

Legals

T34N R74W
Sections: 12-14, 23-24
Sec. 22: E½

T34N R73W
Sections: 3-5, 7-10, 14-18,
19-23, 26-27, 34-35
Sec. 2: W½W½
Sec. 6: S½
Sec. 11: W½W½
Sec. 24: S½
Sec. 25: W½, W½E½, NE½NE½
Sec. 28: E½
Sec. 36: W½, W½E½

T34N R72W
Sec. 19: SW¼
Sec. 30: N½NW¼

T33N R73W
Sec. 1: NW¼NE¼, N½NW¼
Sec. 2: N½N½
Sec. 3: N½N½

Drawn by D.Hawley
Checked by W. Stansbury
Date Drawn 9/2/08

Scale 1"=800'
Projection: NAD 1983, UTM Zone 13
Year of CIR photo: 2001/2002

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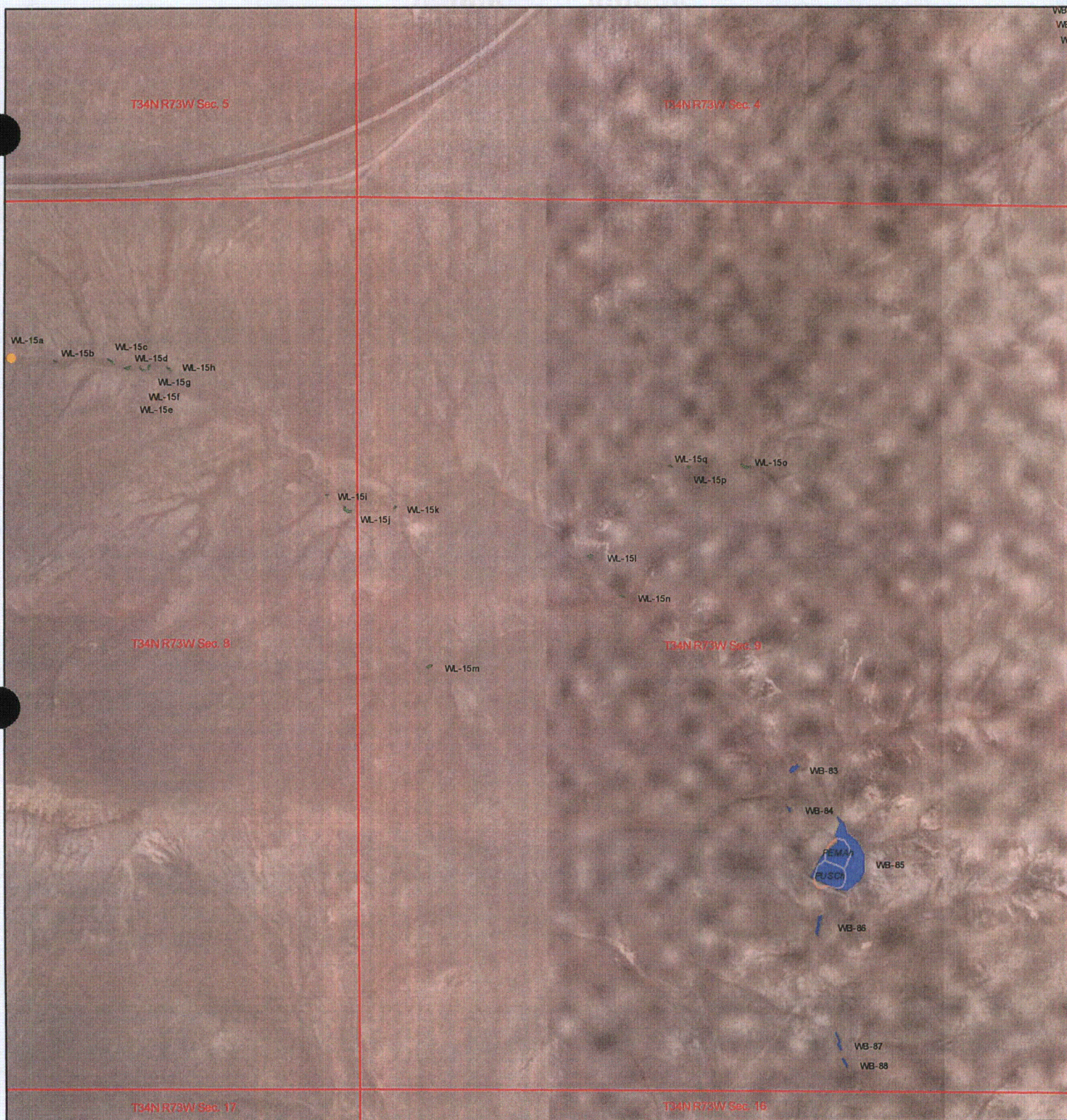
Figure 3.5-19

Ludeman Wetland Map (Sage Creek Tributary 4-N1)

Legend

- Soil Pit
- Waterbody
- Wetland
- Ludeman License Area
- Township/Range Line
- Section Line
- 1981 NWI Mapping





Legals

T34N R74W
Sections: 12-14, 23-24
Sec. 22: E½

T34N R73W
Sections: 3-5, 7-10, 14-18,
19-23, 26-27, 34-35
Sec. 2: W½W½
Sec. 6: S¼
Sec. 11: W½W½
Sec. 24: S¼
Sec. 25: W½, W½E½, NE¼NE¼
Sec. 28: E½
Sec. 36: W½, W½E½

T34N R72W
Sec. 19: SW¼
Sec. 30: N½NW¼

T33N R73W
Sec. 1: NW¼NE¼, N½NW¼
Sec. 2: N½N½
Sec. 3: N½N½

Drawn by D.Hawley
Checked by W. Stansbury
Date Drawn 9/2/08
Scale 1"=800'
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Year of CIR photo: 2001/2002
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Figure 3.5-20

Ludeman Wetland Map (Sage Creek Tributary 4-N2)

Legend

- Soil Pit
- Waterbody
- Wetland
- Ludeman License Area
- Township/Range Line
- Section Line
- 1981 NWI Mapping





Legals

T34N R74W
Sections: 12-14, 23-24
Sec. 22: E½

T34N R73W
Sections: 3-5, 7-10, 14-18,
19-23, 26-27, 34-35
Sec. 2: W½W½
Sec. 6: S½
Sec. 11: W½W½
Sec. 24: S½
Sec. 25: W½, W½E½, NE½NE½
Sec. 28: E½
Sec. 36: W½, W½E½

T34N R72W
Sec. 19: SW¼
Sec. 30: N½NW¼

T33N R73W
Sec. 1: NW¼NE¼, N½NW¼
Sec. 2: N½N½
Sec. 3: N½N½

Drawn by D.Hawley
Checked by W. Stansbury
Date Drawn 9/2/08
Scale 1"=800'
Projection: NAD 1983, UTM Zone 13
Year of CIR photo: 2001/2002
File: E:\Glenbrook\Wetlands\Ludeman Wetlands 8x11.mxd



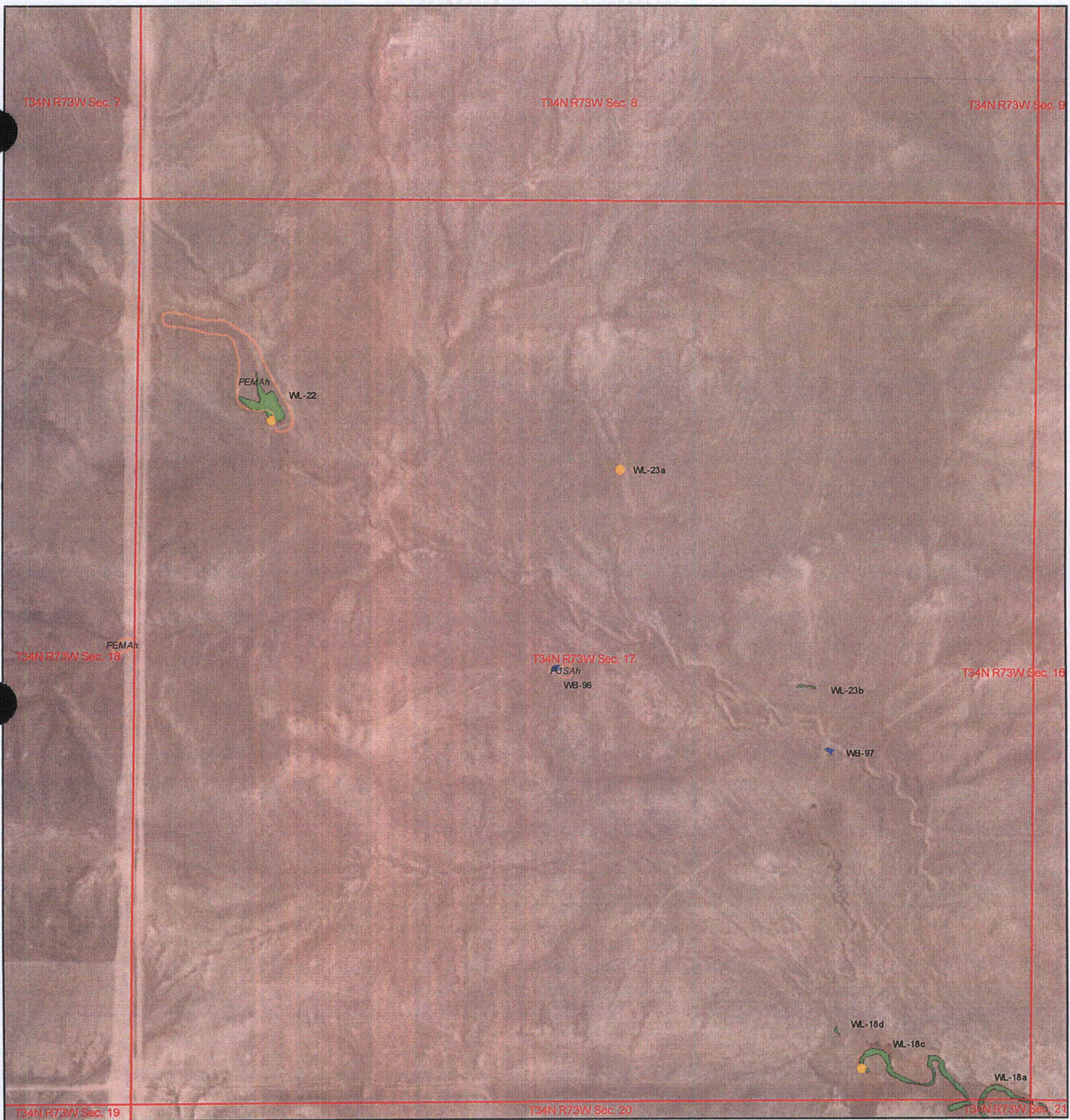
Figure 3.5-21

Ludeman Wetland Map (Sage Creek Tributary 4-NW1)

Legend

- Soil Pit
- Waterbody
- Wetland
- Ludeman License Area
- Township/Range Line
- Section Line
- 1981 NWI Mapping





Legals

T34N R74W
Sections: 12-14, 23-24
Sec. 22: E½

T34N R73W
Sections: 3-5, 7-10, 14-18,
19-23, 26-27, 34-35
Sec. 2: W½W½
Sec. 6: S½
Sec. 11: W½W½
Sec. 24: S½
Sec. 25: W½, W½E½, NE¼NE¼
Sec. 28: E½
Sec. 36: W½, W½E½

