



Crow Wing County (CWC) Ditch #13 Public Information Meeting





Introductions

Tim Bray – Crow Wing County Engineer

Crow Wing County Commissioners

Paul Koering – District 1

Paul Thiede – District 2

Rosemary Franzen – District 4

Tim Houle – Crow Wing County Administrator

Debby Erickson – Crow Wing County Auditor Treasurer

Kurt Deter – Attorney, Rinke Noonan

Our Vision: Being Minnesota's favorite place.

Our Mission: Serve well. Deliver value. Drive results.

Our Values: Be responsible. Treat people right. Build a better future.



Meeting Purpose

- Information Meeting – Not an Assessment Public Hearing**
- Introduction to CWC Ditch #13**
- Overview of Minnesota drainage law**
- Explain challenges**
- Answer questions**
- Voice public concerns**
- Sounding board for County Commissioners – decision makers**
- Focus on statutory obligations and facts**

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Agenda

- I. Welcome & Introductions** – Tim Bray, County Engineer
- II. Meeting Purpose** – Tim Bray, County Engineer
- III. Description of CWC Ditch #13** – Tim Bray, County Engineer
- IV. Minnesota Drainage Law Overview** - Kurt Deter, Attorney
- V. CWC Ditch #13 Challenges** – Tim Bray, County Engineer
- VI. Decision Points** – Tim Bray, County Engineer
- VII. CWC Ditch #13 Next Steps** – Tim Bray, County Engineer
- VIII. Frequently Asked Questions** – Tim Bray, Kurt Deter
- IX. Public Comment and Q&A** - All

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Description of CWC Ditch #13

- Construction complete 1907
- Based on petition from residents
- Total cost \$5,515.98
- Unknown configuration – Some defined channels remain
- Reason for original construction unknown
 - Agriculture
 - Logging
 - Transportation
 - Lake Levels
- Original number of parcels in benefitting area = 80
- Current number of parcels in benefitting area = 730+
- Public parcels and State, County and Township level



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Description of CWC Ditch #13

- No known records of assessing for CWC Ditch #13 maintenance. Lost records found.
- Limited maintenance and improvements made over the years through donations and partnerships.
- North portion nearly unrecognizable in some locations
- Outlet of Lougee Lake
- Outlets to Lake Edward



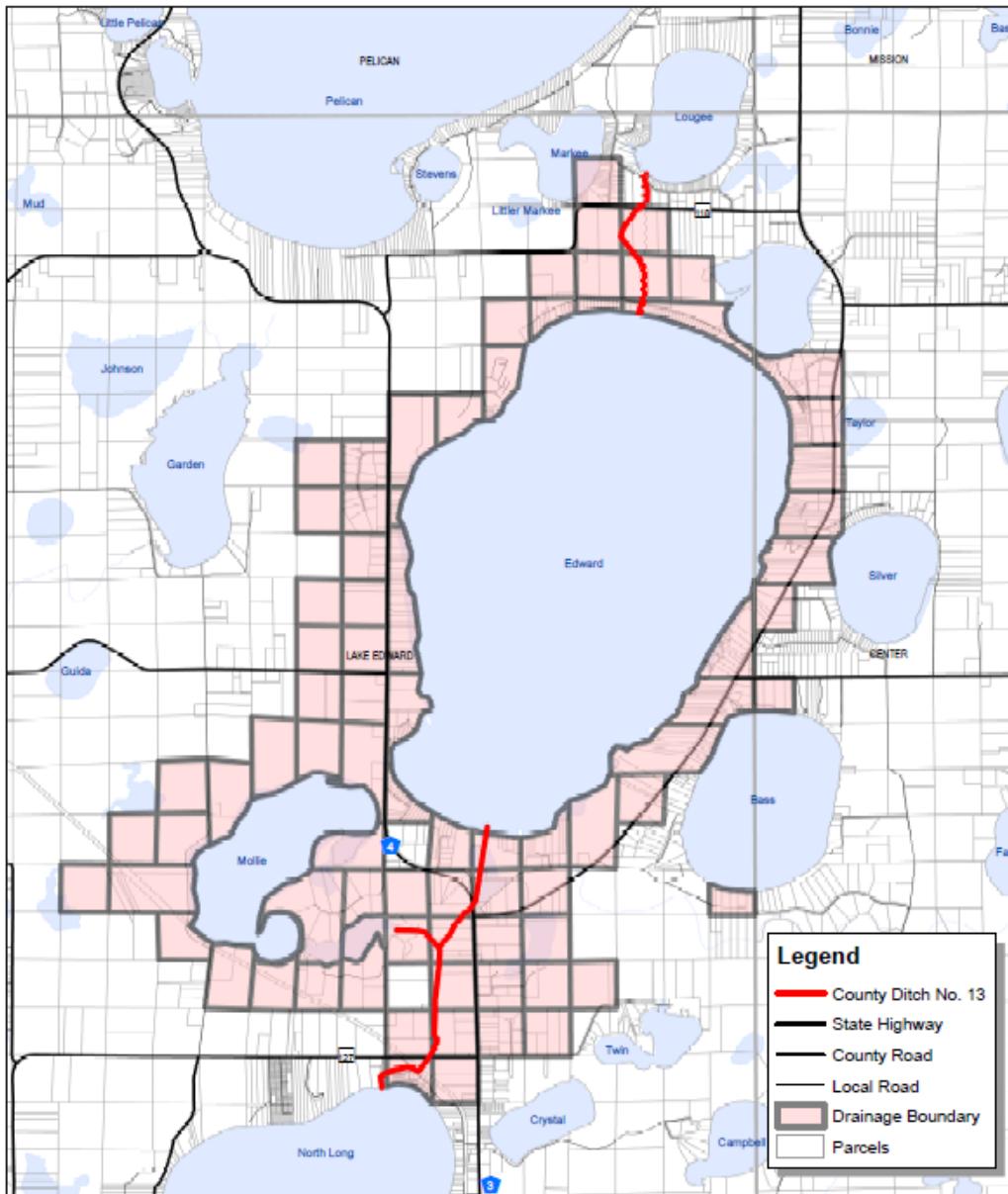
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CROW WING COUNTY

County Ditch No. 13



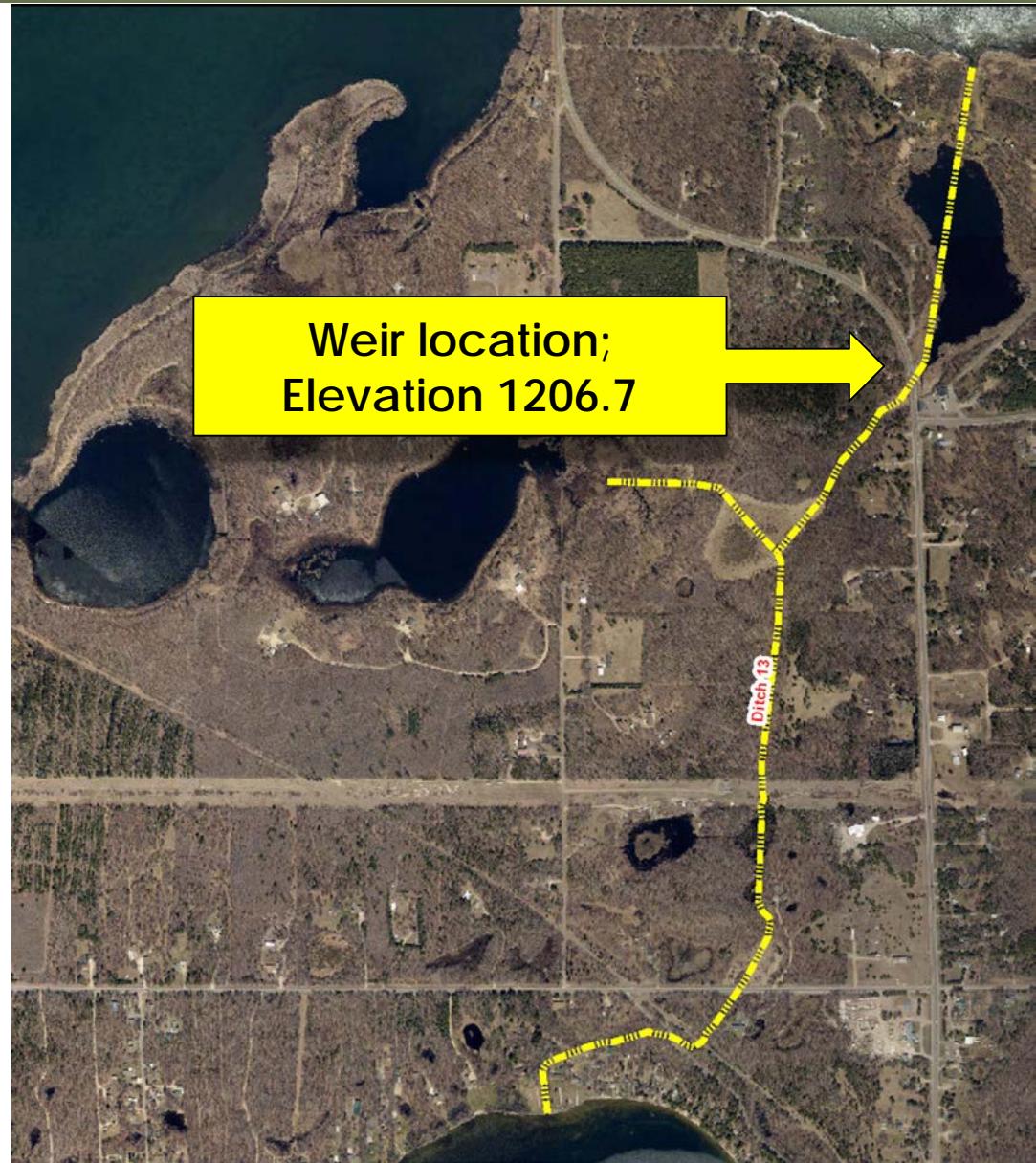
County Drainage Ditch No. 13 assists the drainage pattern for Lake Edward Township along with areas of Center Township. This ditch drains approximately 3350 acres of land and nearly 730 parcels, which cover a wide variety of land use classifications. Ownership of these parcels consist of Private, Corporate, and Multiple Government Agencies.

