

This license was originally issued for diversion of 2960 acre feet of water to be diverted from 11-1 to 4-1 and used for "root zone storage". It appears the claimant has requested a change in season of use, per transfers #4224, 4225 & 4226, to 4-1 to 11-1. (4-1 to 10-31 per IDWR STANDARD). A survey of the system conducted by C.E. Brockway, P.E., in April 1992, identified 18 ponds with a total storage capacity of 170 acre feet. Mr. Brockway's finds were furnished by Kent Foster, attorney as attachments to a letter dated April 7, 1993. One of the attachments included a map illustrating the water delivery system and the ponds. This license is also referenced in the Department's Amended Final Order dated 8 April 1996. In item #21 of Conclusions of Law it states; "... water shall not be diverted from ground water for the sole purpose of filling ponds or subirrigating. Surface water can only be diverted for root zone storage pursuant to license no. 33-02133 when all prior surface water rights are being satisfied."

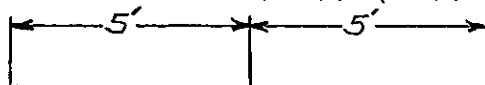
In preparing a recommendation for this license the elements were used:

- 1) Source of water is Little Lost River & Big Spring Creek, per transfers 4224, 4225 & 4226 plus Amended Final Order.

- 2- Points of diversion are the three surface water diversions approved by transfers 4224, 4225, & 4226.
- 3- This is an off stream storage right with a system volume of 170 acre feet, per study conducted by C.E. Brockway.
- 4- New season of use for delivery of this right is 41 to 11-1.
- 5- The P.O.U.s on transfers 4224, 4225, & 4226 ~~as shown by C.E. Brockway~~, will be used to identify the place of use for irrigation from storage. ①.
- 6- To prevent injury to other rights because of change in the season of use is right can be diverted only when all prior surface water rights are being satisfied.

22 Nov 99  
Ernest Carlson.

SAGE WILLOW, INC. LICENSE 33-02133 (ADJUDICATION CLAIM)



BIG SPRING CREEK DIVERSION - LOOKING DOWNSTREAM

SENWSW SECTION 5 T.7N., R28E.

MEASUREMENT OF STREAM WITH PIPELINE DIVERSION CLOSED.

| STAFF GAGE READING |       | READING | CFS      |
|--------------------|-------|---------|----------|
|                    | LEFT  | 0.60    | 7.53     |
|                    | RIGHT | 0.35    | 3.40     |
|                    |       |         | -----    |
|                    |       |         | 10.93CFS |

MEASUREMENT OF STREAM WITH PIPELINE DIVERSION OPEN.

| STAFF GAGE READING |       | READING | CFS     |
|--------------------|-------|---------|---------|
|                    | LEFT  | 0.50    | 5.74    |
|                    | RIGHT | 0.24    | 1.94    |
|                    |       |         | -----   |
|                    |       |         | 7.68CFS |

DIVERSION RATE OF PIPELINE (CLOSED - OPEN) 3.25 CFS

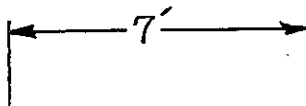
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MEASUREMENT OF STREAM WITH PIPELINE CLOSED AND EAST SIDE OPEN.

| STAFF GAGE READING |       | READING | CFS      |
|--------------------|-------|---------|----------|
|                    | LEFT  | 0.40    | 4.140    |
|                    | RIGHT | 0.15    | 0.972    |
|                    |       |         | -----    |
|                    |       |         | 5.112CFS |

DIVERSION RATE OF DITCH (STREAM - DITCH OPEN) 5.820 CFS

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LITTLE LOST RIVER DIVERSION  
NESWNW SECTION 12 T.7N., R27E.

|                          | READING | CFS  |
|--------------------------|---------|------|
| MEASUREMENT OF DIVERSION | 0.55    | 9.26 |

**OBSERVATION:** 16 NOVEMBER 1995, AS THE LICENSE READS FOR THIS WINTER DIVERSION, "...EQUALLY DIVIDED BETWEEN UPPER SPRING CREEK (AKA: BIG SPRING CREEK) AND THE LITTLE LOST RIVER." TOTALLING THE DIVERSION RATES OF LITTLE LOST RIVER AND BIG SPRING CREEK PIPELINE AS:

|                   |          |
|-------------------|----------|
| LITTLE LOST RIVER | 9.26 CFS |
| BIG SPRING CREEK  | 3.25 CFS |

-----  
TOTAL 12.51 CFS

CALCULATIONS OF THE DIVERSION RATE (BASED ON THE LICENSED VOLUME OF 2960 AF/A) SHOW THE RATE TO BE 8.26 CFS TOTAL.