T34N R72W
Sec. 19: SW¼
Sec. 30: N½NW½

T33N R73W
Sec. 1: NW¼NE¼, N½NW½
Sec. 2: N½N½
Sec. 3: N½N½

Drawn by D.Hawley

Checked by W. Stansbury
Date Drawn 9/2/08

Scale 1"=800'
Projection: NAD 1983, UTM Zone 13
Year of CIR photo: 2001/2002
File: E:\Glenrock\WY\Wetlands\Ludeman Wetlands 8x11.mxd



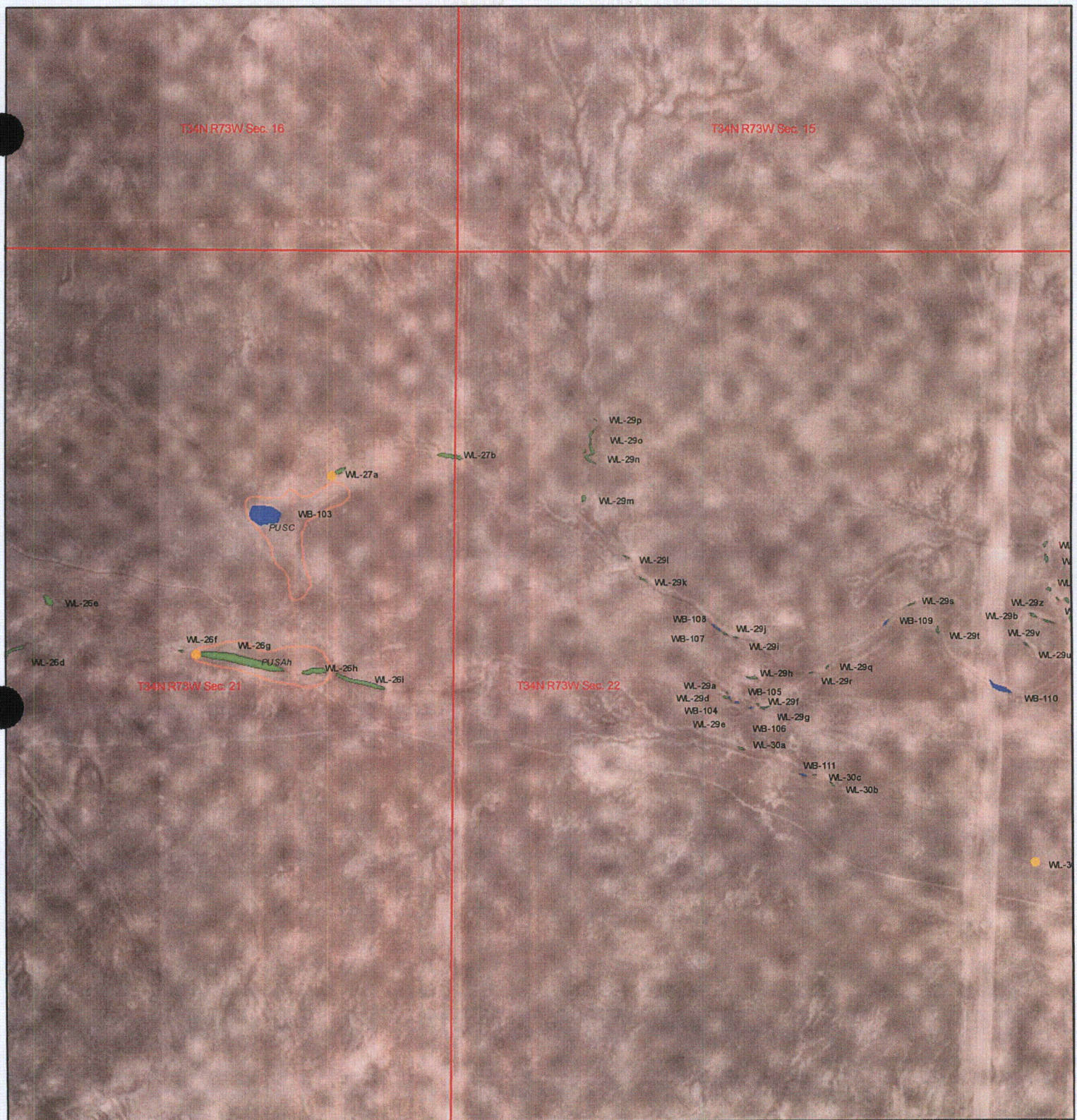
Figure 3.5-22

Ludeman Wetland Map (Sage Creek Tributary 4-NW2)

Legend

- Soil Pit
- Waterbody
- Wetland
- Ludeman License Area
- Township/Range Line
- Section Line
- 1981 NWI Mapping





Legals

T34N R74W
Sections: 12-14, 23-24
Sec. 22: E½

T34N R73W
Sections: 3-5, 7-10, 14-18,
19-23, 26-27, 34-35
Sec. 2: W½W½
Sec. 6: S½

Sec. 11: W½W½

Sec. 24: S½

Sec. 25: W½, W½E½, NE½NE½

Sec. 28: E½

Sec. 36: W½, W½E½

T34N R72W
Sec. 19: SW¼
Sec. 30: N½NW¼

T33N R73W
Sec. 1: NW¼NE½, N½NW¼
Sec. 2: N½N½
Sec. 3: N½N½



Figure 3.5-23

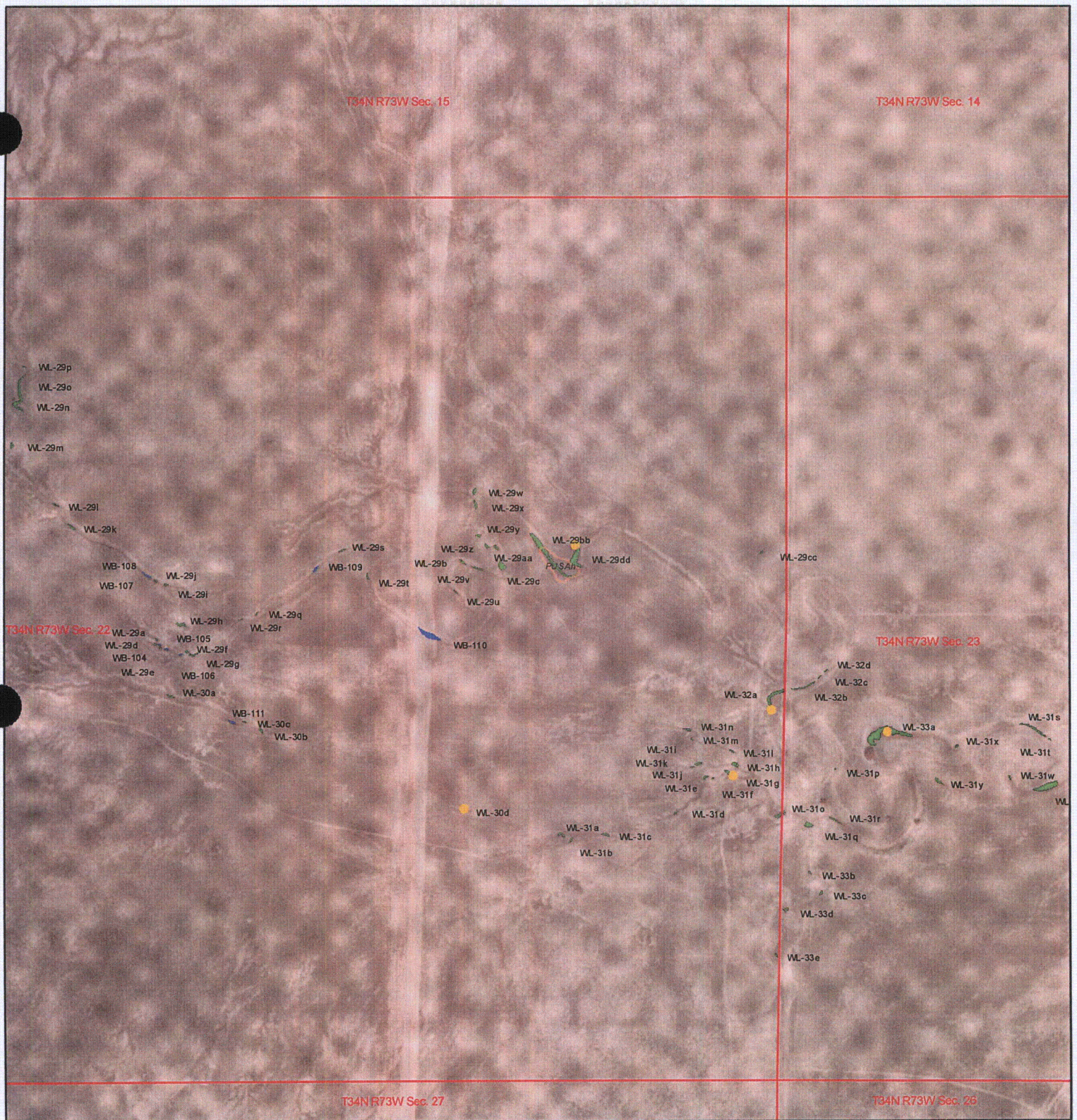
Ludeman Wetland Map (Sage Creek Tributary 4-S-1)

Legend

- Soil Pit
- Waterbody
- Wetland
- ▬ Ludeman License Area
- ▬ Township/Range Line
- ▬ Section Line
- ▬ 1981 NWI Mapping



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Checked by W. Stansbury
Date Drawn 9/2/08
Scale 1"=800'
Projection: NAD 1983, UTM Zone 13
Year of CIR photo: 2001/2002
File: E:\Glenrock\Wetlands\Ludeman Wetlands 8x11.mxd



Legals

T34N R74W
Sections: 12-14, 23-24
Sec. 22: E½
T34N R73W
Sections: 3-5, 7-10, 14-18,
19-23, 26-27, 34-35
Sec. 2: W½W½
Sec. 6: S½
Sec. 11: W½W½
Sec. 24: S½
Sec. 25: W½, W½E½, NE½NE½
Sec. 28: E½
Sec. 36: W½, W½E½

T34N R72W
Sec. 19: SW¼
Sec. 30: N½NW¼
T33N R73W
Sec. 1: NW¼NE¼, N½NW¼
Sec. 2: N½N½
Sec. 3: N½N½

Drawn by D.Hawley
Checked by W. Stansbury
Date Drawn 9/2/08
Scale 1"=800'
Projection: NAD 1983, UTM Zone 13
Year of CIR photo: 2001/2002