06/09/2015



Description of CWC Ditch #13

- South portion has been the focus of most concerns
- Outlet of Lake Edward – Weir
- Passes under CSAH 4, CR 127 and Train Bell Rd.
- Outlets into North Long Lake
- Beaver dams, aquatic vegetation, deadfall, sand plugs etc.
- Number of possible manmade obstructions – Driveways, undersized culverts
- Hydrological evaluation complete to set elevations of current weir and roadway culverts.







Weir location; Elevation
1206.7



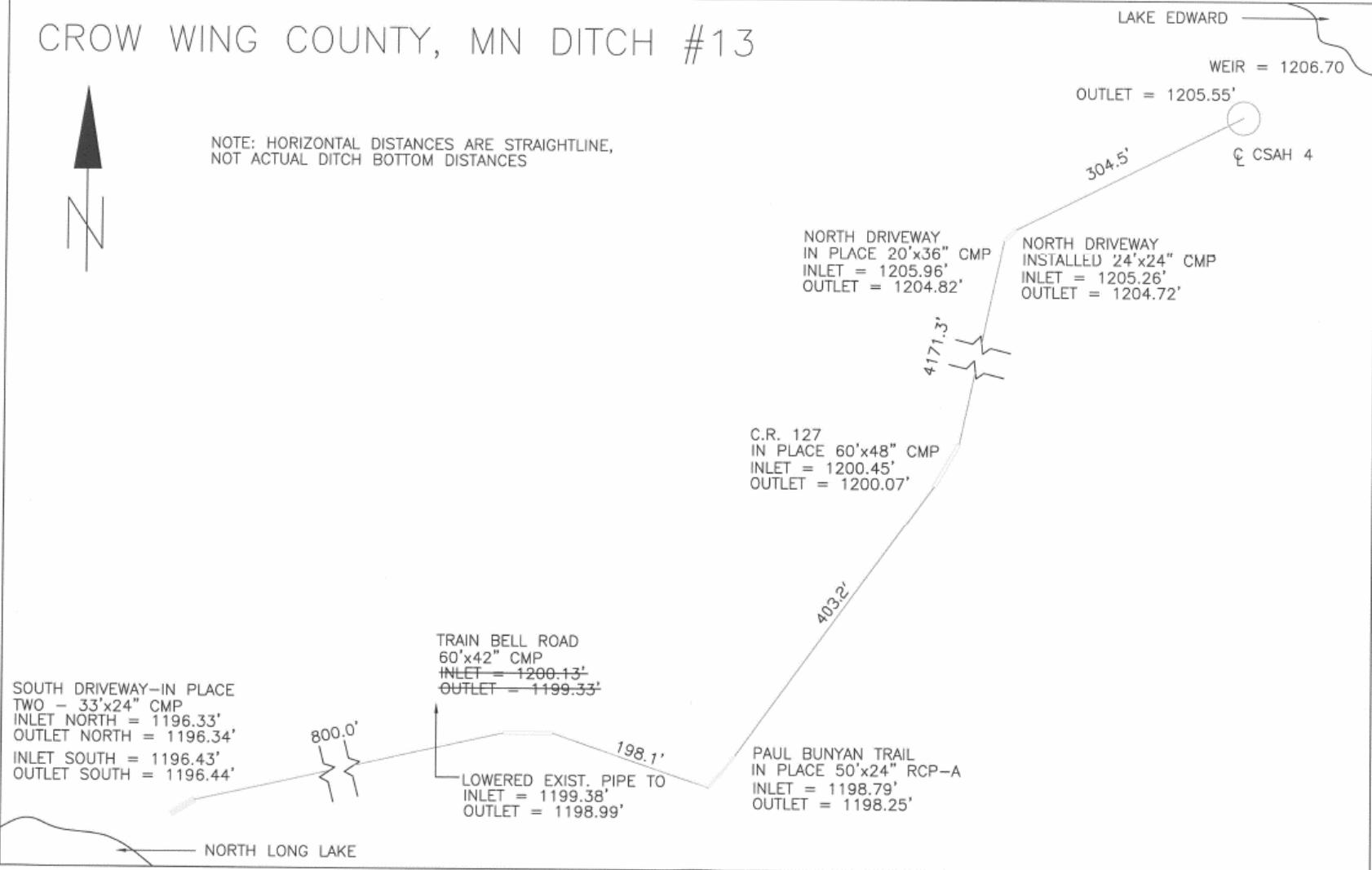


Culvert Elevation Study CWC Ditch #13

CROW WING COUNTY, MN DITCH #13



NOTE: HORIZONTAL DISTANCES ARE STRAIGHTLINE,
NOT ACTUAL DITCH BOTTOM DISTANCES



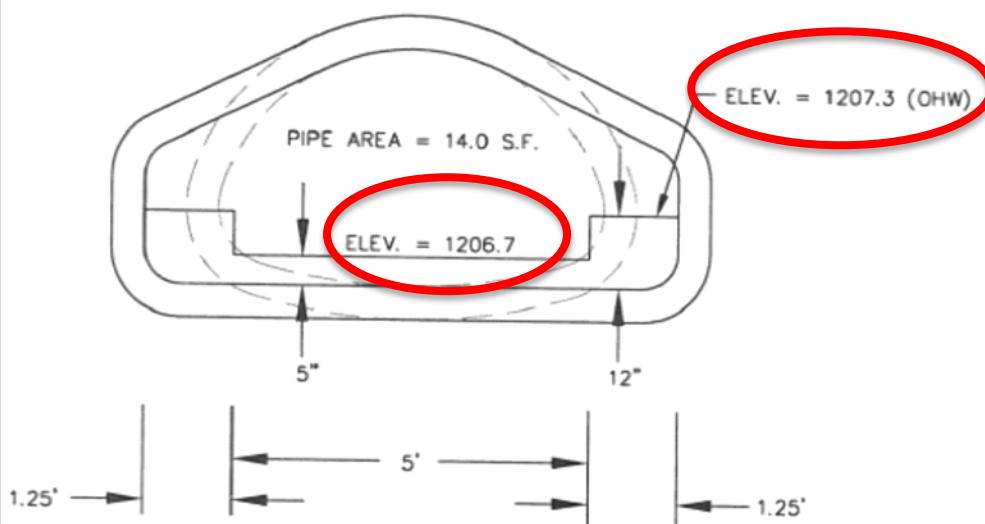


CWC Ditch #13 Weir Design

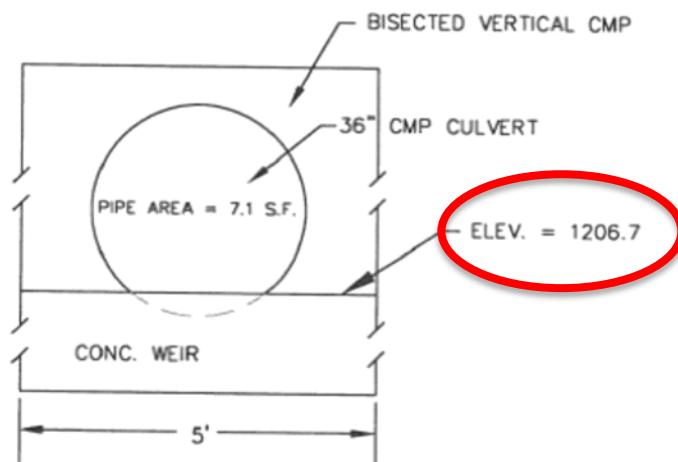
CROW WING COUNTY / DEPARTMENT OF NATURAL RESOURCES
COMPARISON OF EXISTING vs. PROPOSED OUTLET CONDITIONS
LAKE EDWARD OUTLET / CO. DITCH 13

