



# **2013 Platte Basin-Wide IMP Report**

**Annual Report of the Department of Natural Resources to meet the Requirements  
of the North Platte, South Platte, Twin Platte, Central Platte, and Tri-Basin  
Natural Resources Districts' Platte Basin Integrated Management Plans  
for the 2013 Basin-Wide Meeting**

Nebraska Department of Natural Resources  
June 20, 2013



**ANNUAL REPORT OF THE DEPARTMENT OF NATURAL RESOURCES  
TO MEET THE REQUIREMENTS OF THE NORTH PLATTE, SOUTH PLATTE,  
TWIN PLATTE, CENTRAL PLATTE, AND TRI-BASIN NATURAL RESOURCES  
DISTRICTS' PLATTE BASIN INTEGRATED MANAGEMENT PLANS  
FOR THE 2013 BASIN-WIDE MEETING**

I. INTRODUCTION

This report, to be presented at the annual basin-wide meeting, is intended to satisfy the tracking, reporting, and evaluation requirements of the Department of Natural Resources (Department) as described in the Monitoring and Studies section of the North Platte, South Platte, Central Platte, Twin Platte, and Tri-Basin Natural Resources Districts (Platte Basin NRDs) integrated management plans (IMPs). The tracking, reporting, and evaluation processes are described in more detail in the Monitoring and Studies section of the IMPs. This is the fourth report to be filed following adoption of the IMPs in September 2009 and contains information on activities from January 1, 2012, to December 31, 2012.

Each of the 5 Platte Basin IMPs require that the Department annually track and report on the following items: 1) any surface water permits issued; 2) any dam safety permits issued; 3) any groundwater permits issued; and 4) the associated offsets for any new permits issued. The above items are included in this report. The IMPs also discuss the inclusion of information on the location, amount, and timing of the depletions caused by each permitted new or expanded water use as well as the same information for the associated offset (accretions to provide mitigation). In table 5 of this report, the Department summarizes information regarding the depletions, mitigations, and net effect of the permitted activities through calendar year 2019, the first 10 year increment of the IMPs.

In addition to reporting on annual permitting activities, the Department is also required to report the following items every 5 years: 1) National Agricultural Statistics Service (NASS) livestock data; 2) U.S. Census Bureau population data; 3) inventory of sandpits; 4) inventory of reservoirs of less than 15 acre-feet (af); 5) any retirements of irrigated acres or other activities by the Department for the purpose of returning to a fully appropriated condition; and 6) offsets (accretions to provide mitigation) for depletions resulting from increased consumptive use related to the items listed above. The above items were included in the 2011 report<sup>1</sup> and will not be included in the 2013 report. These items, as well as the items reported annually, will be used in a robust analysis

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<sup>1</sup> *Annual Report of the Department of Natural Resources to meet the Requirements of the North Platte, South Platte, Twin Platte, Central Platte and Tri-Basin Natural Resources Districts' Integrated Management Plans for the 2011 Basin-Wide Meeting* available at [http://dnr.ne.gov/IWM/NRD/IWM\\_UpperPlattebasin.html](http://dnr.ne.gov/IWM/NRD/IWM_UpperPlattebasin.html).

planned to be conducted every 5 years. This robust analysis is described in more detail in the IMPs.

Following the reporting at the annual basin-wide meeting, the items tracked and reported will be used by the Platte Basin NRDs and the Department to measure the success of the controls, incentive measures, and other action items in meeting the goals and objectives of the IMPs. Two evaluation processes for measuring success are described in the IMPs. The first is an annual evaluation of the data contained in the annual report that will include a forecast of the balance of depletions and accretions for permitted new activities. The second evaluation process occurs every 5 years and is more robust, including updating and running groundwater models. In addition to these 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 (PRRIP).

