

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for ensuring the integrity of the financial statements and for providing a clear audit trail.

2. The second part of the document outlines the various methods used to collect and analyze data. It describes how different types of information are gathered and how they are processed to identify trends and anomalies.

3. The third part of the document focuses on the results of the analysis. It presents the findings in a clear and concise manner, highlighting the key areas of concern and the potential risks involved.

4. The final part of the document provides recommendations for improving the system. It suggests several measures that can be taken to enhance the accuracy and reliability of the data, as well as to streamline the reporting process.

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 3 South Range 16 East County Sweet Grass

6	5 980 ft	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

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Township 3 South Range 16 East

Transcript of Proceedings

No.	Name of Applicant	Class of License	Date Recd.	Date Filed	Vol.
98	W. H. Brown	Class A License	11-11-11	12-11-11	150





STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township..... Range..... County.....

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

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Township..... Range.....

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY  
FARM MAP

County Blaine

Code No. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Name of Land Owner..... Address.....

Name of Operator..... Address.....

Legal Description.....

Irrigated Land

Non-irrigated Land  
North

Potential Land Under Existing Facilities

Code No. .... System..... Source of Water.....

Basin..... Present..... Potential..... Maximum..... R..... F..... P..... G..... S.....

Code No. .... System..... Source of Water.....

Basin..... Present..... Potential..... Maximum..... R..... F..... P..... G..... S.....

Code No. .... System..... Source of Water.....

Basin..... Present..... Potential..... Maximum..... R..... F..... P..... G..... S.....

Code No. .... System..... Source of Water.....

Basin..... Present..... Potential..... Maximum..... R..... F..... P..... G..... S.....

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system.....

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ..... Date.....

Farm Checked

By W. J. ...

Area ...

Date ...

Legal Land Owner ... Address ...

Operator ... Address ...

Water is delivered by:

Federal Project ... Pres. ... Pot. ...

Ditch Company ... Pres. ... Pot. ...

Irrigation District ... Pres. ... Pot. ...

Private System ... Pres. ... Pot. ...

Totals ...

Flood ... Pump ... Reservoir ... Gravity ...

Size and Capacity, Pump, etc. ...

Original Appropriator, Company ... App. No. ...

Original Appropriator, Private ... App. No. ...

Is the system an extension of another system? Yes ... No ...

Is all land irrigated from one system? Yes ... No ...

(If No, show break down on map)

Source of Water ...

Acres Irrigated 19...

Potential Acres ... Secured ...

Explain ...

Condition of System ...

Adequate Supply ... Yes ... No ...

Explain ...

Topography ...

Information From ...

Remarks ...


STATE OF MONTANA  
**State Engineer's Office**  
 WATER RESOURCES SURVEY

FORM F-1 REPORTER 1M 3-49 17310

Code No. ...

County ...

T. ... R. ... Sec. ...

Photo No. ...





STATE OF MONTANA  
**STATE ENGINEER'S OFFICE**  
WATER RESOURCES SURVEY

Township ..... Range ..... County .....

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

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Township ..... Range .....

STATE OF MONTANA

State Engineer's Office  
WATER RESOURCES SURVEY  
FARM MAP

County Yellowstone

Code No. \_\_\_\_\_

Twp. 37N Rge. 10E

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

30-40-00-00-00

10-1-00-00

Name of Land Owner..... Address.....

Name of Operator..... Address.....

Legal Description.....



Irrigated Land



Non-Irrigated Land

North



Potential Land Under Existing Facilities

Code No..... System..... Source of Water.....

Basin..... Present..... Potential..... Maximum..... R..... F..... P..... G..... S.....

Code No..... System..... Source of Water.....

Basin..... Present..... Potential..... Maximum..... R..... F..... P..... G..... S.....

Code No..... System..... Source of Water.....

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Basin..... Present..... Potential..... Maximum..... R..... F..... P..... G..... S.....

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system.....

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Information from..... Date.....

