

**UPPER BIG BLUE
Natural Resources District**

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York, Nebraska 68467

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May 17, 2012

Brian P. Dunnigan
Director
Department of Natural Resources
P.O. Box 94676
301 Centennial Mall South, 4th Floor
Lincoln, Nebraska 68509-4676

RECEIVED

MAY 21 2012

DEPARTMENT OF
NATURAL RESOURCES

Re: Upper Platte Basin Integrated Management Area Annual Report

Dear Mr. Dunnigan:

Enclosed is the Upper Big Blue NRD 2012 Annual Report of the Upper Platte Basin Integrated Management Area. The report documents the items that the District is responsible for according to the Integrated Management Plan.

Sincerely,


John C. Turnbull
General Manager

Enclosure

Cc: Roger Houdersheldt, Chairman

2012
ANNUAL REPORT OF THE UPPER BIG BLUE
NATURAL RESOURCES DISTRICT
TO MEET THE REQUIREMENTS OF THE DISTRICT'S UPPER PLATTE BASIN
INTEGRATED MANAGEMENT PLAN

I. INTRODUCTION

The preliminary determination that a portion of the Upper Platte Basin located in Hamilton County is fully appropriated was made on December 30, 2005. The Department and District adopted the management plan for the Integrated Management Area (IMA) on September 16, 2010. The Plan went into effect on October 18, 2010.

Since December 30, 2005 the District has been tracking those groundwater related activities that may have the potential to impact depletions to the Platte River. The Integrated Management Plan includes the following items which are to be tracked by the District: 1) certification of ground water uses and any changes to these certifications; 2) approved transfers, including all of the information provided with the application and used in the approval of the transfer; 3) any flow meter data collected; 4) any water well construction permits issued; 5) any other permits issued by the District in the integrated management area; 6) any conditions associated with any permits issued; 7) information gathered through the municipal and non-municipal industrial accounting process; 8) any variances issued, including the purpose, the location, any required offset, the length of time for which the variance is applicable, and the reasoning behind approval of the variance; 9) any retirements of irrigated acres or other water uses in the integrated management area; 10) information related to any water banking transactions; and 11) offset provided for depletions resulting from increased consumptive use related to the above listed items.

The items tracked and reported will be used by the Upper Big Blue NRD and the Department to measure the success of the controls, and other action items in meeting the goals and objectives of the IMPs. Two evaluation components for measuring success are described in the IMP. The tracking, reporting, and evaluation processes are described in more detail in the Monitoring and Studies section of the IMP. In addition to the evaluation processes, the information that is tracked and reported will also be used by the State to help meet requirements of the Platte River Recovery Implementation Program (Program).

The 2012 report is the second report to be filed following approval of the IMPs in October 2010. Therefore, this report contains information required on the above listed items from January 1, 2011, to December 31, 2011.

II. ACTIVITIES TO BE REPORTED

A. CERTIFICATION OF GROUND WATER USES AND ANY CHANGES TO THESE CERTIFICATIONS

The District began certification groundwater uses in 2006 as part of the Districts

Groundwater Management Area #1 regulations. The District required each landowner to report wells, irrigated acres and/or other uses of groundwater for well with a pumping capacity greater than fifty gallons per minute (> 50 gpm). The District also obtained county assessor records showing the irrigated acres on each parcel of land.

In the integrated Management Area (IMA) the only uses of groundwater wells with a pumping capacity > 50 gpm is for irrigation. In 2010 the 3,779.2 irrigated acres were certified by the District. During 2011 no changes were made. The 2011 certified irrigated acres in the IMA remain at 3,779.2.

B. APPROVED TRANSFERS, INCLUDING ALL OF THE INFORMATION PROVIDED WITH THE APPLICATION AND USED IN THE APPROVAL OF THE TRANSFER

The District has not authorized any transfers of groundwater or certified groundwater use acres in the IMA since December 31, 2010.