NOT ONLY IS THE RATE NOT EQUALLY DIVIDED BUT THE TOTAL FROM BOTH DIVERSIONS FAR EXCEEDS THE LICENSED AMOUNT.

THE OPERATOR OF THE RANCH, PANCHERI, INC. WILL BE INFORMED OF THE EXCESS DIVERSION AND ASK TO REDUCE THE RATE TO THE LICENSED AMOUNT.

17 NOV 95, TELECON WITH RICK PANCHERI. EXPLAINED THE MEASUREMENTS OF THE ABOVE. FURTHER, THIS IS INFORMATION ONLY, NOT A DIRECTIVE TO ADJUST THE DIVERSIONS. WINTER WILL FREEZE THE LLR AND REDUCE FLOWS.

Sagewillow Transfers - List of Proposed Exhibits

| Offered | Admitted |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| _____   | _____    | (1) USGS Plate 2 - General area map of Little Lost River Basin Showing Surface Water and Ground Water Features, From Water Supply Paper 1539-Q.1.                                                                                                                                                                                                                                                                                                                                                                    |
| _____   | _____    | (2) ASCS photo mosaic of Bird Ranch from 1987 aerial photo maps                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| _____   | _____    | (3) ASCS photo mosaic of Knollin Ranch from 1987 aerial photograph maps                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| _____   | _____    | (4) Letter from Lucy Lutschg, PA re: authenticity of aerial photos and slides.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| _____   | _____    | (5) ASCS aerial photos mosaic of Knollin Ranch 1989. <i>9 photos</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| _____   | _____    | (6) Howe, NW Quadrangle, 7.5 minute orthophotoquad.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| _____   | _____    | (7) Map showing existing places of use by 1/4, 1/4 Section for Sagewillow ground and surface water rights.                                                                                                                                                                                                                                                                                                                                                                                                           |
| _____   | _____    | (8) Map showing approximate places of use as proposed by Sagewillow.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| _____   | _____    | (9) ASCS aerial photo of Bird Ranch 1988                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| _____   | _____    | (10) ASCS aerial photo of Bird Ranch 1989                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| _____   | _____    | (11) ASCS aerial photo of Bird Ranch 1990                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| _____   | _____    | (12) ASCS aerial photo of Bird Ranch 1991                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| _____   | _____    | (13) IDWR Landsat Imagery of Bird and Knollin Ranch, 1986, 1989 and 1991.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| _____   | _____    | (14) Estimated Evapotranspiration (ET) Based on Groundwater Licenses - Sagewillow Transfers                                                                                                                                                                                                                                                                                                                                                                                                                          |
| _____   | _____    | (15) Estimated Evapotranspiration (ET) Based on Pre- and Post-Transfer Irrigation Method - Sagewillow Transfers                                                                                                                                                                                                                                                                                                                                                                                                      |
| _____   | _____    | (16) Summary of Pumping Estimates Based on Power Records for Sagewillow Wells 1985-1994 (Acre-Feet Pumped Annually). <ul style="list-style-type: none"> <li>a. Summary of Acre Feet Pumped Annually <i>~20 pgs</i></li> <li>b. Summary of Winter Pumping Estimates</li> <li>c. Summary of Irrigation Season Pumping Estimates</li> <li>d. Bar Graph Summary of Annual Pumping Volumes</li> <li>e. Summary of UP&amp;L Power Records (KW and KWhrs) by Account Numbers, With Estimates of Pumping Volumes.</li> </ul> |
| _____   | _____    | (17) Potential Range of Reduction in Little Lost River Streamflow Caused by Increased Consumptive Use at the Knollin Ranch.                                                                                                                                                                                                                                                                                                                                                                                          |
| _____   | _____    | (18) Recommended Reductions in Acres and Diversion Rates for Transfer Nos. 4221 - 4227.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| _____   | _____    | (19) Estimated Evapotranspiration (ET) Based on Pre- and Post-Transfer Irrigation Method - Sagewillow Transfers (assuming typical yield)                                                                                                                                                                                                                                                                                                                                                                             |
| _____   | _____    | (20) Estimated Evapotranspiration (ET) Based on Pre- and Post-Transfer Irrigation Method - Sagewillow Transfers (assuming below typical yield)                                                                                                                                                                                                                                                                                                                                                                       |

