Reservoir and that Sunshine Ranches will be given their share according to their right.

Mr. Meagher then asked if his share would be about 50 acre-feet, and was told that it would be somewhere in that neighborhood, minus channel losses. Mr. Meagher then stated that he would abide by our decision.

D. Mr. Joseph Murray, Water Master for Sunshine Canals, was called on the telephone and informed that 300 acre-feet of water would be released and he would receive a share in his canals, according to regular percentage. He stated that this sounded good and that he would go along.

B. Mr. William Karren was contacted for Murray Ditches and he stated that he would go along with the State Engineer's release and that he felt that it was fair and equitable.

The Water Commissioner and Mr. Robert Guy, was then requested to contact Mr. John McKeachnie, Gateman for Ashley Valley Reservoir Company and to start the release from Oaks Park, Reservoir.

The release was to be made as fast as possible and the Tynack Gage Build-up used to divide the water to prior rights. A close record of the rights and the available water downstream, was to be kept to facilitate channel loss studies.