

Central Platte Natural Resources District 2018 Annual Report of Water Use Activities in the Central Platte NRD

For the 2019 Platte Basin Meeting



2019

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**2018 ANNUAL REPORT OF WATER USE ACTIVITIES IN THE CENTRAL PLATTE NRD
TO MEET THE REQUIREMENTS OF THE INTEGRATED MANAGEMENT PLAN
FOR 2019 PLATTE BASIN MEETING**

I. SUMMARY OF WATER USE

The following is a compilation of records, statistics and historic conditions of water use which have been tracked by the Central Platte Natural Resources District (CPNRD) for calendar year 2018. All information supplied for this summary is organized within a GIS database complete with the locations, attributes and metadata necessary to recreate this report in tabular form. This report has been compiled for the 2019 Platte Basin meeting.

II. CERTIFIED IRRIGATED ACRES

In 2006, the district began certifying historic ground water and surface water irrigated acres. To be certified as irrigated, the land must have been irrigated at least 2 out of the 10 years for the period of 1995 – July 26, 2004. Land within the District but outside the original State stay on newly irrigated acres (January 6, 2006) could be developed (newly irrigated) in 2005 and was certified later in 2008-2009. The initial certification process ended on March 31, 2008; however, land is constantly coming into compliance using FSA compliant photos depicting certified irrigated boundaries and associated 578 forms of certified irrigated crops with farm and tract numbers. Since that time, additions and de-certifications to the certified irrigated acres database have occurred through December 31, 2018, with a net result of 1,029,213 certified acres.

Detailed data regarding amount and water source of certified irrigated acres *can be found in TABLE 1. Certified Acres below*. The difference in total certified acres (2010-2018) reflects newly irrigated acres as well as newly certified and re-certified acres where new evidence of irrigated crop history has been established according to our Rules and Regulations.

Table 1. Certified Acres

Year	Acres Certified	Acres of Ground Water	Acres of Surface Water	Acres of Co-Mingled	Acres Temporarily Transferred to the District
2010	1,016,589	923,520	14,968	78,101	
2011	1,016,668	923,904	14,658	78,106	
2012	1,021,017	928,318	14,612	78,087	
2013	1,025,466	932,826	14,590	78,050	

2014	1,027,288	933,633	14,536	77,686	
2015	1,028,044	936,554	14,315	77,175	
2016	1,028,055	936,579	14,315	77,161	
2017	1,028,616	936,894	14,356	77,129	233
2018	1,029,213	937,674	14,359	77,180	
Difference 10-18	12,624	14,154	-609	-921	233

III. VARIANCES

A. Definitions

1. **Offsets-** A reduction of irrigated acres at one or more locations that serves to counter-balance or compensate for a transfer of water to another location.
2. **Transfers-** To allow for, with a CPNRD approved Variance, the consumptive use of water to be changed, (either in location or purpose) without causing an increase in depletions to the river or an impact to existing surface water or ground water users. CPNRD utilizes methodology for calculating depletions and accretions consistent with the other Platte Basin NRDs when evaluating proposed transfers to ensure that the criteria for compliance with Platte River Recovery Implementation Program (PRRIP), which includes the timing, location and amount of the depletion and corresponding offsets, are met.
3. **Variance-** To allow an exception to the stay on new irrigated acres and new consumptive uses while providing for adequate offsets or transfers to assure that there is no net increase in depletions to the river or impacts to existing surface water or ground water users.

B. Tracking

Variations were tracked using simple GIS polygons and attributes until 2007. By that date, it was realized that variations were beginning to occur repeatedly on the same parcels of land. It was crucial to establish a transfer history on the original, historic certified acre boundary for each field where a variance occurred consecutively and changed the shape of the boundary numerous times. This was remedied by a Variance Geodatabase, which could track the transfers to and transfers from by date and Variance Code IDs. Therefore, it is very important, when using any future modeling techniques, to pay close attention to the yearly shape of an individual certified boundary which was affected by the variations. For example, a certified boundary in 2006 may have changed half of the acres to dry land and transferred those acres to another parcel for the year. In 2007, the same landowner may have chosen to transfer those acres back to the original certified boundary and repeat the process again in 2008. In any case, the transfers were

only allowed to occur with a variance agreement, which stipulated that the net depletion to the river must remain zero.

Prior to the establishment of a water bank, all variances were transfers of water rights between landowners and no dollar amounts were exchanged. Water was not available for purchase. Transfers were termed Variances through 2008, until the CPNRD acquired water and began selling from the fully appropriated water bank accounts to individuals. Presently all Variances are given a waterbank transaction number.

IV. APPROVED TRANSFERS

Between January 1 and December 31, 2018, the CPNRD approved 129 transactions of water use transfers. Each transaction may have consisted of one or more parcels of land from different sections. For the years 2006-2008 all transactions were considered variances to the CPNRD's rules and regulations. Variances (transfers of irrigated acres) were only allowed if it was determined that there were no new depletions to the Platte River and that any offsets were located "upstream" of the new use of water.

The certified acre total for 2018 involved in these transfers to new irrigated lands was 1,067 acres. The total number of certified acres used to offset the new uses was 840. For further analysis and statistics, *see* **TABLE 2. Transfers below**. Each transfer resulted in no net increase in stream depletions when computed using the CIR offset calculator developed from the Cooperative Hydrology Study (COHYST) databases and models.

Detailed GIS data that displays the necessary information regarding the location, timing, amount and conditions associated with each transfer is shown in the appendix.

See Appendix Attachment 4. New Use of Groundwater 2018, and Attachment 5. 2018 Mitigations. Maps of transfers, retirements, and purchases are included in this report.

For locations, *see map in Appendix Attachment 1. Locations of Acres Transferred 2018 and the map in Appendix Attachment 2. Locations of Retirements 2018.*

Table 2. Transfers

Year	Cumulative Total of Acres Certified	# of Transfers (Transactions)	Acres Transferred to New Irrigation	Transferred Offset From Certified Acres	Retired Surface Acres	Retired Ground Acres	Total Affected Acres
2006	398,000	76	768.5	777.6	0	0	1,546.1
2007	952,784.6	122	887.9	1,000.7	0	342.2	2,230.8
2008	1,013,332	97	1,004	1,032.9	689.4	351.1	3,077.4
2009	1,014,530	136	2,226	519	440.7	667.3	3,853.0
2010	1,016,589	108	659.8	494.8	899	314.1	2,367.7
2011	1,016,668	136	1,222.4	851.1	332.8	395.1	2,801.4
2012	1,021,017	184	2,106.3	1,183.9	21.8	146.8	3,458.8
2013	1,025,466	339	2020.1	1461.4	0	0	3,481.5
2014	1,027,288	226	2,762	1,827	64	24.9	4,677.9
2015	1,028,044	160	1,955	1,094	0	160	3,209
2016	1,028,055	123	1,207	918	0	193.8	2,318.8
2017	1,028,616	152	1,355	1,090	0	195.8	2640.8
2018	1,029,213	129	1,067	840	0	17.7	1924.7
Total	1,029,213	1,988	19,241.0	13,090.4	2,447.7	2,808.8	37,587.9

V. WELL CONSTRUCTION PERMITS

A. Wells

78 well permits were issued for 2018.

B. Well Permit Types

Well permits by type are shown in **Table 3. Well Permits Issued by Type** below and the following is a description of the well types.

a. Supplemental Ground Water Wells

CPNRD issues supplemental ground water well permits (coded SG) for the district where ground water wells are constructed to supplement existing ground water wells. There are no increased irrigated acres associated with these wells unless an approved variance was granted with offset acres, although the primary use of the well is to irrigate previously certified land.

b. Supplemental Surface to Ground Water Well

CPNRD issues supplemental surface to ground water well permits (coded SS) for the district where ground water wells were drilled to augment surface water irrigation when surface water is not available. There is no increase in certified irrigated acres unless an approved variance was granted with offsets. These

permits are granted with the stipulation that the ground water well cannot be used unless surface water is no longer available.

c. Replacement Wells

CPNRD issues replacement well permits (coded RP) where an existing ground water well had become unusable and needs to be replaced (decommissioned). There is no increase in certified irrigated acres associated with these well permits unless an approved variance was granted with offset acres, and the primary use of the well is to irrigate certified land that has been irrigated previously.

d. Transfer Wells

CPNRD issues conditional use well permits (coded TF) for the district where ground water wells were drilled and water was bought or transferred to that location and no increase in consumptive use occurs. This land is then considered certified irrigated and the location where it was transferred from with a variance/waterbank transaction is considered non-irrigated and certified as such.

e. New Wells

CPNRD issues new well permits (coded NP) for the district where ground water wells are drilled and water was bought or transferred to that location and no increase in consumptive use occurs. This land is then considered certified irrigated and the location where it was transferred from with a variance/waterbank transaction is considered non-irrigated and certified as such.

f. Dewatering Wells

CPNRD issues dewatering well permits (coded DW) for the district where ground water wells are drilled to help lower the water table around residents with ground water in basements; these are considered permanent wells (over 90 days).

g. Municipal/Industrial

CPNRD issues municipal (coded MU) and industrial/commercial (coded IN) well permits for the district where municipalities/industries may need wells for water quantity or quality issues. Also, industrial/ commercial may be issued for commercial feedlots or such things as gravel mining operations.

h. Domestic Wells Over 50 Gallons Per Minute

There were 0 domestic well permit (coded DO) issued with a pump capacity greater than 50 gallons per minute.

- i. Other Permits
- j. Conversion to groundwater

CPNRD issues conversion to groundwater wells (coded CG) for the district where a conversion of surface water to ground water occurred.

CPNRD issued zero remediation well permits.

Table 3. Well Permits Issued By Type

2018 Well Permit Types and Corresponding Transfers		
Well Permit Type	2018	Associated Transfers
CPSG	26	3
CPSS	0	0
CPRP	41	0
CPCG	0	0
CPNP	8	2
CPDW	0	0
CPMU	1	0
CPIN	2	0
CPDO	0	0
TOTAL	78	5

VI. MUNICIPAL AND INDUSTRIAL ACCOUNTING

A. Calculating a Baseline of Municipal Consumptive Use

CPNRD calculates baseline consumptive use for each municipality in the district based on historic consumptive use data. Consumptive use is determined from ground water pumping volumes, wastewater discharge volumes (when available), and/or computer modeling, and converted to a per capita volume. The baseline per capita volume, plus the annual population growth estimated by the Nebraska Department of Economic Development and/or U.S. Census Bureau will be used to determine annual changes in consumptive uses. Changes in consumptive use are tracked annually for each municipality through a reporting and database system administered by the CPNRD. There are 30 towns and cities within the CPNRD and the net population increase during 2010 was 1,638. 17 towns had decreases in population resulting in 194 acre-feet less usage. 10 towns had increases in population resulting in 323 acre-feet addition usage. The estimated 2010 net increase in water consumption was 129 acre-feet. The population for CPNRD in 2010 was 112,054. Population estimates for 2018, when available, will be used to calculate depletion offsets needed for municipal growth.

B. *Historic Water Use Survey*

The initial Historic Water Use Survey for municipalities was mailed on April 7, 2010, to municipalities throughout the CPNRD. Of the 30 municipalities in the district, 27 have public water supply wells. Those 27 municipalities have returned the initial survey to date.

C. *Certified Irrigated Cropland to Urban Development*

To account for municipal offset, CPNRD has evaluated the quantity of certified irrigated cropland that has been converted to urban development. Seven cities were examined throughout the district to determine this change as per the 2004 CPNRD certification process.

2005 urban development baseline was first established for the following seven cities: Silver Creek, Central City, Grand Island, Kearney, Lexington, Cozad, and Gothenburg. New urban development was identified for 2006, 2007, 2008, and 2009 within 3 miles of city limits with plans to incorporate the entire district into this evaluation. The 2018 updates of this data have not been completed at this time.

VII. FLOW METER DATA

The NRD does not require or collect pumping data for the Integrated Management Plan (IMP).

VIII. WATER BANKING ACTIVITIES**A. *Geo-Spatial Waterbanking Software***

Planning began for the waterbanking software in 2006. A GIS company, Applied Data Consultants, was chosen to customize ArcGIS software to allow for efficiently computing the net impact to the river based on transfers of irrigation. The software directly utilized the latest COHYST crop irrigation requirement (CIR) coefficients, modeled stream depletion percentages and recharge calculations to display, track and catalog the net depletion effects to the Platte River for every polygon within a transaction. The long-term goal of the project is to ensure and provide evidence that as a result of each transfer of water rights, the net depletion to the river is zero. Below is a list of the transfer types which are tracked in our database.

The waterbank transactions are separated into five transfer type procedures:

1. Modifications: Geographic modifications to existing certified acres. (changes in the shape of the polygons)

2. Purchases: Procedure where a landowner or entity purchases water rights from the waterbank to transfer to newly irrigated acres or other uses. (calculated in acre-feet of impact to the river and measured in acres)

3. Retirements: Transactions in which the CPNRD purchases and holds a conservation easement to the water right (ground water/surface water or co-mingled.) The water right is permanently retired.

4. Transfer To: Any procedure where a water right is moved to allow new irrigation. The instance of a “Transfer To” will occur with a purchase where a landowner purchases water from an NRD account and then transfers the water right to his/her land. A transfer to will always accompany a “Purchase” or “Transfer From.”

5. Transfer From: Procedure that designates acres or acre-feet of water rights that are to remain dry land and will offset a new use. It differs from “Purchase” in that no money is exchanged from the CPNRD Water Bank.

B. Over-Appropriated Area

Water right purchases within the over-appropriated area, or whose consumptive use changes impact the over-appropriated area, are held by permanent conservation easements for the purpose of fulfilling the obligations through State Statute. These water rights are not available for sale.

In 2018, the CPNRD acquired perpetual conservation easements on water rights in Dawson County, and the estimated accretion to the Platte River from ground water retirements using the latest COHYST offset calculator is 7.83 acre feet (ac-ft).

Over-Appropriated Zone Purchases are shown in **Table 4. Over-Appropriated Zone Retirements 2018**, along with the 2018 gains to the river.

