

Claim No. 11-7579

SUPERSEDED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

CLAIM TO A WATER RIGHT

Under the provisions of Section 42-243, *Idaho Code*, any person claiming a water right established by diversion and application of water to beneficial use must file a claim with the Department of Water Resources. The filing of this claim does not confirm the water right claimed. Water rights represented by a valid permit, license, decree, or previous claim are exempt from this requirement, as are uses of water for domestic purposes as defined in Section 42-111, *Idaho Code*. A filing fee must be submitted with this claim. See the instruction sheet to determine the appropriate fee.

Notice is hereby given that Bret C or Colette H Oxborrow

PO Box 246, Georgetown, ID 83239

(Name of Claimant)

Telephone No: (801)360-9954

(Mailing Address)

(Zip Code)

C/O Keith C. Wilson

Rocky Mountain Environmental Associates Inc.

482 Constitution Way (208) 524-2353

Idaho Falls, ID 83402 (208) 524-1795 Fax

claims a right to the diversion and beneficial use of surface or ground water. The extent and nature of said claim is as follows:

1. Date of Priority: (When the water was first applied to beneficial use) June 29, 1886

A claim is not acceptable for the use of surface water with a priority later than May 20, 1971. A claim is not acceptable for the use of ground water with a priority date later than March 25, 1963, unless the water is used for domestic purposes as defined in Section 42-111, Idaho Code.

2. Describe the source of water: (Name of stream, lake, spring, etc., or ground water)
Stauffer Creek (Nounan Creek) tributary to Bear River

3. Describe the purpose for which the water has been used and the time during the year when you have used the right claimed:

(cfs or af)	(Irrigation, Domestic, Stock, Etc.)	(Both dates inclusive) (MM/DD) (MM/DD)
Quantity <u>3.20 cfs</u>	Use <u>Irrigation</u>	Period of Use From <u>04/01</u> to <u>10/31</u>
Quantity _____	Use _____	Period of Use From _____ to _____
Quantity _____	Use _____	Period of Use From _____ to _____
Quantity _____	Use _____	Period of Use From _____ to _____

4. 3.20 cfs TOTAL QUANTITY USED.
(cfs or af)

5. A) Location of point of diversion is NW $\frac{1}{4}$ of NW $\frac{1}{4}$ of SW $\frac{1}{4}$, Govt. Lot _____
Sec. 32 Township 11S Range 43E B.M., Bear Lake County; additional points
of diversion, if any: NWNENW, NWNWSE Sec 32, T11S, R43E

B) Describe means of diversion of water: (Pump and pipeline, well, diversion dam, reservoir, length of ditch etc.). Give sizes and capacities. Be specific. Describe any changes in the system and give the date of the change.
Head gate, Ditch for flood irrigation

SUPERSEDED

JUL 22 1997

6. A) Describe the place of use within each 40-acre tract in the appropriate box using the symbols listed below. If the use is for irrigation, describe the location by listing the number of irrigated acres within each 40-acre tract.
D - domestic, S - stockwater, M - municipal, C - Commercial, I - Industrial, X - other

Twp	Rge	Sec	NE¼				NW¼				SW¼				SE¼				TOTAL ACRES
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11S	43E	32									20					22			42

TOTAL ACRES 42

- B) If water is used for purposes other than irrigation, fully describe the use. Be specific. _____

NOTE: Include here the type and number of stock watered: _____

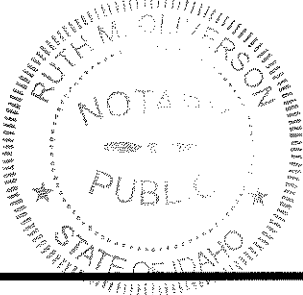
7. Remarks: Stauffer Creek has also been know or Nounan Creek. Claim is based on Posted Notice on file in the Bear Lake County Clerk, Auditor and Recording office. (Copy Attached) See attached flow calculations page.
8. **Map** -- Attach an 8½"x11" map clearly identifying the point of diversion and the place of use by 40-acre subdivisions, section, township and range of the public land survey system. (A photocopy of a USGS 7½ minute topographic quadrangle map is preferred.) Attach an aerial photograph of the place of use if available.

State of Idaho)
County of Bonneville) ss.

Be it known that the undersigned, being duly sworn, deposes and says that he, she, they subscribed the forgoing claim to a water right, together with all attached information, and that the matters and facts therein are true to the best of the affiant's knowledge.

[Signature]
Claimant's Signature (and title if claim is for an organization)

Sworn to before me this 6 day of August, 2007.