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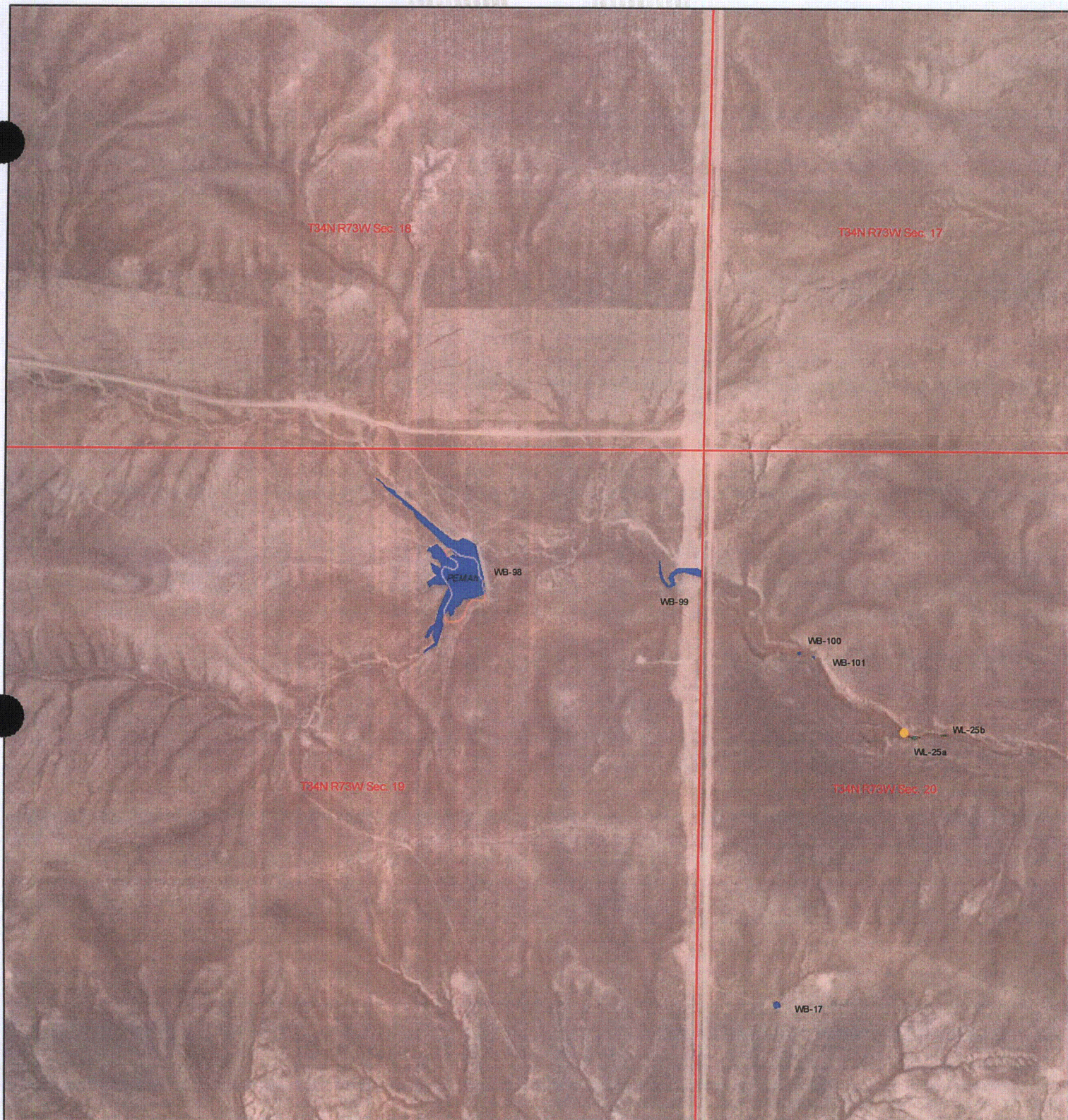
Figure 3.5-24

Ludeman Wetland Map (Sage Creek Tributary 4-S-2)

Legend

- Soil Pit
- Waterbody
- Wetland
- Ludeman License Area
- Township/Range Line
- Section Line
- 1981 NWI Mapping





Legals

T34N R74W
Sections: 12-14, 23-24
Sec. 22: E½

T34N R73W
Sections: 3-5, 7-10, 14-18,
19-23, 26-27, 34-35
Sec. 2: W½W½
Sec. 6: S½
Sec. 11: W½W½
Sec. 24: S½
Sec. 25: W½, W½E½, NE¼NE¼
Sec. 28: E½
Sec. 36: W½, W½E½

T34N R72W
Sec. 19: SW¼
Sec. 30: N½NW¼

T33N R73W
Sec. 1: NW¼NE¼, N½NW¼
Sec. 2: N½N½
Sec. 3: N½N½

Drawn by D.Hawley
Checked by W. Stansbury
Date Drawn 9/2/08
Scale 1"=800'
Projection: NAD 1983, UTM Zone 13
Year of CIR photo: 2001/2002
File: E:\Glerock\WY\Wetlands\Ludeman Wetlands 8x11.mxd



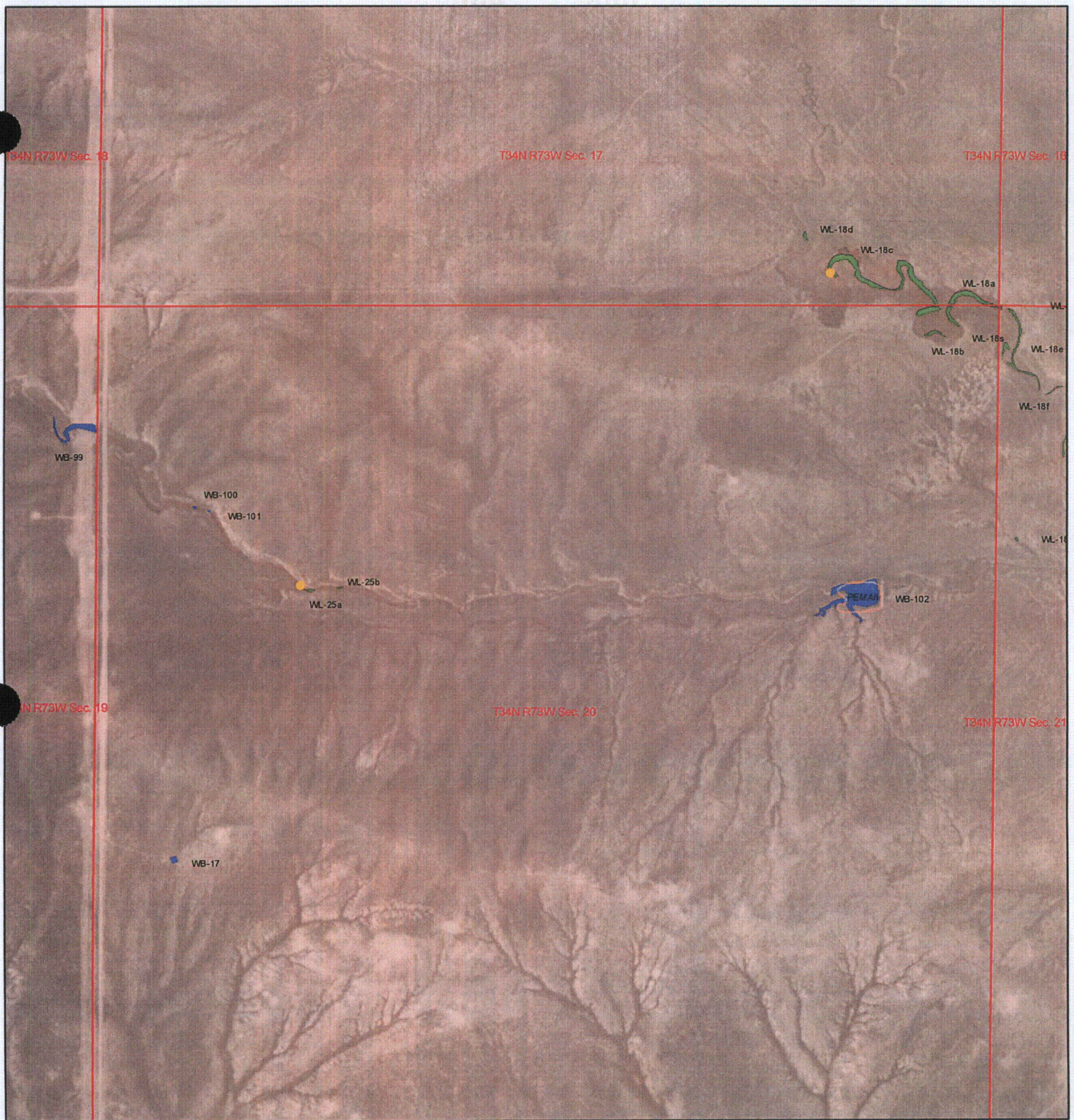
Figure 3.5-25

Ludeman Wetland Map (Sage Creek Tributary 4-W-1)

Legend

- Soil Pit
- Waterbody
- Wetland
- ▭ Ludeman License Area
- ▭ Township/Range Line
- ▭ Section Line
- ▭ 1981 NWI Mapping





Legals

T34N R74W
Sections: 12-14, 23-24
Sec. 22: E½

T34N R73W
Sections: 3-5, 7-10, 14-18,
19-23, 26-27, 34-35
Sec. 2: W½W½
Sec. 6: S½
Sec. 11: W½W½
Sec. 24: S½
Sec. 25: W½, W½E½, NE½NE½
Sec. 28: E½
Sec. 36: W½, W½E½

T34N R72W
Sec. 19: SW¼
Sec. 30: N½NW¼

T33N R73W
Sec. 1: NW¼NE¼, N½NW¼
Sec. 2: N½N½
Sec. 3: N½N½



Figure 3.5-26

Ludeman Wetland Map (Sage Creek Tributary 4-W-2)

Legend

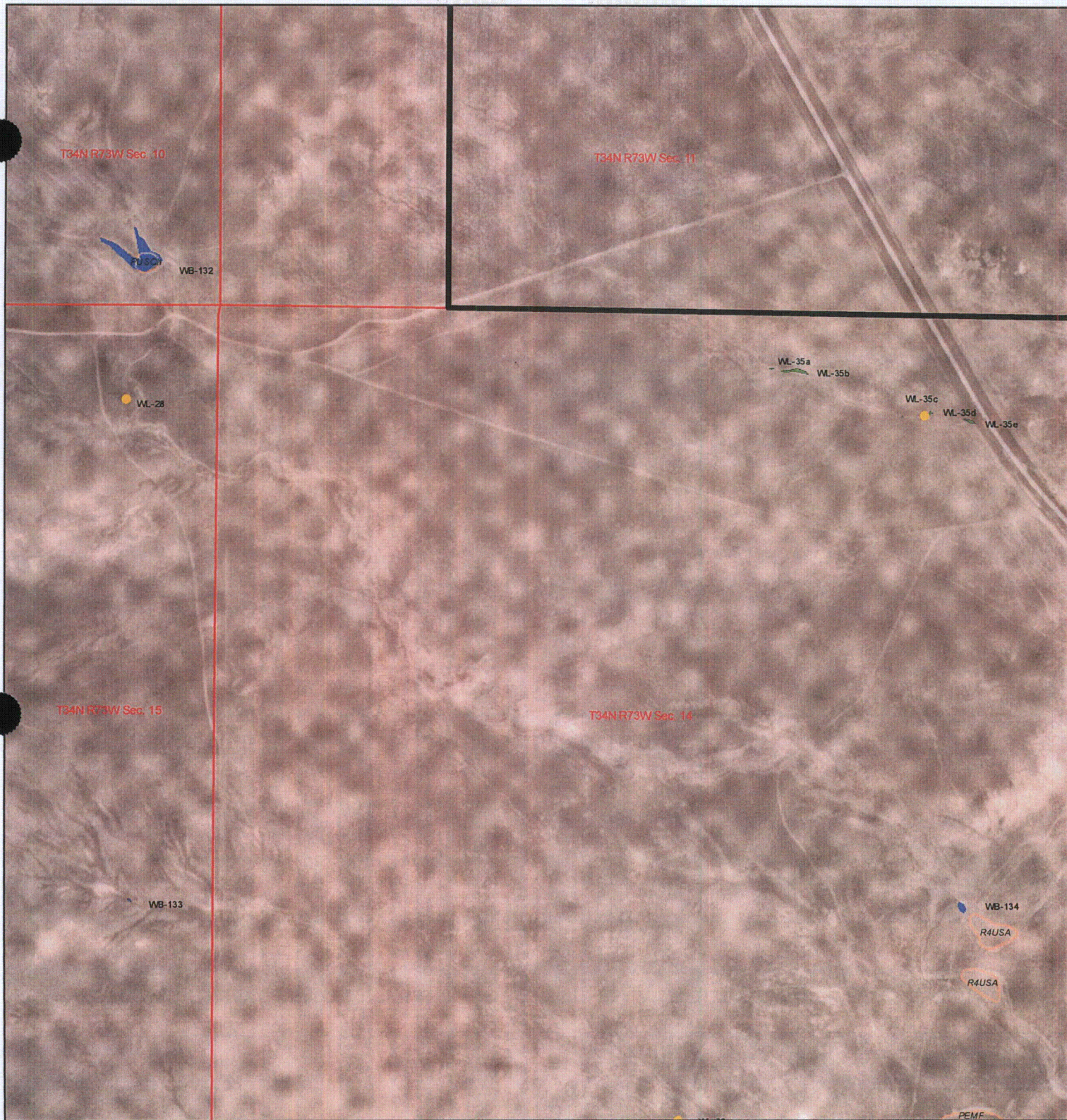
- Soil Pit
- Waterbody
- Wetland
- Ludeman License Area
- Township/Range Line
- Section Line
- 1981 NWI Mapping