See map in the Appendix **Attachment 2. Locations of Retirements 2018.**

Table 4. Over-Appropriated Zone Retirements 2018

Township	Range	Section	County	Acres	Surface/Ground	TransactionID	2017 ac-ft Gain to River
9	22	7	Dawson	16.5	Ground	1871	7.83
				16.50		TOTAL	7.83

C. Formulas Used for Calculating Net Depletion

CPNRD established a water bank for the purpose of encouraging and facilitating the transfer of water between users. The NRD has and will continue to purchase or account for transfers of water use using a water budget approach that nets no change in stream flows for a given time and location. CPNRD holds the transferred water uses in its water bank for the purposes of:

- (1) off-setting new or expanded water uses;
- (2) saving water to meet statutory requirements or interstate agreement obligations;
- (3) saving water to meet future incremental targets toward achieving a fully appropriated condition; or
- (4) future water sales to individuals as offsets for development of new consumptive uses of ground water within the district.

In determining the amount of accretions to the stream that will be placed into the water bank, due to the transfer of ground water or surface water uses, CPNRD and the Department will agree on the best available tools to utilize for calculating stream flow accretions (i.e. the “bankable” volumes of water). The calculations used at this time to determine the accretions to be put into the water bank are based on long-term average water budgets. The relationship of ground water pumping, and ground water recharge on stream flow accretions or depletions were established using the COHYST EMU MODFLOW ground water model. The ground water model was run for a fifty (50) year period and the percentage value for year 50 was used to determine the stream flow accretion or depletion for the water budget analysis.

The water budget analysis is an accounting process that considers the change from present water use to future water use, on a given tract of land. Present water use is computed as the net ground water withdrawal for an irrigated corn crop (Crop Irrigation Requirement (CIR) minus the precipitation recharge for irrigated corn). The future water use considers the effect on water use of the new land use, which is typically dry land corn or grassland with no irrigation net ground water withdrawal. This is negative and is equal to the ground water recharge for the dry land corn or pasture. The accretion to the Platte River is then computed as the change in net ground water withdrawal multiplied by the stream depletion percentage to obtain a number for the volume of water being supplied to the river.

The water banking analysis of water supply is consistent with the methods used to evaluate transfers as described in subsection II.C.4.d (2) of Chapter 5 of CPNRD’s IMP). Additionally, these calculations determine the timing and location of stream flow changes due to the transfer to the water bank and any impacts to existing ground water or surface water users. The following formulas are utilized to ensure the correct timing, location and quantity of the offsets:

Table 5. Net Depletions**Groundwater Transfers/Retirements**

·Present Usage assumes Irrigated Corn

$$Net\ Depletion = \% \ Depletion \times [(CIR - Recharge) \div 12] \times Acres$$

·Future Usage assumes Dryland Corn

$$Net\ Depletion = \% \ Depletion \times [(Recharge) \div 12] \times Acres$$

·Net Ground water usage = Irrigated corn depletion + dryland corn depletion

·Positive Net Groundwater Usage means increased GW Withdrawal and increased Platte River Depletion

·Negative Net Groundwater Usage means increased GW recharge and increased Platte River Stream flow

Surface Water Transfers /Retirements assuming no future ground water use.

·Current Condition Usage assumes Irrigated Corn and Current Condition Recharge:

$$SW\ Depletion = [(CIR) \div 12] \times Acres + [\% \ depletion \times (recharge / 12)] \times Acres$$

·Future Condition assumes Dryland Corn

$$Net\ Depletion = \% \ Depletion \times [(recharge) \div 12] \times Acres$$

·Net Depletion of Surface Water use = *SW Depletion* – *Dry land Condition net depletion*

Surface Water Retirements with future ground water use.

·Current Condition Usage assumes SW Irrigated Corn and Current Condition Recharge

$$SW\ Depletion = [(CIR) \div 12] \times Acres - [\% \ depletion \times (on-farm\ loss/12)] \times Acres$$

·Future Condition assumes GW irrigated Corn

$$Net\ Depletion = \% \ Depletion \times [(CIR + onfarm\ loss) \div 12] \times Acres$$

·Net Depletion of Surface Water use = *SW irrigation Depletion* – *GW irrigation net depletion*

Feedlot Conversions (Feedlot to Irrigated Corn)

·Consumptive use of cattle/day = 7 gal/day

·Total head of cattle x 365 days

$$\frac{365\ (day) \times 7\ gal/day/head}{325,851\ gal / ACFT.} \times \% \ depletion - Future\ use\ (CIR) = Future\ Net\ Depletion$$

D. Fully Appropriated Area

CPNRD has implemented certain rules within the fully appropriated area to achieve and/or maintain a balance between water uses and water supplies so that the economic viability, social and environmental health, safety, and welfare can be achieved and maintained for both near-term and long-term, considering the effects on existing surface water appropriators and ground water users.

Any person who desires to transfer the location of use of ground water from wells located within the district may do so only after applying for and obtaining approval from the CPNRD on forms provided by CPNRD. The transfer of location of use and the withdrawal of use at the new location shall be consistent with all applicable state statutes, ground water management plans and goals, and rules and regulations of the CPNRD. In addition, such transfers shall be conditioned upon and limited to transfers in which the land, where the right is transferred from, remains in dry land agricultural use. Once granted, such permits will remain in force for the period covered by the transfer or until the owners of the wells that are the subject of such transfer notify the CPNRD in writing that the permit should be cancelled, or until the CPNRD Board of Directors determine that such transfers are no longer in the best interest of the public.

E. Area with Impacts to the Platte River below Chapman

CPNRD adopted a new rule to their Rules and Regulations for Groundwater Use in Fully and Over Appropriated Areas on April 26th, 2012 in conjunction with their IMP and the Department. This new rule allows the CPNRD Board of Directors to grant variances to the CPNRD Rules and Regulations for Groundwater Use in Fully and Over Appropriated Areas for an area that impacts the Platte River below Chapman, Nebraska. These impacts will not have to be offset as long as the CPNRD or the Department determine that any of these new uses are not causing an adverse effect to the Platte River below Chapman.

The CPNRD Board established an application period of February 28th through April 15th for the year 2012, with applicants being notified of the status of their application by April 30th. For the crop years thereafter, the board has approved if applications will be taken from October 1st through November 30th with applicants being notified of the status of their application by February 1st.

The CPNRD Board of Directors can approve the new use of 2,500 acres or 250 acre feet (500 acre feet according to the Integrated Management Plan) * (*source cited below*) depletion to the Platte River. To be eligible, the applicant must be in compliance with all District regulations and programs and certify that they are in compliance with all Federal and State programs.

**2012 CPNRD/NDNR Integrated Management Plan. Chpt. 5, Section III, C., 4, (c) Variances.*

The Board of Directors established a ranking system for determining which applications would be approved, with: (1) fewer acres have a higher ranking, (2) the least depletion on the Platte River having a higher ranking, and (3) other items the CPNRD Board may determine. A non-refundable application fee of \$100 on all applications up to 10 acres and \$150 for all applications over 10 acres are and will be applied. The applications are only good for the current application period and cannot be carried over to the next year.

All existing Rules and Regulations dealing with variances and transfers apply in the area with impacts to the Platte River below Chapman except those dealing with the time that offsets are required. If the CPNRD and/or the Department determine the new uses are causing an adverse impact to existing surface water appropriators and/or groundwater users, sufficient numbers of the new uses will be required to provide offsets to the Platte River to mitigate the impacts to the long term beneficial uses.

The Board of Directors will determine a method of selecting those required to make offsets. The plan for development must be implemented during the calendar year which it was approved except for the 2012 calendar year which had to be implemented by the 2013 growing season. Any application granted is tied to the tract of land for which it was applied and is non-transferable.

F. Summary of all Waterbanking Activities

1. By the close of 2018, the CPNRD Water Bank had a balance of 2,726 acre feet of water rights available for offset in the over-appropriated area.
2. The distribution of all waterbanking activities as they correspond to the PBHEP Priority Zone Curves are shown in the *Appendix Attachment 6. Percentage Summary of Acres by Priority Zone.*
3. CPNRD policy is to allow the purchase of water rights from the fully-appropriated water bank accounts, as long as the land that the water rights are transferred to are downstream (East) or within one mile of a North/South line of the parcel to be offset. There were zero transactions involving water bank purchases in 2018.

IX. OTHER STREAM FLOW ACCRETION ACTIVITIES

CPNRD has a variety of proposed projects which may positively affect Platte River Stream flows. The following is a list of projects being studied:

1. Elm Creek Reservoir- has multiple uses including flood control, storage and release of Platte River flows for (PRRIP) purposes and recreation.
2. Rehabilitation of Surface Water Canals- Cozad, Thirty Mile, and Southside (Orchard Alfalfa). The canals will be used for their original purpose, surface water irrigation delivery; as well as for retiming Platte River flows to enhance target flows for endangered species. The retiming of Platte River flows will be accomplished by diverting flows excess to target flows to recharge the ground water system or by transferring surface water irrigation rights to instream flows, which will be diverted from the canal back to the river. A summary of these canal operations is provided in the Appendix under **Attachment 9. CPNRD 2018 Central Platte NRD Canal Operations Information.**
3. Conjunctive Water Management Studies- currently being conducted with other partners: DNR, Twin Platte NRD, and Nebraska Public Power District (NPPD) to look at surface water and ground water management options with the goal of ensuring that the supplies of surface and ground water in the Platte basin are optimized and managed efficiently with maximum benefits and minimum waste and in a manner consistent with State and local policies. The studies and analysis for these projects are not yet completed.

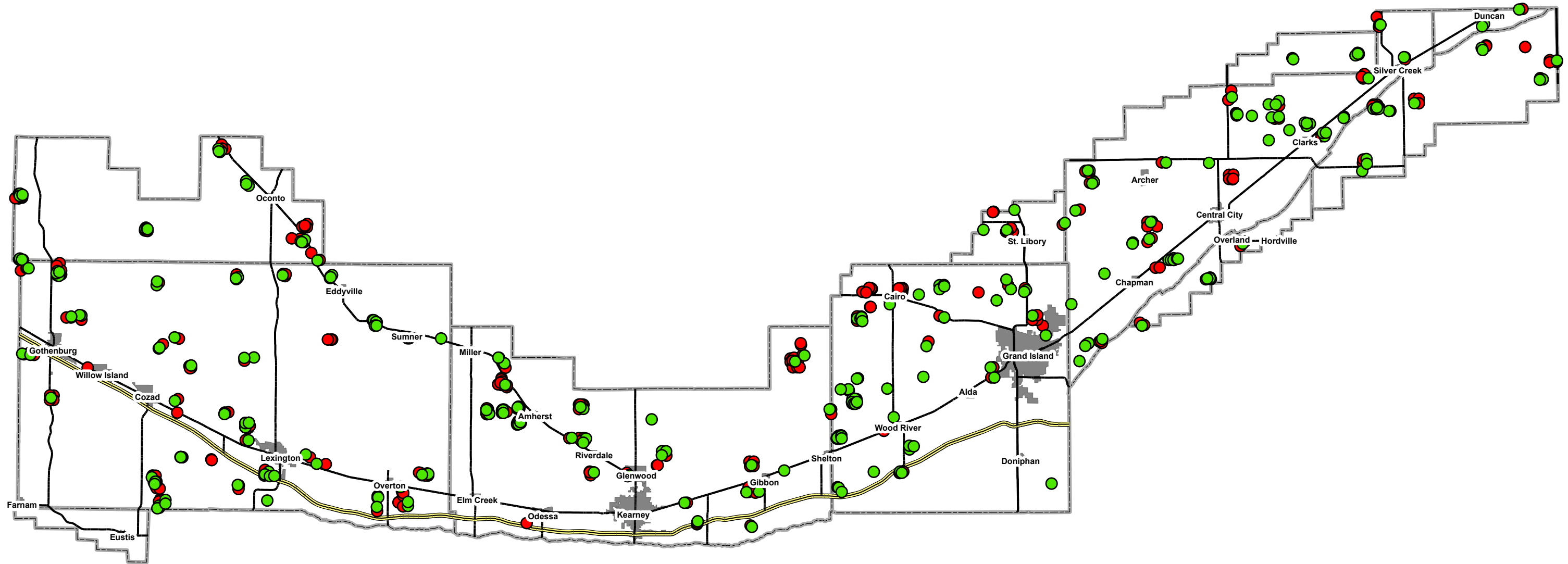
X. GROUND WATER LEVELS

The tracking and reporting of ground water levels are not required in the IMP.

XI. APPENDIX

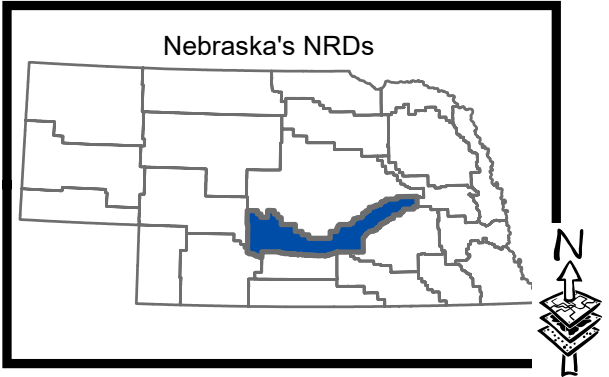
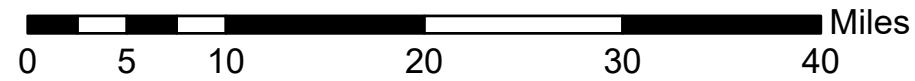
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ATTACHMENT 7.	2018 Retirements	(1 page)