Ruth M. Oliveron
Notary Public

Residing at: Shelley, Idaho

My commission expires: 11/30/2010

FOR DEPARTMENT USE ONLY

Received by JPS Date 8-10-07
Prelim. check by _____ Date _____
Fee \$80.00 Receipt # E033196
Receipt prepared by JPS Date 8-10-07

Published in News Examiner
Publication dates 8/29 & 9/5/07
Publication checked by _____ Date _____
Exceptions filed by _____

Place of Use

32

NESW

20 ac

NWSE

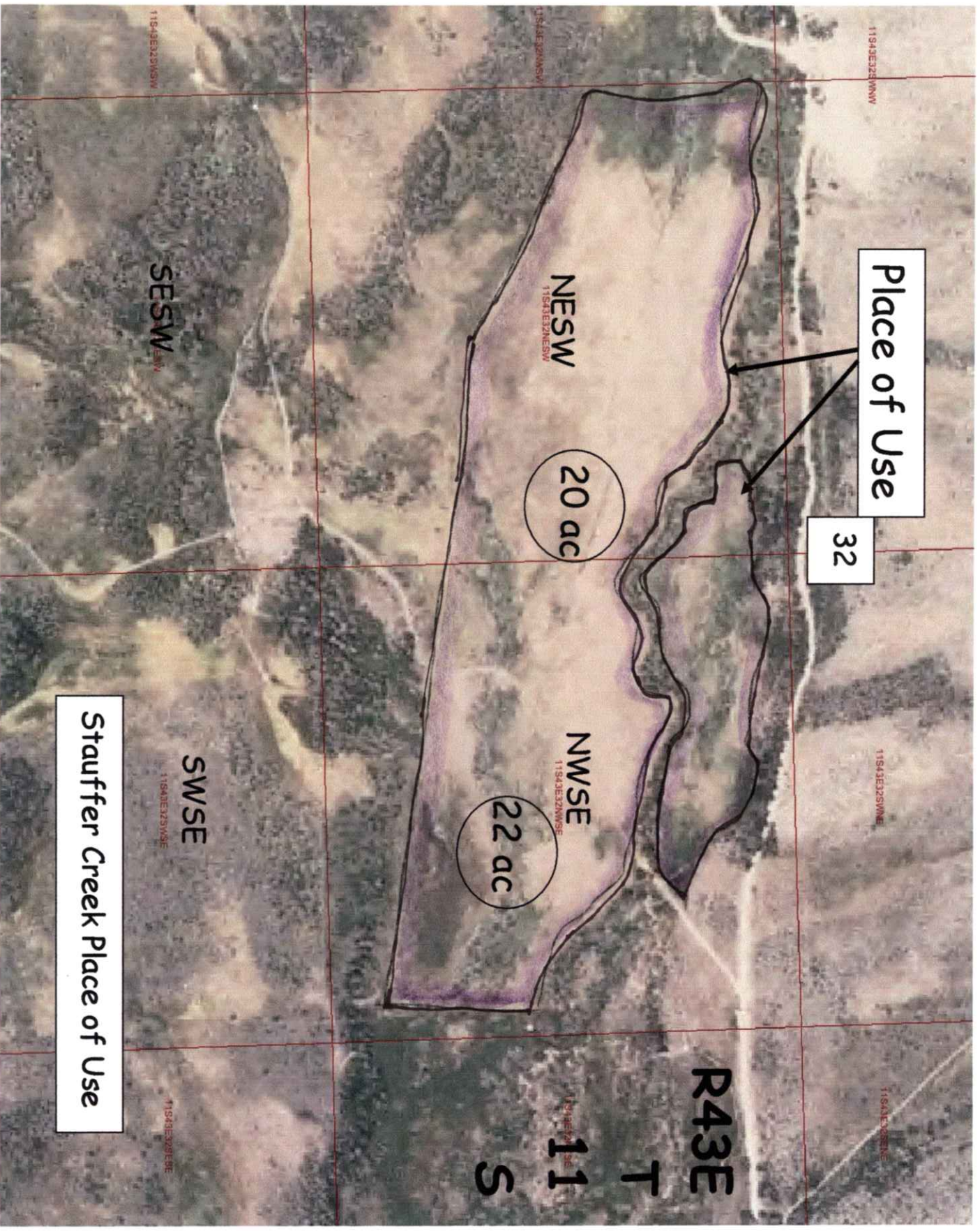
22 ac

SESW

SWSE

Stauffer Creek Place of Use

R43E
T
11
S



Bo...
Pit

Place of Use

Stauffer

NESW

20 ac

NWSE

22 ac

R43E

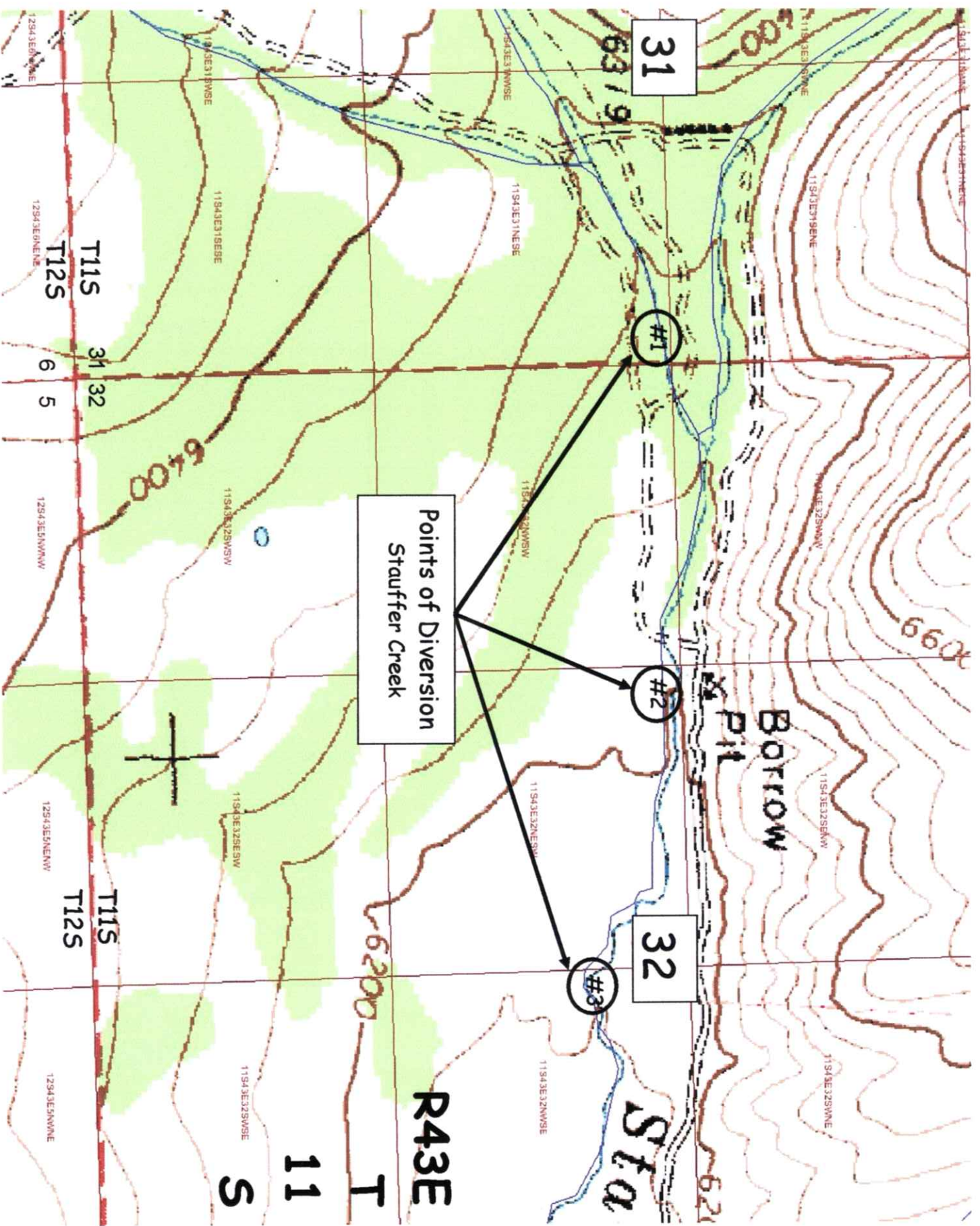
T

11

S

SESW

Stauffer Creek Place of Use



Public Notice

Is hereby given that the undersigned a citizen of the United States hereby claims and appropriates so much of the waters of Nounan Creek in Nounan Valley, Bear Lake County, Idaho Territory as will flow through Two Ditches of the following dimensions, to wit: Three feet wide at the top, Two feet wide at the bottom and One foot deep, with a fall of One inch to the wd.

The point of diversion of the waters of said Nounan Creek is about One Hundred and Twenty rods West from the point where the Liberty-Nounan road crosses said creek for one ditch and the other about Ten rods west from said crossing a Notice being posted at each place.

and the waters of said creek appropriated as aforesaid are to be conducted from the points of diversion into said Ditches of the dimensions aforesaid (one on the South and the other on the North side of said creek) and through said Ditches conducted to the Lands of the undersigned for the purpose of irrigating the same, it being the North-east quarter of South-west quarter and North-west quarter of South-east quarter of Section 32 Township 11 South, of Range 43 East of Boise Meridian.