PROPOSED

65"X40" RCP APRON



EXISTING





Cost Share Calculations

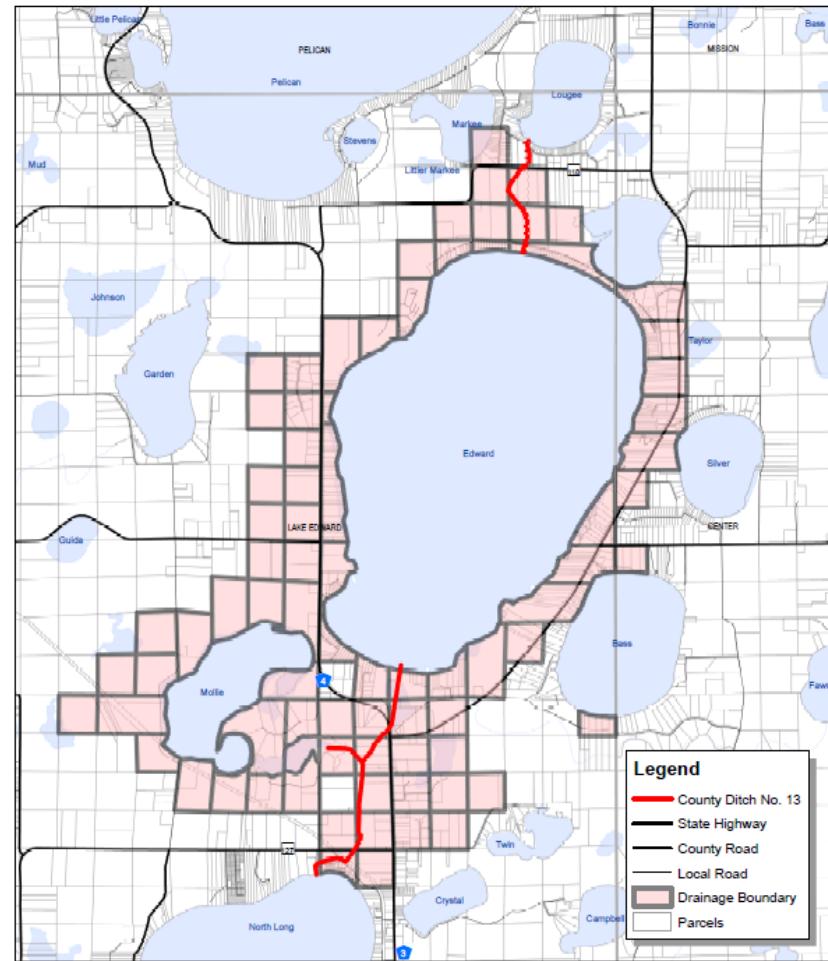
- Minnesota State Statute 103E prohibits the use of general property tax revenue to fund County Ditch improvements or repairs. These actions are to be funded by revenue collected from the properties benefitting from the drainage feature.
- The benefit area of CWC Ditch #13 was established around 1907 and has remained unchanged since.
- It is acknowledged that several changes have occurred since 1907. Roads, land use changes and general deterioration of the system.

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CROW WING COUNTY
County Ditch No. 13



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06/09/2015

Fred Wells
E. L. Heald

F. C. Bolin
W. D. Merrifield
C. A. James

M. H. James
M. H. James
Gull River Lumber Co.
S. J. Neal Jr.

Neil McKay
E. L. Heald

J. T. Brady

State of Minnesota

J. T. Brady
John Moore

J. D. Lennell
A. D. Grant

John Tutch
A. D. Grant

Gull River Lumber Co.

Town of Lak Edwards

Lot 2 SW NW

NE SE
NW SE
SW SE
SE SE
NE SW

SW SW

SE SW

NE NE

SW NE

NE SE

NW SE

NE SW

SE SW

SW SE

SE SE

NE NE

SW NE

SW SW

NE NE

NW SW

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SW NE

SE NW

SE NE

NE NW

NW SW

NE NE

SE NE

NE NW

NW NW

NW NW

9 16 18 8 16

22 85

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13

146 87

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93 75

81 39

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72 50

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21

105 00

91 14

" " "

40

8

140 00

34 72

Lot 1 NE NE

27

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21 00

7

18 23

" 2 SW NE

..

20 50

84

20

72 92

" 3 NE SE

..

50 60

9

3

7 81

Lot 4 NW SE

..

40 30

9

3

7 81

Lot 5 NE SW

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135 28

24 00

6

20 83

" 3 SE SW

23

..

30

10

26 04

" 4 SW SE

..

24

90

10

78 12

" 5 SE SE

..

22 40

55

10

47 74

" 1 NE NE

24

..

120

15

104 16

" 2 SW NE

..

41 30

70

15

60 76

" 4 NE SW

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37 20

90

5

78 12

" 6 SW SW

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42 05

45

15

39 06

" 1 NE NE

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18 50

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4 34

NW SW

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40 00

20

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34 72

NE NE

26

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40

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43 40

NW NE

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40

18

90

78 12

SW NE

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10

8 68

SE NW

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40

7

35

30 38

SE NE

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15

75

65 10

NE NW

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8 68

NW SW

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28 65

NE NE

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52 85

33

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164 05

" 2 SE NE

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34 72

NE NW

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135 28

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20 00

17 36

NW NW

35

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5

25 00

21 70

Lot 3 NW NW

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29 83

15

75 00

65 10

Town Road between

Sec 14 + 15

15 22

22 + 23

50 00

43 40

27 + 28

26 + 27

50 00

150 00

130 20

21 + 22

300 00

500 00

300 00

434 00

260 40

On Sec 27 + 28

135 R 28

by agreement

1200 00

and assessment

800 00

Minnesota and International Ry Company

Total

1250 00

1200 00

6633 00

5515 98

Statement Showing Cost of Ditch No. 13.

To Whom Paid	For What Paid	Amount Paid
E. F. Niles	Posting Notices	\$ 5 00
J. A. Erickson	Commissioners meeting	3 20
J. J. Reid	" "	5 40
N. M. Paine	" "	3 20
O. W. Van Dorn	Assisting Engineer	2 00
M. S. Mills	" "	10 00
C. P. More	" "	8 00
C. A. James	" "	12 75
E. F. Niles	" "	16 00
C. W. Wells	" "	14 75
Shoe. Barker	Viewer	45 50
Geo. S. McCullock	" "	53 50
Jas. Lorenson	" "	45 00
R. K. Whately	With Viewers	40 00
R. K. Whately	Engineer	100 00
A. Mahlum	Services as Auditor	15 00
The Tribune	Publishing Notice of hearing	14 50
R. K. Whately	Expense Account	12 50
C. A. James	Team with Viewers	6 00
C. A. James	Posting Notices of hearing	3 00
Brainerd Dispatch	Publishing Petition	14 50
A. G. Trommals	Filing Lien	8 00
J. F. Smart	Services as Auditor	70 00
C. A. James	Team with Viewers	10 00
Edward Crust	Commissioners Meeting	3 20
J. A. Erickson	" "	3 20
J. J. Reid	" "	5 40
C. A. Krech	" "	4 20
W. H. Andrews	" "	7 00
A. D. Peterson	Contract Price	<u>4975 18</u>
Total Cost		\$ 5515 98.

In Witness Whereof, I, J. F. Smart, Auditor of Crow Wing County, State of Minnesota, have signed my name to the above and foregoing tabular statement for County Ditch No. 13 and the statement showing the cost of said ditch, and attached my official seal this

16th day of April A. D. 1907.

Signed, Sealed and Acknowledged

in Presence of

Lewis E. Garrison } Witnesses.

H. D. Treglawn

J. F. Smart

County Auditor of Crow Wing County, Minnesota

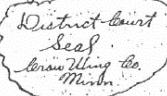


State of Minnesota }
County of Crow Wing }

Be it known, That on this 16th day of April A. D. 1907, before me personally came J. F. Smart, County Auditor of said County of Crow Wing, to me well known to be the person who made and signed the foregoing statement, and he acknowledges that he signed the same as his free act and deed, and for the purpose of creating and establishing a Ditch Lien in favor of Crow Wing County, Minnesota, against the tracts of land, public roads, corporate roads and railroads therein described, in the amounts, as respectively shown in the foregoing statement.

W. A. M. Johnston

Clerk of Dist. Court, Crow Wing Co., Minn.



Filed for record April 16th 1907 at 5 o'clock P.M.

A. G. Trommald, Register of Deeds.

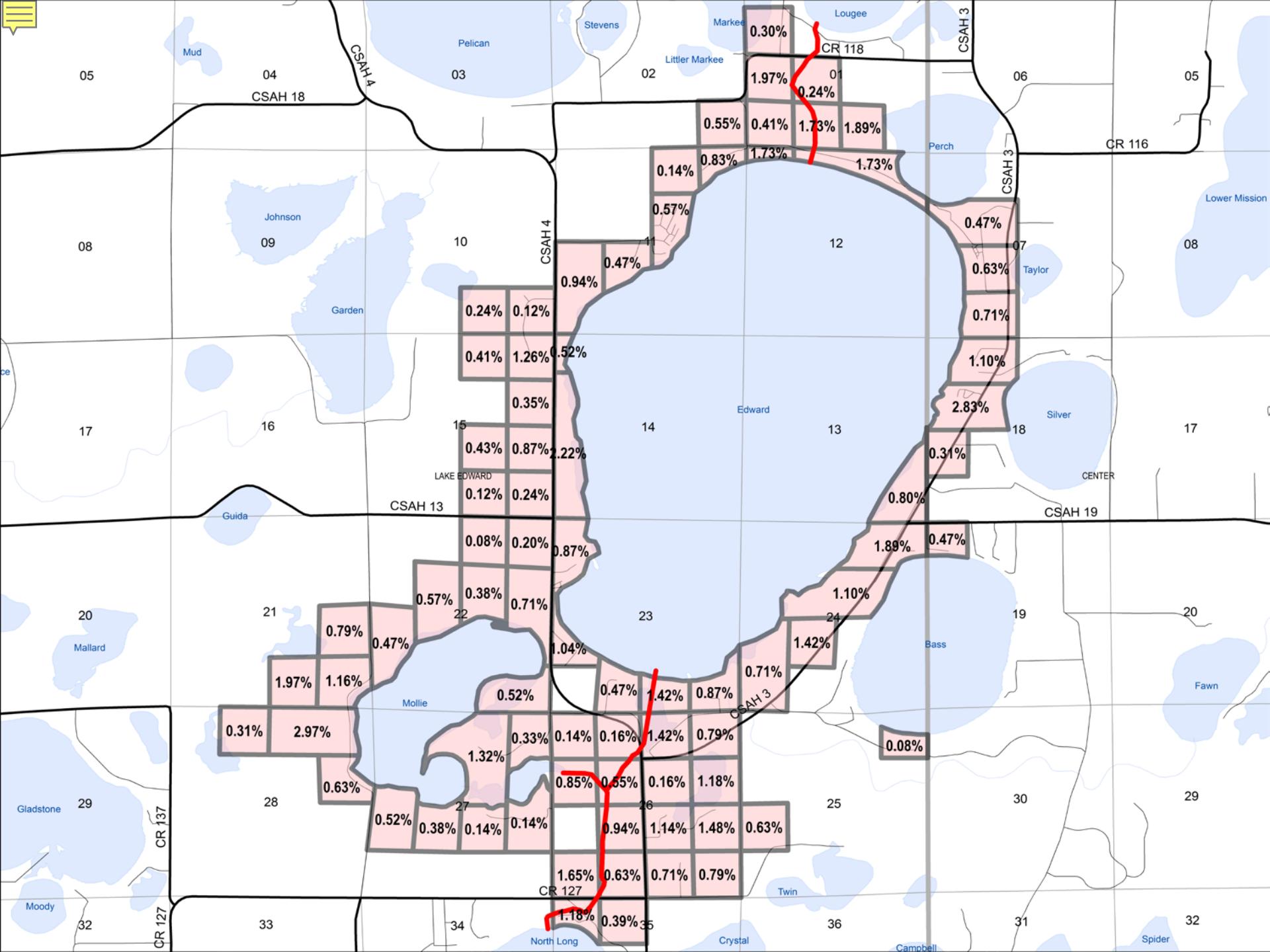
Auditor's Tabular Assessment Statement in the Matter of the Petition of Homer C.