C. FLOW METER DATA COLLECTED (Groundwater withdrawal)

The District requires groundwater users to submit annual groundwater withdrawal reports. This requirement began in 2007 under the District's Groundwater Management Area #1 regulations. The use of water meters on all wells is encouraged, but is not required. Wells constructed in the District after March 1, 2004 must be equipped with a water meter. If well output is not measured by a water meter the user may report estimated withdrawal by other methods such as hours pumped multiplied by pump capacity or pivot revolutions by application rate. Groundwater withdrawal reports were submitted by the irrigators for the years 2007 thru 2011. The total annual groundwater withdrawal in the IMA was 2,110 acre feet in 2011. A summary is attached.

D. WELL CONSTRUCTION PERMITS

The District has not issued a well construction permit in the IMA.

E. OTHER PERMITS ISSUED BY THE DISTRICT IN THE INTEGRATED MANAGEMENT AREA

The District has not issued any other permits in the IMA.

F. INFORMATION GATHERED THROUGH THE MUNICIPAL AND NON-MUNICIPAL INDUSTRIAL ACCOUNTING PROCESS

No municipal water wells exist within the IMA.

G. VARIANCES ISSUED, INCLUDING THE PURPOSE, THE LOCATION, ANY REQUIRED OFFSET, THE LENGTH OF TIME FOR WHICH THE VARIANCE IS APPLICABLE, AND THE REASONING BEHIND APPROVAL OF THE VARIANCE

No variances were issued in the IMA

H. RETIREMENTS OF IRRIGATED ACRES OR OTHER WATER USES IN THE INTEGRATED MANAGEMENT AREA

No irrigation acres or other uses of groundwater have been retired in the IMA.

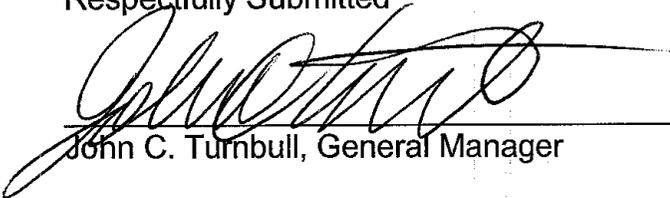
I. WATER BANKING TRANSACTIONS

No water banking transactions have occurred in the IMA.

J. OFFSET PROVIDED FOR DEPLETIONS RESULTING FROM INCREASED CONSUMPTIVE USE RELATED TO THE ABOVE LISTED ITEMS

No activities related to the items listed above are believed to have resulted in any increased consumptive use in the IMA.

Respectfully Submitted



John C. Turnbull, General Manager

17 MAY 2012
Date

Upper Big Blue Natural Resources District
Upper Platte Basin Certified Acres December 31, 2011

County	Township	Section	Tract	Parcel #	Final Acres
HAMILTON	10N-08W	05	EXC TR	410092495	69.47
HAMILTON	10N-08W	05	TRS IN	410018759	138.42
HAMILTON	10N-08W	05	E1/2 SW1/4	410018775	175.77
HAMILTON	10N-08W	05	NW1/4 EXC	410018805	35.71
HAMILTON	10N-08W	05	& W1/2 E1/2	410131776	110.41
HAMILTON	10N-08W	06	PT SW1/4	410018872	53.23
HAMILTON	10N-08W	06	PT TO ST	410018864	147.32
HAMILTON	10N-08W	07	PT TO ST &	410019372	231.69
HAMILTON	10N-08W	07	PT TO ST &	410019399	130.79
HAMILTON	10N-08W	07	W1/2 SE1/4	410019410	156.11
HAMILTON	10N-08W	07	NW1/4	410019429	56.00
HAMILTON	11N-07W	06	E1/2 SE1/4	410031623	76.66
HAMILTON	11N-07W	06	S1/2 NE1/4	410031615	67.00
HAMILTON	11N-07W	06	& E1/2	410031666	125.85
HAMILTON	11N-07W	06	W1/2 SW1/4	410031674	15.00
HAMILTON	11N-08W	01	SE1/4 SE1/4	410030252	7.00
HAMILTON	11N-08W	11	S1/2 SE1/4	410030279	25.51
HAMILTON	11N-08W	12	E1/2 SE1/4	410030309	77.00
HAMILTON	11N-08W	12	SE1/4 NW1/4	410030325	147.00
HAMILTON	11N-08W	12	NE1/4	410030295	109.50
HAMILTON	11N-08W	12	W1/2 SE1/4	410030317	63.70
HAMILTON	11N-08W	14	N 100 AC	410030406	130.03
HAMILTON	11N-08W	14	TR	410030392	135.66
HAMILTON	11N-08W	14	SW1/4	410030422	55.50
HAMILTON	11N-08W	14	S1/2 SE1/4	410030414	76.81
HAMILTON	11N-08W	21	SE1/4 NE1/4	410030570	164.52
HAMILTON	11N-08W	22	EXC TR TO	410030589	30.73
HAMILTON	11N-08W	22	N1/2 SE1/4	410030600	72.32
HAMILTON	11N-08W	22	SW1/4	410141909	43.97
HAMILTON	11N-08W	22	SW1/4 (AKA	410136735	3.22
HAMILTON	11N-08W	22	SW1/4 AKA	410136786	3.59
HAMILTON	11N-08W	22	& E 1 RD	410030597	77.53
HAMILTON	11N-08W	22	NW1/4 &	410030643	23.40
HAMILTON	11N-08W	22	SW1/4 SE1/4	410030627	37.40
HAMILTON	11N-08W	28	NE1/4	410031070	90.00
HAMILTON	11N-08W	28	EXC TR	410031119	33.80
HAMILTON	11N-08W	28	NW1/4	410031135	114.60
HAMILTON	11N-08W	28	SE1/4	410031089	67.99
HAMILTON	11N-08W	28	S1/2 SE1/4	410031097	76.74

