

Cefalo, James

From: Cefalo, James
Sent: Thursday, April 27, 2023 5:22 PM
To: Greg Sullivan
Cc: Rob Harris; tthompson@marten.com; John K. Simpson; Kent Fletcher
Subject: Applications for Transfer 87498 and 87507 (Farmland Reserve)

Greg,

We are scheduled to conduct an informal settlement conference for these protested applications next week. As I was preparing for the conference, I noticed that Application 87498 has a discrepancy in the ESPA Transfer Tool analysis. The print-out of the data entry page identifies model cell R84,C83 as the TO cell, even though the map included with the application shows the proposed point of diversion in model cell R84,C94. Application 87507 has a similar discrepancy in the TO cell. The protests raised a concern about errors in the model analysis. If these are actual errors in the data entry, would you prepare and distribute revised analyses prior to the meeting? It may save us a follow-up settlement conference.

James



IDAHO DEPARTMENT OF
WATER RESOURCES

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One-Way Analysis of Independent Transfers

WR No.	Div. Rate (CFS)	Con. Vol. (AFA)	No. of Irr. Acres	Priority Date	POD Location	Dedicated Vol. AFA/ AFT		Model Node
Transfer 1: Proposed Steady State Impacts following Transfer								
???	???	275.6	68.9	1/1/1960	8S26E-3	275.6	91.9	SP082075
???	???	275.6	68.9	1/1/1960	8S26E-3	275.6	91.9	SP068066
Transfer 1: Worst Case Transient State Impacts following Transfer								
???	???	275.6	68.9	1/1/1960	8S26E-3	275.6	91.9	SP082075
???	???	275.6	68.9	1/1/1960	8S26E-3	275.6	91.9	SP068066

Impact by Reach (AF/Trimester)										
Ashton to Rexburg	Heise to Shelley	Shelley to Nr Bickft	Nr Bickft To Neeley	Neeley to Minidoka	Dev. Wbl. To Buhl	Buhl to Kspr	Kspr	Kspr to Malad	Malad	Malad to Bancroft
0.12	0.20	1.06	3.43	0.05	0.05	0.04	0.02	0.02	0.02	0.00
0.08	0.13	0.72	3.29	0.17	0.20	0.16	0.07	0.07	0.08	0.01
0.12	0.20	1.06	3.43	0.05	0.05	0.04	0.02	0.02	0.02	0.00
0.12	0.20	1.06	3.43	0.17	0.20	0.16	0.07	0.07	0.08	0.01

Steady State Analysis	Mitigation Check 1 - >10% of Historical:	-31.9%	-34.1%	-32.3%	-4.1%	267.3%	306.4%	306.4%	306.3%	306.2%	306.1%	305.7%
	Mitigation Check 2: > 2 AF/T:	0.0	-0.1	-0.3	-0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Mitigation Check 3 - >10% of Total:	1.6%	2.7%	14.4%	66.1%	3.5%	4.0%	3.2%	1.5%	1.4%	1.6%	0.2%
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	-0.1	-0.3	-0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Transient State Analysis	Mitigation Check 1 - >10% of Historical:	-0.7%	-0.3%	-0.1%	-0.1%	267.3%	306.4%	306.4%	306.3%	306.2%	306.1%	305.7%
	Mitigation Check 2: > 2.01 AF/T:	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
	Mitigation Required?:	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	Mitigation Vol. Req'd (ac-ft):	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0

Read Me

ENHANCED GROUND-W

UNIVERSITY OF IDAHO - IDAHO WATER RESOURCES RESEA

Cells this color are
set up for user entries

ENTER STARTING DATE FOR
SIMULATION. THEN PUSH
"UPDATE DATES" BUTTON

TRANSFER NO:

87498

YEAR

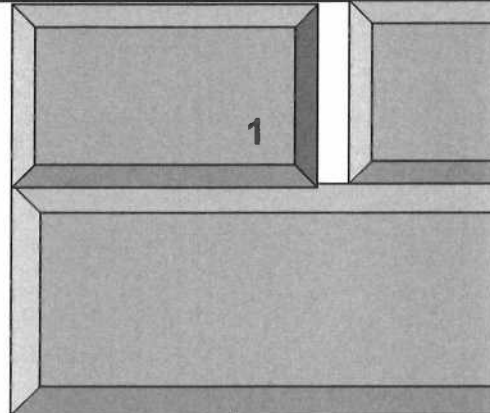
1954

TRANSFER NAME:

SEASON

WINTER

Review



ENTER CELL LOCATIONS:

	'TO' CELL	'FROM1' CELL	'FROM2' CELL	'FROM3' CELL
ROW	84	70	0	0
COLUMN	94	130	0	0

TRIMESTER OF ACTIVITY	TO WELL	FROM1 WELL		FROM2 W
	Projected Use AF/TRIMESTER	With Transfer AF/TRIMESTER	Without Transfer AF/TRIMESTER	With Transfer AF/TRIMESTER
WIN 1954	0.00	5.00	5.00	0.00
SPR 1955	0.00	5.00	5.00	0.00
SUM 1955	0.00	5.00	5.00	0.00
WIN 1955	0.00	5.00	5.00	0.00
SPR 1956	0.00	5.00	5.00	0.00
SUM 1956	0.00	5.00	5.00	0.00
WIN 1956	0.00	5.00	5.00	0.00
SPR 1957	0.00	5.00	5.00	0.00
SUM 1957	0.00	5.00	5.00	0.00
WIN 1957	0.00	5.00	5.00	0.00
SPR 1958	0.00	5.00	5.00	0.00
SUM 1958	0.00	5.00	5.00	0.00
WIN 1958	0.00	5.00	5.00	0.00
SPR 1959	0.00	5.00	5.00	0.00
SUM 1959	0.00	5.00	5.00	0.00
WIN 1959	0.00	5.00	5.00	0.00
SPR 1960	0.00	5.00	5.00	0.00
SUM 1960	0.00	5.00	5.00	0.00
WIN 1960	0.00	5.00	5.00	0.00