Locations of Acres Transferred 2018

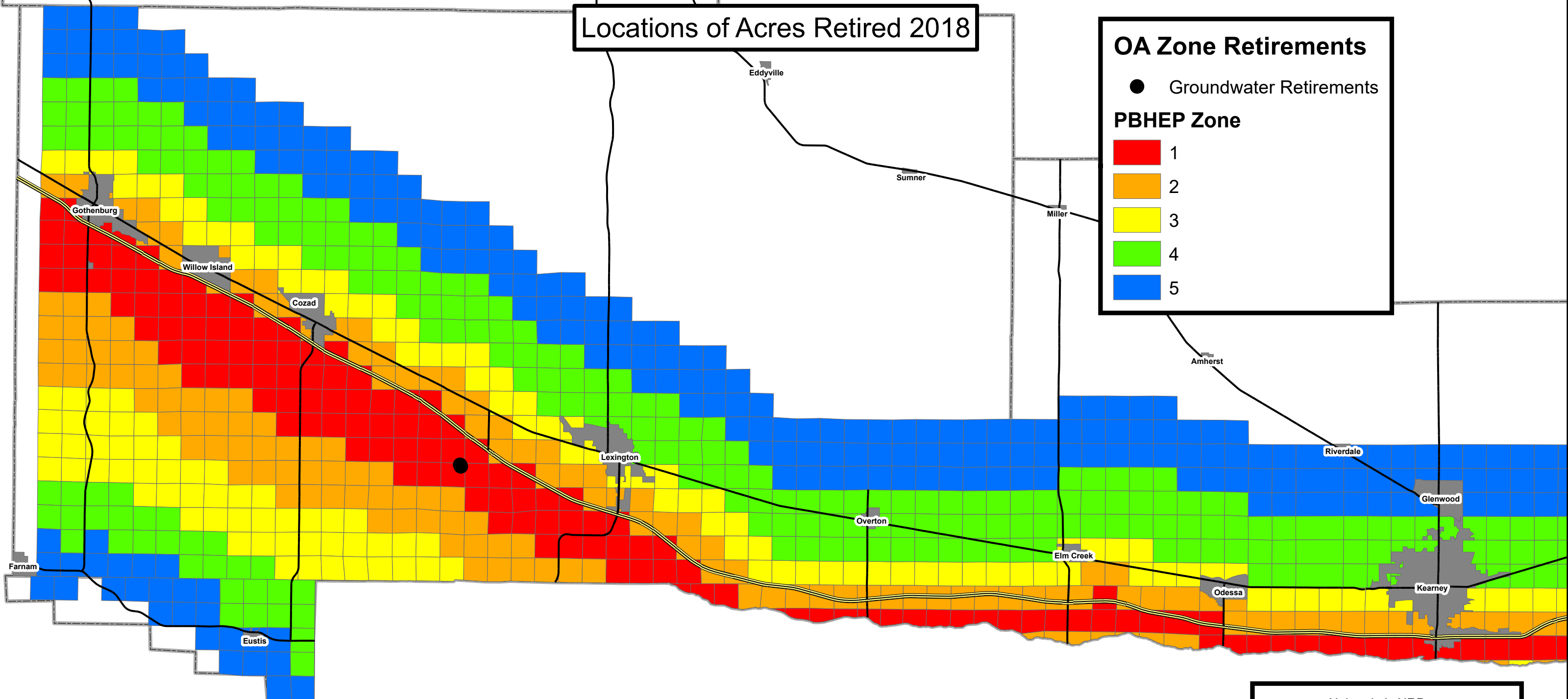


Transfers With No New Net Depletion

- Newly Irrigated Acres
- Mitigation



Locations of Acres Retired 2018

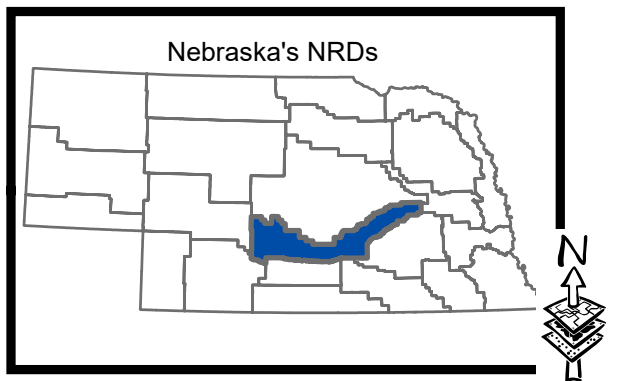
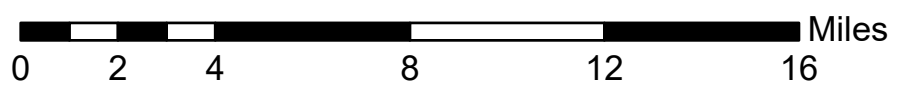


OA Zone Retirements

- Groundwater Retirements

PBHEP Zone

- 1 (Red)
- 2 (Orange)
- 3 (Yellow)
- 4 (Light Green)
- 5 (Blue)



NRD-abbrev.	NRD PermitNo	PermitDate	Implement yr	Section	Township	Range	E_W	DNR-WellRegNo	ReplacementWell	OldWell-Status	MitRespParty	AssocTransfer
CPNRD	CPRP10-18-001	1/3/2018	2018	19	10	14	W	G-061884	Y	decomm.		No New Use
CPNRD	CPRP10-18-002	2/1/2018	2018	20	9	15	W	G-009619	Y	decomm.		No New Use
CPNRD	CPSG10-18-003	2/8/2018	2018	17	9	14	W	G-184772				No New Use
CPNRD	CPSG10-18-004	2/8/2018	2018	18	9	14	W	G-184787				No New Use
CPNRD	CPRP10-18-005	2/12/2018	2018	20	9	14	W	G-098570	Y	decomm.		No New Use
CPNRD	CPNP10-18-006	2/12/2018	2018	3	8	16	W	G-184437				No New Use
CPNRD	CPSG10-18-007	3/2/2018	2018	6	8	15	W	G-184805				No New Use
CPNRD	CPRP10-18-008	3/13/2018	2018	22	9	15	W	G-040324	Y	decomm.		No New Use
CPNRD	CPRP10-18-009	3/16/2018	2018	2	8	15	W	G-027740	Y	decomm.		No New Use
CPNRD	CPRP10-18-010	3/28/2018	2018	34	9	14	W	G-008491	Y	decomm.		No New Use
CPNRD	CPSG10-18-011	4/26/2018	2018	10	8	17	W	G-185044				# 1135
CPNRD	CPRP10-18-012	5/11/2018	2018	35	10	14	W	G-013068	Y	decomm.		No New Use
CPNRD	CPRP10-18-013	6/27/2018	2018	28	10	15	W	G-027818	Y	decomm.		No New Use
CPNRD	CPRP20-18-014	7/3/2018	2018	1	9	16	W	G-051053	Y	decomm.		No New Use
CPNRD	CPRP10-18-015	7/9/2018	2018	7	9	15	W	G-052748	Y	decomm.		No New Use
CPNRD	CPSG10-18-016	11/8/2018	2019	6	9	14	W					No New Use
CPNRD	CPRP21-18-001	4/4/2018	2018	32	14	24	W	G-008313	Y	decomm.		No New Use
CPNRD	CPRP21-18-002	4/23/2018	2018	15	13	24	W	G-064113	Y	decomm.		No New Use
CPNRD	CPRP24-18-001	2/2/2018	2018	4	11	24	W	G-041263	Y	decomm.		No New Use
CPNRD	CPRP24-18-002	3/15/2018	2018	36	12	25	W	G-018970	Y	decomm.		No New Use
CPNRD	CPRP24-18-003	3/19/2018	2018	28	12	22	W	G-102439	Y	decomm.		No New Use
CPNRD	CPRP24-18-004	3/26/2018	2018	27	11	22	W	G-007784	Y	decomm.		No New Use
CPNRD	CPRP24-18-005	4/13/2018	2018	28	10	21	W	G-123488	Y	decomm.		No New Use
CPNRD	CPNP24018-006	5/17/2018	2018	32	12	23	W					No New Use
CPNRD	CPRP24-18-007	8/9/2018	2018	1	11	25	W	G-012903	Y	decomm.		stock well
CPNRD	CPRP24-18-008	8/24/2018	2018	20	12	24	W	G-015470	Y	decomm.		No New Use
CPNRD	CPRP24-18-009	9/4/2018	2018	16	11	23	W	G-001248	Y	decomm.		No New Use
CPNRD	CPRP24-18-010	12/3/2018	2018	2	9	21	W	G-006334	Y	decomm.		No New Use
CPNRD	CPSG40-18-001	3/8/2018	2018	10	12	9	W	G-185038				No New Use
CPNRD	CPNP40-18-002	3/8/2018	2018	28	11	9	W					No New Use
CPNRD	CPSG40-18-003	3/21/2018	2018	18	9	11	W	G-184938				No New Use
CPNRD	CPSG40-18-004	3/29/2018	2018	1	11	9	W	G-185805				No New Use
CPNRD	CPNP40-18-005	3/29/2018	2018	26	9	9	W	G-184852				No New Use
CPNRD	CPSG40-18-006	4/3/2018	2018	28	12	9	W	G-185642				No New Use
CPNRD	CPSG40-18-007	4/5/2018	2018	6	10	11	W	G-185938				No New Use
CPNRD	CPIN40-18-008	4/10/2018	2018	30	11	12	W	G-185040				dust suppression/temp
CPNRD	CPNP40-18-009	4/25/2018	2018	17	12	9	W	G-184917				cert. irr. Incorrectly
CPNRD	CPRP40-18-010	4/25/2018	2018	4	11	12	W	G-000659	Y	decomm.		No New Use
CPNRD	CPSG40-18-011	5/17/2018	2018	12	11	9	W	G-186206				No New Use
CPNRD	CPNP40-18-012	5/22/2018	2018	16	11	9	W	G-185350				Was City Water
CPNRD	CPRP40-18-013	6/20/2018	2018	24	9	9	W	G-144738	Y	decomm.		No New Use
CPNRD	CPRP40-18-014	7/2/2018	2018	21	12	10	W	G-128559	Y	decomm.		No New Use
CPNRD	CPRP40-18-015	8/2/2018	2018	5	11	9	W	G-014314	Y	decomm.		No New Use
CPNRD	CPRP40-18-016	8/13/2018	2018	33	9	9	W	G-065503	Y	decomm.		No New Use
CPNRD	CPRP40-18-017	8/13/2018	2018	21	9	12	W	G-016769	Y	decomm.		No New Use
CPNRD	CPRP40-18-018	9/4/2018	2018	34	11	11	W	G-012411	Y	decomm.		No New Use

NRD-abbrev.	NRD PermitNo	PermitDate	Implement yr	Section	Township	Range	E_W	DNR-WellRegNo	ReplacementWell	OldWell-Status	MitRespParty	AssocTransfer
CPNRD	CPRP40-18-019	10/9/2018	2019	28	11	10	W	G-009454	Y	decomm.		No New Use
CPNRD	CPIN40-18-020	10/22/2018	2019	13	11	11	W	G-186171				Fire Protection
CPNRD	CPRP41-18-001	6/6/2018	2018	25	12	7	W	G-020108	Y	decomm.		No New Use
CPNRD	CPRP41-18-002	9/25/2018	2019	27	12	7	W	G-076678	Y	decomm.		No New Use
CPNRRD	CPNP47-18-001	4/9/2018	2018	5	13	9	W	G-184916				# 1912
CPNRRD	CPNP47-18-002	5/2/2018	2018	14	13	10	W	G-185643				# 1877
CPNRRD	CPRP47-18-003	11/21/2018	2019	12	13	10	W	G-061826	Y	decomm.		No New Use
CPNRD	CPSG61-18-001	1/9/2018	2018	24	14	6	W	G-185008				No New Use
CPNRD	CPMU61-18-002	3/12/2018	2018	11	13	6	W					No New Use
CPNRD	CPRP61-18-003	3/15/2018	2018	17	14	8	W	G-039816	Y	decomm.		No New Use
CPNRD	CPSG61-18-004	3/21/2018	2018	28	15	5	W	G-185641				No New Use
CPNRD	CPSG61-18-005	3/21/2018	2018	28	15	5	W	G-185640				No New Use
CPNRD	CPSG61-18-006	3/21/2018	2018	33	13	8	W					# 189
CPNRD	CPRP61-18-007	3/30/2018	2018	6	12	8	W	G-018504	Y	decomm.		No New Use
CPNRD	CPSG61-18-008	4/2/2018	2018	15	14	7	W	G-184929				No New Use
CPNRD	CPSG61-18-009	4/2/2018	2018	15	14	7	W	G-184928				No New Use
CPNRD	CPRP61-18-010	4/2/2018	2018	32	15	4	W	G-049778	Y	decomm.		No New Use
CPNRD	CPRP61-18-011	4/2/2018	2018	34	15	7	W	G-016827	Y	decomm.		No New Use
CPNRD	CPSG61-18-012	5/1/2018	2018	15	14	7	W					No New Use
CPNRD	CPSG61-18-013	5/1/2018	2018	15	14	7	W	G-184987				No New Use
CPNRD	CPSG61-18-014	5/1/2018	2018	15	14	7	W	G-184932				No New Use
CPNRD	CPSG61-19-015	5/1/2018	2018	15	14	7	W	G-184979				No New Use
CPNRD	CPSG61-18-016	4/30/2018	2018	20	13	8	W	G-185716				No New Use
CPNRD	CPSG61-18-017	5/2/2018	2018	33	15	5	W	G-185042				No New Use
CPNRD	CPSG61-18-018	5/27/2018	2018	21	13	7	W					# 1913
CPNRD	CPRP61-18-019	7/9/2018	2018	2	15	5	W	G-029218	Y	decomm.		No New Use
CPNRD	CPRP61-18-020	7/17/2018	2018	16	14	7	W	G-054274A	Y	decomm.		No New Use
CPNRD	CPRP61-18-021	9/26/2018	2018	15	15	5	W	G-105260	Y	decomm.		No New Use
CPNRD	CPSG61-18-022	11/5/2018	2019	17	15	5	W					No New Use
CPNRD	CPRP61-18-023	12/19/2018	2019	5	12	8	W	G-001790				No New Use
CPNRD	CPSG72-18-001	5/11/2018	2018	32	14	4	W	G-185080				No New Use
CPNRD	CPRP72-18-002	6/11/2018	2018	23	16	2	W	G-019467	Y	decomm.		No New Use