II. ACTIVITIES TO BE REPORTED ANNUALLY (JANUARY 1, 2012 THROUGH DECEMBER 31, 2012)

A. Summary

Items reported annually include permits that are issued by the Department. When a surface water or groundwater permit is reviewed, the Department assesses the potential for the permitted action to increase, decrease, or not affect water use. Depending on the circumstances, the applicant may be required to take action that would mitigate the effect of any increase in water use. Described in each section below are the permits issued by the Department and the associated review of potential changes in the water use. The Department issued 5 new surface water permits, 5 dam safety permits, and 2 groundwater permits. Copies of the applications and orders for each permit are available in Appendix 1. More detailed information on each permit is available at the Department offices in Lincoln, Nebraska.

B. Surface Water Permits Issued – Table 1

Five new surface water permits were issued in calendar year 2012. Four of these are temporary permits, 3 of which are sourced from the diversion of excess natural flow and are for the purpose of groundwater recharge. The fourth temporary permit is for public-use construction and is less than 10 af in total volume, which in accordance with *Neb. Rev. Stat.* §46-233(8) is therefore in the public interest and exempt from the determination of unappropriated water. All temporary permits expire 1 year from the issued date. The fifth permit was for a reservoir that has been in existence and in use prior to the basin moratorium. The conditions under which each permit can operate are specified in detail in the order for each permit (see Appendix 1).

C. Dam Safety Permits Issued – Table 2

Five dam safety permits were issued in calendar year 2012. Three permits issued are for livestock waste retention and 2 are for storm water retention. The normal storage capacity of the storm water retention reservoirs is below 15 af, therefore they do not require a surface water storage permit and no evaluation of consumptive use was required in the permit approval process. All 5 dam safety permits will be accounted for by Nebraska under the Nebraska New Depletion Plan.

D. Groundwater Permits Issued – Table 3

A total of 2 groundwater permits for 3 wells were issued by the Department for separate applicants. All of the groundwater permits issued by the Department were for industrial construction purposes transporting groundwater to an adjoining state. Pursuant to *Neb. Rev. Stat.* § 46-613.01, the Department consulted with the South Platte NRD during the process of permit issuance. Under the rules and regulations of the South Platte NRD, transfers were required for each permit to provide an offset for each new or expanded use; therefore, no additional depletion or mitigation analysis is required by the Department for these permits.

E. Offsets for Issued Permits

No offsets were necessary for 4 of the surface water permits issued because the permits did not impact state protected flows or species target flows. The temporary construction surface water permit and dam safety permits issued in 2012 do not require that an offset be provided through the permitting process. These permitted activities will be accounted for by Nebraska in accordance with the Nebraska New Depletion Plan.

F. Additional Reporting of Cancelled Permits – Table 4

To facilitate the exchange of information between the Department and the NRDs, the Department is also reporting on the cancellation of surface water permits. Nineteen surface water permits were cancelled during the reporting period. All these were temporary permits which expired during the reporting period. Copies of the application and order for each cancelled surface water permit can be found in Appendix 1 of the 2012 report.<sup>2</sup>

G. Net Effect due to New or Expanded Permitted Activity and Offsets: Depletion and Mitigation Analysis – Table 5 & Table 6

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<sup>2</sup> 2012 Platte Basin-Wide IMP Report: Annual Report of the Department of Natural Resources to meet the Requirements of the North Platte, South Platte, Twin Platte, Central Platte and Tri-Basin Natural Resources Districts' Integrated Management Plans for the 2012 Basin-Wide Meeting available at [http://dnr.ne.gov/IWM/NRD/IWM\\_UpperPlattebasin.html](http://dnr.ne.gov/IWM/NRD/IWM_UpperPlattebasin.html).

When tables 5 and 6 are summed, the net effect to the stream of new permitted activities and the 2011 recharge project undertaken by Nebraska to provide accretions to the river shows a net positive effect. Values in table 5 were derived from the information for the permits listed in tables 1-3; a positive value indicates that the mitigation exceeded the depletive effect of the new or expanded permitted uses. Due to the nature of the permitted actions, only the temporary construction permit listed in table 1 was a new or expanded use that required an estimation of mitigations and depletions by the Department. No depletion or mitigation estimates were necessary for the permits listed in tables 2 and 3.

