



COLLEGE of SOUTHERN UTAH

BRANCH of UTAH STATE UNIVERSITY

CEDAR CITY, UTAH

February 29, 1960

ROYDEN C. BRAITHWAITE
Director, College of Southern Utah
CEDAR CITY, UTAH

DARYL CHASE
President
LOGAN, UTAH

State Engineer's Office
State Capitol Building
Salt Lake City, Utah

Dear Sir:

Enclosed is a table of water deliveries from Coal Creek for the years 1955 to 1959.

The totals are about 80% of the totals the U.S.G.S. give for the corresponding years except for the year 1958. The totals for 1958 taken from Mr. Clemont Adam's report run about 123% of the U.S.G.S. figure.

His estimates of the flow to the Coal Creek Irrigation Company seem real high to me. I have measured the creek a few times at peak flow with a current metec and have never found more than 470 c.f.s. even in 1952.

If Coal Creek Irrigation delivers for 1958 was cut to 12,000 it would be about 80% of the U.S.G.S total and correspond with other years. It would also make the assesment more nearly what it has been in the past as shown below.

Irrigation Co.	Assesment Under 5 Years	Past assesments
1 South and West Field	228.69	211.05
2 Cedar City Corp.	76.00	55.80
3 North Field	224.40	207.00
4 Union Field	134.70	171.00
5 Old Fort and Old Field	58.40	57.70
6 Bulldog Ditch	44.75	57.60
7 Hunter Ditch	6.40	12.00
8 Coal Creek Irrigation Company	216.75	225.00
9 California Pacific Utilities	360.00	360.00
TOTAL	1350.00	1357.05

When the Southern Utah Power Company, now the California Pacific Utilities Company, began using the water to cool their condensers they agreed to pay 30% of the cost of the commission^{er} but not to exceed \$360.00. This was ^{to} pay the commissioners to see that their use was nonconsumptiv

Yours truly,

Theron Ashcroft

Theron Ashcroft
Chairman Division Engineering and Mathematics

TA/mb



Mr. Clemont Adams personally advised the State Engineer's Office that he believed his report was correct, therefore, his data is used for 1958 (70)

*W.D.C.
J.R.
D.C.H.*

WATER DELIVERIES FROM COAL CREEK IN ACRE FEET FOR THE YEARS 1955-1959



Irrigation Company	1955	1956	1957	1958	1959
1. South and West Field	5193	3506	4438	4057	3106
2. Cedar City Corporation	1023	1124	1422	1364	1151
3. North Field	2391	3155	4660	5600	2157
4. Union Field	1342	2060	2822	3444	1100
5. Old Fort and Old Field	698	705	1187	1425	361
6. Bulldog Ditch	288	508	1251	1414	128
7. Hunter Ditch	156	166	89	66	57
8. Coal Creek	402	726	4120	24450?	106
Total	9473	11950	19989	41820	8436
U.S.G.S. Totals	13,590	14,600	23,152	34,070	8000 Est.

24450? →
 41820
 Total = 91,648.00
~~18,334.60~~

OK per record of Mr. Coleman

(R)