**MEMORANDUM**

**TO:** HAROLD JONES

**FROM:** TIM LUKE

**DATE:** June 28, 1993

**RE:** KNOLLIN RANCH PONDS - WATER DISTRICT 33

=====

On the morning of June 24 I visited the Knollin Ranch with watermaster David Andreason. Meeting us at the ranch were ranch manager Jerry Pancheri and owner Ed Dumke. My purpose of visiting the ranch was to look at some ponds about which Vance Hawley had complained directly to you. I had agreed to look at the ponds since I was going to the area on this date to visit with the watermaster and review certain water district matters.

During my visit, I saw a total of about eight ponds. These ponds are located on the attached map. The actual locations are approximate as I did not have a topo map in the field with me. The size of the ponds are not drawn to scale. Pond numbers 2, 3, 7 and 8 on the map were only viewed from a distance and not up close as I did with the others. The ranch manager told me that there were a total of about 11 or 12 ponds. Based on his description, the remaining ponds not shown on the map are in the same general area as ponds 5 through 8. He mentioned that these ponds did not have water in them at this time.

You will note from inspection of a topo map that ponds 3, 4, and 5 actually appear as ponds or dikes. The owner, ranch manager and watermaster all stated to me that pond 5, the largest pond which I had seen, had been in existence for a long time and certainly before Dumke bought the Knollin Ranch. The owner and ranch manager also stated that all of these ponds are covered by water right number 33-2133 and all were in existence in one form or shape since or after the right was originally approved. Their description of the dams for most of these ponds reminded me of some type of dike structures. Inspection of the 1952 beneficial use exam in the water right file indicates that there is some reference to several large dikes. The owner and manager mentioned that some of the ponds had become deteriorated or were breached at the time Dumke purchased the ranch. It is obvious that Dumke has made some improvements of the ponds, including installation of new culverts and gates around the dams.

The source of water for all of the ponds is groundwater from one or more of the wells located just south and along the farm road that divides sections 1 and 12 of T7N, R27E. A ditch from these wells runs one-half mile south to another ditch running east-west which then conveys the groundwater to all of the ponds. Groundwater was

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being diverted into these ditches during my visit. Another well located in the NWSW of section 7, T7N, R28E can provide water to ponds 5 through 8, and possibly the other ponds in this same area. This well was in fact diverting water to at least ponds 5, 6 and 7 during my visit. Additional sources of water for the ponds may also be naturally occurring seeps and small springs within the ponds. Some of the areas around the ponds look as though they might be naturally sub-irrigated, although much of this may be due to the mere presence of the ponds. You will note from the topo that there are a number of small creeks and springs which form and rise just east of ponds 5 through 8. One of these creeks in fact form just above pond 4 and runs through ponds 5, 6, and 8.

Finally, you should be aware that Dumke and Pancheri both told me that Kent Foster had some information about these ponds, particularly as they relate to water rights. I was also told that Chuck Brockway has some detailed information regarding the ponds, including 'measurements' and other hydrologic information. I expressed some interest in the Department obtaining the latter information but I think it was undecided as to whether I would be receiving something from Foster or Brockway or if I had to contact them directly. They also mentioned that Charlie Mullin had looked at the ponds sometime within the past year or two and gave them his opinion that there was nothing wrong with the ponds and that no permits or authorizations were required. I believe Charlie had only seen the ponds in passing and that he was actually on the ranch in relation to some stream channel activity which may have been connected to some irrigation diversion and drop structures on the Little Lost River and Spring Creek.

I hope this information is of help. Contact me if you have any questions or if I can assist in reviewing or providing you with any of that other information within the transfer that was sent to Jim Johnson. You should know that Jim is having our Remote Sensing section provide us with some landsat images and data. We may be able to look for evidence of the ponds using this data.

Ponds 1, 2 and 3 can return water to the Little Lost River once they are filled and were doing so during my visit. Ponds 5 through 8 and any other ponds in that area do return or spill water to either the river or any tributary of the river.