	G	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	NRD_PermitNo	PermittedDate	ImplementYear	NU_SECTION	NU_TOWNSHIP	NU_RANGE	NU_E_W	TWNRNGSECT	NU_CropLvstck	NU_ZoneCurveNo	NU_Annual_CU	NU_DNR_WellRegNo	Well_ID_As	NU_TransferAcres	AssocWellPermit	AssocVar	FIELD_ID
2	1839	2018-01-15	2018	28	14	8W	W	14828	1	0	-1.536680661			5.50745409			1408W28A0003
3	1839	2018-01-15	2018	28	14	8W	W	14828	1	0	-0.567177528			2.03276079			1408W28A0002
4	1840	2018-01-15	2018	10	10	25W	W	102510	1	2	-2.388983258			6.97238536			1025W10B0003
5	1841	2018-01-15	2018	7	10	16W	W	10167	1	0	-1.282522191			3.2930499			1016W07C0004
6	1841	2018-01-15	2018	7	10	16W	W	10167	1	0	-0.521750685			1.33966574			1016W07C0005
7	1842	2018-01-15	2018	30	10	16W	W	101630	1	0	-0.918675485			2.75632965			1016W30D0003
8	1843	2018-01-15	2018	3	11	9W	W	1193	1	5	-0.24689033			0.7739064			1109W03D0001
9	1844	2018-01-16	2018	5	9	15W	W	9155	1	5	-1.841963068			5.38819391			0915W05A0002
10	1844	2018-01-16	2018	5	9	15W	W	9155	1	5	-2.059158935			6.02354511			0915W05A0003
11	1844	2018-01-16	2018	5	9	15W	W	9155	1	5	-1.995555587			5.83748971			0915W05A0004
12	1845	2018-01-16	2018	25	10	17W	W	101725	1	0	-2.173625279			6.5222292			1017W25D0003
13	1852	2018-02-28	2018	18	9	21W	W	92118	1	2	-1.053084961			2.19524186			0921W18B0005
14	1852	2018-02-28	2018	18	9	21W	W	92118	1	2	-0.800019741			1.66770668			0921W18D0002
15	1852	2018-02-28	2018	18	9	21W	W	92118	1	2	-0.469890713			0.97952568			0921W18D0003
16	1855	2018-02-28	2018	35	13	7W	W	13735	1	3	-0.381764266			1.52194839			1307W35C0004
17	1855	2018-02-28	2018	35	13	7W	W	13735	1	3	-0.732255736			2.91922408			1307W35C0005
18	1855	2018-02-28	2018	35	13	7W	W	13735	1	3	-0.545377689			2.17421265			1307W35D0006
19	1855	2018-02-28	2018	35	13	7W	W	13735	1	3	-0.33138637			1.32111095			1307W35D0007
20	1855	2018-02-28	2018	35	13	7W	W	13735	1	3	-0.209413886			0.83485322			1307W35D0008
21	1856	2018-02-28	2018	15	9	19W	W	91915	1	4	-1.370334605			3.90240097			0919W15A0002
22	1856	2018-02-28	2018	15	9	19W	W	91915	1	4	-0.503132362			1.43280642			0919W15B0001
23	1857	2018-02-28	2018	23	16	2W	W	16223	1	2	-1.368686282			3.54588828			1602W23D0003
24	1857	2018-02-28	2018	23	16	2W	W	16223	1	2	-0.890171225			2.30618788			1602W23D0004
25	1860	2018-03-02	2018	15	10	18W	W	101815	1	0	-0.16408733			0.45766269			1018W15A0004
26	1859	2018-03-02	2018	15	10	18W	W	101815	1	0	-0.63893049			1.78206719			1018W15A0003
27	1861	2018-03-02	2018	13	10	18W	W	101813	1	0	-0.013487432			0.03822255			1018W13B0003
28	1861	2018-03-02	2018	13	10	18W	W	101813	1	0	-0.089120268			0.25256134			1018W13B0004
29	1861	2018-03-02	2018	13	10	18W	W	101813	1	0	-5.452915255			15.45322539			1018W13B0005
30	1862	2018-03-02	2018	8	9	13W	W	9138	1	4	-18.10609966			41.68670598			0913W08C0003
31	1868	2018-03-13	2018	22	9	22W	W	92222	1	1	-1.093126792			3.00414786			0922W22C0003
32	1869	2018-03-13	2018	19	12	8W	W	12819	1	4	-3.975877342			13.08388791			1208W19C0003
33	1870	2018-03-13	2018	19	10	17W	W	101719	1	0	-6.198843688			17.82848014			1017W19A0002
34	1870	2018-03-13	2018	19	10	17W	W	101719	1	0	-0.130424331			0.37511312			1017W19A0003
35	1872	2018-03-13	2018	24	12	12W	W	121224	1	0	-1.367377182			4.2371811			1212W24D0003
36	1872	2018-03-13	2018	24	12	12W	W	121224	1	0	-0.879132593			2.72422566			1212W24D0004
37	1873	2018-03-13	2018	13	12	10W	W	121013	1	0	-1.849086033			3.6258307			1210W13B0003
38	1874	2018-03-13	2018	33	12	12W	W	121233	1	0	-2.828999836			10.2505565			1212W33A0002
39	1875	2018-03-13	2018	10	11	11W	W	111110	1	0	-0.401980453			1.12093784			1111W10C0004
40	1877	2018-03-19	2018	14	13	10W	W	131014	1	0	-32.99089188			64.3044034			1310W14C0001
41	1878	2018-03-22	2018	34	9	15W	W	91534	1	4	-0.46387599			1.37496681			0915W34A0002
42	1879	2018-04-03	2018	17	11	23W	W	112317	1	4	-3.494061811			8.75691912			1123W17A0002
43	1880	2018-04-03	2018	36	12	25W	W	122536	1	4	-1.052146479			2.71099573			1225W36A0004
44	1880	2018-04-03	2018	36	12	25W	W	122536	1	4	-0.612770077			1.57888383			1225W36A0005
45	1881	2018-04-03	2018	8	12	6W	W	1268	1	3	-0.173472893			0.76914753			1206W08D0004
46	1881	2018-04-03	2018	8	12	6W	W	1268	1	3	-0.787303489			3.49076172			1206W08D0003
47	1882	2018-04-03	2018	22	11	22W	W	112222	1	0	-0.614766527			1.55440663			1122W22A0002
48	1883	2018-04-03	2018	8	12	21W	W	12218	1	0	-3.162118389			7.66109846			1221W08A0002
49	1884	2018-04-03	2018	34	15	5W	W	15534	1	4	-1.225774129			5.01339112			1505W34A0005
50	1884	2018-04-03	2018	16	15	5W	W	15516	1	5	-0.34470229			1.33754587			1505W16A0004
51	1885	2018-04-04	2018	26	11	23W	W	112326	1	4	-2.475684676			6.26386918			1123W26A0003
52	1886	2018-04-04	2018	8	11	19W	W	11198	1	0	-1.136369184			2.72522577			1119W08A0003
53	1887	2018-04-04	2018	35	10	22W	W	102235	1	3	-0.537922142			1.43544791			1022W35B0004
54	1888	2018-04-04	2018	13	13	9W	W	13913	1	0	-0.406425509			1.42149897			1309W13A0002
55	1889	2018-04-04	2018	10	11	8W	W	11810	1	1	-3.163737686			6.79881452			1108W10B0002
56	1890	2018-04-04	2018	32	12	7W	W	12732	1	2	-0.867568339			3.43485995			1207W32C0001

	G	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	NRD_PermitNo	PermittedDate	ImplementYear	NU_SECTION	NU_TOWNSHIP	NU_RANGE	NU_E_W	TWNRNGSECT	NU_CropLvstck	NU_ZoneCurveNo	NU_Annual_CU	NU_DNR_WellRegNo	Well_ID_As	NU_TransferAcres	AssocWellPermit	AssocVar	FIELD_ID
57	1891	2018-04-04	2018	25	13	6W	W	13625	1	3	-0.540268635			2.46716783			1306W25B0004
58	1892	2018-04-04	2018	21	14	8W	W	14821	1	0	-0.702131548			2.50089895			1408W21A0002
59	1892	2018-04-04	2018	21	14	8W	W	14821	1	0	-0.122352565			0.43580352			1408W21B0003
60	1893	2018-04-04	2018	35	12	11W	W	121135	1	0	-0.379910599			1.30640639			1211W35A0002
61	1893	2018-04-04	2018	35	12	11W	W	121135	1	0	-0.163785742			0.5632134			1211W35A0004
62	1894	2018-04-04	2018	23	12	10W	W	121023	1	0	-0.685289775			1.90391325			1210W23C0004
63	1895	2018-04-06	2018	4	16	1W	W	1614	1	1	-0.878647495			2.12618016			1601W04B0005
64	1897	2018-04-10	2018	23	13	21W	W	132123	1	0	-3.056211605			7.21058298			1321W23C0003
65	1898	2018-04-11	2018	24	11	18W	W	111824	1	0	-0.440682284			1.12936576			1118W24C0002
66	1900	2018-04-12	2018	17	12	23W	W	122317	1	0	-0.753044196			1.87118457			1223W17B0002
67	1900	2018-04-12	2018	8	12	23W	W	12238	1	0	-2.227646932			5.52764845			1223W08C0001
68	1901	2018-04-13	2018	31	9	21W	W	92131	1	2	-0.934430061			2.69637228			0921W31B0002
69	1902	2018-04-16	2018	27	15	4W	W	15427	1	1	-0.285809714			1.16466085			1504W27B0002
70	1903	2018-04-18	2018	33	12	9W	W	12933	1	5	-1.086382692			3.75831855			1209W33A0003
71	1904	2018-04-19	2018	27	11	10W	W	111027	1	5	-1.142221489			4.03335105			1110W27B0002
72	1905	2018-04-19	2018	20	15	3W	W	15320	1	3	-0.424446005			1.06899888			1503W20D0002
73	1906	2018-04-19	2018	7	10	17W	W	10177	1	0	-2.10485084			5.94725034			1017W07D0004
74	1907	2018-04-19	2018	18	9	11W	W	91118	1	1	-6.780280497			15.3141311			0911W18A0002
75	1907	2018-04-19	2018	18	9	11W	W	91118	1	1	-0.283444924			0.64019663			0911W18A0003
76	1909	2018-04-19	2018	19	9	12W	W	91219	1	2	-0.372672059			1.34892926			0912W19D0002
77	1909	2018-04-19	2018	19	9	12W	W	91219	1	2	-0.308495684			1.11663551			0912W19D0003
78	1910	2018-04-19	2018	31	13	25W	W	132531	1	0	-2.214225756			6.46745767			1325W31D0004
79	1910	2018-04-19	2018	31	13	25W	W	132531	1	0	-1.056072302			3.08464613			1325W31D0005
80	1913	2018-04-19	2018	21	13	7W	W	13721	1	4	-0.46068043			2.12592301			1307W21C0001
81	1914	2018-04-19	2018	36	16	1W	W	16136	1	3	-0.470673953			2.81999702			1601W36A0003
82	1911	2018-04-19	2018	32	10	11W	W	101132	1	4	-1.518354218			5.68785607			1011W32D0002
83	1911	2018-04-19	2018	32	10	11W	W	101132	1	4	-0.797280971			2.98666764			1011W32D0003
84	1911	2018-04-19	2018	32	10	11W	W	101132	1	4	-2.147518882			8.04474882			1011W32D0004
85	1911	2018-04-19	2018	14	9	12W	W	91214	1	2	-0.933351041			3.50593885			0912W14B0002
86	1912	2018-04-19	2018	5	13	9W	W	1395	1	0	-24.06334019			47.80321198			1309W05C0001
87	1915	2018-04-20	2018	7	16	3W	W	1637	1	0	-7.464272038			15.80166508			1603W07A0002
88	1917	2018-04-26	2018	12	9	21W	W	92112	1	4	-1.064557113			3.02377309			0921W12B0002
89	1918	2018-04-26	2018	22	9	14W	W	91422	1	4	-1.183592421			2.65649484			0914W22D0003
90	1919	2018-05-02	2018	32	15	4W	W	15432	1	2	-0.859999362			3.51291383			1504W32C0002
91	1919	2018-05-02	2018	32	15	4W	W	15432	1	2	-0.20941526			0.85541664			1504W32C0004
92	1919	2018-05-02	2018	32	15	4W	W	15432	1	2	-0.10305868			0.42097271			1504W32C0005
93	1920	2018-05-02	2018	15	14	7W	W	14715	1	0	-0.799793682			3.04356728			1407W15A0001
94	1921	2018-05-02	2018	26	16	5W	W	16526	1	5	-0.364565917			1.42518048			1605W26B0002
95	1922	2018-05-02	2018	8	14	22W	W	14228	1	0	-3.984390802			9.49968799			1422W08A0003
96	1922	2018-05-02	2018	8	14	22W	W	14228	1	0	-0.253101736			0.60345173			1422W08A0002
97	1922	2018-05-02	2018	8	14	22W	W	14228	1	0	-0.211226003			0.50361052			1422W08A0004
98	1923	2018-05-03	2018	13	10	13W	W	101313	1	5	-0.769059562			1.65418205			1013W13A0003
99	1924	2018-05-09	2018	10	12	22W	W	122210	1	0	-1.591654729			3.88393194			1222W10B0002
100	1924	2018-05-09	2018	10	12	22W	W	122210	1	0	-0.033108515			0.0807909			1222W10B0003
101	1925	2018-05-09	2018	35	12	25W	W	122535	1	4	-0.772168858			1.99717351			1225W35A0002
102	1926	2018-05-11	2018	10	11	23W	W	112310	1	5	-0.55408241			1.38733906			1123W10B0003
103	1927	2018-05-14	2018	14	15	3W	W	15314	1	3	-1.603615372			4.03498845			1503W14C0002
104	1928	2018-05-16	2018	34	11	10W	W	111034	1	4	-0.329332679			1.17579271			1110W34A0002
105	1929	2018-05-17	2018	35	12	20W	W	122035	1	0	-0.791157436			1.79911412			1220W35B0002
106	1930	2018-05-21	2018	17	12	9W	W	12917	1	0	-3.233452656			6.34166794			1209W17D0003
107	1930	2018-05-21	2018	17	12	9W	W	12917	1	0	-6.448819474			12.6478647			1209W17D0004
108	1931	2018-05-24	2018	16	10	22W	W	102216	1	4	-0.235450629			0.46205899			1022W16C0003
109	1931	2018-05-24	2018	16	10	22W	W	102216	1	4	-0.033468453			0.06568001			1022W16C0005
110	1932	2018-05-29	2018	10	12	25W	W	122510	1	5	-0.94244969			2.42524887			1225W10A0002
111	1932	2018-05-29	2018	10	12	25W	W	122510	1	5	-1.065875784			2.74286688			1225W10A0003