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 4 South Range 13 East County San Juan

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

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Township 4 South Range 13 East

Township \_\_\_\_\_ Range \_\_\_\_\_ County \_\_\_\_\_

66 75

Parcel Number	Name of Owner	Address
60	H. J. ...	...
61	...	...
62	...	...
64	Mandel, E. & A. ...	Contact, Wash.
66	Thompson, W.C.; Roth, Morris; Judd, M.R.	(500 m.e.)
155	Churchill, William	Big Lake, Wash.
156	Kerwan, G. Mastland, et al	Contact, Wash.
165	Brier, G. W. et al	...

STATE OF MONTANA  
*State Engineer's Office*  
WATER RESOURCES SURVEY

Township \_\_\_\_\_ Range \_\_\_\_\_ County \_\_\_\_\_

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Township \_\_\_\_\_ Range \_\_\_\_\_

Township \_\_\_\_\_ Range \_\_\_\_\_ County \_\_\_\_\_

Parcel Number	Name of Owner	Address
462	Howell, S. D. Smith, J. H. (1000 M.I.) No legal description. Point of division on south bank of the creek at a point about 1/4 mile from the outlet. South creek main channel is about 1/2 mile from mouth of main channel.	
463	Marlow, W. D. (40 M.I.) No legal description. Point of division on right bank of the creek. The creek is about 1/2 mile from the outlet.	Big Lake
467	U. S. Chrome Co. No legal description. Point of division is on right bank of the creek. The creek is about 1/2 mile from the outlet.	Big Lake
490	Graham, James & Nesell, J. M. No legal description. Point of division is on main branch of the creek. The creek is about 1/2 mile from the outlet.	Big Lake
653	Keeley, W. & E. No legal description. Point of division is on south bank of the creek. The creek is about 1/2 mile from the outlet.	Big Lake
715	Whitt No legal description. Point of division is on right bank of the creek. The creek is about 1/2 mile from the outlet.	Big Lake
566	I No legal description. Point of division is on right bank of the creek. The creek is about 1/2 mile from the outlet.	Washington D. C.





Township 4 South, Range 12 East

<u>No.</u>	<u>Name of Appropriation</u>	<u>Name of Stream</u>	<u>Date App.</u>	<u>Date Filed</u>	<u>M.I.</u>
157	U. S. A.	Plakel's Creek	6-24-39	6-27-39	1.5
158	U. S. A.	Pat. Oak Creek	6-24-39	6-27-39	20
466	Graham, Aron	Traker Creek	6-27-10	6-29-10	100

State Engineer's Office  
WATER RESOURCES SURVEY  
FARM MAP

County San Juan

Code No. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Name of Land Owner \_\_\_\_\_ Address \_\_\_\_\_

Name of Operator \_\_\_\_\_ Address \_\_\_\_\_

Legal Description \_\_\_\_\_

Irrigated Land

Non-Irrigated Land  
North

Potential Land Under Existing Facilities

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. F. P. G. S.

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. F. P. G. S.

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. F. P. G. S.

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. F. P. G. S.

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system \_\_\_\_\_

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from \_\_\_\_\_ Date \_\_\_\_\_





STATE OF MONTANA

State Engineer's Office  
WATER RESOURCES SURVEY  
FARM MAP

County San Juan

Code No. \_\_\_\_\_

Twp. 22 N Rge. 12 E

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Name of Land Owner \_\_\_\_\_ Address \_\_\_\_\_

Name of Operator \_\_\_\_\_ Address \_\_\_\_\_

Legal Description \_\_\_\_\_

Irrigated Land

Non-Irrigated Land  
North

Potential Land Under Existing Facilities

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. F. P. G.

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. F. P. G.

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. F. P. G.

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. F. P. G.

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case in said system \_\_\_\_\_

NOTE: R—Denotes Regular Irrigation, F—Flood Irrigation, P—Water diverted by means of pumping, G—Water diverted  
S—Stored Water.