#### Some Detailed Pond Information

- Pond 1 & 2: Water impounded by earthen berm/dam 210 ft. long and approx. 7 ft. high on downstream side. Water flows out of pond via 2 ft. wide metal corrugated stand pipe in pond, connected to horizontal pipe which passes water to downstream side of dam approx. 200 ft. above river. Water exiting this culvert will go to river. Pond length is about 180 ft. and perhaps about 5-6 ft deep at maximum. This pond narrows at inflow end and then widens again into pond no. 2. No measurements were taken on this pond but I would guess it is slightly smaller than pond 1.

- Pond 5: Earthen dam about 660 ft. in length (size of pond is

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about 650 ft. x 300 ft.). A mainline is connected between the well west of the pond and the pond itself. A culvert on the southwest corner of the pond can divert water to pond no. 7, while a second culvert and gate on the dam can divert or spill water to ponds 6 and 8.

enclosures: 1) map  
2) sketch of ponds and system  
3) photos  
4) photo negatives

P. S.

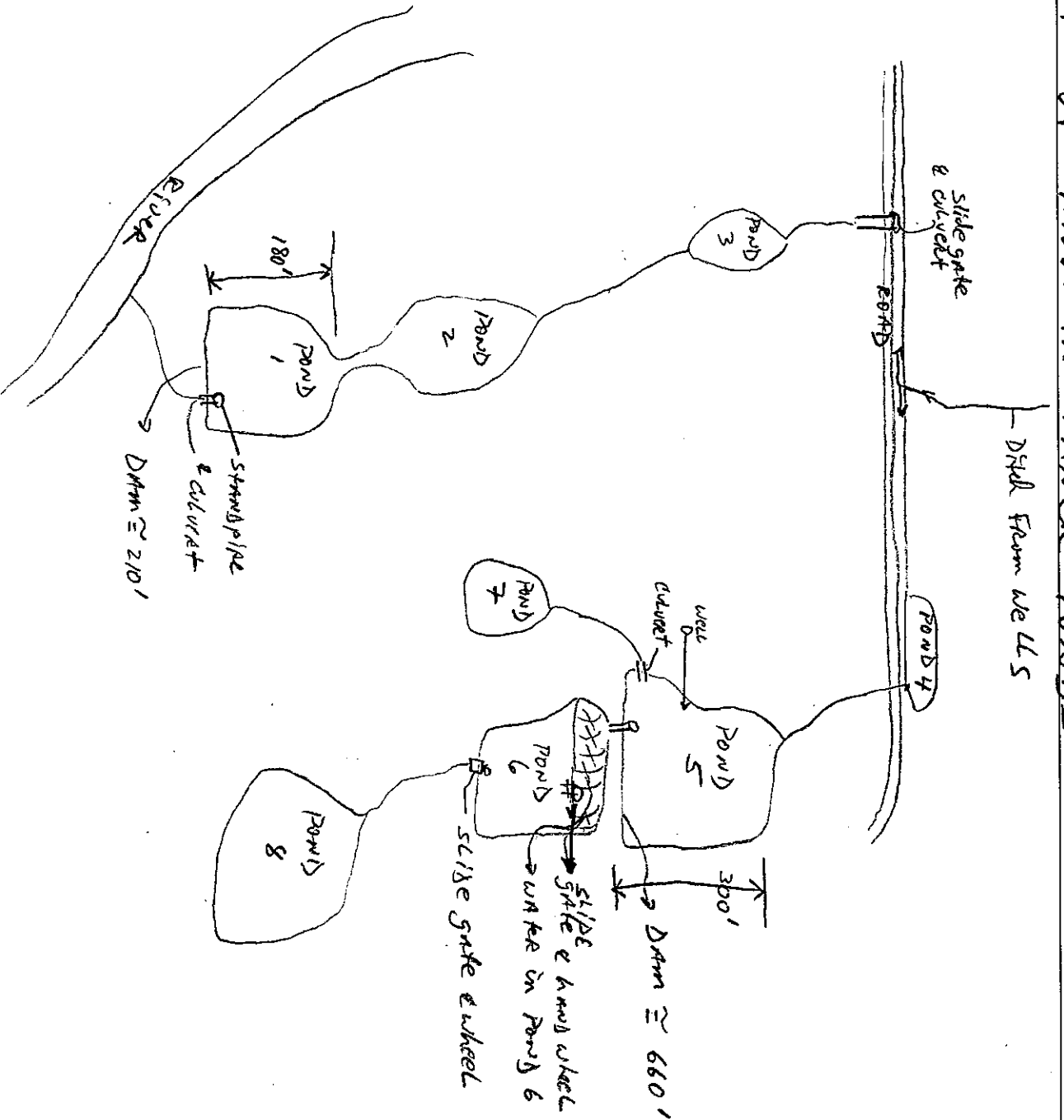
SKip;