No specific mitigation was provided for the sole purpose of offsetting the temporary construction permit. However, the Department has participated in various Platte Basin Habitat Enhancement Project (PBHEP) endeavors that have provided accretions (mitigations) to the stream. For example, in 2011, groundwater recharge projects were implemented by PBHEP to provide accretions to the river. The annual estimate of accretions due to the spring and fall 2011 groundwater recharge projects can be found in table 6. Diversions for groundwater recharge also occurred on 1 canal in the spring of 2012, but the accretions due to those diversions have not been calculated and are not included in table 6.<sup>3</sup>

Other projects for the purpose of providing accretions to the river are discussed in more detail in the Department's December 28, 2012, update to the Governance Committee, "Nebraska Update on Continued Implementation of the Nebraska New Depletion Plan (NNDP)," attached to this report in Appendix 1. Based on the analysis presented in that update, the total of Nebraska's mitigation efforts and depletions from new uses within the basin result in a net increase to streamflow.

A guidance document for the annual calculations, *Basin-wide Technical Committee Guidance Document – Procedures for Annual Accounting Review and Robust Review to Assist Integrated Management Planning and Facilitate Reporting to the Platte River Recovery and Implementation Program*, can be found on the Department's website at <http://dnr.ne.gov/IWM/Reports/Guidance20120814.pdf>.

### III. ACTIVITIES TO BE REPORTED ON A FIVE (5) YEAR BASIS

For the 5 year tracking requirements, the Department reports on changes in livestock and human populations and conducts an inventory of sandpits and reservoirs less than 15 acre-feet. The Department also reports on retirements of irrigated acres and other activities conducted for the purpose of returning to a fully appropriated condition, and any offsets

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<sup>3</sup> Table 6 of the 2012 report contained preliminary values for the spring and fall 2011 groundwater recharge project accretions. These values have been revised since last year following further review by the Department, the participating NRDs, and the irrigation districts and the final estimated values were published in the Department's January 2013 Technical Memorandum titled *Upper Platte River Recharge and Flood Demonstration Project: Part of the Conjunctive Management Toolbox* available on the Department's website at <http://dnr.ne.gov/IWM/Reports/2011RechargeTM2013.pdf>.

necessary for depletions resulting from increased consumptive use by the items reported in this section.

Activities in this section were reported for the 2010 calendar year in the 2011 report. Activities between calendar years 1997 and 2005 were reported in the 2010 report.<sup>4</sup> Updates to livestock and human population data in the 2010 and 2011 reports are available on the Department website at: [http://dnr.ne.gov/IWM/NRD/IWM\\_UpperPlattebasin.html](http://dnr.ne.gov/IWM/NRD/IWM_UpperPlattebasin.html).

The next update to this section of the report will be for changes in activities occurring between calendar year 2010 and calendar year 2015.

#### IV. SUMMARY

During 2012, the Department issued 5 new surface water permits, 5 dam safety permits, and 2 groundwater permits. Of these permits, only one surface water permit required an estimation of depletions and mitigations by the Department. While no specific mitigation was provided to offset this permit, various PBHEP projects provide sufficient accretions to the stream to mitigate for this permit. As described in the December 2012 Update on the NNDP, when all activities in the basin are tracked and summed, the net effect of new or expanded uses and mitigation activities is positive to the river.

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<sup>4</sup> *Annual Report of the Department of Natural Resources to Meet the Requirements of the North Platte, South Platte, Twin Platte, Central Platte and Tri-Basin Natural Resources Districts' Integrated Management Plans for the 2010 Basin-Wide Meeting*

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Table 1: Department Surface Water Permits Issued during Reporting Period January 1, 2012, to December 31, 2012