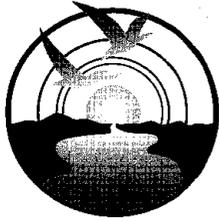
Upper Big Blue Natural Resources District
 Upper Platte Basin Certified Acres December 31, 2011

HAMILTON	11N-08W	28	EXC TR &	410116912	102.62
HAMILTON	11N-08W	29	LOTS 2-3 &	410031143	121.05
HAMILTON	11N-08W	29	NORTH OF	410031151	19.00
HAMILTON	11N-08W	32	E1/2 NE1/4	410031194	77.00
HAMILTON	11N-08W	32	SE1/4 & PT	410031208	95.14
HAMILTON	11N-08W	32	1.04 AC TO	410031224	107.43

Total 3,779.18

Upper Big Blue Natrual Resources District
 Estimate Groundwater Withdrawal
 Upper Platte Basin IMA

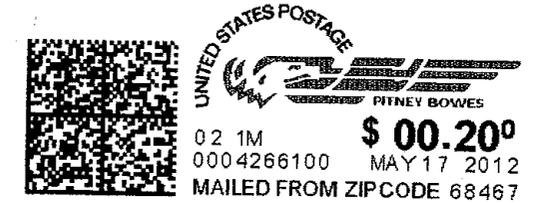
	Acres	Total Ac. Inches	Inches / Acre
Section 5	529.8	3,667.8	6.9
Section 6	200.6	1,685.5	8.4
Section 7	574.6	2,668.2	4.6
Section 6	284.5	1,400.3	4.9 15 acres Irrigated with well G-026988 in NE1/4 12-11N-08W
Section 1	7.0	10.2	1.5 Irrigated with well G-026988 in NE1/4 12-11N-08W
Section 2	0.0	0.0	0.0
Section 10	0.0	0.0	0.0
Section 11	25.5	207.9	8.2
Section 12	397.2	2,801.4	7.1
Section 14	398.0	2,959.2	7.4
Section 15	0.0	0.0	0.0
Section 16	0.0	0.0	0.0
Section 20	0.0	0.0	0.0
Section 21	164.5	1,154.8	7.0
Section 22	292.2	2,686.9	9.2 23.4 acres are irrigatedwith well G-008399 located in Sec 27-11N-08W which is outside of the IMA
Section 28	485.7	3,248.9	6.7
Section 29	140.1	947.3	6.8 19 acres are Irrigated from well G-010838 in Section 28-11N-08W
Section 30	0.0	0.0	0.0
Section 31	0.0	0.0	0.0
Section 32	279.6	1,891.1	6.8
	3,779.2	25,329.7	6.7



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