You might want to contact Hawley  
& question past use of ponds during  
time his family owned Knollin Ranch

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# Rough sketch of HOLLIN Rock Ponds



|             |         |            |        |                   |            |
|-------------|---------|------------|--------|-------------------|------------|
| PROJECT     |         | Sagewillow |        | Revised 11/6/2000 |            |
| WATER RIGHT |         | 33-02133   |        |                   |            |
| Acreage     |         |            |        |                   | Director's |
| Township    | Section | Quarter    | Permit | License           | Report     |
| T7N R28E    | 5       |            |        |                   | Acres      |
|             |         | SE1/4SW1/4 | 40     | 40                |            |
|             |         |            |        |                   |            |
|             |         | SW1/4SE1/4 | 40     |                   |            |
|             |         |            |        |                   |            |
| T7N R28E    | 7       | NE1/4NE1/4 | 40     |                   | 40         |
|             |         | NW1/4NE1/4 | 40     |                   |            |
|             |         | SW1/4NE1/4 | 40     | 40                | 35         |
|             |         | SE1/4NE1/4 | 40     | 40                | 40         |
|             |         |            |        |                   |            |
|             |         | NE1/4NW1/4 | 40     |                   |            |
|             |         | NW1/4NW1/4 | 40     |                   |            |
|             |         | SW1/4NW1/4 | 40     | 40                | 35         |
|             |         | SE1/4NW1/4 | 40     | 40                | 38         |
|             |         |            |        |                   |            |
|             |         | NE1/4SW1/4 | 40     | 40                | 40         |
|             |         | NW1/4SW1/4 | 40     | 40                | 40         |
|             |         | SW1/4SW1/4 | 40     | 40                | 40         |
|             |         | SE1/4SW1/4 | 40     | 40                | 40         |
|             |         |            |        |                   |            |
|             |         | NE1/4SE1/4 | 40     | 40                | 40         |
|             |         | NW1/4SE1/4 | 40     | 40                | 40         |
|             |         | SW1/4SE1/4 | 40     | 40                | 40         |
|             |         | SE1/4SE1/4 | 40     | 40                | 40         |
|             |         |            |        |                   |            |
| T7N R28E    | 8       |            |        |                   |            |
|             |         | NW1/4NE1/4 | 40     |                   | 30         |
|             |         | SW1/4NE1/4 | 40     |                   | 30         |
|             |         |            |        |                   |            |
|             |         | NE1/4NW1/4 | 40     | 40                | 5          |
|             |         | NW1/4NW1/4 |        |                   | 40         |
|             |         | SW1/4NW1/4 | 40     | 40                | 40         |
|             |         | SE1/4NW1/4 | 40     | 40                | 20         |
|             |         |            |        |                   |            |
|             |         | NE1/4SW1/4 | 40     | 40                |            |
|             |         | NW1/4SW1/4 | 40     | 40                | 40         |
|             |         | SW1/4SW1/4 | 40     | 40                | 32         |
|             |         | SE1/4SW1/4 | 40     | 40                |            |
|             |         |            |        |                   |            |
|             |         | NW1/4SE1/4 | 40     | 40                | 30         |
|             |         | SW1/4SE1/4 | 40     | 40                | 20         |
|             |         |            |        |                   |            |
| T7N R28E    | 17      |            |        |                   |            |
|             |         | SW1/4SW1/4 | 40     | 40                |            |
|             |         |            |        |                   |            |

