

APPENDIX C

Irrigation Requirement Spreadsheet

Irrigation District FVID 9295 acres	Requirements (acre feet)		TOTAL Irrigation Requirement (acre feet)		Frenchman Valley Irrigation Requirement		H&RW Irrigation Requirement	
	H&RWID 11695 acres	Total 20990 acres	Releases FVID & H&RW	Enders Elev - 3089.4	Releases FVID	Enders Elev - 3089.4	Releases H&RW	Enders Elev - 3089.4
0	0.00	0.00	0.00	4900.00	0.00	4900.00	0.00	4900.00
1	774.58	974.58	1749.17	10282.05	1549.17	6449.17	2998.72	7898.72
2	1549.17	1949.17	3498.33	10764.10	3098.33	7998.33	5997.44	10897.44
3	2323.75	2923.75	5247.50	16146.15	4647.50	9547.50	8996.15	13896.15
4	3098.33	3898.33	6996.67	21528.21	6196.67	11096.67	11994.87	16894.87
5	3872.92	4872.92	8745.83	26910.26	7745.83	12645.83	14993.59	19893.59
6	4647.50	5847.50	10495.00	32292.31	9295.00	14195.00	17992.31	22892.31
7	5422.08	6822.08	12244.17	37674.36	10844.17	15744.17	20991.03	25891.03
8	6196.67	7796.67	13993.33	43056.41	12393.33	17293.33	23989.74	28889.74
9	6971.25	8771.25	15742.50	48438.46	13942.50	18842.50	26988.46	31888.46
10	7745.83	9745.83	17491.67	53820.51	15491.67	20391.67	29987.18	34887.18
11	8520.42	10720.42	19240.83	59202.56	17040.83	21940.83	32985.90	37885.90
12	9295.00	11695.00	20990.00	64584.62	18590.00	23490.00	35984.62	40884.62
13	10069.58	12669.58	22739.17	69966.67	20139.17	25039.17	38983.33	43883.33
14	10844.17	13644.17	24488.33	75348.72	21688.33	26588.33	41992.05	46882.05
15	11618.75	14618.75	26237.50	80730.77	23237.50	28137.50	44980.77	49880.77
16	12393.33	15593.33	27986.67	86112.82	24786.67	29686.67	47979.49	52879.49
17	13167.92	16567.92	29735.83	91494.87	26335.83	31235.83	50978.21	55878.21
18	13942.50	17542.50	31485.00	96876.92	27885.00	32785.00	53976.92	58876.92

Surface Irrigation (inches)

Keeping up higher doesn't take much more

Use Top of Inactive

Also into GPC with no other releases

3082.4 Top of Inactive

3089.4 GPC Target

3099.0 GPC Target

WK of April 23 Next Mtg

POTENTIAL WATER POLICY LEGISLATION DRAFT STATE LEVEL IMPLEMENTATION BUDGET
 Draft 6/6/05

POTENTIAL USES OF STATE APPROPRIATIONS OF \$2,500,000 in FY 05 (Approximate)	POTENTIAL USES OF STATE APPROPRIATIONS & CARRY OVER OF \$8,600,000 in FY 06	POTENTIAL USES OF FEES AND CHARGES OF \$4,500,000 in FY 07
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NDNR Administration/Database Development/Preparation

3 NDNR Staff Positions and Office Overhead
 (Hydrologist, Lawyer, Water Administrator)
 (Also transferred one staff to coordinate IMPs)

\$110,639	\$200,000	\$200,000
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Additional DNR Equipment/Supplies, Travel etc.

- Printer
- Plotter
- Computers and Software
- Furniture
- Extra Travel
- Printing/Copying/Publishing/Postage

\$120,000

\$100,000

\$80,000

Development of a Database for Integrated Management

- Development of Database Architecture
- Collection of the Data
- Contract/Consultant for Improved DNR Recordkeeping
 Updating, Capability Enhancement
 - a) Copy well registrations from microfilm to electronic media
 - b) Have sw paper files scanned, coded, & elec display
 - c) Storing & displaying electronic images
 - d) Assist in coping, digitizing SW maps, processing SW applic
 - e) Platte River Water Decision Support System
 - e) Scan NRD Plans and documents and index

\$110,000

\$310,000

\$310,000

(\$86,750)

(\$86,750)

Specialized Studies/Evaluation - General

Studies/Work Activities by UNL

- Study of other states legal approaches to closing basins
- Water conservation education package
- Provide econ info to assist in fully approp & other determinations
- Index/ make electronic UNL well log, pump test & other datasets
- Hydraulic Conductivity Specific Yield & Transmissivity Mapping
- Box Butte County/Niobrara Regional Hydrologic Model

\$46,361	\$150,000	\$150,000
(\$5,000)	----	----
----	(?)	(?)
----	(?)	(?)
----	(?)	(?)
(\$41,361)	----	----
----	(\$50,000)	(\$15,637)

Contracts for Technical Studies or Modeling

- Local Specialized Study Funds

- UNWNRD
- Other

- Alternate Supplies

(Blue Basin Study)

Planning and Implementation

- Staff to Assist NRDs *
- Development of Technical Information for Joint Mgmt Plans (model runs, economic analyses, etc.)
- Assistance on Conjunctive Water Mgmt Planning for Part of Central Platte Valley
- Frenchman Valley Study

----	(\$50,000)	(?)
----	\$213,983	\$200,000
----	(?)	(?)
----	(?)	(?)
----	(?)	(?)
----	(\$35,000)	(\$35,000)
----	(\$70,000)	(\$10,000)

Assistance/Incentives for Implementation Plans

Incentives/Payments

- Republican Pilot Project (\$1M matched by \$1.5 MNRCS = \$2.5 M)
- Other Incentives

\$1,000,000	\$7,362,017	\$3,240,000
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TOTAL

\$1,400,000	\$8,600,000	\$4,500,000
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