| Appropriation Number | Order Date | Section | Township | Range | Use                    | Grant in CFS | Grant in AF | Surface Water or Groundwater Mitigation  | Associated Variances |
|----------------------|------------|---------|----------|-------|------------------------|--------------|-------------|--|----------------------|
| A-17302              | 10/2/2012  | 19      | 12       | 26 W  | Storage                |              | 300         | No Mitigation: Variance granted pursuant to 457 Neb. Admin. Code ch. 23 § 001.04. Use existed prior to moratorium.             | VAR-2270             |
| A-18863              | 1/13/2012  | 18      | 20       | 51 W  | Temporary Recharge     | 30           |             | Variance granted pursuant to 457 Neb. Admin. Code ch. 23 § 001.03  | VAR-2182             |
| A-18948              | 8/8/2012   | 3       | 14       | 38 W  | Temporary Construction |              | 2.5         | Variance granted pursuant to 457 Neb. Admin. Code ch. 23 § 001.05  | VAR-2377             |
| A-18959              | 11/29/2012 | 3       | 8        | 21 W  | Temporary Recharge     | 350          |             | Variance granted pursuant to 457 Neb. Admin. Code ch. 23 § 001.03  | VAR-2370             |
| A-18987              | 11/29/2012 | 3       | 14       | 38 W  | Temporary Recharge     | 350          | 6,000       | Variance granted pursuant to 457 Neb. Admin. Code ch. 23 § 002. Environmental Account storage water will be used for recharge. | VAR-2397             |

Table 2: Department Dam Safety Permits Issued during Reporting Period January 1, 2012, to December 31, 2012

| Plan Number | Appropriation Number | Dam Status       | Project Name                            | Section | Township | Range | Order Date | Water Division | Use   |
|-------------|----------------------|------------------|---|---------|----------|-------|------------|----------------|---|
| P-17968     | N/A                  | Approved         | DCUL6-Upper Prairie Silver Moores Creek | 27      | 12       | 12 W  | 3/9/2012   | 1A             | C - Flood Control, Storm Water Management       |
| P-18093     | N/A                  | Approved         | Upper Prairie Creek PCUL4               | 20      | 11       | 12 W  | 3/20/2012  | 1A             | C - Flood Control, Storm Water Management       |
| P-18154     | N/A                  | Approved         | Hamlot Waste Control Lagoon             | 35      | 12       | 20 W  | 5/9/2012   | 1A             | O - Livestock Waste Control (Housed System)     |
| P-18174     | N/A                  | Completed 9/2012 | Ft Kearney Holding Pond 1               | 5       | 7        | 14 W  | 5/15/2012  | 1A             | O - Livestock Waste Control (Housed & Open Lot) |
| P-18258     | N/A                  | Approved         | Rowe HP2                                | 13      | 8        | 22 W  | 7/24/2012  | 1A             | O - Livestock Waste Control (Open Lot System)   |

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Table 3: 2012 Department Municipal and Industrial Groundwater Permits Issued during Reporting Period January 1, 2012, to December 31, 2012

| Permit # | Well Registration Number | NRD GW Transfer Permit Number | Approval Date | Well Type | Section | Township | Range | Permitted Max. Daily Rate (gal.) | Actual Max. Daily Rate (gal.) | Permitted Total Annual Consumptive Use (gal.) | Actual Total Annual Consumptive Use (gal.) | Consumptive Use (percent) | Offset Scheme  |
|----------|--------------------------|-------------------------------|---------------|-----------|---------|----------|-------|----------------------------------|-------------------------------|---|--|---------------------------|--|
| TA-50    | G-060621                 | TR-OST-ACT_Kimball            | 7/24/2012     | Municipal | *       | 15       | 55 W  | 15,000                           | 8,820                         | 1,303,404                                     | 27,468                                     | 100                       | All Industrial water transferred to be accounted by NRD in total municipal use; offsets to be determined per 740 & IMP |
| TA-50    | G-060622                 | TR-OST-ACT_Kimball            | 7/24/2012     | Municipal | *       | 15       | 55 W  | 15,000                           | 8,820                         | 1,303,404                                     | 27,468                                     | 100                       | All Industrial water transferred to be accounted by NRD in total municipal use; offsets to be determined per 740 & IMP |
| TA-50    | G-095192                 | TR-OST-ACT_Kimball            | 7/24/2012     | Municipal | *       | 15       | 55 W  | 15,000                           | 8,820                         | 1,303,404                                     | 27,468                                     | 100                       | All Industrial water transferred to be accounted by NRD in total municipal use; offsets to be determined per 740 & IMP |
| TA-51    | G-060621                 | TR-OST-ACT_Kimball            | 7/24/2012     | Municipal | *       | 15       | 55 W  | 15,000                           | 2,100                         | 1,303,404                                     | 5,166                                      | 100                       | All Industrial water transferred to be accounted by NRD in total municipal use; offsets to be determined per 740 & IMP |
| TA-51    | G-060622                 | TR-OST-ACT_Kimball            | 7/24/2012     | Municipal | *       | 15       | 55 W  | 15,000                           | 2,100                         | 1,303,404                                     | 5,166                                      | 100                       | All Industrial water transferred to be accounted by NRD in total municipal use; offsets to be determined per 740 & IMP |
| TA-51    | G-095192                 | TR-OST-ACT_Kimball            | 7/24/2012     | Municipal | *       | 15       | 55 W  | 15,000                           | 2,100                         | 1,303,404                                     | 5,166                                      | 100                       | All Industrial water transferred to be accounted by NRD in total municipal use; offsets to be determined per 740 & IMP |