| Acreage  |         |            |  |        |         | Director's | Benefitted |
|----------|---------|------------|--|--------|---------|------------|------------|
| Township | Section | Quarter    |  | Permit | License | Report     | Acres      |
| T8N R27E | 18      | NE1/4NE1/4 |  |        |         |            | 40         |
|          |         | NW1/4NE1/4 |  |        |         | 40*        | 40         |
|          |         | SW1/4NE1/4 |  | 40     | 40      | 40*        | 40         |
|          |         | SE1/4NE1/4 |  | 40     | 40      |            | 40         |
|          |         |            |  |        |         |            |            |
|          |         | NE1/4NW1/4 |  |        |         | 40*        | 40         |
|          |         | NW1/4NW1/4 |  |        |         | 35*        | 40         |
|          |         | SW1/4NW1/4 |  |        |         | 10*        | 25         |
|          |         | SE1/4NW1/4 |  | 40     | 40      | 35*        | 38         |
|          |         |            |  |        |         |            |            |
|          |         | NW1/4SW1/4 |  |        |         | 20*        | 2          |
|          |         |            |  |        |         |            |            |
|          |         | NE1/4SE1/4 |  | 40     | 40      |            | 36         |
|          |         | NW1/4SE1/4 |  | 40     | 40      |            | 20         |
|          |         |            |  |        |         |            |            |
|          |         |            |  |        |         |            |            |
| T7N R27E | 1       | SW1/4SW1/4 |  |        |         | 30         | 2          |
|          |         |            |  |        |         |            |            |
| T7N R27E | 12      | NE1/4NE1/4 |  | 40     |         |            |            |
|          |         | NW1/4NE1/4 |  | 40     |         |            | 20         |
|          |         | SW1/4NE1/4 |  | 40     | 40      |            | 40         |
|          |         | SE1/4NE1/4 |  | 40     | 40      |            | 35         |
|          |         |            |  |        |         |            |            |
|          |         | NE1/4NW1/4 |  | 40     |         |            | 36         |
|          |         | NW1/4NW1/4 |  |        |         | 30         | 30         |
|          |         | SW1/4NW1/4 |  |        |         |            | 8          |
|          |         | SE1/4NW1/4 |  | 40     | 40      |            | 26         |
|          |         |            |  |        |         |            |            |
|          |         | NE1/4SW1/4 |  | 40     | 30      |            | 32         |
|          |         | SE1/4SW1/4 |  | 40     |         |            | 30         |
|          |         |            |  |        |         |            |            |
|          |         | NE1/4SE1/4 |  | 40     | 40      | 40         | 40         |
|          |         | NW1/4SE1/4 |  | 40     | 40      |            | 30         |
|          |         | SW1/4SE1/4 |  | 40     | 30      |            | 28         |
|          |         | SE1/4SE1/4 |  | 40     | 40      | 40         | 39         |
|          |         |            |  |        |         |            |            |
| T7N R27E | 13      | NE1/4NE1/4 |  | 40     | 20      | 30         | 25         |
|          |         | NW1/4NE1/4 |  | 40     |         | 38         | 35         |
|          |         |            |  |        |         |            |            |
|          |         | NE1/4NW1/4 |  | 40     |         | 40         | 3          |
|          |         |            |  |        |         |            |            |

| Acreage                                                                  |         |            |  |        |         | Director's | Benefitted |
|--------------------------------------------------------------------------|---------|------------|--|--------|---------|------------|------------|
| Township                                                                 | Section | Quarter    |  | Permit | License | Report     | Acres      |
| T8N R27E                                                                 | 34      |            |  |        |         |            |            |
|                                                                          |         | SW1/4NE1/4 |  | 40     |         |            |            |
|                                                                          |         |            |  |        |         |            |            |
|                                                                          |         | SE1/4NW1/4 |  | 40     |         |            |            |
|                                                                          |         |            |  |        |         |            |            |
|                                                                          |         | NE1/4SW1/4 |  | 40     |         |            |            |
|                                                                          |         | NW1/4SW1/4 |  | 40     |         |            |            |
|                                                                          |         | SW1/4SW1/4 |  | 40     |         |            |            |
|                                                                          |         | SE1/4SW1/4 |  | 40     |         |            |            |
|                                                                          |         |            |  |        |         |            |            |
|                                                                          |         | NW1/4SE1/4 |  | 40     |         |            |            |
|                                                                          |         | SW1/4SE1/4 |  | 40     |         |            |            |
|                                                                          |         | SE1/4SE1/4 |  |        |         |            |            |
|                                                                          |         |            |  |        |         |            |            |
| T8N R28E                                                                 | 20      |            |  |        |         |            |            |
|                                                                          |         | NW1/4NE1/4 |  | 40     |         |            |            |
|                                                                          |         |            |  |        |         |            |            |
|                                                                          |         | NE1/4NW1/4 |  | 40     |         |            |            |
|                                                                          |         | NW1/4NW1/4 |  | 40     |         |            |            |
|                                                                          |         |            |  |        |         |            |            |
| TOTAL                                                                    |         |            |  | 2440   | 1440    | 698        | 1440       |
| * Acreage listed on Director's Report is in T7N R27E. Should be T7N R28E |         |            |  |        |         |            |            |