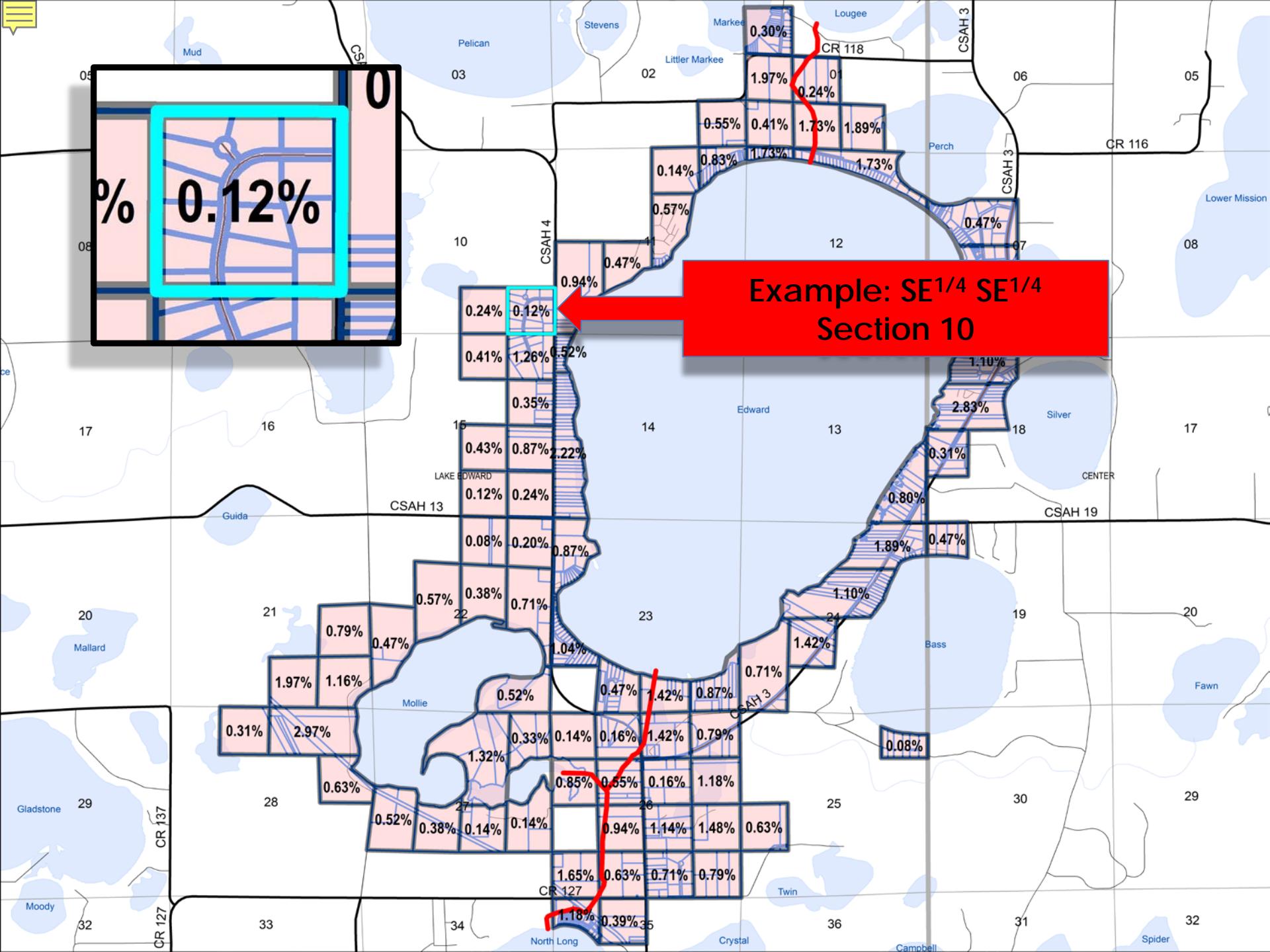
Moore and Others for Public Ditch in the Town of Lake Edward in the County of

Names of the owners of all Lands and the Names of the Public Roads, Corporate Roads and Railroads that are Assessed for the Construction of said Ditch.	Description of Each Parcel of Land to be Assessed for the Construction of said Ditch as appears from Reports of Viewers.	Number of Acres in each tract according to assessment rolls and tax lists	Estimated Number of Acres Benefitted	Amount that each tract of land & Each Public road, corporate road and railroad will be benefitted by the construction of said work	Amount that each tract of land & Each Public road, corporate road and railroad will be damaged by the construction of said ditch.	Amount that each tract of land & each public road, corporate road and railroad is liable for and must pay for the location, construction and establishment of such ditch
Isaiah Young	LOT 2 SENW 7 135 27	55.48	0	\$ 30.00	10	\$ 26.04
Isaiah Young	LOT 3 NESW 7 135 27	36.91	2	\$ 40.00	10	\$ 34.72
Joseph L. Wood	LOT 4 SSES 7 135 27	35.86	3	\$ 45.00	10	\$ 39.06
G.A. Keene	LOT 3 NENW 18 135 27	40.26	8	\$ 70.00	10	\$ 60.76
E.H. Dunham	LOT 4 SENW 18 135 27	41.63	30	\$ 180.00	10	\$ 156.24
D. Morrison	LOT 6 NWSW 18 135 27	31.27	0	\$ 20.00	5	\$ 17.36
P. Hughes	LOT 5 SWNW 1 135 28	25.30	5	\$ 18.75	0	\$ 16.28
Paul Markee	NWSW 1 135 28	40.00	25	\$ 125.00	0	\$ 108.50
Paul Markee	SWSW 1 135 28	40.00	7	\$ 26.25	0	\$ 22.79
Paul Markee	SESW 1 135 28	40.00	22	\$ 110.00	0	\$ 95.48
P. Hughes	NESW 1 135 28	40.00	3	\$ 15.00	0	\$ 13.02
Paul Markee	SWSE 1 135 28	49.20	24	\$ 120.00	0	\$ 104.16
W.E. Norris	SESE 2 135 28	40.00	14	\$ 35.00	0	\$ 30.38
C.F. Dorfore	SESE 10 135 28	40.00	2	\$ 7.50	0	\$ 6.51
J. Rush	SWSE 10 135 28	40.00	14	\$ 15.00	0	\$ 13.02
W.C. Morris	LOT 1 NENE 11 135 28	16.15	6	\$ 52.50	10	\$ 45.57
W.C. Morris	LOT 2 NWNE 11 135 28	37.90	0	\$ 9.00	3	\$ 7.81
W.L. Morris	LOT 3 SWNE 11 135 28	27.15	0	\$ 36.00	12	\$ 31.25
Homer & Ira Moore	LOT 4 NESW 11 135 28	27.20	0	\$ 30.00	10	\$ 26.04
Homer & Ira Moore	LOT 5 NWSW 11 135 28	50.60	0	\$ 60.00	20	\$ 52.08
O.W. Van Dorn	LOT 1 NWNE 12 135 28	26.40	10	\$ 110.00	20	\$ 95.48
O.W. Van Dorn	LOT 2 NENW 12 135 28	16.20	10	\$ 110.00	20	\$ 95.48
F.M. Rogers	LOT 1 NWNW 14 135 28	2.00	0	\$ 33.00	11	\$ 28.65
Chas Bedore	LOT 2 SWNW 14 135 28	31.40	0	\$ 141.00	47	\$ 122.40
J.A. Thabes	NENE 15 135 28	40.00	16	\$ 80.00	0	\$ 69.44
J.A. Thabes	NWNE 15 135 28	40.00	7	\$ 26.25	0	\$ 22.80
C.H. Russell	SENE 15 135 28	40.00	6	\$ 22.50	0	\$ 19.54
H.H. Russell	NESE 15 135 28	40.00	11	\$ 55.00	0	\$ 47.74
H.H. Russell	NWSE 15 135 28	40.00	11	\$ 27.50	0	\$ 23.88
Chas Bedore	SESE 15 135 28	40.00	6	\$ 15.00	0	\$ 13.02
Chas Bedore	SWSE 15 135 28	40.00	3	\$ 7.50	0	\$ 6.51
Neil McKay	LOT 1 SESE 13 135 28	23.25	0	\$ 51.00	17	\$ 44.27
C.P. Moore	NESE 21 135 28	40.00	10	\$ 50.00	0	\$ 43.40
C.P. Moore	LOT 1 SESE 21 135 28	25.05	10	\$ 74.00	8	\$ 64.23
Gull River Lumber Co.	SWSE 21 135 28	40.00	25	\$ 125.00	0	\$ 108.50
Ida Parsons	LOT 1 SESE 22 135 28	18.00	0	\$ 33.00	11	\$ 28.64
Ida Parsons	LOT 2 SENE 22 135 28	54.30	3	\$ 45.00	10	\$ 39.06
Ida Parsons	NENE 22 135 28	40.00	5	\$ 12.50	0	\$ 10.86
Ida Parsons	NWNE 22 135 28	40.00	2	\$ 5.00	0	\$ 4.34
H.M. Haff	LOT 3 SWNE 22 135 28	38.00	0	\$ 24.00	8	\$ 20.84
H.M. Haff	LOT 4 SENW 22 135 28	47.90	5	\$ 36.50	8	\$ 31.69
H.M. Haff	LOT 5 NWSW 22 135 28	36.95	0	\$ 30.00	10	\$ 26.04
Telefore Labelle	LOT 1 NWNW 23 135 28	27.00	2	\$ 55.00	15	\$ 47.75
Ida Parsons	LOT 2 NWSW 23 135 28	22.85	9	\$ 66.00	7	\$ 57.30
Neil McKay	NWNW 19 135 27	22.25	8	\$ 30.00	0	\$ 26.04