Drawn by D Hawley
Checked by W. Stansbury
Date Drawn 9/2/08

Scale 1"=800'
Projection: NAD 1983, UTM Zone 13
Year of CIR photo: 2001/2002

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Legals

T34N R74W
Sections: 12-14, 23-24
Sec. 22: E½

T34N R73W
Sections: 3-5, 7-10, 14-18,
19-23, 26-27, 34-35
Sec. 2: W½W½
Sec. 6: S½
Sec. 11: W½W½
Sec. 24: S½
Sec. 25: W½, W½E½, NE½NE½
Sec. 28: E½
Sec. 36: W½, W½E½

T34N R72W
Sec. 19: SW¼
Sec. 30: N½NW¼

T33N R73W
Sec. 1: NW¼NE¼, N½NW¼
Sec. 2: N½N½
Sec. 3: N½N½

Drawn by D.Hawley
Checked by W. Stansbury
Date Drawn 9/2/08

Scale 1"=800'
Projection: NAD 1983, UTM Zone 13
Year of CIR photo: 2001/2002

File: E:\Glenrock\WY\Wetlands\Ludeman Wetlands & 11.mxd



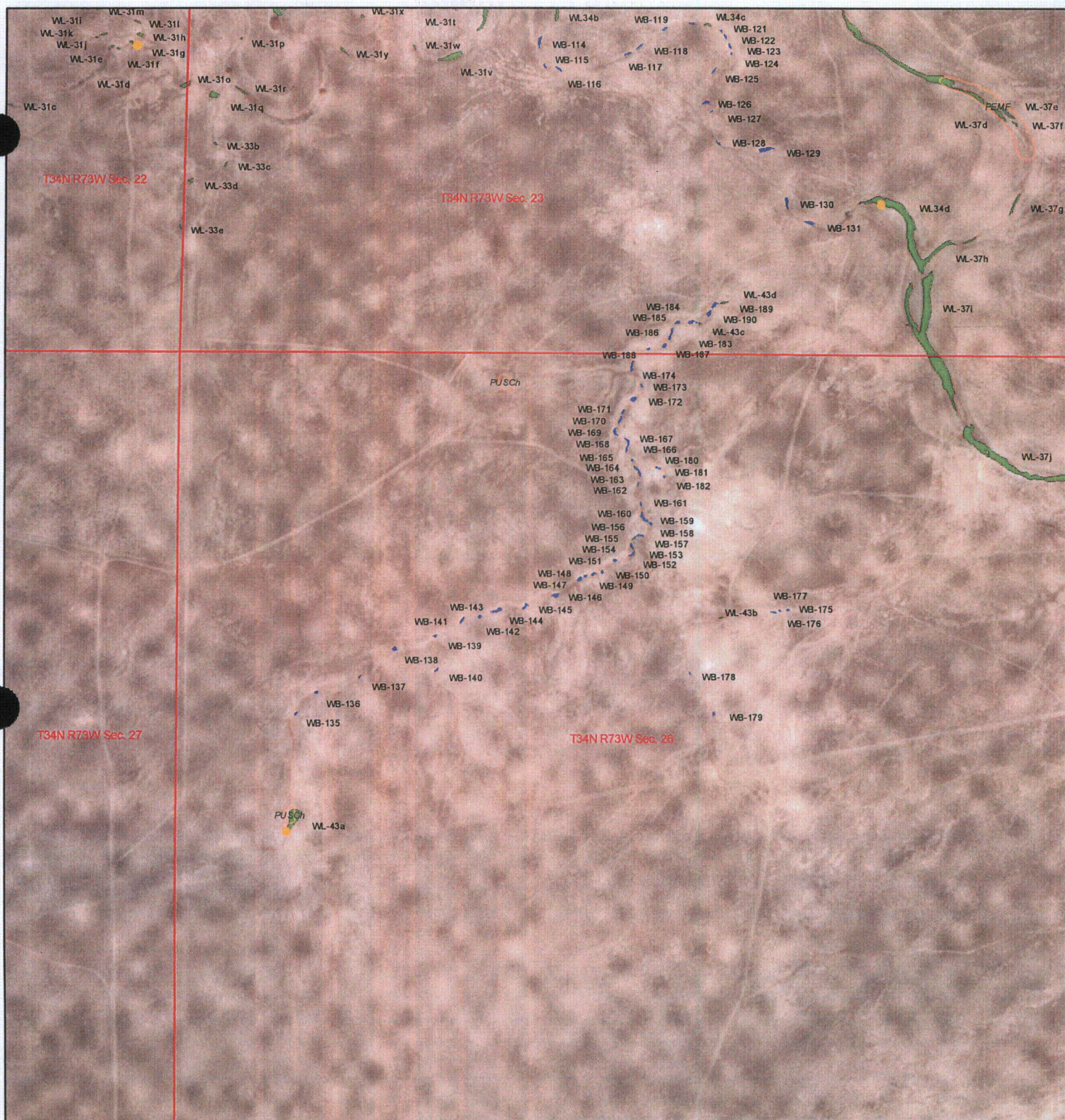
TREC, Inc.
Figure 3.5-27

Ludeman Wetland Map (Sage Creek Tributary 5)

Legend

- Soil Pit
- Waterbody
- Wetland
- ▣ Ludeman License Area
- ▣ Township/Range Line
- ▣ Section Line
- ▣ 1981 NWI Mapping





Legals

T34N R74W
Sections: 12-14, 23-24
Sec. 22: E½

T34N R73W
Sections: 3-5, 7-10, 14-18,
19-23, 26-27, 34-35
Sec. 2: W½W½
Sec. 6: S½
Sec. 11: W½W½
Sec. 24: S½
Sec. 25: W½, W½E½, NE½NE½
Sec. 28: E½
Sec. 36: W½, W½E½

T34N R72W
Sec. 19: SW¼
Sec. 30: N½NW¼

T33N R73W
Sec. 1: NW¼NE¼, N½NW¼
Sec. 2: N½N½
Sec. 3: N½N½

Drawn by D.Hawley
Checked by W. Stansbury
Date Drawn 9/2/08
Scale 1"=800'
Projection: NAD 1983, UTM Zone 13
Year of CIR photo: 2001/2002

File: E:\Glenrock\WY\Wetlands\Ludeman Wetlands 8x11.mxd



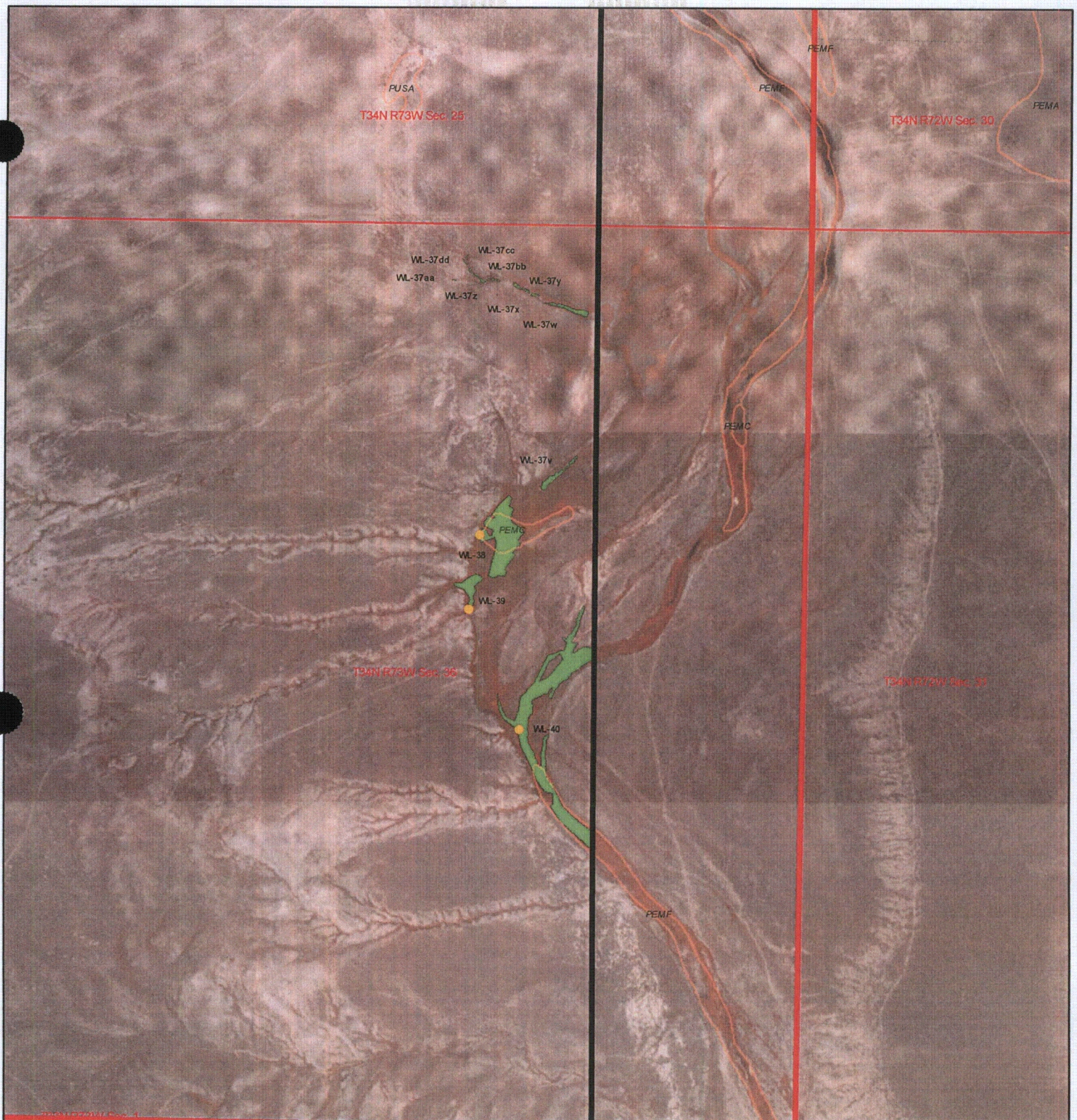
Figure 3.5-28

Ludeman Wetland Map (Sage Creek Tributary 6)

Legend

- Soil Pit
- Waterbody
- Wetland
- Ludeman License Area
- Township/Range Line
- Section Line
- 1981 NWI Mapping





Legals

T34N R74W
Sections: 12-14, 23-24
Sec. 22: E½
T34N R73W
Sections: 3-5, 7-10, 14-18,
19-23, 26-27, 34-35
Sec. 2: W½W½
Sec. 6: S½
Sec. 11: W½W½
Sec. 24: S½
Sec. 25: W½, W½E½, NE½NE½
Sec. 28: E½
Sec. 36: W½, W½E½

T34N R72W
Sec. 19: SW¼
Sec. 30: N½NW¼
T33N R73W
Sec. 1: NW¼NE¼, N½NW¼
Sec. 2: N½N½
Sec. 3: N½N½

Drawn by D.Hawley
Checked by W. Stansbury
Date Drawn 9/2/08
Scale 1"=800'
Projection: NAD 1983, UTM Zone 13
Year of CIR photo: 2001/2002
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TREC, Inc.