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113	1934	2018-05-29	2018	17	15	5W	W	15517	1	5	-0.215630183			0.84217107			1505W17D0003
114	1935	2018-05-29	2018	19	15	5W	W	15519	1	5	-0.741626514			2.90640167			1505W19C0003
115	1936	2018-05-30	2018	9	10	12W	W	10129	1	5	-2.357344257			6.03104436			1012W09B0002
116	1936	2018-05-30	2018	9	10	12W	W	10129	1	5	-2.234050447			5.7156087			1012W09B0003
117	1936	2018-05-30	2018	9	10	12W	W	10129	1	5	-1.867460814			4.77772348			1012W09B0004
118	1936	2018-05-30	2018	9	10	12W	W	10129	1	5	-1.896993367			4.85327975			1012W09B0005
119	1936	2018-05-30	2018	9	10	12W	W	10129	1	5	-0.426263923			1.0905563			1012W09B0006
120	1936	2018-05-30	2018	9	10	12W	W	10129	1	5	-0.364952102			0.93369575			1012W09B0007
121	1936	2018-05-30	2018	9	10	12W	W	10129	1	5	-0.122352056			0.31302627			1012W09B0008
122	1936	2018-05-30	2018	9	10	12W	W	10129	1	5	-0.152079704			0.38908167			1012W09B0009
123	1936	2018-05-30	2018	9	10	12W	W	10129	1	5	-0.304235142			0.7783571			1012W09B0010
124	1937	2018-05-31	2018	16	14	6W	W	14616	1	5	-10.87282321			38.54756732			1406W16B0002
125	1938	2018-05-31	2018	27	16	3W	W	16327	1	2	-0.473550032			1.92905166			1603W27C0004
126	1939	2018-06-08	2018	36	13	21W	W	132136	1	0	-1.925908792			4.59998159			1321W36D0006
127	1940	2018-06-11	2018	13	14	4W	W	14413	1	4	-0.248260009		G-010968	1.15477828			1404W13B0003
128	1940	2018-06-11	2018	13	14	4W	W	14413	1	4	-1.530995677		G-010968	7.12140697			1404W13C0001
129	1941	2018-06-13	2018	30	13	7W	W	13730	1	4	-0.498048381		G-006001	1.58721549			1307W30A0003
130	1942	2018-06-19	2018	33	12	12W	W	121233	1	0	-3.031698523			10.98501195			1212W33A0003
131	1942	2018-06-19	2018	33	12	12W	W	121233	1	0	-0.097341626			0.35270622			1212W33A0004
132	1942	2018-06-19	2018	33	12	12W	W	121233	1	0	-0.006540789			0.0236998			1212W33A0005
133	1942	2018-06-19	2018	34	12	12W	W	121234	1	0	-2.683935056			9.70389294			1212W34C0002
134	1943	2018-06-19	2018	18	10	11W	W	101118	1	5	-1.298486789			5.40044206			1011W18C0003
135	1944	2018-06-19	2018	23	10	22W	W	102223	1	4	-2.027664822			3.98421147			1022W23C0002
136	1944	2018-06-19	2018	23	10	22W	W	102223	1	4	-1.82580764			3.58757703			1022W23C0003
137	1944	2018-06-19	2018	23	10	22W	W	102223	1	4	-1.431240622			2.81228201			1022W23C0004
138	1945	2018-06-19	2018	23	10	22W	W	102223	1	4	-2.027664822			3.98421147			1022W23C0002
139	1945	2018-06-19	2018	23	10	22W	W	102223	1	4	-1.82580764			3.58757703			1022W23C0003
140	1945	2018-06-19	2018	23	10	22W	W	102223	1	4	-1.431240622			2.81228201			1022W23C0004
141	1948	2018-06-19	2018	23	10	22W	W	102223	1	4	-2.027664822			3.98421147			1022W23C0002
142	1948	2018-06-19	2018	23	10	22W	W	102223	1	4	-1.82580764			3.58757703			1022W23C0003
143	1948	2018-06-19	2018	23	10	22W	W	102223	1	4	-1.431240622			2.81228201			1022W23C0004
144	1949	2018-06-22	2018	31	14	25W	W	142531	1	0	-0.555920332			1.59386541			1425W31C0003
145	1949	2018-06-22	2018	31	14	25W	W	142531	1	0	-0.355369009			1.01886968			1425W31D0001
146	1949	2018-06-22	2018	31	14	25W	W	142531	1	0	-0.33858279			0.97074233			1425W31D0003
147	1949	2018-06-22	2018	31	14	25W	W	142531	1	0	-1.941724728			5.56707086			1425W31D0002
148	1950	2018-06-25	2018	19	11	25W	W	112519	1	0	-1.841539695			5.75320844			1125W19B0002
149	1951	2018-06-25	2018	20	11	25W	W	112520	1	1	-1.950303525			5.33957913			1125W20B0002
150	1952	2018-06-25	2018	25	9	20W	W	92025	1	4	-0.983985412			2.61449662			0920W25C0002
151	1953	2018-06-25	2018	32	9	19W	W	91932	1	3	-0.955077449			2.61045221			0919W32A0002
152	1953	2018-06-25	2018	32	9	19W	W	91932	1	3	-1.054609265			2.88249617			0919W32A0003
153	1954	2018-07-03	2018	33	9	23W	W	92333	1	3	-0.963584976			2.95825491			0923W33B0002
154	1954	2018-07-03	2018	33	9	23W	W	92333	1	3	-0.964930244			2.96238495			0923W33B0003
155	1955	2018-07-03	2018	17	9	23W	W	92317	1	2	-0.697392639			2.19497404			0923W17C0002
156	1956	2018-07-03	2018	20	9	23W	W	92320	1	3	-0.957088355			6.93999085			0923W20B0001
157	1956	2018-07-03	2018	20	9	23W	W	92320	1	3	-0.18352986			1.33080247			0923W20C0002
158	1957	2018-07-03	2018	23	11	18W	W	111823	1	0	-0.300211407			0.79482336			1118W23A0003
159	1958	2018-07-09	2018	31	10	16W	W	101631	1	0	-1.359207181			4.12950882			1016W31B0002
160	1959	2018-07-09	2018	14	9	16W	W	91614	1	5	-1.857240786			5.70487412			0916W14B0002
161	1962	2018-07-09	2018	18	13	9W	W	13918	1	0	-3.20305958			10.32831338			1309W18C0001
162	1960	2018-07-09	2018	18	9	16W	W	91618	1	5	-2.928252008			8.99651141			0916W18A0003
163	1961	2018-07-09	2018	28	15	5W	W	15528	1	4	-10.39648245			35.35176406			1505W28B0001
164	1961	2018-07-09	2018	28	15	5W	W	15528	1	4	-1.090651047			3.7086042			1505W28A0003
165	1963	2018-07-11	2018	21	11	13W	W	111321	1	0	-19.04275309			50.86477132			1113W21A0002
166	1965	2018-07-12	2018	26	14	22W	W	142226	1	0	-1.880008879			4.44302119			1422W26A0004

	G	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	NRD_PermitNo	PermittedDate	ImplementYear	NU_SECTION	NU_TOWNSHIP	NU_RANGE	NU_E_W	TWNRNGSECT	NU_CropLvstck	NU_ZoneCurveNo	NU_Annual_CU	NU_DNR_WellRegNo	Well_ID_As	NU_TransferAcres	AssocWellPermit	AssocVar	FIELD_ID
167	1969	2018-07-13	2018	10	10	23W	W	102310	1	3	-0.447756562			1.13855229			1023W10B0002
168	1970	2018-07-13	2018	20	9	19W	W	91920	1	4	-1.709251795			4.88958376			0919W20C0003
169	1971	2018-07-13	2018	23	9	14W	W	91423	1	4	-1.084940472			3.21270288			0914W23D0003
170	1972	2018-07-17	2018	15	11	13W	W	111315	1	0	-13.16443625			37.99177869			1113W15C0002
171	1973	2018-07-17	2018	5	13	8W	W	1385	1	0	-1.716227886			3.48895356			1308W05C0002
172	1974	2018-07-18	2018	3	9	21W	W	9213	1	4	-1.499785343			4.16054227			0921W03D0002
173	1975	2018-07-25	2018	18	13	23W	W	132318	1	0	-1.464705896			3.61539727			1323W18D0003
174	1975	2018-07-25	2018	18	13	23W	W	132318	1	0	-2.03839319			5.03145457			1323W18D0004
175	1975	2018-07-25	2018	17	13	23W	W	132317	1	0	-0.008845244			0.02173657			1323W17C0001
176	1976	2018-07-25	2018	8	11	8W	W	1188	1	2	-0.603472126			1.20370228			1108W08D0002
177	1979	2018-08-02	2018	14	15	6W	W	15614	1	0	-5.033741751			10.78479842			1506W14B0003
178	1980	2018-09-06	2018	35	12	20W	W	122035	1	0	-0.377711193			0.85892581			1220W35D0009
179	1980	2018-09-06	2018	35	12	20W	W	122035	1	0	-0.698202514			1.58773203			1220W35D0010
180	1980	2018-09-06	2018	35	12	20W	W	122035	1	0	-0.681886039			1.55062791			1220W35D0011
181	1981	2018-09-27	2018	1	8	15W	W	8151	1	3	-0.81406284			2.2689078			0815W01C0003
182	1982	2018-10-11	2018	36	11	18W	W	111836	1	0	-8.052547015			22.1061869			1118W36C0001
183	1983	2018-10-18	2018	2	15	1W	W	1512	1	3	-0.179855009			1.07093207			1501W02D0002
184	1983	2018-10-18	2018	2	15	1W	W	1512	1	3	-0.06365841			0.37904884			1501W02C0003
185	1984	2018-10-19	2018	19	15	3W	W	15319	1	1	-2.82595031			7.12222452			1503W19B0002
186	1984	2018-10-19	2018	19	15	3W	W	15319	1	1	-0.285389665			0.71926575			1503W19B0004
187	1984	2018-10-19	2018	19	15	3W	W	15319	1	1	-1.100668503			2.7740078			1503W19A0003
188	1984	2018-10-19	2018	19	15	3W	W	15319	1	1	-0.237654124			0.59895817			1503W19B0003
189	1985	2018-10-29	2018	16	13	7W	W	13716	1	5	-1.713805373			5.67749985			1307W16B0001
190	1986	2018-11-01	2018	35	9	20W	W	92035	1	3	-0.433839252			1.15912762			0920W35D0003
191	1987	2018-12-19	2018	6	12	25W	W	12256	1	0	-1.907112636			5.57582287			1225W06D0003
192	1988	2018-12-20	2018	16	15	5W	W	15516	1	5	-0.415506702			1.61228773			1505W16D0003
193	1990	2018-12-27	2018	11	9	14W	W	91411	1	4	-7.068273389		250519	15.3017495			0914W11B0002
194	1991	2018-12-27	2018	1	15	4W	W	1541	1	2	-0.516801737		17741	1.80321611			1504W01A0004
195	1992	2018-12-27	2018	26	16	4W	W	16426	1	4	-0.148151407		101838	0.59147591			1604W26A0002
196	1993	2018-12-27	2018	26	16	4W	W	16426	1	4	-0.107462788		83429	0.4290317			1604W26B0002
197	1993	2018-12-27	2018	26	16	4W	W	16426	1	4	-0.201664605		83428	0.80512064			1604W26A0003
198	1994	2018-12-27	2018	22	13	21W	W	132122	1	0	-6.844622811		45699	16.08988298			1321W22D0002
199	1994	2018-12-27	2018	23	13	21W	W	132123	1	0	-5.415230003		45699	12.77626367			1321W23C0004
200	1995	2018-12-27	2018	1	10	12W	W	10121	1	5	-3.279389458		42417	8.38013043			1012W01B0002
201	1995	2018-12-27	2018	33	11	12W	W	111233	1	0	-1.273381501		166717	4.44248049			1112W33A0002
202	1995	2018-12-27	2018	33	11	12W	W	111233	1	0	-0.430349732		166717	1.50137275			1112W33A0004
203	1995	2018-12-27	2018	12	12	10W	W	121012	1	0	-2.056852463		67578	4.0294623			1210W12C0002
204	1995	2018-12-27	2018	11	8	14W	W	81411	1	1	-1.345612397		68622	2.52398946			0814W11B0005
205	1996	2018-12-27	2018	6	10	12W	W	10126	1	0	-1.562022504			5.47362659			1012W06A0002
206	1997	2018-12-27	2018	14	12	11W	W	121114	1	0	-1.521786662		18630	4.70144326			1211W14A0002
207	1997	2018-12-27	2018	14	12	11W	W	121114	1	0	-1.474995279		18630	4.55688487			1211W14A0003
208	1997	2018-12-27	2018	14	12	11W	W	121114	1	0	-1.174515195		18630	3.62857468			1211W14A0004
209	1997	2018-12-27	2018	14	12	11W		121114	1	0	-0.122637145		18630	0.37887806			1211W14A0005

NRD_PermitNo	PermittedDate	ImplemrentYear	Section	Township	Range	E_W	TWNRNGSECT	CropLvstck	ZoneCurveNo	Annual_CU	DNR_WellRegNo	Well_Id_As	TransferAcres	AssocWellPermit	AssocVar	FIELD_ID
1839	2018-01-15	2018	28	14	8W	W	14828	18	0	1.479849317			5.3037709			1408W28A0001
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1840	2018-01-15	2018	10	10	25W	W	102510	18	2	0.406557852			1.18656253			1025W10B0001
1840	2018-01-15	2018	10	10	25W	W	102510	18	2	0.489924371			1.42987252			1025W10B0001
1840	2018-01-15	2018	10	10	25W	W	102510	18	2	0.540649489			1.5779167			1025W10B0001
1840	2018-01-15	2018	10	10	25W	W	102510	18	2	0.950922077			2.7753209			1025W10B0001
1841	2018-01-15	2018	7	10	16W	W	10167	18	0	0.625932087			1.60716564			1016W07C0003
1841	2018-01-15	2018	7	10	16W	W	10167	18	0	0.487311209			1.25123771			1016W07C0003
1841	2018-01-15	2018	7	10	16W	W	10167	18	0	0.416207029			1.06866807			1016W07C0002
1841	2018-01-15	2018	7	10	16W	W	10167	18	0	0.177348166			0.4553655			1016W07C0002
1841	2018-01-15	2018	7	10	16W	W	10167	18	0	0.099284042			0.25492526			1016W07C0003
1842	2018-01-15	2018	30	10	16W	W	101630	18	0	0.938296486			2.81519913			1016W30D0002
1843	2018-01-15	2018	3	11	9W	W	1193	18	5	0.247084778			0.77451592			1109W03A0001
1844	2018-01-16	2018	8	9	15W	W	9158	18	5	4.003911434			11.71190942			0915W08B0001
1844	2018-01-16	2018	5	9	15W	W	9155	18	5	0.302279219			0.88424088			0915W05A0001WB
1845	2018-01-16	2018	25	10	17W	W	101725	18	0	2.16828958			6.50621878			1017W25D0001
1852	2018-02-28	2018	13	9	22W	W	92213	18	1	0.544095364			0.99612701			0922W13A0001
1852	2018-02-28	2018	18	9	21W	W	92118	18	2	1.679055791			3.50012933			0921W18B0002
1852	2018-02-28	2018	18	9	21W	W	92118	18	2	0.092795711			0.19344026			0921W18B0004
1855	2018-02-28	2018	4	12	7W	W	1274	18	3	1.468618125			5.5868609			1207W04A0001
1855	2018-02-28	2018	4	12	7W	W	1274	18	3	1.004828837			3.82253143			1207W04A0001
1856	2018-02-28	2018	15	9	19W	W	91915	18	4	0.556147183			1.58378056			0919W15C0003
1856	2018-02-28	2018	15	9	19W	W	91915	18	4	0.140223021			0.39932324			0919W15A0001
1856	2018-02-28	2018	15	9	19W	W	91915	18	4	0.125161073			0.35643024			0919W15A0001
1856	2018-02-28	2018	15	9	19W	W	91915	18	4	0.26132759			0.74420148			0919W15A0001
1856	2018-02-28	2018	15	9	19W	W	91915	18	4	0.060584401			0.17253058			919W15-204564
1856	2018-02-28	2018	15	9	19W	W	91915	18	4	0.041753668			0.11890494			919W15-204563
1856	2018-02-28	2018	15	9	19W	W	91915	18	4	0.062574272			0.17819728			0919W15C0001
1856	2018-02-28	2018	15	9	19W	W	91915	18	4	0.388665227			1.10683008			0919W15C0001
1856	2018-02-28	2018	15	9	19W	W	91915	18	4	0.23601761			0.67212442			0919W15A0001
1857	2018-02-28	2018	24	16	2W	W	16224	18	2	0.688122652			1.78985363			1602W24B0001
1857	2018-02-28	2018	24	16	2W	W	16224	18	2	1.714496576			4.45952173			1602W24B0002
1860	2018-03-02	2018	15	10	18W	W	101815	18	0	0.163844205			0.45698458			1018W15A0001
1859	2018-03-02	2018	15	10	18W	W	101815	18	0	0.077143333			0.21516363			1018W15A0001
1859	2018-03-02	2018	15	10	18W	W	101815	18	0	0.304645763			0.84969997			1018W15A0001
1859	2018-03-02	2018	15	10	18W	W	101815	18	0	0.142813374			0.39832663			1018W15A0001
1859	2018-03-02	2018	15	10	18W	W	101815	18	0	0.113716236			0.31717061			1018W15D0001
1861	2018-03-02	2018	13	10	18W	W	101813	18	0	0.391201241			1.10864018			1018W13B0002
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1861	2018-03-02	2018	13	10	18W	W	101813	18	0	0.887587937			2.51536945			1018W13B0002
1861	2018-03-02	2018	10	10	18W	W	101810	18	0	1.457137898			4.00056163			1018W10D0001
1861	2018-03-02	2018	15	10	18W	W	101815	18	0	0.212637311			0.59307543			1018W15A0001
1861	2018-03-02	2018	15	10	18W	W	101815	18	0	1.100177177			3.06854921			1018W15A0001
1861	2018-03-02	2018	15	10	18W	W	101815	18	0	0.240019789			0.66944902			1018W15D0001
1861	2018-03-02	2018	15	10	18W	W	101815	18	0	0.164592163			0.45907074			1018W15A0001