**Auditor's Tabular Assessment Statement in the Matter of the Petition of Homer C.
Moore and Others for Public Ditch in the Town of Lake Edward in the County of**

Names of the owners of all Lands and the Names of the Public Roads, Corporate Roads and Railroads that are Assessed for the Construction of said Ditch.	Description of Each Parcel of Land to be Assessed for the Construction of said Ditch as appears from Reports of Viewers.	Number of Acres in each tract according to assessment rolls and tax lists	Estimated Number of Acres Benefitted	Amount that each tract of land & Each Public road, corporate road and railroad will be benefitted by the construction of said work	Amount that each tract of land & Each Public road, corporate road and railroad will be damaged by the construction of said ditch.	Amount that each tract of land & each public road, corporate road and railroad is liable for and must pay for the location, construction and establishment of such ditch
John Moore	LOT 1 NWNW 26 135 28	36.50	0	\$ 9.00	3	\$ 7.81
Fred Wells	LOT 2 SWNW 26 135 28	22.85	3	\$ 54.00	13	\$ 46.87
E.L. Heald	NESE 26 135 28	40.00	25	\$ 93.75	0	\$ 81.39
E.L. Heald	NWSE 26 135 28	40.00	29	\$ 72.50	0	\$ 62.94
E.L. Heald	SWSE 26 135 28	40.00	18	\$ 45.00	0	\$ 39.06
E.L. Heald	SESE 26 135 28	40.00	20	\$ 50.00	0	\$ 43.40
E.L. Heald	NESW 26 135 28	40.00	12	\$ 60.00	0	\$ 52.08
F.C. Bolin	SWSW 26 135 28	40.00	21	\$ 105.00	0	\$ 91.14
W.D. Merrifield	SESW 26 135 28	40.00	8	\$ 40.00	0	\$ 34.72
C.A. James	LOT 1 NENE 27 135 28	42.30	0	\$ 21.00	7	\$ 18.23
C.A. James	LOT 2 SWNE 27 135 28	20.50	0	\$ 84.00	20	\$ 72.92
M.H. James	LOT 3 NESE 27 135 28	50.60	0	\$ 9.00	3	\$ 7.81
M.H. James	LOT 4 NWSE 27 135 28	40.30	0	\$ 9.00	3	\$ 7.81
Gull River Lumber Co.	LOT 5 NESW 27 135 28	36.95	0	\$ 24.00	6	\$ 20.83
S.J. Veal Jr.	LOT 3 SESW 23 135 28	36.00	0	\$ 30.00	10	\$ 26.04
S.J. Veal Jr.	LOT 4 SWSE 23 135 28	24.00	12	\$ 90.00	10	\$ 78.12
S.J. Veal Jr.	LOT 5 SESE 23 135 28	22.40	5	\$ 55.00	10	\$ 47.74
Neil McKay	LOT 1 NENE 24 135 28	37.70	15	\$ 120.00	15	\$ 104.16
E.L. Heald	LOT 2 SWNE 24 135 28	41.30	2	\$ 70.00	15	\$ 60.76
E.L. Heald	LOT 4 NESW 24 135 28	37.20	15	\$ 90.00	5	\$ 78.12
E.L. Heald	LOT 6 SWSW 24 135 28	42.05	0	\$ 45.00	15	\$ 39.06
E.L. Heald	LOT 1 NENE 25 135 28	18.50	2	\$ 5.00	0	\$ 4.34
E.L. Heald	NWSW 25 135 28	40.00	20	\$ 40.00	0	\$ 34.72
J.T. Brady	NENE 26 135 28	40.00	10	\$ 50.00	0	\$ 43.40
J.T. Brady	NWNE 26 135 28	40.00	18	\$ 90.00	0	\$ 78.12
State of Minnesota	SWNE 26 135 28	40.00	2	\$ 10.00	0	\$ 8.68
State of Minnesota	SENW 26 135 28	40.00	7	\$ 35.00	0	\$ 30.38
J.T. Brady	SENE 26 135 28	40.00	15	\$ 75.00	0	\$ 65.10
John Moore	NENW 26 135 28	40.00	2	\$ 10.00	0	\$ 8.68
J.D. Cornell	LOT 6 NWSW 27 135 28	35.70	3	\$ 33.00	6	\$ 28.65
A.D. Grant	LOT 1 NENE 27 135 28	52.85	33	\$ 189.00	8	\$ 164.05
John Tutch	LOT 2 SENE 27 135 28	19.20	0	\$ 40.00	8	\$ 34.72
A.D. Grant	NENW 28 135 28	40.00	4	\$ 20.00	0	\$ 17.36
Gull River Lumber Co.	NENW 35 135 28	40.00	5	\$ 25.00	0	\$ 21.70
Gull River Lumber Co.	LOT 3 NWNW 35 135 28	29.83	15	\$ 75.00	0	\$ 65.10
Town of Lake Edwards	Town Road 14-15 135 28	0.00	0	\$ 50.00	0	\$ 43.40
Town of Lake Edwards	Town Road 15-22 135 28	0.00	0	\$ 50.00	0	\$ 43.40
Town of Lake Edwards	Town Road 22-23 135 28	0.00	0	\$ 200.00	0	\$ 173.60
Town of Lake Edwards	Town Road 27-28 135 28	0.00	0	\$ 150.00	0	\$ 130.20
Town of Lake Edwards	Town Road 26-27 135 28	0.00	0	\$ 500.00	0	\$ 434.00
Town of Lake Edwards	Town Road 21-22 135 28	0.00	0	\$ 300.00	0	\$ 260.40
Minnesota and International Ry Company	27-28 135 28	0.00	0	\$ 1,200.00	0	\$ -
Minnesota and International Ry Company	27-28 135 28	0.00	0	\$ -	0	\$ 800.00







1907 Cost Share Calculation

SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 10

0.12%

1907

- 40 acres
- One owner – one parcel
- Obligation = **0.12%** of initial ditch construction
- Obligation = **\$6.51** of **\$5,515.98**

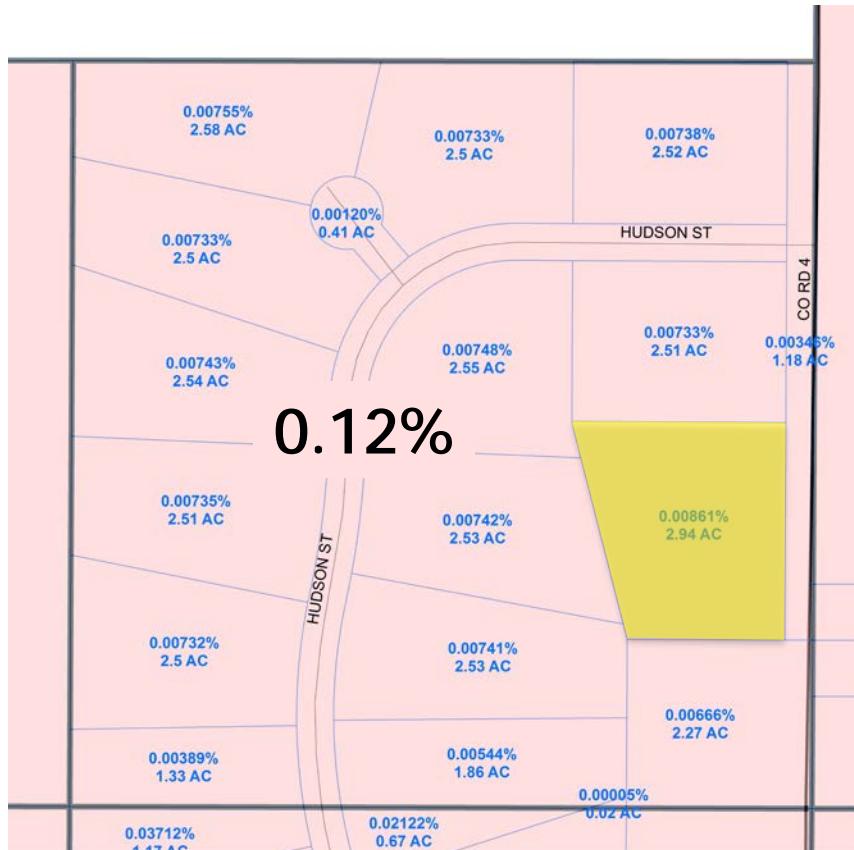
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2015 Cost Share Calculation SE 1/4 SE 1/4 Section 10