| Sage Willow Ranch E. Dunke          |        |       |            |           |          |    |          |                                                   |  |
|-------------------------------------|--------|-------|------------|-----------|----------|----|----------|---------------------------------------------------|--|
| Irrigation System, Ponds and Wells  |        |       |            |           |          |    |          |                                                   |  |
| Pond Numbers and Volumes            |        |       |            |           |          |    |          |                                                   |  |
| Survey by C.E. Brockway April, 1991 |        |       |            |           |          |    |          |                                                   |  |
| Pond No.                            | Length | Width | Avg. Depth | Volume    | Location |    |          |                                                   |  |
|                                     | feet   | feet  | feet       | acre feet |          |    |          |                                                   |  |
| 1                                   | 800    | 500   | 5          | 45.91     | SWNW     | 7  | T7N R18E | Fed from river diversion , wells 4,5,11           |  |
|                                     |        |       |            |           | SENE     | 12 | T7N R17E | and homestead east spring. Outlet flows to Pond#2 |  |
| 2                                   | 800    | 500   | 7          | 64.28     | NWSW     | 7  | T7N R18E | Banks lined with bentonite in 1992                |  |
| 3                                   | 300    | 200   | 5          | 6.89      | SWSW     | 7  | T7N R18E | Fed from outflow from Pond #1 and/or Well #6      |  |
| 4                                   | 400    | 250   | 4          | 9.18      | SWSW     | 7  | T7N R18E | Edges lined with bentonite in 1992                |  |
| 5                                   | 150    | 50    | 3          | 0.52      | SESE     | 12 | T7N R17E | Fed by outflow from Pond #2 and Well #6           |  |
| 6                                   | 250    | 250   | 5          | 7.17      | SWSW     | 7  | T7N R18E | Fed by outflow from Pond #2 and Well #6           |  |
| 7                                   | 250    | 150   | 4          | 3.44      | SESE     | 12 | T7N R17E | and a small spring in the pond.                   |  |
| 8                                   | 175    | 80    | 4          | 1.29      | SWNE     | 18 | T7N R18E | Fed by outflow from Pond #4                       |  |
| 9                                   | 250    | 150   | 4          | 3.44      | SWNE     | 18 | T7N R18E | Fed by outflow from Pond #7                       |  |
| 10                                  | 200    | 100   | 3          | 1.38      | SWNE     | 18 | T7N R18E | Outflow goes to south for irrigation              |  |
| 11                                  | 200    | 100   | 3          | 1.38      | SWNE     | 18 | T7N R18E | Fed by outflow from Pond #7                       |  |
| 12                                  | 150    | 50    | 3          | 0.52      | SWNE     | 18 | T7N R18E | Outflow goes to Pond #10                          |  |
| 13                                  | 150    | 50    | 3          | 0.52      | SWNE     | 18 | T7N R18E | Fed by outflow from Pond #9 or Wells 6,7,8        |  |
| 14                                  | 100    | 50    | 3          | 0.34      | SWNE     | 18 | T7N R18E | Outflow goes to Pond #11                          |  |
| 15                                  |        |       |            |           |          |    |          | Outflow goes to Pond #10                          |  |
| 16                                  |        |       |            |           |          |    |          | Outflow goes to Pond #9                           |  |
| 17                                  |        |       |            |           |          |    |          | Outflow goes to Pond #8                           |  |
| 18                                  |        |       |            |           |          |    |          | Outflow goes to Pond #7                           |  |
| 19                                  |        |       |            |           |          |    |          | Outflow goes to Pond #6                           |  |
| 20                                  |        |       |            |           |          |    |          | Outflow goes to Pond #5                           |  |
| 21                                  |        |       |            |           |          |    |          | Outflow goes to Pond #4                           |  |
| 22                                  |        |       |            |           |          |    |          | Outflow goes to Pond #3                           |  |
| 23                                  |        |       |            |           |          |    |          | Outflow goes to Pond #2                           |  |
| 24                                  |        |       |            |           |          |    |          | Outflow goes to Pond #1                           |  |
| 25                                  |        |       |            |           |          |    |          | Outflow goes to Pond #0                           |  |

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