NRD_PermitNo	PermittedDate	ImplemrentYear	Section	Township	Range	E_W	TWNRNGSECT	CropLvstck	ZoneCurveNo	Annual_CU	DNR_WellRegNo	Well_Id_As	TransferAcres	AssocWellPermit	AssocVar	FIELD_ID
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1861	2018-03-02	2018	13	10	18W	W	101813	18	0	0.067607813			0.19159637			1018W13B0001
1861	2018-03-02	2018	13	10	18W	W	101813	18	0	0.267329006			0.75759391			1018W13B0001
1862	2018-03-02	2018	30	11	24W	W	112430	18	2	0.66679521			1.4505823			1124W30A0001
1862	2018-03-02	2018	15	10	23W	W	102315	18	2	0.497578816			0.99821383			1023W15D0001
1868	2018-03-13	2018	22	9	22W	W	92222	18	1	0.327436731			0.89986666			0922W22C0001
1868	2018-03-13	2018	22	9	22W	W	92222	18	1	0.765925559			2.1049284			0922W22C0001
1869	2018-03-13	2018	8	9	15W	W	9158	18	5	1.318467389			3.85667138			0915W08B0001
1870	2018-03-13	2018	19	10	17W	W	101719	18	0	0.641519084			1.84507157			1017W19A0001
1870	2018-03-13	2018	19	10	17W	W	101719	18	0	1.43551383			4.12867804			1017W19A0001
1870	2018-03-13	2018	19	10	17W	W	101719	18	0	0.528834561			1.52097987			1017W19A0001
1870	2018-03-13	2018	19	10	17W	W	101719	18	0	0.261945728			0.75338151			1017W19A0001
1870	2018-03-13	2018	19	10	17W	W	101719	18	0	0.338359774			0.97315577			1017W19A0001
1870	2018-03-13	2018	7	8	17W	W	8177	18	1	0.555158344			0.99684723			0817W07A0001V
1872	2018-03-13	2018	18	12	11W	W	121118	18	0	0.420528219			1.30038489			1211W18D0022
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1873	2018-03-13	2018	13	12	10W	W	121013	18	0	1.852856213		80900	3.63322356			1210W13-247495
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1874	2018-03-13	2018	27	12	12W	W	121227	18	0	1.798334183			6.4847288			1212W27A0001
1875	2018-03-13	2018	10	11	11W	W	111110	18	0	0.400667367			1.11727625			1111W10C0002
1877	2018-03-19	2018	18	12	11W	W	121118	18	0	3.410296949			10.5455435			1211W18D0022
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1877	2018-03-19	2018	18	12	11W	W	121118	18	0	0.421893671			1.30460723			1211W18D0026
1877	2018-03-19	2018	18	12	11W	W	121118	18	0	0.542382766			1.6771915			1211W18D0027
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1877	2018-03-19	2018	18	12	11W	W	121118	18	0	0.052939417			0.16370273			1211W18D0004
1877	2018-03-19	2018	18	12	11W	W	121118	18	0	0.073573777			0.22750965			1211W18D0019
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1878	2018-03-22	2018	34	9	15W	W	91534	18	4	0.463776765			1.3746727			0915W34A0001
1879	2018-04-03	2018	17	11	23W	W	112317	18	4	2.149165523			5.38630101			1123W17A0001
1879	2018-04-03	2018	17	11	23W	W	112317	18	4	1.344199779			3.3688725			1123W17A0001
1880	2018-04-03	2018	36	12	25W	W	122536	18	4	1.665723307			4.29195826			1225W36D0002
1881	2018-04-03	2018	8	12	6W	W	1268	18	3	0.148501826			0.65843032			1206W08D0002
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1882	2018-04-03	2018	22	11	22W	W	112222	18	0	0.6141559			1.55286269			1122W22A0001
1883	2018-04-03	2018	8	12	21W	W	12218	18	0	0.639595274			1.54959485			1221W08A0001
1883	2018-04-03	2018	8	12	21W	W	12218	18	0	0.474064161			1.14855036			1221W08A0001
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1884	2018-04-03	2018	3	9	23W	W	9233	18	1	0.442685688			1.00302637			0923W03D0002
1885	2018-04-04	2018	26	11	23W	W	112326	18	4	0.621177948			1.5716773			1123W26A0002
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NRD_PermitNo	PermittedDate	ImplemrentYear	Section	Township	Range	E_W	TWNRNGSECT	CropLvstck	ZoneCurveNo	Annual_CU	DNR_WellRegNo	Well_Id_As	TransferAcres	AssocWellPermit	AssocVar	FIELD_ID
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1886	2018-04-04	2018	8	11	19W	W	11198	18	0	0.678174016			1.62638809			1119W08A0002
1886	2018-04-04	2018	8	11	19W	W	11198	18	0	0.277110412			0.66456258			1119W08A0002
1886	2018-04-04	2018	8	11	19W	W	11198	18	0	0.179015367			0.42931232			1119W08A0002
1887	2018-04-04	2018	35	10	22W	W	102235	18	3	0.540037476			1.44109269			1022W35B0001
1888	2018-04-04	2018	13	13	9W	W	13913	18	0	0.407380302			1.42483842			1309W13A0001
1889	2018-04-04	2018	10	11	8W	W	11810	18	1	2.698690035			5.79943561			1108W10C0001
1889	2018-04-04	2018	10	11	8W	W	11810	18	1	0.218764981			0.47012195			1108W10C0001
1889	2018-04-04	2018	10	11	8W	W	11810	18	1	0.246364964			0.52943381			1108W10C0001
1890	2018-04-04	2018	32	12	7W	W	12732	18	2	0.735375226			2.91148351			1207W32B0001
1890	2018-04-04	2018	32	12	7W	W	12732	18	2	0.126910636			0.50246216			1207W32B0001
1891	2018-04-04	2018	25	13	6W	W	13625	18	3	0.168865492			0.77113399			1306W25B0001
1891	2018-04-04	2018	25	13	6W	W	13625	18	3	0.205295622			0.93749428			1306W25B0002
1891	2018-04-04	2018	25	13	6W	W	13625	18	3	0.164386882			0.75068216			1306W25B0003
1892	2018-04-04	2018	21	14	8W	W	14821	18	0	0.068477193			0.24390663			1408W21B0001
1892	2018-04-04	2018	21	14	8W	W	14821	18	0	0.308384894			1.09842587			1408W21B0001
1892	2018-04-04	2018	21	14	8W	W	14821	18	0	0.090385225			0.32194012			1408W21B0001
1892	2018-04-04	2018	21	14	8W	W	14821	18	0	0.369608839			1.3164974			1408W21B0002
1893	2018-04-04	2018	35	12	11W	W	121135	18	0	0.378474783			1.30146902			1211W35A0001
1894	2018-04-04	2018	16	12	10W	W	121016	18	0	0.711017619			1.39236169			1210W16D0001
1895	2018-04-06	2018	4	16	1W	W	1614	18	1	0.880980197			2.13182491			1601W04A0002
1897	2018-04-10	2018	14	13	21W	W	132114	18	0	0.141717328			0.3510976			1321W14B0001
1897	2018-04-10	2018	14	13	21W	W	132114	18	0	0.077571191			0.19217875			1321W14B0001
1897	2018-04-10	2018	14	13	21W	W	132114	18	0	0.830958051			2.05865706			1321W14B0001
1897	2018-04-10	2018	14	13	21W	W	132114	18	0	0.755680868			1.8721616			1321W14B0001
1897	2018-04-10	2018	14	13	21W	W	132114	18	0	0.191655231		40267	0.47481626			1321W14B0003
1897	2018-04-10	2018	14	13	21W	W	132114	18	0	0.510183563			1.26395429			1321W14B0001
1898	2018-04-11	2018	24	11	18W	W	111824	18	0	0.442161022			1.13315542			1118W24C0001
1900	2018-04-12	2018	17	12	23W	W	122317	18	0	3.165244116			7.86508412			1223W17B0001
1901	2018-04-13	2018	3	9	23W	W	9233	18	1	0.883656269			2.00216669			0923W03D0002
1902	2018-04-16	2018	27	15	4W	W	15427	18	1	0.284274731			1.15840587			1504W27B0001
1903	2018-04-18	2018	33	12	9W	W	12933	18	5	0.401614953			1.38937866			1209W33A0001
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1903	2018-04-18	2018	33	12	9W	W	12933	18	5	0.167321433			0.57884505			1209W33A0001
1904	2018-04-19	2018	27	11	10W	W	111027	18	5	1.140910892			4.02872314			1110W27B0001
1905	2018-04-19	2018	20	15	3W	W	15320	18	3	0.425614138			1.07194091			1503W20C0001
1906	2018-04-19	2018	7	10	17W	W	10177	18	0	0.686181087			1.9388028			1017W07D0002
1906	2018-04-19	2018	7	10	17W	W	10177	18	0	0.784448975			2.21645845			1017W07D0002
1906	2018-04-19	2018	7	10	17W	W	10177	18	0	0.205683223			0.58115739			1017W07D0002
1906	2018-04-19	2018	7	10	17W	W	10177	18	0	0.428357934			1.21032418			1017W07D0002
1907	2018-04-19	2018	18	9	11W	W	91118	18	1	4.596694759			10.3822233			0911W18A0001
1907	2018-04-19	2018	18	9	11W	W	91118	18	1	2.387727416			5.3929879			0911W18A0001
1909	2018-04-19	2018	19	9	12W	W	91219	18	2	0.681216745			2.46574214			0912W19D0001
1910	2018-04-19	2018	31	13	25W	W	132531	18	0	1.429148807			4.17435277			1325W31D0001
1910	2018-04-19	2018	31	13	25W	W	132531	18	0	1.590377214			4.64527941			1325W31D0001
1910	2018-04-19	2018	31	13	25W	W	132531	18	0	0.246210865			0.71914905			1325W31D0002