2015

- 40 acres
- Still 0.12% of future obligation
- 19 parcels (3 public, 16 private)
- $0.12\% \div 40 \text{ acres} = 0.0003\% \text{ per acre}$
- $0.0003\% \text{ per acre} \times 2.94 \text{ acres} = 0.00882\%$
- For every \$10,000 of total project cost this parcel would be responsible for \$0.88
- This figure is unique for each of the original 80 parcels

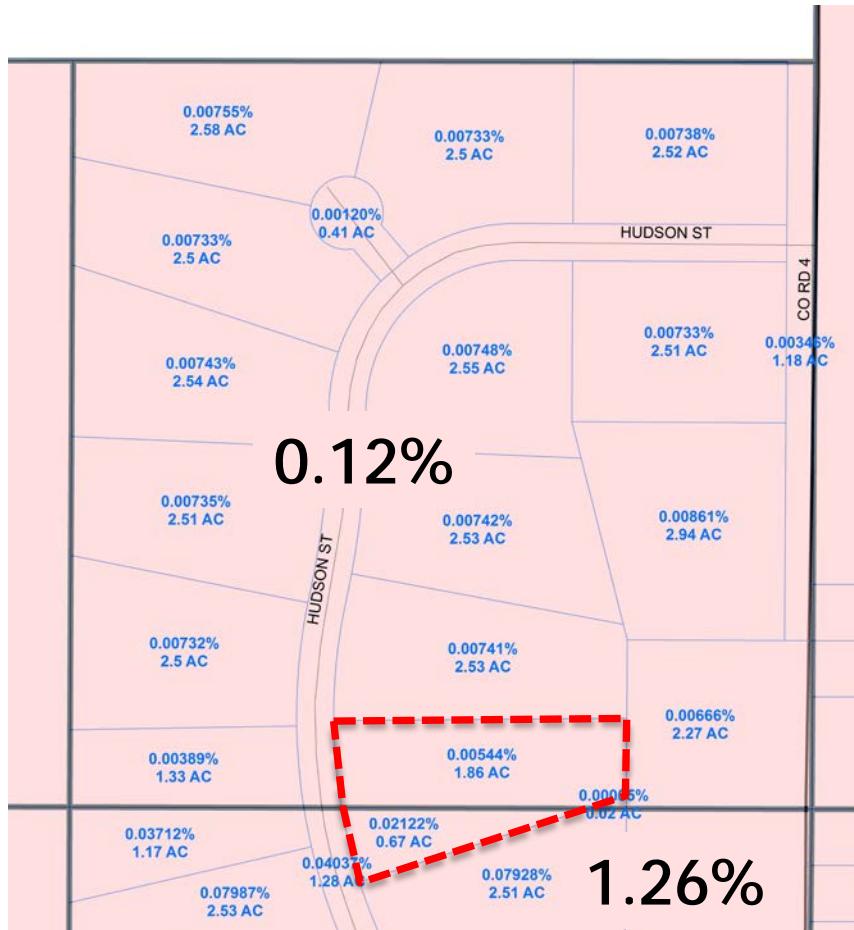
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2015 Cost Share Calculation SE 1/4 SE 1/4 Section 10



2015

- Current lots crossing the historic parcel boundaries have separate per-acre factors applied to the corresponding areas.

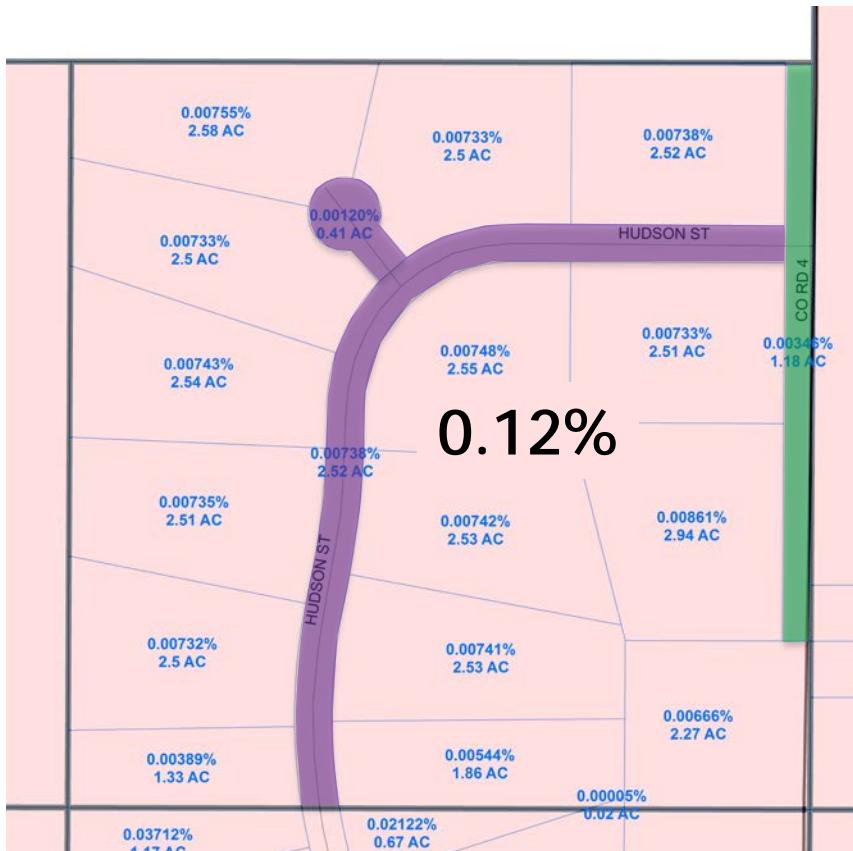
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CWC Ditch #13 Cost Share Calculation



Public parcel cost share obligation for entire Ditch #13 = 37.4%

- Lake Edward Township** – Roadways and parcels dedicated to the public (16.26%)
- Center Township** - Roadways and parcels dedicated to the public (0.219%)
- Crow Wing County** – Roadways and tax forfeit properties (5.64%)
- MnDNR** – Historic railway properties (15.29%)

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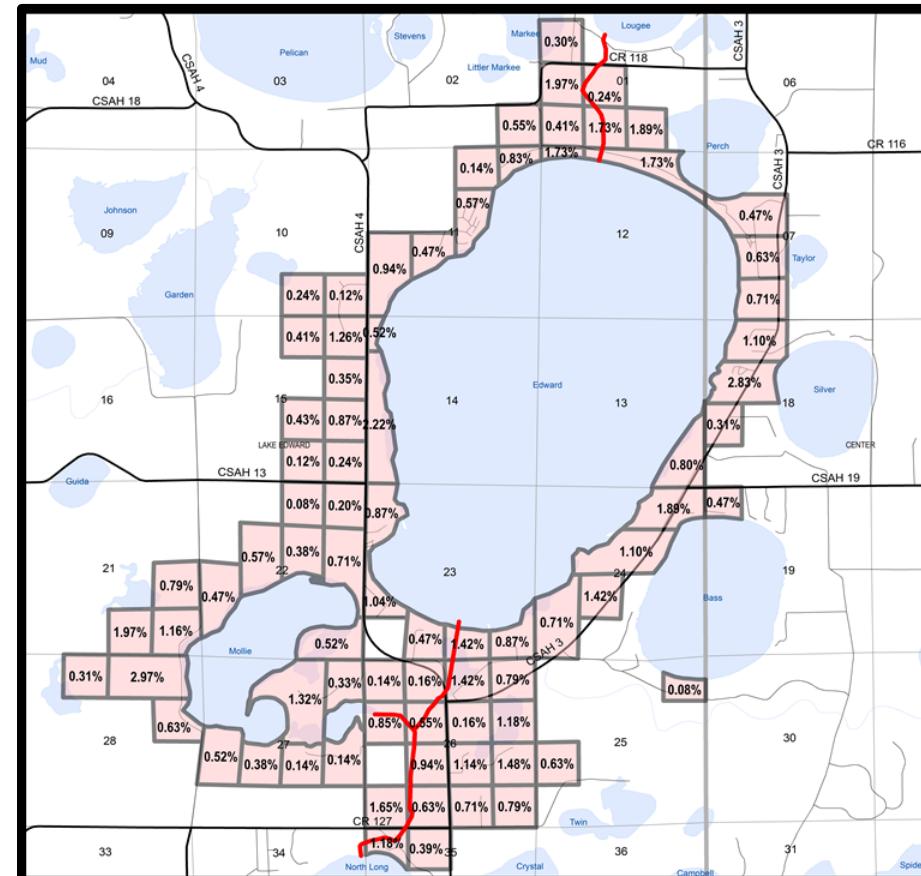
CWC Ditch #13 Cost Share Summary

Private property cost share = **62.6%**

- **Range** = 0.000049% to 1.91%
- \$10,000 project (**\$0.01** to **\$191.00**)

□ Public property cost share 37.4%

- **Range** = 0.21% to 16.26%
- \$10,000 project (\$21.95 to \$1626.44)



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Minnesota Drainage Law Overview



COUNTY DITCH SYSTEMS

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Minnesota Drainage Law Overview



- I. County Board acts as “Drainage Authority” but system is owned by the landowners originally assessed to construct system.