\*Section has been removed for Public Water Supply

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Table 4: Department Cancelled Surface Water Permits during Reporting Period January 1, 2012, to December 31, 2012

| Appropriation Number | Modification Number | Order of Cancellation Date | Section | Township | Range | Use                                      | Begin Acres | Cancelled Acres | Cancellation in CFS | Cancellation in AF | Right ID |
|----------------------|---------------------|----------------------------|---------|----------|-------|--|-------------|-----------------|---------------------|--------------------|----------|
| A-18771              | VAR-2077            | 4/14/2012                  | 30      | 12       | 26 W  | Temporary Recharge                       | N/A         | N/A             | 75                  |                    | 10961    |
| A-18772              | VAR-2070            | 4/14/2012                  | 9       | 10       | 24 W  | Temporary Recharge                       | N/A         | N/A             | 25                  |                    | 10962    |
| A-18773              | VAR-2069            | 4/14/2012                  | 15      | 11       | 25 W  | Temporary Recharge                       | N/A         | N/A             | 70                  |                    | 10963    |
| A-18774              | VAR-2068            | 4/14/2012                  | 14      | 12       | 43 W  | Temporary Recharge                       | N/A         | N/A             | 150                 |                    | 10964    |
| A-18775              | VAR-2076            | 4/30/2012                  | 19      | 12       | 26 W  | Temporary Recharge                       | N/A         | N/A             | 75                  |                    | 10965    |
| A-18776              | VAR-2077            | 4/22/2012                  | 18      | 10       | 23 W  | Temporary Recharge                       | N/A         | N/A             | 75                  |                    | 10966    |
| A-18777              | VAR-2071            | 4/22/2012                  | 8       | 13       | 29 W  | Temporary Recharge                       | N/A         | N/A             | 50                  |                    | 10967    |
| A-18778              | VAR-2007            | 6/17/2012                  | 8       | 13       | 29 W  | Temporary Recharge                       | N/A         | N/A             | 350                 |                    | 10968    |
| A-18808              | VAR-2156            | 9/14/2012                  | 9       | 13       | 36 W  | Manufacturing;<br>Temporary Construction | N/A         | N/A             |                     | 3.07               | 11019    |
| A-18815              | VAR-2166            | 10/17/2012                 | 13      | 14       | 34 W  | Temporary Recharge                       | N/A         | N/A             | 120                 |                    | 11026    |
| A-18816              | VAR-2168            | 10/17/2012                 | 7       | 14       | 32 W  | Temporary Recharge                       | N/A         | N/A             | 45                  |                    | 11027    |
| A-18817              | VAR-2178            | 10/24/2012                 | 27      | 22       | 55 W  | Temporary Recharge                       | N/A         | N/A             | 20                  |                    | 11028    |
| A-18818              | VAR-2165            | 10/24/2012                 | 18      | 21       | 53 W  | Temporary Recharge                       | N/A         | N/A             | 20                  |                    | 11029    |
| A-18820              | VAR-2177            | 10/24/2012                 | 14      | 18       | 47 W  | Temporary Recharge                       | N/A         | N/A             | 40                  |                    | 11033    |
| A-18826              | VAR-2167            | 10/28/2012                 | 18      | 14       | 33 W  | Temporary Recharge                       | N/A         | N/A             | 60                  |                    | 11039    |
| A-18831              | VAR-2193            | 11/15/2012                 | 1       | 20       | 53 W  | Temporary Recharge                       | N/A         | N/A             | 50                  |                    | 11044    |
| A-18832              | VAR-2181            | 11/15/2012                 | 3       | 21       | 54 W  | Temporary Recharge                       | N/A         | N/A             | 40                  |                    | 11045    |
| A-18833              | VAR-2164            | 11/15/2012                 | 32      | 22       | 54 W  | Temporary Recharge                       | N/A         | N/A             | 40                  |                    | 11046    |
| A-18835              | VAR-2213            | 12/5/2012                  | 17      | 22       | 55 W  | Temporary Recharge                       | N/A         | N/A             | 25                  |                    | 11048    |