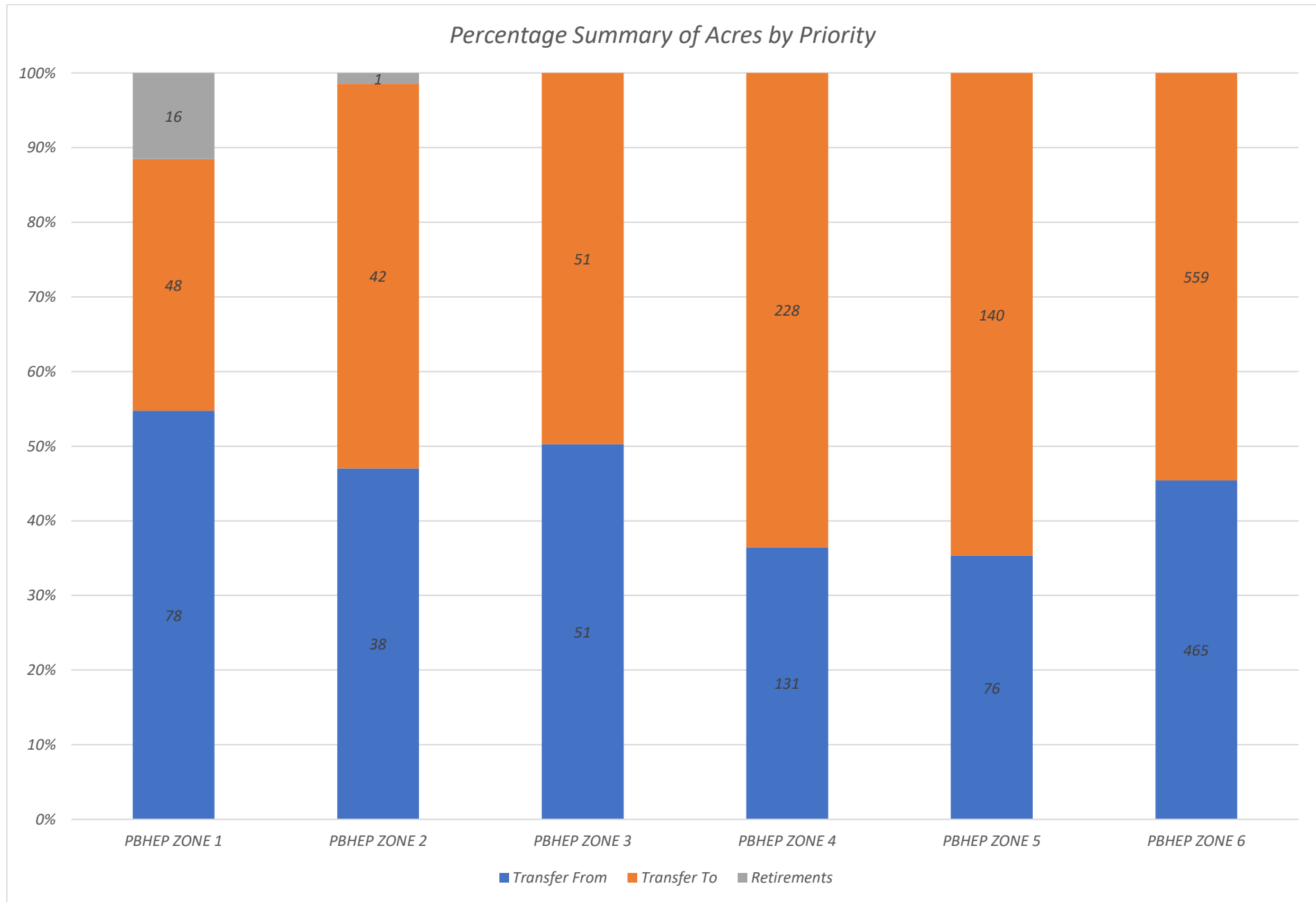
NRD_PermitNo	PermittedDate	ImplemrentYear	Section	Township	Range	E_W	TWNRNGSECT	CropLvstck	ZoneCurveNo	Annual_CU	DNR_WellRegNo	Well_Id_As	TransferAcres	AssocWellPermit	AssocVar	FIELD_ID
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1913	2018-04-19	2018	21	13	7W	W	13721	18	4	0.27632742			1.27518076			1307W21C0001
1914	2018-04-19	2018	36	16	1W	W	16136	18	3	0.328717567			1.9694792			1601W36A0002
1914	2018-04-19	2018	36	16	1W	W	16136	18	3	0.066048742			0.39572459			1601W36A0002
1914	2018-04-19	2018	36	16	1W	W	16136	18	3	0.074977605			0.449221			1601W36A0002
1911	2018-04-19	2018	11	8	14W	W	81411	18	1	0.58123749		142163	1.09023765			0814W11B0004
1912	2018-04-19	2018	18	12	11W	W	121118	18	0	1.695334029			5.24242288			1211W18D0024
1912	2018-04-19	2018	18	12	11W	W	121118	18	0	1.011137417			3.12670532			1211W18D0007
1912	2018-04-19	2018	18	12	11W	W	121118	18	0	3.012309143			9.31485955			1211W18D0002
1912	2018-04-19	2018	18	12	11W	W	121118	18	0	1.946205895			6.01818529			1211W18D0002
1912	2018-04-19	2018	12	13	10W	W	131012	18	0	0.379747305			1.22161872			1310W12B0003
1912	2018-04-19	2018	12	13	10W	W	131012	18	0	1.334818125			4.29401022			1310W12B0001
1915	2018-04-20	2018	7	16	3W	W	1637	18	0	5.742285015			12.15626442			1603W07B0001
1915	2018-04-20	2018	6	16	3W	W	1636	18	0	1.537410169			3.25639129			1603W06C0001
1917	2018-05-16	2018	12	9	21W	W	92112	18	4	1.071289953			3.04289708			0921W12A0001
1918	2018-05-16	2018	22	9	14W	W	91422	18	4	0.893691454			2.00583131			0914W22D0001
1918	2018-05-16	2018	22	9	14W	W	91422	18	4	0.289882111			0.65062121			0914W22D0001
1919	2018-05-29	2018	32	15	4W	W	15432	18	2	1.172598259			4.7898136			1504W32C0001
1920	2018-05-29	2018	15	14	7W	W	14715	18	0	0.798504599			3.03866175			1407W15D0002
1921	2018-05-29	2018	26	16	5W	W	16526	18	5	0.364836619			1.42623872			1605W26B0001
1922	2018-05-02	2018	8	14	22W	W	14228	18	0	0.211707526			0.50475858			1422W08A0001
1922	2018-05-02	2018	4	14	22W	W	14224	18	0	0.429317552			1.02159885			1422W04C0002
1922	2018-05-02	2018	4	14	22W	W	14224	18	0	1.71877923			4.08998625			1422W04C0001
1922	2018-05-02	2018	4	14	22W	W	14224	18	0	1.297413853			3.0873103			1422W04C0001
1923	2018-05-03	2018	13	10	13W	W	101313	18	5	0.460094424			0.98962418			1013W13A0002
1923	2018-05-03	2018	13	10	13W	W	101313	18	5	0.308488215			0.66353205			1013W13A0002
1924	2018-05-09	2018	10	12	22W	W	122210	18	0	1.287890112			3.14269009			1222W10B0001
1924	2018-05-09	2018	10	12	22W	W	122210	18	0	0.334522707			0.81629728			1222W10B0001
1925	2018-05-09	2018	35	12	25W	W	122535	18	4	0.338268342			0.874913			1225W35A0001
1925	2018-05-09	2018	35	12	25W	W	122535	18	4	0.435185816			1.12558487			1225W35A0001
1926	2018-05-11	2018	10	11	23W	W	112310	18	5	0.554959504			1.38953517			1123W10B0002
1927	2018-05-14	2018	14	15	3W	W	15314	18	3	0.584419702			1.47050645			1503W14C0001
1927	2018-05-14	2018	14	15	3W	W	15314	18	3	0.48235693			1.21369792			1503W14C0001
1927	2018-05-14	2018	14	15	3W	W	15314	18	3	0.537326749			1.352012			1503W14C0001
1928	2018-05-16	2018	34	11	10W	W	111034	18	4	0.314357691			1.12232859			1110W34A0001
1929	2018-05-17	2018	35	12	20W	W	122035	18	0	0.793593492			1.80465378			1220W35C0003
1930	2018-05-21	2018	17	12	9W	W	12917	18	0	9.667263005			18.96009572			1209W17D0002
1931	2018-05-24	2018	16	10	22W	W	102216	18	4	4.021511101			7.89199571			1022W16C0001
1931	2018-05-24	2018	16	10	22W	W	102216	18	4	4.066075664			7.97945123			1022W16C0001
1932	2018-05-29	2018	10	12	25W	W	122510	18	5	0.114997005			0.29592705			1225W10A0001
1932	2018-05-29	2018	10	12	25W	W	122510	18	5	0.316982007			0.81570429			1225W10A0001
1932	2018-05-29	2018	10	12	25W	W	122510	18	5	0.02291518			0.05896868			1225W10A0001
1932	2018-05-29	2018	10	12	25W	W	122510	18	5	0.020036204			0.05156008			1225W10A0001
1932	2018-05-29	2018	10	12	25W	W	122510	18	5	0.031592786			0.08129916			1225W10A0001
1932	2018-05-29	2018	3	12	25W	W	12253	18	5	0.888973933			2.28569134			1225W03D0001
1932	2018-05-29	2018	3	12	25W	W	12253	18	5	0.535545105			1.37697042			1225W03D0001

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1932	2018-05-29	2018	3	12	25W	W	12253	18	5	0.131124665			0.33714207			1225W03D0001
1932	2018-05-29	2018	3	12	25W	W	12253	18	5	0.379219554			0.97503292			1225W03D0001
1934	2018-05-29	2018	7	11	20W	W	11207	18	0	0.534517435			1.33896035			1120W7-184887
1934	2018-05-29	2018	7	11	20W	W	11207	18	0	0.111872231			0.28023872			1120W7-184887
1935	2018-05-29	2018	7	11	20W	W	11207	18	0	1.217279203			3.04927114			1120W7-184887
1936	2018-05-30	2018	3	9	23W	W	9233	18	1	0.440305532			0.99763347			0923W03D0002
1937	2018-05-31	2018	3	9	23W	W	9233	18	1	2.592377651			5.87374567			0923W03D0002
1938	2018-05-31	2018	27	16	3W	W	16327	18	2	0.282709747			1.15164538			1603W27C0002
1938	2018-05-31	2018	27	16	3W	W	16327	18	2	0.19033023			0.77532852			1603W27C0002
1939	2018-06-08	2018	36	13	21W	W	132136	18	0	1.927217524			4.60310746			1321W36D0002
1940	2018-06-11	2018	13	14	4W	W	14413	18	4	0.142776515		G-010968	0.66412315			1404W13B0002
1940	2018-06-11	2018	13	14	4W	W	14413	18	4	0.376284778		G-010968	1.75028387			144W13-86014
1940	2018-06-11	2018	13	14	4W	W	14413	18	4	0.049833416		G-010968	0.2317995			1404W13B0002
1940	2018-06-11	2018	13	14	4W	W	14413	18	4	1.209732406		G-010968	5.62705494			1404W13B0002
1941	2018-06-13	2018	30	13	7W	W	13730	18	4	0.073676834		G-006001	0.2347985			1307W30A0002
1941	2018-06-13	2018	30	13	7W	W	13730	18	4	0.427133645		G-006001	1.36121944			1307W30A0002
1942	2018-06-19	2018	33	12	12W	W	121233	18	0	1.327350741			4.8095032			1212W33A0001
1942	2018-06-19	2018	33	12	12W	W	121233	18	0	1.540468775			5.58171196			1212W33A0001
1942	2018-06-19	2018	33	12	12W	W	121233	18	0	1.374428099			4.98008261			1212W33A0001
1942	2018-06-19	2018	33	12	12W	W	121233	18	0	0.054625098			0.19792778			1212W33A0002
1942	2018-06-19	2018	33	12	12W	W	121233	18	0	0.037900126			0.13732676			1212W33A0002
1942	2018-06-19	2018	33	12	12W	W	121233	18	0	1.022421259			3.70462619			1212W33A0001
1943	2018-06-19	2018	25	10	12W	W	101225	18	4	1.896102018			8.00206238			1012W25B0001
1944	2018-06-19	2018	23	10	22W	W	102223	18	4	0.108513604			0.21322121			1022W23C0001
1944	2018-06-19	2018	26	10	22W	W	102226	18	4	0.0165056			0.03253644			1022W23C0001
1944	2018-06-19	2018	23	10	22W	W	102223	18	4	0.128322584			0.25214439			1022W23C0001
1944	2018-06-19	2018	3	9	23W	W	9233	18	1	2.503980755			5.67345815			0923W03D0002
1945	2018-06-19	2018	23	10	22W	W	102223	18	4	0.108513604			0.21322121			1022W23C0001
1945	2018-06-19	2018	26	10	22W	W	102226	18	4	0.0165056			0.03253644			1022W23C0001
1945	2018-06-19	2018	23	10	22W	W	102223	18	4	0.128322584			0.25214439			1022W23C0001
1945	2018-06-19	2018	3	9	23W	W	9233	18	1	2.503980755			5.67345815			0923W03D0002
1948	2018-06-19	2018	23	10	22W	W	102223	18	4	0.108513604			0.21322121			1022W23C0001
1948	2018-06-19	2018	26	10	22W	W	102226	18	4	0.0165056			0.03253644			1022W23C0001
1948	2018-06-19	2018	23	10	22W	W	102223	18	4	0.128322584			0.25214439			1022W23C0001
1948	2018-06-19	2018	3	9	23W	W	9233	18	1	2.503980459			5.67345748			0923W03D0002
1949	2018-06-22	2018	31	14	25W	W	142531	18	0	0.311125227			0.89201943			1425W31C0001
1949	2018-06-22	2018	31	14	25W	W	142531	18	0	0.723632513			2.07470885			1425W31C0001
1949	2018-06-22	2018	31	14	25W	W	142531	18	0	1.284145556			3.68174191			1425W31C0001
1949	2018-06-22	2018	31	14	25W	W	142531	18	0	0.632660216			1.81388443			1425W31C0002
1949	2018-06-22	2018	31	14	25W	W	142531	18	0	0.242885434			0.69637081			1425W31C0001
1950	2018-06-25	2018	20	11	25W	W	112520	18	1	0.267405081			0.73210686			1125W20B0001
1950	2018-06-25	2018	17	11	25W	W	112517	18	1	0.5603648			1.07284153			1125W20B0001
1950	2018-06-25	2018	20	11	25W	W	112520	18	1	0.208918564			0.57198133			1125W20B0001
1950	2018-06-25	2018	20	11	25W	W	112520	18	1	0.165648499			0.4535157			1125W20B0001
1950	2018-06-25	2018	19	11	25W	W	112519	18	0	0.364136448			1.13760941			1125W19B0001
1951	2018-06-25	2018	20	11	25W	W	112520	18	1	0.941910293			2.57878042			1125W20B0001