Firmly Committed.

Firmly Committed.

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Minnesota Drainage Law Overview



II. Repair

-Means to restore system as nearly as practicable to same condition as originally constructed subject to:

1. Efficient Use of Money
2. Environmental Regulations

Firmly Committed.

Firmly Committed.

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Minnesota Drainage Law Overview



III. Process for Repair by Petition

1. Petition
2. Engineer's Report
3. Public Hearing
4. Assessment of Costs

Firmly Committed.

Firmly Committed.

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CWC Ditch #13 Challenges

- No funding to match the authority of County granted by state statute
- Missing records
- Following the law to properly generate the needed revenue is unpopular
- Many in benefitted area are unaware and perceive no connection to CWC

Ditch #13

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CWC Ditch #13 Challenges

- Several entities involved that have resources but no authority
- Several regulatory agencies have jurisdiction
- Changing wetland laws and philosophy
- Application of dated public drainage laws may not address this situation well
- Not everyone agrees there is a problem
- Re-evaluating the benefit area may be a "Catch 22"

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Decision Points

- The Crow Wing County Board will be asked to decide whether to begin the process of generating ditch repair revenue for utilizing the authority granted by state statute.
- Scope of analysis to determine if there is a problem
- Scope of work to address potential problems

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CWC Ditch #13 Going Forward

- Compile data and provide recommendations to the Crow Wing County Board**
 - Resident survey data
 - Public comments
 - Others
- County Board decision whether to generate revenue**
 - Follow state statute
- Develop a new policy regarding county-wide ditch maintenance**

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Frequently Asked Questions (FAQ)

Q: Under what authority is Crow Wing planning to take this proposed action?

Q: Why is Crow Wing County doing this now?

Q: Why didn't I get to see the petition presented to the County Board?

Q: Why doesn't any reference to this ditch appear on my real-estate documents?

Q: My property sees no benefit from CWC Ditch #13, I do not think this we should pay for anything related to this drainage feature?

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Frequently Asked Questions (FAQ)

Q: What can be done to redefine the benefiting area?

Q: Can CWC Ditch #13 be abandoned like state statute appears to allow?

Q: Why does the County want to lower Lake Edward?

Q: Is an expensive Engineering study really necessary?

Q: Why can't Crow Wing County simply do nothing; the ditch has worked fine for over 100 years?

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Frequently Asked Questions (FAQ)

Q: Is there an option the minimizes impact on the current environment the property owners?

Q: Where can I find more information about County Ditches?

Q: What are the preliminary survey results?

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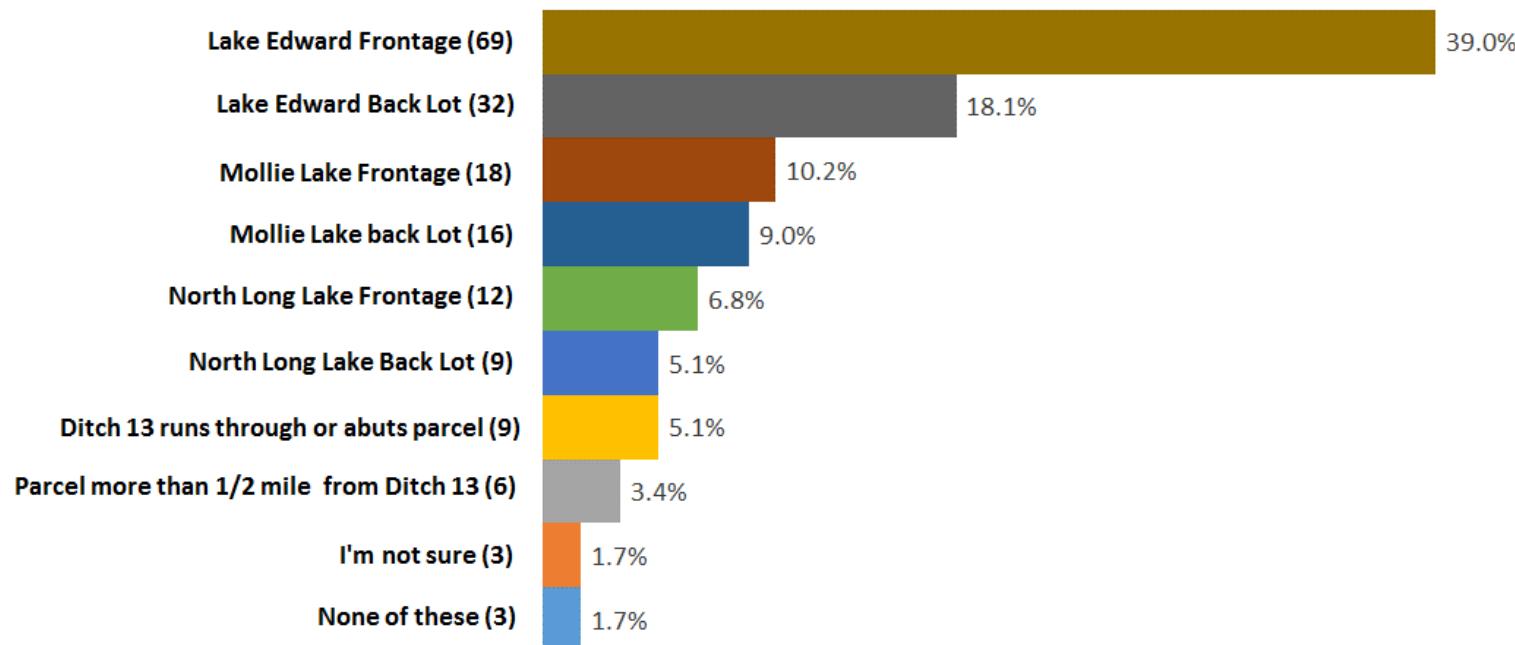
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CWC Ditch #13 Final Survey Results 8/10/15

Which of the following best describes this parcel? (177 Responses)



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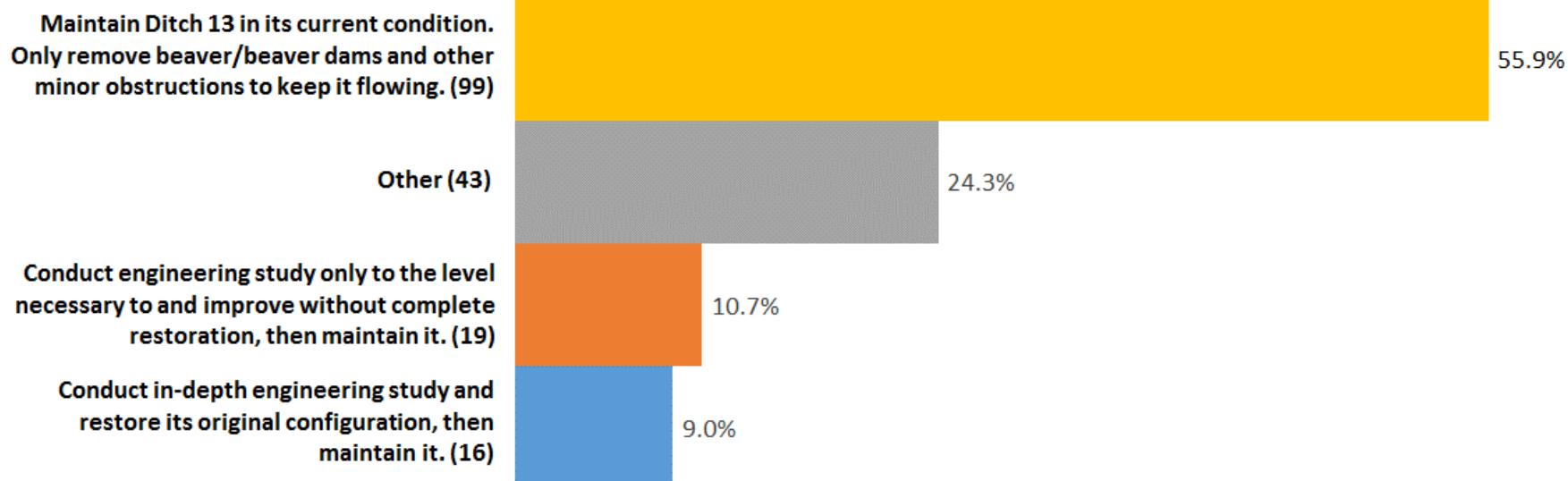
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CWC Ditch #13 Final Survey Results 8/10/15

What best describes how Crow Wing County should proceed with Ditch 13? (177 Responses)