Copies of the Applications and Orders for each cancelled permit can be found in Appendix 1 of the 2012 report.

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Table 5. Depletions Due to New or Expanded Permitted Activity in 2012, Associated Mitigations, and the Net Effect (acre-feet).

| <b>Year</b> | <b>Depletion (af)</b> | <b>Mitigation (af)</b> | <b>Net Effect (af)</b> |
|-------------|-----------------------|------------------------|------------------------|
| 2012        | 2.5                   | 0                      | 2.5                    |
| 2013        | 0                     | 0                      | 0                      |
| 2014        | 0                     | 0                      | 0                      |
| 2015        | 0                     | 0                      | 0                      |
| 2016        | 0                     | 0                      | 0                      |
| 2017        | 0                     | 0                      | 0                      |
| 2018        | 0                     | 0                      | 0                      |
| 2019        | 0                     | 0                      | 0                      |

Table 6. Annual Estimate of Accretions (acre-feet) from Spring and Fall 2011 Groundwater Recharge Projects.\*

| <b>Year</b> | <b>Depletion (af)</b> | <b>Accretion (af)</b> | <b>Net Effect (af)</b> |
|-------------|-----------------------|-----------------------|------------------------|
| 2011        | 0                     | 1062                  | 1062                   |
| 2012        | 0                     | 1672                  | 1672                   |
| 2013        | 0                     | 1844                  | 1844                   |
| 2014        | 0                     | 1853                  | 1853                   |
| 2015        | 0                     | 1777                  | 1777                   |
| 2016        | 0                     | 1669                  | 1669                   |
| 2017        | 0                     | 1555                  | 1555                   |
| 2018        | 0                     | 1446                  | 1446                   |
| 2019        | 0                     | 1344                  | 1344                   |

\*Values have been updated since the 2012 report.

## Definitions

Depending on the types of permits issued or cancelled in a given year, not all definitions may be relevant to the current year's report.

|                                  |  |
|----------------------------------|--|
| Accretion                        | Addition to streamflow that results from a mitigation action or project.   |
| Acre-Feet (af)                   | A unit of volume, commonly used to measure quantities of water used or stored equivalent to the volume of water required to cover 1 acre to a depth of 1 foot and equivalent to 43,560 cubic feet, 325,851 gallons, or 1,233 cubic meters.   |
| Annotation                       | Modification numbers or appropriation numbers also associated with the appropriation.  |
| Application/Appropriation Number | App Number (Docket and Application Numbers): Appropriations having docket numbers (D-) refer to claims covering rights which existed prior to April 4, 1895, or those rights that existed on the Missouri River that were covered by the law passed in 1980. Those appropriations having applications numbers (A-) were filed after April 4, 1895. |
| Begin Acres                      | The amount of acres included in an original appropriation, prior to any acres being cancelled.   |
| Cancelled Acres                  | The amount of acres remaining in an appropriation after any acres may have been cancelled.   |
| CFS/Cubic Feet per Second        | The USGS defines cubic foot per second (cfs) as "the flow rate or discharge equal to one cubic foot of water per second or about 7.5 gallons per second."  |
| Date of Action                   | The date the water appropriation was approved.   |
| Depletion                        | Reduction to streamflow that results from a new use of either groundwater or surface water.  |
| Flood Control                    | This refers to water withdrawn from the surface water source for the purpose of protecting health and well-being of society.   |
| GPD/Gallons per Day              | This refers to the number of gallons pumped per day.   |
| Grant in AF                      | This refers to the approved amount of acres per foot of water legally allowed to be pumped.  |
| Grant in CFS                     | This refers to the approved amount of cubic feet per second of water legally allowed to be pumped.   |