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1951	2018-06-25	2018	20	11	25W	W	112520	18	1	1.008716007			2.76168241			1125W20B0001
1952	2018-06-25	2018	25	9	20W	W	92025	18	4	0.335128883			0.89045358			0920W25C0001
1952	2018-06-25	2018	25	9	20W	W	92025	18	4	0.336487556			0.89406364			0920W25C0001
1952	2018-06-25	2018	25	9	20W	W	92025	18	4	0.310263146			0.82438412			0920W25C0001
1953	2018-06-25	2018	32	9	19W	W	91932	18	3	0.553648315			1.51325159			0919W32B0002V
1953	2018-06-25	2018	32	9	19W	W	91932	18	3	0.636985348			1.74103138			0919W32B0001
1953	2018-06-25	2018	32	9	19W	W	91932	18	3	0.534851893			1.46187653			0919W32A0001
1953	2018-06-25	2018	32	9	19W	W	91932	18	3	0.283662698			0.77531714			0919W32B0001
1954	2018-07-03	2018	32	9	23W	W	92332	18	3	0.833154842			2.56089397			0923W32A0001
1954	2018-07-03	2018	32	9	23W	W	92332	18	3	1.077429211			3.3117277			0923W32A0001
1955	2018-07-03	2018	17	9	23W	W	92317	18	2	0.504909686			1.58915307			0923W17C0001
1955	2018-07-03	2018	17	9	23W	W	92317	18	2	0.191698207			0.60335106			0923W17C0001
1956	2018-07-03	2018	20	9	23W	W	92320	18	3	0.105829383			0.76738469			0923W20C0001
1956	2018-07-03	2018	20	9	23W	W	92320	18	3	0.360247812			2.61221078			0923W20C0001
1956	2018-07-03	2018	20	9	23W	W	92320	18	3	0.023495385			0.17036855			0923W20C0001
1956	2018-07-03	2018	20	9	23W	W	92320	18	3	0.229888249			1.66695409			0923W20D0001
1956	2018-07-03	2018	20	9	23W	W	92320	18	3	0.054062527			0.39201547			0923W20D0001
1956	2018-07-03	2018	20	9	23W	W	92320	18	3	0.368978826			2.67552067			0923W20A0001
1957	2018-07-03	2018	23	11	18W	W	111823	18	0	0.298271217			0.78968662			1118W23A0001
1958	2018-07-09	2018	30	10	16W	W	101630	18	0	0.281082524			0.84334034			1016W30C0002
1958	2018-07-09	2018	30	10	16W	W	101630	18	0	0.278464499			0.8354854			1016W30C0002
1958	2018-07-09	2018	31	10	16W	W	101631	18	0	0.807562695			2.45351652			1016W30C0002
1959	2018-07-09	2018	14	9	16W	W	91614	18	5	0.358333744			1.10069137			0916W14B0001
1959	2018-07-09	2018	14	9	16W	W	91614	18	5	1.465179609			4.50058242			0916W14B0001
1959	2018-07-09	2018	14	9	16W	W	91614	18	5	0.032818149			0.10080729			0916W14B0001
1962	2018-07-09	2018	18	13	9W	W	13918	18	0	0.512010226		223193	1.65098461			139W18-269454
1962	2018-07-09	2018	18	13	9W	W	13918	18	0	0.120935167		223193	0.38995725			139W18-267876
1962	2018-07-09	2018	18	13	9W	W	13918	18	0	0.065846667		223193	0.21232356			139W18-267876
1962	2018-07-09	2018	18	13	9W	W	13918	18	0	0.756447818		217459	2.43917727			139W18-268255
1962	2018-07-09	2018	18	13	9W	W	13918	18	0	0.210382085		217459	0.67838017			139W18-268255
1962	2018-07-09	2018	18	13	9W	W	13918	18	0	0.573882196		217459	1.8504917			139W18-269450
1962	2018-07-09	2018	18	13	9W	W	13918	18	0	0.967590501		223193	3.12001			139W18-2682551
1960	2018-07-09	2018	18	9	16W	W	91618	18	5	0.787345705			2.41897371			0916W18A0001
1960	2018-07-09	2018	18	9	16W	W	91618	18	5	1.250929463			3.84324886			0916W18A0001
1960	2018-07-09	2018	18	9	16W	W	91618	18	5	0.890491487			2.73587			0916W18A0002
1961	2018-07-09	2018	28	15	5W	W	15528	18	4	1.03552806			3.5211663			1505W28A0001
1961	2018-07-09	2018	28	15	5W	W	15528	18	4	1.612037804			5.48150592			1505W28A0001
1961	2018-07-09	2018	23	14	6W	W	14623	18	4	1.599229456			6.55905773			1406W23C0002
1961	2018-07-09	2018	23	14	6W	W	14623	18	4	1.427022603			5.85277091			1406W23C0003
1961	2018-07-09	2018	23	14	6W	W	14623	18	4	1.747326092			7.16645924			1406W23C0005
1961	2018-07-09	2018	23	14	6W	W	14623	18	4	0.230656229			0.94601029			1406W23C0004
1961	2018-07-09	2018	23	14	6W	W	14623	18	4	0.052109162			0.2137198			1406W23C0004
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	0.93565421			2.49920992			1113W21B0001
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	0.919150311			2.45512664			1113W21B0001
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	1.415737269			3.78155155			1113W21D0001
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	1.66197725			4.43927894			1113W21D0001

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1963	2018-07-11	2018	21	11	13W	W	111321	18	0	1.522379326			4.06640132			1113W21D0001
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	1.53009428			4.0870086			1113W21D0001
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	1.199994411			3.2052845			1113W21-303903
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	1.447097554			3.86531747			1113W21B0002
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	0.367405076			0.9813694			1113W21-303914
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	0.069721016			0.18623061			1113W21B0003
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	0.025699839			0.0686464			1113W21-303903
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	0.061069948			0.16312289			1113W21A0001
1963	2018-07-11	2018	21	11	13W	W	111321	18	0	7.52109047			20.08945582			1113W21D0001
1965	2018-07-12	2018	26	14	22W	W	142226	18	0	1.863816261			4.40475321			1422W26A0002
1969	2018-07-13	2018	10	10	23W	W	102310	18	3	0.448196873		218020	1.13967191			1023W10-298882
1970	2018-07-13	2018	29	9	19W	W	91929	18	4	0.776471547		59674	2.08952186			0919W29B0002V
1970	2018-07-13	2018	29	9	19W	W	91929	18	4	0.312222836			0.8402065			0919W29B0001
1970	2018-07-13	2018	29	9	19W	W	91929	18	4	0.4896642			1.31770965			0919W29B0001
1971	2018-07-13	2018	26	9	14W	W	91426	18	3	0.793489419		11932	2.34966416			914W26-163869
1972	2018-07-17	2018	15	11	13W	W	111315	18	0	0.677869233			1.95629022			1113W15C0001
1972	2018-07-17	2018	10	11	13W	W	111310	18	0	5.875359795			16.91266106			1113W10C0001
1972	2018-07-17	2018	10	11	13W	W	111310	18	0	3.515076617			10.11841002			1113W10C0001
1973	2018-07-17	2018	5	13	8W	W	1385	18	0	1.716812429			3.49014189			1308W05C0001
1974	2018-07-18	2018	2	9	21W	W	9212	18	4	1.748058476			4.86402737			0921W02C0001
1975	2018-07-25	2018	18	13	23W	W	132318	18	0	0.951803384			2.34937769			1323W18D0001
1975	2018-07-25	2018	20	13	23W	W	132320	18	0	0.034406345			0.084756			1323W18D0001
1975	2018-07-25	2018	18	13	23W	W	132318	18	0	1.304733226			3.22052977			1323W18D0001
1975	2018-07-25	2018	17	13	23W	W	132317	18	0	0.120309625			0.2956525			1323W18D0001
1975	2018-07-25	2018	18	13	23W	W	132318	18	0	0.010296144			0.02541442			1323W18D0001
1975	2018-07-25	2018	18	13	23W	W	132318	18	0	1.086144637			2.68097805			1323W18D0001
1976	2018-07-25	2018	8	11	8W	W	1188	18	2	0.601522318			1.19981314			1108W08D0001
1979	2018-08-02	2018	14	15	6W	W	15614	18	0	0.19946908		192132	0.42736277			1506W14B0002V
1979	2018-08-02	2018	14	15	6W	W	15614	18	0	0.020998087			0.04498843			1506W14C0001
1979	2018-08-02	2018	14	15	6W	W	15614	18	0	0.386280735			0.82760699			15N06W14C0004V
1979	2018-08-02	2018	11	15	6W	W	15611	18	0	3.18767243			6.80793222			1506W11D0001
1980	2018-09-06	2018	35	12	20W	W	122035	18	0	0.400380255			0.91047589			1220W35D0003
1980	2018-09-06	2018	35	12	20W	W	122035	18	0	1.32557041			3.01438416			1220W35D0003
1981	2018-09-27	2018	12	8	15W	W	81512	18	2	0.32110998			0.90407675			0815W01C0001
1981	2018-09-27	2018	1	8	15W	W	8151	18	3	0.177628792			0.49509457			0815W01C0001
1981	2018-09-27	2018	1	8	15W	W	8151	18	3	0.006778868			0.01889435			0815W01C0002
1981	2018-09-27	2018	1	8	15W	W	8151	18	3	0.202587127			0.56465951			0815W01C0002
1982	2018-10-11	2018	36	11	18W	W	111836	18	0	0.729660972			2.00309564			1118W36C0001
1982	2018-10-11	2018	36	11	18W	W	111836	18	0	0.165697042			0.45487841			1118W36C0001
1982	2018-10-11	2018	35	11	18W	W	111835	18	0	2.573321856			6.97544179			1118W35A0001
1982	2018-10-11	2018	35	11	18W	W	111835	18	0	0.571195319			1.54832544			1118W35A0001
1982	2018-10-11	2018	35	11	18W	W	111835	18	0	0.544679903			1.47645074			1118W35A0001
1982	2018-10-11	2018	35	11	18W	W	111835	18	0	1.023034001			2.77311371			1118W35A0001
1982	2018-10-11	2018	35	11	18W	W	111835	18	0	0.891697884			2.41710405			1118W35A0001
1982	2018-10-11	2018	35	11	18W	W	111835	18	0	1.613934017			4.3748522			1118W35A0001
1983	2018-10-18	2018	2	15	1W	W	1512	18	3	0.243555583			1.45023197			1501W02C0002

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1984	2018-10-19	2018	19	15	3W	W	15319	18	1	2.30021989			5.7972295			1503W19B0001
1984	2018-10-19	2018	19	15	3W	W	15319	18	1	0.982599657			2.47643964			1503W19B0001
1984	2018-10-19	2018	19	15	3W	W	15319	18	1	0.075998526			0.1915386			1503W19B0001
1984	2018-10-19	2018	19	15	3W	W	15319	18	1	0.292480117			0.73713577			1503W19A0002
1984	2018-10-19	2018	19	15	3W	W	15319	18	1	0.653635981			1.64735459			1503W19A0002
1984	2018-10-19	2018	19	15	3W	W	15319	18	1	0.139665096			0.35199705			1503W19B0001
1985	2018-10-29	2018	16	13	7W	W	13716	18	5	0.320298506			1.0610859			1307W16A0001
1985	2018-10-29	2018	16	13	7W	W	13716	18	5	0.748896977			2.48094827			1307W16A0001
1985	2018-10-29	2018	16	13	7W	W	13716	18	5	0.288365331			0.95529758			1307W16A0001
1985	2018-10-29	2018	16	13	7W	W	13716	18	5	0.356460373			1.18088305			1307W16A0001
1986	2018-11-01	2018	35	9	20W	W	92035	18	3	0.433907225			1.15930923			0920W35D0001
1987	2018-12-19	2018	6	12	25W	W	12256	18	0	1.369229381			4.00321426			1225W06C0001
1987	2018-12-19	2018	6	12	25W	W	12256	18	0	0.032366276			0.09462924			1225W06D0002
1987	2018-12-19	2018	6	12	25W	W	12256	18	0	0.509301893			1.48904532			1225W06D0001
1988	2018-12-20	2018	16	15	5W	W	15516	18	5	0.414561935			1.60862176			1505W16D0001
1990	2018-12-27	2018	11	9	14W	W	91411	18	4	2.091988537		250519	4.52884075			0914W11B0001
1990	2018-12-27	2018	11	9	14W	W	91411	18	4	2.271849893		250519	4.91821355			0914W11B0001
1990	2018-12-27	2018	11	9	14W	W	91411	18	4	1.977395275		250519	4.28076356			0914W11B0001
1990	2018-12-27	2018	11	9	14W	W	91411	18	4	0.72981038		250519	1.57992978			0914W11B0001
1991	2018-12-27	2018	1	15	4W	W	1541	18	2	0.199293056		33979	0.69537005			1504W01B0001
1991	2018-12-27	2018	1	15	4W	W	1541	18	2	0.194467455		80278	0.67853264			1504W01B0001
1991	2018-12-27	2018	1	15	4W	W	1541	18	2	0.124086376		33979	0.43296014			154W1-56642
1992	2018-12-27	2018	26	16	4W	W	16426	18	4	0.146690943		101838	0.58564519			1604W26A0001
1993	2018-12-27	2018	26	16	4W	W	16426	18	4	0.052895718		83429	0.21117952			1604W26A0001
1993	2018-12-27	2018	26	16	4W	W	16426	18	4	0.257918393		83428	1.02970683			1604W26A0001
1994	2018-12-27	2018	23	13	21W	W	132123	18	0	1.046190334		45699	2.4682984			1321W23C0001
1994	2018-12-27	2018	23	13	21W	W	132123	18	0	0.396507254		45699	0.93548773			1321W23C0001
1994	2018-12-27	2018	23	13	21W	W	132123	18	0	0.439899403		45699	1.03786372			1321W23C0001
1994	2018-12-27	2018	22	13	21W	W	132122	18	0	3.145961719		45699	7.39531707			1321W22D0001
1994	2018-12-27	2018	22	13	21W	W	132122	18	0	4.951740526		45699	11.6402215			1321W22C0001
1994	2018-12-27	2018	26	13	21W	W	132126	18	0	2.32827022		45699	5.49313588			1321W26D0002
1995	2018-12-27	2018	18	9	16W	W	91618	18	5	2.928252008			8.99651141			0916W18A0003
1995	2018-12-27	2018	18	9	16W	W	91618	18	5	2.219698132			6.81961099			0916W18A0001
1996	2018-12-27	2018	18	9	16W	W	91618	18	5	0.889040415			2.73141185			0916W18A0001
1997	2018-12-27	2018	15	12	12W	W	121215	18	0	0.181590848		98934	0.59185779			1212W15D0001N
1997	2018-12-27	2018	15	12	12W	W	121215	18	0	0.054628629		98934	0.17805071			1212W15D0001N
1997	2018-12-27	2018	15	12	12W	W	121215	18	0	0.724760673		98934	2.36220743			1212W15D0001N
1997	2018-12-27	2018	15	12	12W	W	121215	18	0	0.808244049		152742	2.63430422			1212W15D0001N
1997	2018-12-27	2018	15	12	12W	W	121215	18	0	0.624914769		152742	2.03678037			1212W15D0001N



NRD_PermitNo	PermittedDate	ImplementYear	Section	Township	Range	E_W	TWNRNGSECT	FutureCropType	ZoneCurveNo	Annual_CU	DNR_WellRegNo	Well_Id_As	TransferAcres	AssWellPermit	AssocVar	FIELD_ID
1838			21	16	1W	W	16121	18	2	0.22377597			0.58788756			1601W21D0006
1838			21	16	1W	W	16121	18	2	0.22377597			0.58788756			1601W21D0006
1871			7	9	22W	W	9227	18	1	7.628026054			15.24296856			0922W07A0001
1871			7	9	22W	W	9227	18	1	0.616215224			1.23137352			922W7-109671