Figure 3.5-33

Ludeman Wetland Map (Sage Creek-4)

Legend

- Soil Pit
- Waterbody
- Wetland
- Ludeman License Area
- Township/Range Line
- Section Line
- 1981 NWI Mapping



**THIS PAGE IS AN
OVERSIZED DRAWING OR
FIGURE,
THAT CAN BE VIEWED AT THE
RECORD TITLED:**

**“FIGURE 3.5-34,
LUDEMAN SOILS MAP”**

WITHIN THIS PACKAGE

D-04

ADDENDUM 3.5-G
WETLAND SUMMARY

| LUDEMAN PROJECT WETLAND SUMMARY | | | | | | | | |
|------------------------------------|------------------------------|-----------------|-----------------|-------------------------------------|--|-----------------------|----------------------|---|
| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
| WL-1a | T34NR74W14 | 2,371 | 0.054 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1b | T34NR74W14 | 1,422 | 0.033 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1c | T34NR74W14 | 1,220 | 0.028 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1d | T34NR74W14 | 754 | 0.017 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1e | T34NR74W14 | 1,159 | 0.027 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1f | T34NR74W14 | 111 | 0.003 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1g | T34NR74W14 | 323 | 0.007 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1h | T34NR74W14 | 329 | 0.008 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1i | T34NR74W14 | 556 | 0.013 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1j | T34NR74W14 | 784 | 0.018 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1k | T34NR74W14 | 2,431 | 0.056 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1l | T34NR74W14 | 266 | 0.006 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |

| LUDEMAN PROJECT WETLAND SUMMARY | | | | | | | | |
|------------------------------------|------------------------------|-----------------|-----------------|-------------------------------------|--|-------------------------|---------------------------------------|---|
| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
| WL-1m | T34NR74W14 | 15,451 | 0.355 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1n | T34NR74W14 | 562 | 0.013 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1o | T34NR74W14 | 31,491 | 0.723 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1p | T34NR74W14 | 8,292 | 0.190 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-1q | T34NR74W14 | 5,166 | 0.119 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | Little Sand Creek | jurisdictional |
| WL-2 | T34NR74W14 | 241 | 0.006 | Little Sand Creek 1, Trib 3, Trib 4 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-4 | T34NR74W14 | 1,857 | 0.043 | Little Sand Creek 1, Trib 3, Trib 4 | na | Depression | Little Sand Creek | jurisdictional |
| WB-5 | T34NR74W14 | 607 | 0.014 | Little Sand Creek 1, Trib 3, Trib 4 | na | Depression | Little Sand Creek | jurisdictional |
| WB-6 | T34NR74W14 | 4,882 | 0.112 | Little Sand Creek 1, Trib 3, Trib 4 | na | Depression | Little Sand Creek | jurisdictional |
| WB-7 | T34NR74W14 | 50,420 | 1.157 | Little Sand Creek 1, Trib 3, Trib 4 | na | Dike within drainage | stock pond in Little Sand Creek | jurisdictional |
| WB-8 | T34NR74W14 | 3,457 | 0.079 | Little Sand Creek 1, Trib 3, Trib 4 | na | Depression | Isolated - at well | non-jurisdictional |
| WB-9 | T34NR74W14 | 4,210 | 0.097 | Little Sand Creek 1, Trib 3, Trib 4 | na | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|-------------------------------------|--|-------------------------------|---------------------------|---|
| WB-10 | T34NR74W14 | 6,535 | 0.150 | Little Sand Creek 1, Trib 3, Trib 4 | na | Depression | in drainage | non-jurisdictional |
| WB-11 | T34NR74W14 | 126 | 0.003 | Little Sand Creek 1, Trib 3, Trib 4 | na | Depression | in drainage | non-jurisdictional |
| WB-12 | T34NR74W14 | 1,177 | 0.027 | Little Sand Creek 1, Trib 3, Trib 4 | na | Depression | in drainage | non-jurisdictional |
| WB-13 | T34NR74W13 | 5,315 | 0.122 | Little Sand Creek 1, Trib 3, Trib 4 | na | Diked drainage | | non-jurisdictional |
| WB-14 | T34NR74W23 | 3,279 | 0.075 | Little Sand Creek 1, Trib 3, Trib 4 | na | Depression | in drainage | non-jurisdictional |
| WB-15 | T34NR74W23 | 256 | 0.006 | Little Sand Creek 1, Trib 3, Trib 4 | na | Depression | in drainage | non-jurisdictional |
| WB-16 | T34NR74W23 | 20,048 | 0.460 | Little Sand Creek 1, Trib 3, Trib 4 | na | Diked drainage | | non-jurisdictional |
| WL-3a | T34NR74W22 | 146,825 | 3.371 | Little Sand Creek 2 | PEMF/PUBF | Depression | Little Sand Creek | jurisdictional |
| WL-3b | T34NR74W22 | 216,350 | 4.967 | Little Sand Creek 2 | PEMF/PUBF | Depression | Little Sand Creek | jurisdictional |
| WL-3c | T34NR74W23 | 85,290 | 1.958 | Little Sand Creek 2 | PEMF/PUBF | Depression | Little Sand Creek | jurisdictional |
| WB-1 | T34NR74W12 | 5,879 | 0.135 | Little Sand Creek Trib 1, Trib 2 | na | Diked drainage | | non-jurisdictional |
| WB-2 | T34NR74W12 | 331 | 0.008 | Little Sand Creek Trib 1, Trib 2 | na | Depression | Isolated | non-jurisdictional |
| WB-3 | T34NR74W12 | 4,883 | 0.112 | Little Sand Creek Trib 1, Trib 2 | na | Diked drainage | | non-jurisdictional |
| WB-17 | T34NR73W20 | 940 | 0.022 | Running Dutchman Ditch Trib 1 | na | Depression | Isolated - at windmill | non-jurisdictional |

| LUDEMAN PROJECT WETLAND SUMMARY | | | | | | | | |
|------------------------------------|------------------------------|-----------------|-----------------|---------------------------------|--|-----------------------|-------------|---|
| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
| WB-18 | T34NR73W19 | 3,340 | 0.077 | Running Dutchman Ditch Trib 1 | na | Diked drainage | | non-jurisdictional |
| WB-19 | T34NR73W19 | 32,692 | 0.751 | Running Dutchman Ditch Trib 1 | na | Diked drainage | | non-jurisdictional |
| WB-20 | T34NR73W19 | 1,596 | 0.037 | Running Dutchman Ditch Trib 1 | na | Depression | in drainage | non-jurisdictional |
| WB-21 | T34NR73W20 | 17,030 | 0.391 | Running Dutchman Ditch Trib 1 | na | Diked drainage | | non-jurisdictional |
| WB-22 | T34NR73W27 | 61 | 0.001 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-23 | T34NR73W27 | 206 | 0.005 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-24 | T34NR73W27 | 69 | 0.002 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-25 | T34NR73W27 | 286 | 0.007 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-26 | T34NR73W27 | 104 | 0.002 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-27 | T34NR73W27 | 146 | 0.003 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-28 | T34NR73W27 | 348 | 0.008 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-29 | T34NR73W27 | 67 | 0.002 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-30 | T34NR73W27 | 71 | 0.002 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-31 | T34NR73W27 | 511 | 0.012 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-32 | T34NR73W27 | 111 | 0.003 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-33 | T34NR73W27 | 471 | 0.011 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-34 | T34NR73W28 | 105 | 0.002 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-35 | T34NR73W28 | 85 | 0.002 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|---------------------------------|--|-------------------------------|-----------------|---|
| WB-36 | T34NR73W28 | 275 | 0.006 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-37 | T34NR73W28 | 67 | 0.002 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-38 | T34NR73W28 | 515 | 0.012 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-39 | T34NR73W28 | 31 | 0.001 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-40 | T34NR73W28 | 164 | 0.004 | Running Dutchman Ditch Trib 2-1 | na | Diked drainage | | non-jurisdictional |
| WB-41 | T34NR73W28 | 58 | 0.001 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WB-42 | T34NR73W28 | 37 | 0.001 | Running Dutchman Ditch Trib 2-1 | na | Depression | in drainage | non-jurisdictional |
| WL-4 | T34NR73W28 | 1,110 | 0.025 | Running Dutchman Ditch Trib 2-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WB-43 | T34NR73W28 | 221,643 | 5.088 | Running Dutchman Ditch Trib 2-2 | na | Diked drainage | | non-jurisdictional |
| WB-44 | T34NR73W27 | 615 | 0.014 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-45 | T34NR73W27 | 296 | 0.007 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-46 | T34NR73W27 | 123 | 0.003 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-47 | T34NR73W27 | 365 | 0.008 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-48 | T34NR73W27 | 1,274 | 0.029 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-49 | T34NR73W27 | 688 | 0.016 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-50 | T34NR73W27 | 87 | 0.002 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-51 | T34NR73W27 | 235 | 0.005 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-52 | T34NR73W27 | 52 | 0.001 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-53 | T34NR73W27 | 3,243 | 0.074 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |

| LUDEMAN PROJECT WETLAND SUMMARY | | | | | | | | |
|------------------------------------|------------------------------|-----------------|-----------------|--|--|-----------------------|-------------|---|
| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
| WB-54 | T34NR73W28 | 2,823 | 0.065 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-55 | T34NR73W34 | 430 | 0.010 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-56 | T34NR73W27 | 349 | 0.008 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-57 | T34NR73W34 | 138 | 0.003 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-58 | T34NR73W34 | 79 | 0.002 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-59 | T34NR73W34 | 1,790 | 0.041 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-60 | T34NR73W34 | 460 | 0.011 | Running Dutchman Ditch Trib 2-2 | na | Depression | in drainage | non-jurisdictional |
| WB-61 | T34NR73W34 | 154,474 | 3.546 | Running Dutchman Ditch Trib 2-2 | na | Diked drainage | stock pond | non-jurisdictional |
| WB-62 | T34NR73W34 | 1,266 | 0.029 | Running Dutchman Ditch Trib 3 | na | Diked drainage | | non-jurisdictional |
| WB-63 | T34NR73W34 | 34,032 | 0.781 | Running Dutchman Ditch Trib 3 | na | Depression | Isolated | non-jurisdictional |
| WL-5 | T34NR73W35 | 58,042 | 1.332 | Running Dutchman Ditch Trib 4, Trib 5 | PEMA | Depression | Isolated | non-jurisdictional |
| WL-6 | T33NR73W02 | 1,117 | 0.026 | Running Dutchman Ditch Trib 4, Trib 5 | PEMK | Diked drainage | in drainage | non-jurisdictional |
| WB-64 | T34NR73W35 | 28,161 | 0.646 | Running Dutchman Ditch Trib 4, Trib 5 | na | Depression | Isolated | non-jurisdictional |
| WB-65 | T33NR73W02 | 14,853 | 0.341 | Running Dutchman Ditch Trib 4, Trib 5 | na | Diked drainage | | non-jurisdictional |
| WB-66 | T34NR73W35 | 36,378 | 0.835 | Running Dutchman Ditch Trib 4, Trib 5 | na | Diked drainage | stock pond | non-jurisdictional |
| WL-14 | T34NR73W02 | 10,985 | 0.252 | Sage Creek 1 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|---------------------|--|-------------------------------|---------------------------|---|
| WL-36a | T34NR73W14 | 199 | 0.005 | Sage Creek 2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-36b | T34NR73W14 | 105 | 0.002 | Sage Creek 2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-37a | T34NR73W14 | 8,300 | 0.191 | Sage Creek 2 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37b | T34NR73W23 | 3,193 | 0.073 | Sage Creek 2 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37c | T34NR73W23 | 63,422 | 1.456 | Sage Creek 2 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37d | T34NR73W23 | 1,851 | 0.042 | Sage Creek 2 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37e | T34NR73W23 | 868 | 0.020 | Sage Creek 2 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37f | T34NR73W23 | 216 | 0.005 | Sage Creek 2 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WB-134 | T34NR73W14 | 1,519 | 0.035 | Sage Creek 2 | na | Depression | Isolated - at windmill | non-jurisdictional |
| WL-34d | T34NR73W23 | 26,646 | 0.612 | Sage Creek Trib 4-5 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37g | T34NR73W23 | 975 | 0.022 | Sage Creek 3 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37h | T34NR73W23 | 431 | 0.010 | Sage Creek 3 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37i | T34NR73W23 | 42,076 | 0.966 | Sage Creek 3 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37j | T34NR73W26 | 34,387 | 0.789 | Sage Creek 3 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37k | T34NR73W25 | 352 | 0.008 | Sage Creek 3 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37l | T34NR73W25 | 238 | 0.005 | Sage Creek 3 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37m | T34NR73W25 | 1,012 | 0.023 | Sage Creek 3 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37n | T34NR73W25 | 1,754 | 0.040 | Sage Creek 3 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37o | T34NR73W25 | 459 | 0.011 | Sage Creek 3 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|-------------------|--|-------------------------------|-----------------|---|
| WL-37p | T34NR73W25 | 1,144 | 0.026 | Sage Creek 3 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37q | T34NR73W25 | 2,728 | 0.063 | Sage Creek 3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-37r | T34NR73W25 | 13,726 | 0.315 | Sage Creek 3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-37s | T34NR73W25 | 284,514 | 6.532 | Sage Creek 3 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37t | T34NR73W25 | 7,477 | 0.172 | Sage Creek 3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-37u | T34NR73W25 | 1,059 | 0.024 | Sage Creek 3 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-191 | T34NR73W25 | 7,541 | 0.173 | Sage Creek 3 | na | Depression | in drainage | non-jurisdictional |
| WL-37v | T34NR73W36 | 4,935 | 0.113 | Sage Creek 4 | PEMF/PUBF | Depression | Sage Creek | jurisdictional |
| WL-37w | T34NR73W36 | 4,429 | 0.102 | Sage Creek 4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-37x | T34NR73W36 | 450 | 0.010 | Sage Creek 4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-37y | T34NR73W36 | 1,022 | 0.023 | Sage Creek 4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-37z | T34NR73W36 | 892 | 0.020 | Sage Creek 4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-37aa | T34NR73W36 | 46 | 0.001 | Sage Creek 4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-37bb | T34NR73W36 | 256 | 0.006 | Sage Creek 4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-37cc | T34NR73W36 | 136 | 0.003 | Sage Creek 4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-37dd | T34NR73W36 | 101 | 0.002 | Sage Creek 4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-38 | T34NR73W36 | 59,470 | 1.365 | Sage Creek 4 | PEMF/PUBF | Slope | Sage Creek | jurisdictional |
| WL-39 | T34NR73W36 | 11,866 | 0.272 | Sage Creek 4 | PEMF/PUBF | Slope | Sage Creek | jurisdictional |
| WL-40 | T34NR73W36 | 127,257 | 2.921 | Sage Creek 4 | PEMF/PUBF | Slope | Sage Creek | jurisdictional |
| WL-7 | T34NR73W05 | 210,513 | 4.833 | Sage Creek Trib 1 | PEMC/PUBF | Depression | Isolated | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|-------------------|--|-------------------------------|---------------------------|---|
| WL-8 | T34NR73W05 | 1,375 | 0.032 | Sage Creek Trib 1 | PEMA | Depression | Isolated | non-jurisdictional |
| WL-9a | T34NR73W05 | 205 | 0.005 | Sage Creek Trib 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-9b | T34NR73W05 | 1,505 | 0.035 | Sage Creek Trib 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-9c | T34NR73W05 | 139 | 0.003 | Sage Creek Trib 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-9d | T34NR73W05 | 21,772 | 0.500 | Sage Creek Trib 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-9e | T34NR73W05 | 44,258 | 1.016 | Sage Creek Trib 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-9f | T34NR73W05 | 1,991 | 0.046 | Sage Creek Trib 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-9g | T34NR73W06 | 860 | 0.020 | Sage Creek Trib 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-9h | T34NR73W05 | 1,185 | 0.027 | Sage Creek Trib 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-12 | T34NR73W03 | 2,346 | 0.054 | Sage Creek Trib 2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-13 | T34NR73W03 | 2,863 | 0.066 | Sage Creek Trib 2 | PEMK | Depression | Isolated - at windmill | non-jurisdictional |
| WL-10 | T34NR73W04 | 23,067 | 0.530 | Sage Creek Trib 3 | PEMA | Depression | Isolated | non-jurisdictional |
| WL-11a | T34NR73W04 | 100 | 0.002 | Sage Creek Trib 3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-11b | T34NR73W04 | 470 | 0.011 | Sage Creek Trib 3 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-67 | T34NR73W04 | 46,849 | 1.076 | Sage Creek Trib 3 | na | Diked drainage | | non-jurisdictional |
| WB-68 | T34NR73W04 | 41 | 0.001 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |
| WB-69 | T34NR73W04 | 53 | 0.001 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |
| WB-70 | T34NR73W04 | 84 | 0.002 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |
| WB-71 | T34NR73W04 | 97 | 0.002 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|----------------------|--|-------------------------------|-----------------|---|
| WB-72 | T34NR73W04 | 64 | 0.001 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |
| WB-73 | T34NR73W04 | 90 | 0.002 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |
| WB-74 | T34NR73W04 | 344 | 0.008 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |
| WB-75 | T34NR73W04 | 290 | 0.007 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |
| WB-76 | T34NR73W04 | 75 | 0.002 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |
| WB-77 | T34NR73W03 | 212 | 0.005 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |
| WB-78 | T34NR73W03 | 13,645 | 0.313 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |
| WB-79 | T34NR73W03 | 505 | 0.012 | Sage Creek Trib 3 | na | Depression | in drainage | non-jurisdictional |
| WL-15a | T34NR73W08 | 126 | 0.003 | Sage Creek Trib 4 N1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15b | T34NR73W08 | 49 | 0.001 | Sage Creek Trib 4 N1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15c | T34NR73W08 | 237 | 0.005 | Sage Creek Trib 4 N1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15d | T34NR73W08 | 387 | 0.009 | Sage Creek Trib 4 N1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15e | T34NR73W08 | 97 | 0.002 | Sage Creek Trib 4 N1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15f | T34NR73W08 | 101 | 0.002 | Sage Creek Trib 4 N1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15g | T34NR73W08 | 137 | 0.003 | Sage Creek Trib 4 N1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15h | T34NR73W08 | 222 | 0.005 | Sage Creek Trib 4 N1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-24 | T34NR73W08 | 105 | 0.002 | Sage Creek Trib 4 N1 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-80 | T34NR73W08 | 14,431 | 0.331 | Sage Creek Trib 4 N1 | na | Depression | Isolated | non-jurisdictional |
| WB-81 | T34NR73W08 | 28,592 | 0.656 | Sage Creek Trib 4 N1 | na | Diked drainage | | non-jurisdictional |
| WL-15i | T34NR73W08 | 99 | 0.002 | Sage Creek Trib 4 N2 | PEMA | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|----------------------|--|-------------------------------|-----------------|---|
| WL-15j | T34NR73W08 | 630 | 0.014 | Sage Creek Trib 4 N2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15k | T34NR73W09 | 72 | 0.002 | Sage Creek Trib 4 N2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15l | T34NR73W09 | 288 | 0.007 | Sage Creek Trib 4 N2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15m | T34NR73W09 | 298 | 0.007 | Sage Creek Trib 4 N2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15n | T34NR73W09 | 115 | 0.003 | Sage Creek Trib 4 N2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15o | T34NR73W09 | 337 | 0.008 | Sage Creek Trib 4 N2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15p | T34NR73W09 | 131 | 0.003 | Sage Creek Trib 4 N2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-15q | T34NR73W09 | 99 | 0.002 | Sage Creek Trib 4 N2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-27a | T34NR73W21 | 1,497 | 0.034 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-27b | T34NR73W22 | 2,557 | 0.059 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29a | T34NR73W22 | 57 | 0.001 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29d | T34NR73W22 | 196 | 0.005 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29e | T34NR73W22 | 28 | 0.001 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29f | T34NR73W22 | 110 | 0.003 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29g | T34NR73W22 | 294 | 0.007 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29h | T34NR73W22 | 566 | 0.013 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29i | T34NR73W22 | 79 | 0.002 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29j | T34NR73W22 | 124 | 0.003 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29k | T34NR73W22 | 359 | 0.008 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29l | T34NR73W22 | 140 | 0.003 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|----------------------|--|-------------------------------|-----------------|---|
| WL-29m | T34NR73W22 | 429 | 0.010 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29n | T34NR73W22 | 2,446 | 0.056 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29o | T34NR73W22 | 49 | 0.001 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29p | T34NR73W22 | 36 | 0.001 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29q | T34NR73W22 | 71 | 0.002 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29r | T34NR73W22 | 70 | 0.002 | Sage Creek Trib 4 S1 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-103 | T34NR73W21 | 15,697 | 0.360 | Sage Creek Trib 4 S1 | na | Depression | Isolated | non-jurisdictional |
| WB-104 | T34NR73W22 | 53 | 0.001 | Sage Creek Trib 4 S1 | na | Depression | in drainage | non-jurisdictional |
| WB-105 | T34NR73W22 | 49 | 0.001 | Sage Creek Trib 4 S1 | na | Depression | in drainage | non-jurisdictional |
| WB-106 | T34NR73W22 | 34 | 0.001 | Sage Creek Trib 4 S1 | na | Depression | in drainage | non-jurisdictional |
| WB-107 | T34NR73W22 | 125 | 0.003 | Sage Creek Trib 4 S1 | na | Depression | in drainage | non-jurisdictional |
| WB-108 | T34NR73W22 | 99 | 0.002 | Sage Creek Trib 4 S1 | na | Depression | in drainage | non-jurisdictional |
| WL-29b | T34NR73W22 | 382 | 0.009 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29c | T34NR73W22 | 1,228 | 0.028 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29s | T34NR73W22 | 193 | 0.004 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29t | T34NR73W22 | 246 | 0.006 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29u | T34NR73W22 | 169 | 0.004 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29v | T34NR73W22 | 421 | 0.010 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29w | T34NR73W22 | 433 | 0.010 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29x | T34NR73W22 | 477 | 0.011 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|-------------------------|--|-------------------------------|---------------------------|---|
| WL-29y | T34NR73W22 | 284 | 0.007 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29z | T34NR73W22 | 230 | 0.005 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29aa | T34NR73W22 | 387 | 0.009 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29bb | T34NR73W22 | 5,523 | 0.127 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29cc | T34NR73W22 | 97 | 0.002 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-29dd | T34NR73W22 | 3,972 | 0.091 | Sage Creek Trib 4 S2 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-109 | T34NR73W22 | 194 | 0.004 | Sage Creek Trib 4 S2 | na | Depression | in drainage | non-jurisdictional |
| WB-110 | T34NR73W22 | 2,322 | 0.053 | Sage Creek Trib 4 S2 | na | Depression | in drainage | non-jurisdictional |
| WB-98 | T34NR73W19 | 111,485 | 2.559 | Sage Creek Trib 4 W1 | na | Diked drainage | | non-jurisdictional |
| WB-99 | T34NR73W19 | 7,856 | 0.180 | Sage Creek Trib 4 W1 | na | Depression | in drainage | non-jurisdictional |
| WL-25a | T34NR73W20 | 502 | 0.012 | Sage Creek Trib 4 W2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-25b | T34NR73W20 | 107 | 0.002 | Sage Creek Trib 4 W2 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-100 | T34NR73W20 | 175 | 0.004 | Sage Creek Trib 4 W2 | na | Depression | in drainage | non-jurisdictional |
| WB-101 | T34NR73W20 | 52 | 0.001 | Sage Creek Trib 4 W2 | na | Depression | in drainage | non-jurisdictional |
| WB-102 | T34NR73W20 | 31,598 | 0.725 | Sage Creek Trib 4 W2 | na | Diked drainage | | non-jurisdictional |
| WL-19a | T34NR74W12 | 1,322 | 0.030 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-19b | T34NR74W12 | 2,953 | 0.068 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-20 | T34NR74W12 | 1,520 | 0.035 | Sage Creek Trib 4, NW 1 | PEMK | Depression | Isolated - at windmill | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|-------------------------|--|-------------------------------|---------------------------|---|
| WL-21a | T34NR73W07 | 237 | 0.005 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-21b | T34NR73W07 | 1,519 | 0.035 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-21c | T34NR73W07 | 611 | 0.014 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-21d | T34NR73W07 | 745 | 0.017 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-21e | T34NR73W07 | 79 | 0.002 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-21f | T34NR73W07 | 124 | 0.003 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-21g | T34NR73W07 | 233 | 0.005 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-21h | T34NR73W07 | 280 | 0.006 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-21i | T34NR73W07 | 224 | 0.005 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-21j | T34NR73W07 | 19 | 0.000 | Sage Creek Trib 4, NW 1 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-92 | T34NR74W12 | 27,861 | 0.640 | Sage Creek Trib 4, NW 1 | na | Diked drainage | | non-jurisdictional |
| WB-93 | T34NR74W12 | 6,486 | 0.149 | Sage Creek Trib 4, NW 1 | na | Diked drainage | | non-jurisdictional |
| WB-94 | T34NR73W07 | 68,217 | 1.566 | Sage Creek Trib 4, NW 1 | na | Diked drainage | | non-jurisdictional |
| WB-95 | T34NR73W18 | 798 | 0.018 | Sage Creek Trib 4, NW 1 | na | Depression | Isolated - at windmill | non-jurisdictional |
| WL-22 | T34NR73W17 | 25,246 | 0.580 | Sage Creek Trib 4, NW 2 | PEMK | Diked drainage | in drainage | non-jurisdictional |
| WL-23a | T34NR73W17 | 78 | 0.002 | Sage Creek Trib 4, NW 2 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-23b | T34NR73W17 | 1,025 | 0.024 | Sage Creek Trib 4, NW 2 | PEMA | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|-------------------------|--|-------------------------------|-----------------|---|
| WB-96 | T34NR73W17 | 1,361 | 0.031 | Sage Creek Trib 4, NW 2 | na | Depression | Isolated | non-jurisdictional |
| WB-97 | T34NR73W17 | 793 | 0.018 | Sage Creek Trib 4, NW 2 | na | Depression | in drainage | non-jurisdictional |
| WL-16 | T34NR73W09 | 56,146 | 1.289 | Sage Creek Trib 4-1 | PEMA | Depression | Isolated | non-jurisdictional |
| WL-17 | T34NR73W16 | 6,273 | 0.144 | Sage Creek Trib 4-1 | PEMC | Depression | in drainage | non-jurisdictional |
| WB-82 | T34NR73W09 | 21,817 | 0.501 | Sage Creek Trib 4-1 | na | Depression | Isolated | non-jurisdictional |
| WB-83 | T34NR73W09 | 1,049 | 0.024 | Sage Creek Trib 4-1 | na | Depression | in drainage | non-jurisdictional |
| WB-84 | T34NR73W09 | 143 | 0.003 | Sage Creek Trib 4-1 | na | Depression | in drainage | non-jurisdictional |
| WB-85 | T34NR73W09 | 70,570 | 1.620 | Sage Creek Trib 4-1 | na | Diked drainage | | non-jurisdictional |
| WB-86 | T34NR73W09 | 1,148 | 0.026 | Sage Creek Trib 4-1 | na | Depression | in drainage | non-jurisdictional |
| WB-87 | T34NR73W09 | 855 | 0.020 | Sage Creek Trib 4-1 | na | Depression | in drainage | non-jurisdictional |
| WB-88 | T34NR73W09 | 398 | 0.009 | Sage Creek Trib 4-1 | na | Depression | in drainage | non-jurisdictional |
| WB-89 | T34NR73W16 | 52,417 | 1.203 | Sage Creek Trib 4-1 | na | Depression | Isolated | non-jurisdictional |
| WB-90 | T34NR73W16 | 3,316 | 0.076 | Sage Creek Trib 4-1 | na | Depression | in drainage | non-jurisdictional |
| WL-18a | T34NR73W17 | 10,268 | 0.236 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18b | T34NR73W20 | 1,087 | 0.025 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18c | T34NR73W17 | 27,794 | 0.638 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18d | T34NR73W17 | 451 | 0.010 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18e | T34NR73W21 | 4,538 | 0.104 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18f | T34NR73W21 | 518 | 0.012 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18g | T34NR73W21 | 33 | 0.001 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|---------------------|--|-------------------------------|-----------------|---|
| WL-18h | T34NR73W21 | 3,070 | 0.070 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18i | T34NR73W21 | 97 | 0.002 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18j | T34NR73W21 | 47 | 0.001 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18k | T34NR73W21 | 382 | 0.009 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18l | T34NR73W16 | 648 | 0.015 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18m | T34NR73W16 | 384 | 0.009 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18n | T34NR73W16 | 1,643 | 0.038 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18o | T34NR73W16 | 1,858 | 0.043 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18p | T34NR73W16 | 450 | 0.010 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18q | T34NR73W21 | 124 | 0.003 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18r | T34NR73W21 | 98 | 0.002 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18s | T34NR73W21 | 1,060 | 0.024 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WL-18t | T34NR73W21 | 233 | 0.005 | Sage Creek Trib 4-2 | PEMC | Depression | in drainage | non-jurisdictional |
| WB-91 | T34NR73W16 | 16,589 | 0.381 | Sage Creek Trib 4-2 | na | Diked drainage | | non-jurisdictional |
| WL-26a | T34NR73W21 | 127 | 0.003 | Sage Creek Trib 4-3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-26b | T34NR73W21 | 210 | 0.005 | Sage Creek Trib 4-3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-26c | T34NR73W21 | 90 | 0.002 | Sage Creek Trib 4-3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-26d | T34NR73W21 | 2,818 | 0.065 | Sage Creek Trib 4-3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-26e | T34NR73W21 | 1,901 | 0.044 | Sage Creek Trib 4-3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-26f | T34NR73W21 | 197 | 0.005 | Sage Creek Trib 4-3 | PEMA | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|---------------------|--|-------------------------------|-----------------|---|
| WL-26g | T34NR73W21 | 21,230 | 0.487 | Sage Creek Trib 4-3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-26h | T34NR73W21 | 3,142 | 0.072 | Sage Creek Trib 4-3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-26i | T34NR73W21 | 5,779 | 0.133 | Sage Creek Trib 4-3 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-30a | T34NR73W22 | 299 | 0.007 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-30b | T34NR73W22 | 164 | 0.004 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-30c | T34NR73W22 | 77 | 0.002 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-30d | T34NR73W22 | 79 | 0.002 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31a | T34NR73W22 | 321 | 0.007 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31b | T34NR73W22 | 224 | 0.005 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31c | T34NR73W22 | 254 | 0.006 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31d | T34NR73W22 | 65 | 0.001 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31e | T34NR73W22 | 173 | 0.004 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31f | T34NR73W22 | 72 | 0.002 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31g | T34NR73W22 | 498 | 0.011 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31h | T34NR73W22 | 504 | 0.012 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31i | T34NR73W22 | 269 | 0.006 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31j | T34NR73W22 | 54 | 0.001 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31k | T34NR73W22 | 27 | 0.001 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31l | T34NR73W22 | 128 | 0.003 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31m | T34NR73W22 | 96 | 0.002 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|---------------------|--|-------------------------------|-----------------|---|
| WL-31n | T34NR73W22 | 214 | 0.005 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31o | T34NR73W23 | 855 | 0.020 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31p | T34NR73W23 | 27 | 0.001 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31q | T34NR73W23 | 1,048 | 0.024 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31r | T34NR73W23 | 456 | 0.010 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31s | T34NR73W23 | 1,206 | 0.028 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31t | T34NR73W23 | 79 | 0.002 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31u | T34NR73W23 | 12,598 | 0.289 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31v | T34NR73W23 | 3,468 | 0.080 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31w | T34NR73W23 | 175 | 0.004 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31x | T34NR73W23 | 127 | 0.003 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-31y | T34NR73W23 | 384 | 0.009 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-32a | T34NR73W22 | 2,315 | 0.053 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-32b | T34NR73W23 | 910 | 0.021 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-32c | T34NR73W23 | 88 | 0.002 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-32d | T34NR73W23 | 99 | 0.002 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-33a | T34NR73W23 | 8,077 | 0.185 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-33b | T34NR73W23 | 131 | 0.003 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-33c | T34NR73W23 | 168 | 0.004 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-33d | T34NR73W23 | 278 | 0.006 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|---------------------|--|-------------------------------|-----------------|---|
| WL-33e | T34NR73W22 | 94 | 0.002 | Sage Creek Trib 4-4 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-111 | T34NR73W22 | 142 | 0.003 | Sage Creek Trib 4-4 | na | Depression | in drainage | non-jurisdictional |
| WL-34a | T34NR73W23 | 1,066 | 0.024 | Sage Creek Trib 4-5 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-34b | T34NR73W23 | 721 | 0.017 | Sage Creek Trib 4-5 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-34c | T34NR73W23 | 270 | 0.006 | Sage Creek Trib 4-5 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-112 | T34NR73W23 | 367 | 0.008 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-113 | T34NR73W23 | 98 | 0.002 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-114 | T34NR73W23 | 462 | 0.011 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-115 | T34NR73W23 | 107 | 0.002 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-116 | T34NR73W23 | 197 | 0.005 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-117 | T34NR73W23 | 246 | 0.006 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-118 | T34NR73W23 | 229 | 0.005 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-119 | T34NR73W23 | 193 | 0.004 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-120 | T34NR73W23 | 138 | 0.003 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-121 | T34NR73W23 | 44 | 0.001 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-122 | T34NR73W23 | 73 | 0.002 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-123 | T34NR73W23 | 99 | 0.002 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-124 | T34NR73W23 | 28 | 0.001 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-125 | T34NR73W23 | 127 | 0.003 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-126 | T34NR73W23 | 294 | 0.007 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|---------------------|--|-------------------------------|-----------------|---|
| WB-127 | T34NR73W23 | 28 | 0.001 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-128 | T34NR73W23 | 72 | 0.002 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-129 | T34NR73W23 | 988 | 0.023 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-130 | T34NR73W23 | 453 | 0.010 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WB-131 | T34NR73W23 | 297 | 0.007 | Sage Creek Trib 4-5 | na | Depression | in drainage | non-jurisdictional |
| WL-28 | T34NR73W15 | 311 | 0.007 | Sage Creek Trib 5 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-35a | T34NR73W14 | 141 | 0.003 | Sage Creek Trib 5 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-35b | T34NR73W14 | 1,836 | 0.042 | Sage Creek Trib 5 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-35c | T34NR73W14 | 40 | 0.001 | Sage Creek Trib 5 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-35d | T34NR73W14 | 633 | 0.015 | Sage Creek Trib 5 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-35e | T34NR73W14 | 766 | 0.018 | Sage Creek Trib 5 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-132 | T34NR73W10 | 24,820 | 0.570 | Sage Creek Trib 5 | na | Diked drainage | | non-jurisdictional |
| WB-133 | T34NR73W15 | 69 | 0.002 | Sage Creek Trib 5 | na | Depression | in drainage | non-jurisdictional |
| WL-43a | T34NR73W26 | 5,432 | 0.125 | Sage Creek Trib 6 | PEMA | Diked drainage | in drainage | non-jurisdictional |
| WL-43b | T34NR73W26 | 48 | 0.001 | Sage Creek Trib 6 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-43c | T34NR73W23 | 63 | 0.001 | Sage Creek Trib 6 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-43d | T34NR73W23 | 300 | 0.007 | Sage Creek Trib 6 | PEMA | Depression | in drainage | non-jurisdictional |
| WB-135 | T34NR73W26 | 62 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-136 | T34NR73W26 | 104 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|-------------------|--|-------------------------------|-----------------|---|
| WB-137 | T34NR73W26 | 89 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-138 | T34NR73W26 | 313 | 0.007 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-139 | T34NR73W26 | 126 | 0.003 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-140 | T34NR73W26 | 150 | 0.003 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-141 | T34NR73W26 | 227 | 0.005 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-142 | T34NR73W26 | 132 | 0.003 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-143 | T34NR73W26 | 208 | 0.005 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-144 | T34NR73W26 | 409 | 0.009 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-145 | T34NR73W26 | 308 | 0.007 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-146 | T34NR73W26 | 531 | 0.012 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-147 | T34NR73W26 | 368 | 0.008 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-148 | T34NR73W26 | 97 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-149 | T34NR73W26 | 168 | 0.004 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-150 | T34NR73W26 | 99 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-151 | T34NR73W26 | 204 | 0.005 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-152 | T34NR73W26 | 104 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-153 | T34NR73W26 | 94 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-154 | T34NR73W26 | 60 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-155 | T34NR73W26 | 189 | 0.004 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-156 | T34NR73W26 | 63 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|-------------------|--|-------------------------------|-----------------|---|
| WB-157 | T34NR73W26 | 50 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-158 | T34NR73W26 | 128 | 0.003 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-159 | T34NR73W26 | 186 | 0.004 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-160 | T34NR73W26 | 738 | 0.017 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-161 | T34NR73W26 | 81 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-162 | T34NR73W26 | 86 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-163 | T34NR73W26 | 255 | 0.006 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-164 | T34NR73W26 | 209 | 0.005 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-165 | T34NR73W26 | 55 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-166 | T34NR73W26 | 161 | 0.004 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-167 | T34NR73W26 | 242 | 0.006 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-168 | T34NR73W26 | 100 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-169 | T34NR73W26 | 259 | 0.006 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-170 | T34NR73W26 | 315 | 0.007 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-171 | T34NR73W26 | 117 | 0.003 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-172 | T34NR73W26 | 482 | 0.011 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-173 | T34NR73W26 | 105 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-174 | T34NR73W26 | 376 | 0.009 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-175 | T34NR73W26 | 58 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-176 | T34NR73W26 | 55 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |

| LUDEMAN PROJECT WETLAND SUMMARY | | | | | | | | |
|------------------------------------|------------------------------|-----------------|-----------------|-------------------|--|-----------------------|--------------|---|
| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
| WB-177 | T34NR73W26 | 81 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-178 | T34NR73W26 | 59 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-179 | T34NR73W26 | 119 | 0.003 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-180 | T34NR73W26 | 30 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-181 | T34NR73W26 | 36 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-182 | T34NR73W26 | 39 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-183 | T34NR73W23 | 34 | 0.001 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-184 | T34NR73W23 | 357 | 0.008 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-185 | T34NR73W23 | 217 | 0.005 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-186 | T34NR73W23 | 363 | 0.008 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-187 | T34NR73W23 | 331 | 0.008 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-188 | T34NR73W23 | 71 | 0.002 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-189 | T34NR73W23 | 510 | 0.012 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WB-190 | T34NR73W23 | 391 | 0.009 | Sage Creek Trib 6 | na | Depression | in drainage | non-jurisdictional |
| WL-41a | T34NR72W19 | 1,732 | 0.040 | Sage Creek Trib 7 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-41b | T34NR72W19 | 126 | 0.003 | Sage Creek Trib 7 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-41c | T34NR72W19 | 39 | 0.001 | Sage Creek Trib 7 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-41d | T34NR72W19 | 131 | 0.003 | Sage Creek Trib 7 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-41e | T34NR72W19 | 561 | 0.013 | Sage Creek Trib 7 | PEMA | Depression | in drainage | non-jurisdictional |
| WL-41f | T34NR72W30 | 697,433 | 16.011 | Sage Creek Trib 7 | PEMC/PUBF | Diked drainage | Gilbert Lake | non-jurisdictional |