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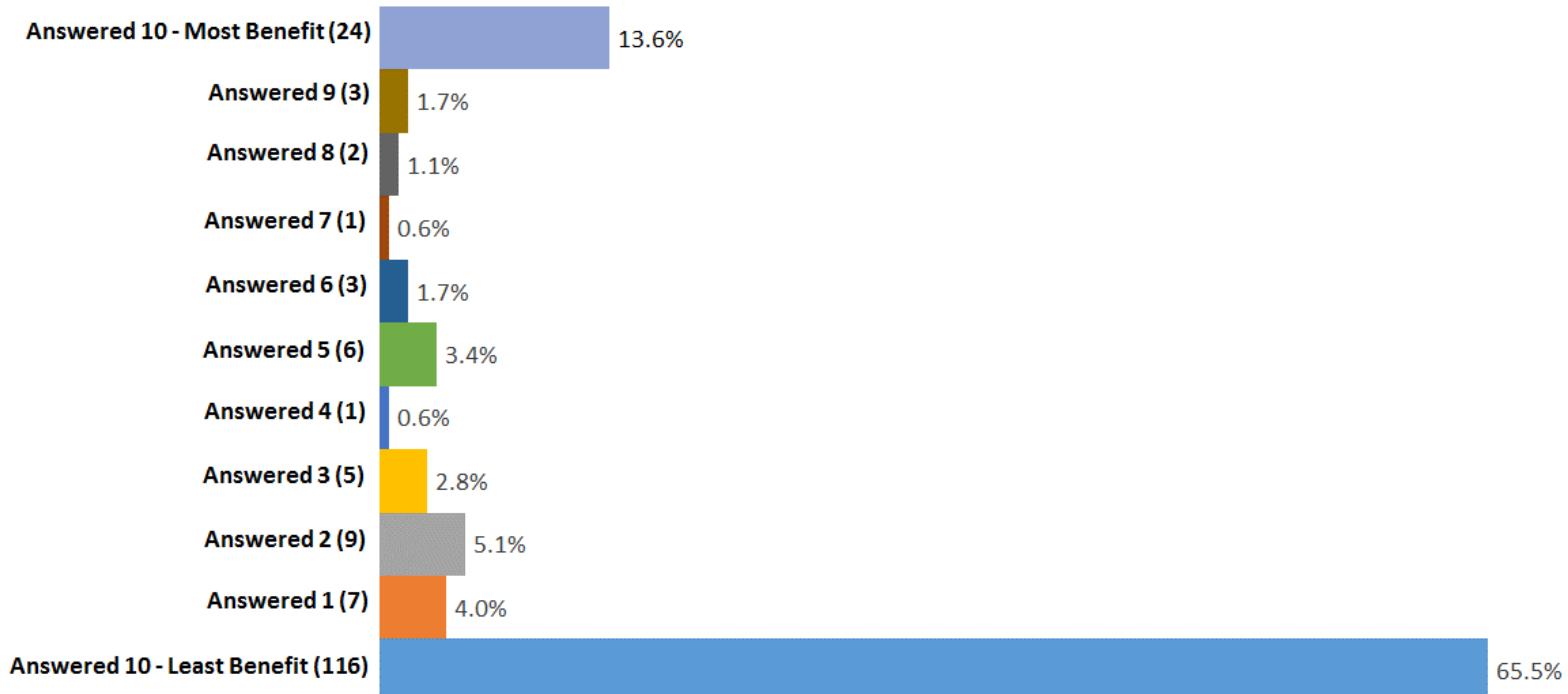
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CWC Ditch #13 Final Survey Results 8/10/15

What is your perceived benefit of Ditch 13 to this parcel? (177 Responses)



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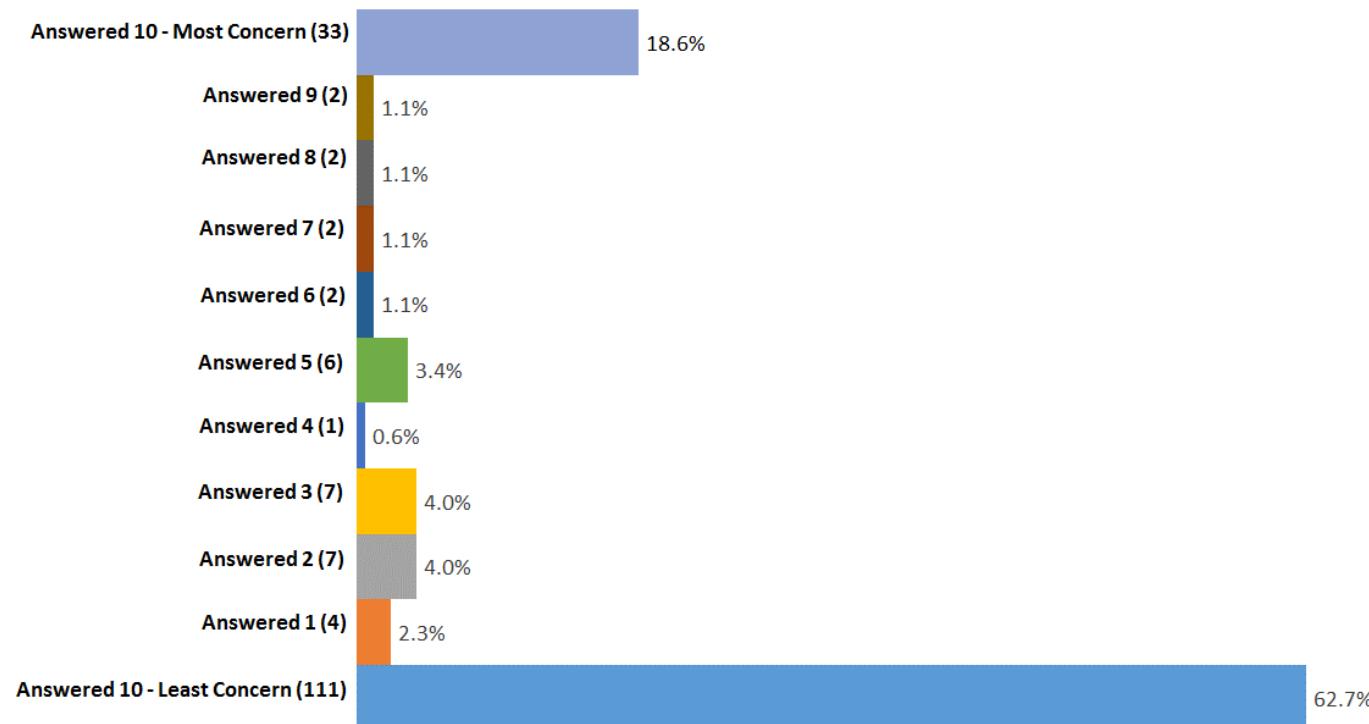
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CWC Ditch #13 Final Survey Results 8/10/15

How concerned are you regarding the ditch's ability to properly drain this parcel? (177 Responses)



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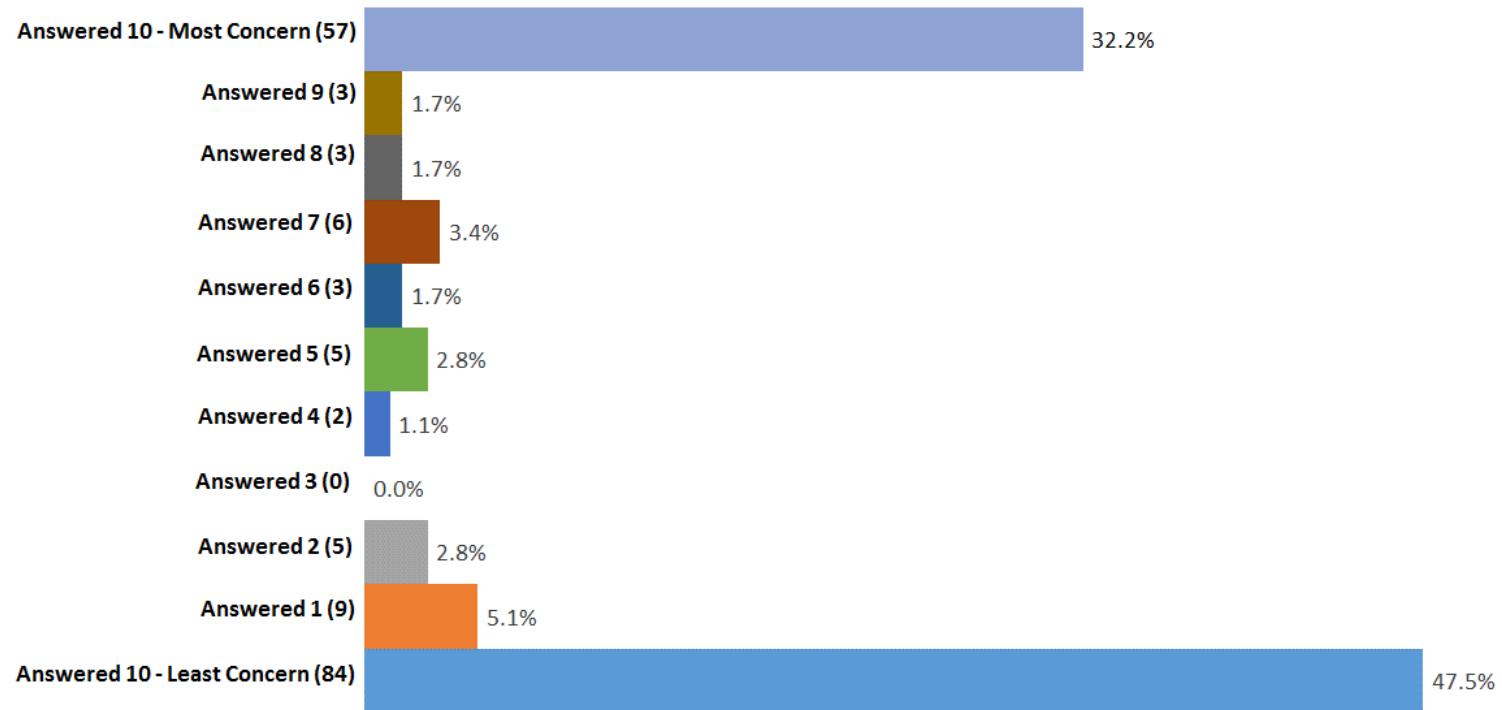
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CWC Ditch #13 Final Survey Results 8/10/15

How concerned are you regarding Ditch 13's ability to maintain area lake levels? (177 Responses)



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Public Comment and Q&A



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