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|------------------------|--|
| Instream Use           | This refers to water that is used, but not withdrawn, from a surface water source.   |
| Mitigation             | Action taken with the intent to balance streamflow depletions that result from new or expanded uses.   |
| Offset                 | A reduction in water use that corresponds with an increased use of water. An offset may be used as a management strategy to balance uses and supplies.   |
| Offset Scheme          | Any methods or means by which any new depletions from the permitted project will be offset.  |
| Order Date             | This is the date the water appropriation or project was legally approved, denied, cancelled or altered.  |
| Permit Number          | This refers to the number of a ground water permit, assigned by the Department. The first letters in the permit number denotes type of permit.   |
| Plan Number            | This number is assigned by the Dam Safety Division and is a unique identifier.   |
| Project Name           | This name is provided by the applicant.  |
| Section/Township/Range | This is the legal description of where a dam, well, or water appropriation is located.   |
| Use                    | This is the legally accepted use of the dam, well, or water appropriation.   |
| Variance (VAR)         | A variance is issued to allow an exception to the stay on new irrigated acres or new consumptive uses while providing adequate offsets or transfers to assure that there is no new increase in depletions to the river or impacts to existing surface water or groundwater uses; any request that is contrary to existing rules or regulations will require a variance.  |
| Water Division         | The State of Nebraska is divided in two water divisions by statute, denoted Water Division No. 1 and Water Division No. 2, respectively. Water Division No. 1 consists of all the lands of the state drained by the Platte Rivers and their tributaries lying west of the mouth of the Loup River; and also all other lands lying south of the Platte and South Platte rivers that may be watered from other superficial or subterranean streams not tributary to the Platte River. Water Division No. 2 consists of all lands that may be watered from the Loup, White, Niobrara, and Elkhorn rivers, and Hat Creek and their tributaries, and those lands drained by |

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|  | <p>the Platte River and its tributaries lying east of the mouth of the Loup River. For convenience in the administration of the surface water laws and the distribution of water, the two water divisions have been subdivided into 12 water divisions, denoted:</p> <p>1A Platte River basin,<br/>                 1B Republican River basin,<br/>                 1C Little Blue River basin,<br/>                 1D Big Blue River basin,<br/>                 1E Lodgepole Creek basin,<br/>                 1F Nemaha River basin and Lower Missouri River and tributary basins,<br/>                 2A Loup River basin,<br/>                 2B Elkhorn River and Salt Creek basins,<br/>                 2C Niobrara River basin,<br/>                 2D White River and White Clay Creek basins,<br/>                 2E Hat Creek basin,<br/>                 2F Upper Missouri River and Tributary basins.</p> |
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The complete document and appendix are available from the Department website: [http://dnr.ne.gov/IWM/NRD/IWM\\_UpperPlattebasin.html](http://dnr.ne.gov/IWM/NRD/IWM_UpperPlattebasin.html) or may be requested in paper or electronic format by contacting Laura Paeglis at (402) 471-2366 or [laura.paeglis@nebraska.gov](mailto:laura.paeglis@nebraska.gov).

Listing of Document and Appendix:

Annual Report of the Department of the Natural Resources to Meet the Requirements of the North Platte, South Platte, Twin Platte, Central Platte and Tri-Basin Natural Resources Districts’ Integrated Management Plans for 2013 Basin-Wide Meeting.

Appendix 1

- Applications and Orders for Department permits issued (surface water permits, dam safety permits, groundwater permits).
- Nebraska Department of Natural Resources December 28, 2012, report to the Governance Committee (GC) of the Platte River Recovery Implementation Program (PRRIP), “Nebraska Update on Continued Implementation of the Nebraska New Depletion Plan (NNDP).”