**LUDEMAN PROJECT
WETLAND SUMMARY**

| WETLAND | Township Range Section | AREA (Sq Ft) | AREA (Acres) | Drainage | Wetland ¹ Classification | Geomorphic Setting | Comments | Jurisdictional ² Recommendation |
|----------------|---------------------------------------|-------------------------|-------------------------|-------------------|--|-------------------------------|-----------------|---|
| WL-42 | T34NR72W19 | 20,412 | 0.469 | Sage Creek Trib 7 | PEMA | Depression | Isolated | non-jurisdictional |
| WB-192 | T34NR72W19 | 46 | 0.001 | Sage Creek Trib 7 | na | Depression | in drainage | non-jurisdictional |
| WB-193 | T34NR72W19 | 256 | 0.006 | Sage Creek Trib 7 | na | Depression | in drainage | non-jurisdictional |
| WB-194 | T34NR72W19 | 58 | 0.001 | Sage Creek Trib 7 | na | Depression | in drainage | non-jurisdictional |
| WB-195 | T34NR72W19 | 1,506 | 0.035 | Sage Creek Trib 7 | na | Depression | in drainage | non-jurisdictional |

1. Classification of wetlands and deep water habitats of the U.S., Cowardin.
2. Jurisdictional status to be determined/verified by the USACE.

ADDENDUM 3.5-H
WETLAND SPECIES LIST

| Scientific Name | Common Name | Indicator Status |
|---------------------------------|-----------------------|------------------|
| <i>Agropyron repens</i> | quackgrass | FAC |
| <i>Agropyron smithii</i> | western wheatgrass | FACU |
| <i>Agropyron spicatum</i> | blue-bunch wheatgrass | FACU- |
| <i>Agrostis alba</i> | redtop | FACW |
| <i>Alopecurus pratensis</i> | meadow foxtail | FACW |
| <i>Ambrosia tomentosa</i> | skeletonleaf bursage | NL |
| <i>Bromus briziformis</i> | rattlesnake brome | NL |
| <i>Bromus inermis</i> | smooth brome | NL |
| <i>Calamagrostis neglecta</i> | slimstem reedgrass | OBL |
| <i>Carex aquatilis</i> | water sedge | OBL |
| <i>Carex lanuginosa</i> | wooly sedge | OBL |
| <i>Carex nebrascensis</i> | Nebraska sedge | OBL |
| <i>Carex praegracilis</i> | clustered field sedge | FACW |
| <i>Cirsium arvense</i> | creeping thistle | FACU |
| <i>Distichlis stricta</i> | inland saltgrass | NL |
| <i>Eleocharis palustris</i> | creeping spikerush | OBL |
| <i>Equisetum arvense</i> | field horsetail | FAC |
| <i>Equisetum laevigatum</i> | smooth scouring rush | FAC |
| <i>Grindelia squarrosa</i> | curly-cup gumweed | UPL |
| <i>Hordeum jubatum</i> | foxtail Barley | FACW |
| <i>Juncus balticus</i> | baltic rush | OBL |
| <i>Juncus effusus</i> | common rush | OBL |
| <i>Juncus torreyi</i> | Torrey's rush | FACW |
| <i>Lappula redowskii</i> | flatspine stickseed | NL |
| <i>Melilotus sp.</i> | sweet clover | FACU- |
| <i>Mentha arvensis</i> | field mint | FACW |
| <i>Muhlenbergia asperifolia</i> | alkali muhly | FACW |
| <i>Plantago maritima</i> | alakali plantain | NL |
| <i>Poa compressa</i> | Canada bluegrass | FACU |
| <i>Poa spp.</i> | | |
| <i>Polypogon monspeliensis</i> | rabbitfoot grass | OBL |

| Scientific Name | Common Name | Indicator Status |
|------------------------------|-----------------------|------------------|
| <i>Potentilla anserina</i> | silverweed | OBL |
| <i>Ranunculus cymbalaria</i> | shore buttercup | OBL |
| <i>Rosa woodsii</i> | woods rose | FACU |
| <i>Rotala ramosior</i> | toothcup | NI |
| <i>Rumex stenophyllus</i> | narrow-leaf dock | FACW+ |
| <i>Scirpus americanus</i> | three-square bulrush | OBL |
| <i>Scirpus validus</i> | soft-stem bulrush | OBL |
| <i>Spartina gracillis</i> | alkali cordgrass | FACW |
| <i>Sporobolis airoides</i> | alkali sacaton | FAC |
| <i>Taraxacum officinale</i> | common dandelion | FACU |
| <i>Thermopsis montana</i> | mountain goldenbanner | NL |
| <i>Triglochin concinnum</i> | Utah arrow-grass | OBL |
| <i>Typha angustifolia</i> | narrow-leaf cattail | OBL |