Information from \_\_\_\_\_ Date \_\_\_\_\_

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township *5 South* Range *13 East* County *Sweet Grass*

6	5	4	3	2	1
7	8	9	10	11	12
13	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Township *5 South* Range *13 East*

Township \_\_\_\_\_ Range \_\_\_\_\_ County \_\_\_\_\_

Parcel Number	Name of Owner	Address
228	Zortman, O.P.	Seymour, Wash
	No legal description	Part of land owned by Zortman
	The above is the only land owned by Zortman	in the area described by

Edmund S. North, Laura L. Hart

<u>No.</u>	<u>Name of Appropriation</u>	<u>Name of Comptroller</u>	<u>Date App.</u>	<u>Date Paid</u>	<u>Am.</u>
1041	Mont. Terr. Conference	Harvard Senior	1-11-32	1-12-32	100





STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Missoula

Code No. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Name of Land Owner \_\_\_\_\_ Address \_\_\_\_\_

Name of Operator \_\_\_\_\_ Address \_\_\_\_\_

Legal Description \_\_\_\_\_



Irrigated Land



Non-Irrigated Land  
North



Potential Land Under Existing Facilities

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. \_\_\_\_\_ F. \_\_\_\_\_ P. \_\_\_\_\_ G. \_\_\_\_\_ S. \_\_\_\_\_

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. \_\_\_\_\_ F. \_\_\_\_\_ P. \_\_\_\_\_ G. \_\_\_\_\_ S. \_\_\_\_\_

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. \_\_\_\_\_ F. \_\_\_\_\_ P. \_\_\_\_\_ G. \_\_\_\_\_ S. \_\_\_\_\_

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_

Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. \_\_\_\_\_ F. \_\_\_\_\_ P. \_\_\_\_\_ G. \_\_\_\_\_ S. \_\_\_\_\_

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system \_\_\_\_\_

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Information from \_\_\_\_\_ Date \_\_\_\_\_



STATE OF MONTANA

State Engineer's Office  
WATER RESOURCES SURVEY  
FARM MAP

County San Juan  
Code No. \_\_\_\_\_  
\_\_\_\_\_

Twp. 12 Rge. 12  
Twp. \_\_\_\_\_ Rge. \_\_\_\_\_  
Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Name of Land Owner..... Address.....  
Name of Operator..... Address.....  
Legal Description.....



Irrigated Land



Non-Irrigated Land  
North



Potential Land Under Existing Facilities

Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_  
Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. \_\_\_\_\_ F. \_\_\_\_\_ P. \_\_\_\_\_ G. \_\_\_\_\_ S. \_\_\_\_\_  
Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_  
Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. \_\_\_\_\_ F. \_\_\_\_\_ P. \_\_\_\_\_ G. \_\_\_\_\_ S. \_\_\_\_\_  
Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_  
Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. \_\_\_\_\_ F. \_\_\_\_\_ P. \_\_\_\_\_ G. \_\_\_\_\_ S. \_\_\_\_\_  
Code No. \_\_\_\_\_ System \_\_\_\_\_ Source of Water \_\_\_\_\_  
Basin \_\_\_\_\_ Present \_\_\_\_\_ Potential \_\_\_\_\_ Maximum \_\_\_\_\_ R. \_\_\_\_\_ F. \_\_\_\_\_ P. \_\_\_\_\_ G. \_\_\_\_\_ S. \_\_\_\_\_

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system.

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Information from \_\_\_\_\_ Date \_\_\_\_\_



STATE OF MONTANA

State Engineer's Office  
WATER RESOURCES SURVEY  
FARM MAP

County Silver Bow  
Code No. \_\_\_\_\_

Twp. \_\_\_\_\_ Rge. \_\_\_\_\_  
Twp. \_\_\_\_\_ Rge. \_\_\_\_\_  
Twp. \_\_\_\_\_ Rge. \_\_\_\_\_

Name of Land Owner..... Address.....  
Name of Operator..... Address.....  
Legal Description.....



Irrigated Land



Non-Irrigated Land  
North



Potential Land Under Existing Facilities

Code No. .... System..... Source of Water.....  
Basin..... Present..... Potential..... Maximum..... R..... F..... P..... G..... S.....  
Code No. .... System..... Source of Water.....  
Basin..... Present..... Potential..... Maximum..... R..... F..... P..... G..... S.....  
Code No. .... System..... Source of Water.....  
Basin..... Present..... Potential..... Maximum..... R..... F..... P..... G..... S.....  
Code No. .... System..... Source of Water.....  
Basin..... Present..... Potential..... Maximum..... R..... F..... P..... G..... S.....

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system.

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ..... Date .....