Paris, Bear Lake County, Idaho, this 29th day of June 9.
A. 1886

Arthur Rudge

Recorded at the request of Arthur Rudge June 29th 1886 at 4
P. M.

John Hassenfratz

County Recorder

STATE OF IDAHO)

COUNTY OF BEAR LAKE) ss

I, KERRY HADDACK, Clerk, Auditor and Recorder of Bear Lake County, Idaho, do hereby certify that the within and foregoing is a full, true and correct copy of the original

Public Notice

in the same appears on Record in my office.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of this office at Paris, Idaho, this 21st day of

MAY

Cindy Lyon Deputy
Clerk, Auditor & Recorder, Bear Lake County, Idaho

Nounan Ck

NESW
NWSE
S1/2
T11S
R43E

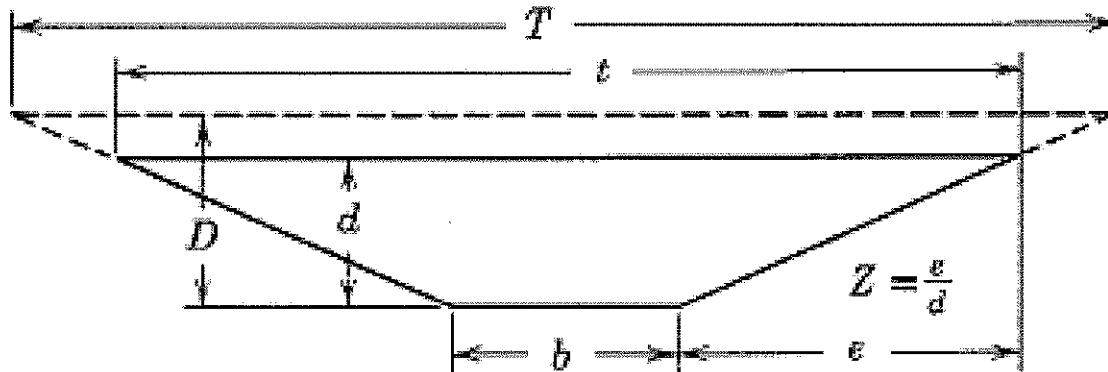
6-29-1886

Flow Calculations of Ditch:

Given: 2 ft wide bottom, 3 ft wide top, 1 ft deep,
Slope 1 in./16.5 ft = 0.08333'/16.5' = 0.00505

Assume: Ditch is Trapezoidal in shape, Freeboard 20% of depth,
Manning Roughness Coefficient (n) = 0.040 & 0.045

Note: Freeboard = $D-d$ for all sections



Cross-Sectional Area A	Wetted Perimeter P	Hydraulic Radius R	Top Width
$bd + Zd^2$	$b + 2d\sqrt{Z^2 + 1}$	$\frac{bd + Zd^2}{b + 2d\sqrt{Z^2 + 1}}$	$t = b + 2dZ$ $T = b + 2dZ$

Manning n: 0.040

$A/P = R$

Hydraulic Radius -----

$$Q = VA \quad V = \frac{k}{n} \left(\frac{A}{P} \right)^{2/3} S^{1/2}$$

Select units:

- ☒ Use feet and seconds units
☐ Use meters and seconds units

Select Calculation:

- ☒ Velocity (V) and Discharge (Q)
☐ Channel Slope (S) from V etc.
☐ Channel Slope (S) from Q etc.
☐ Manning Coefficient (n) from V etc.
☐ Manning Coefficient (n) from Q etc.

$k = 1.49$, for unit conversion

Area, A (ft²):

Wetted Perimeter, P (ft):

Channel Slope, S (ft/ft):

Manning n:

Velocity, V (ft/s):

Discharge, Q (ft³/s, i.e. cfs):

Click to Calculate

1.92

4.24

0.00505

0.040

1.5609735620488008

2.9970692391336975

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$Q_{MAX} = 2.997 \text{ cfs} = 3.00 \text{ cfs}$

Manning n = 0.045 A/P = R Hydraulic Radius -----

$$Q = VA \quad V = \frac{k}{n} \left(\frac{A}{P} \right)^{2/3} S^{1/2}$$

Select units:☒ Use feet and seconds units☐ Use meters and seconds units**Select Calculation:**☒ Velocity (V) and Discharge (Q)☐ Channel Slope (S) from V etc.☐ Channel Slope (S) from Q etc.☐ Manning Coefficient (n) from V etc☐ Manning Coefficient (n) from Q etc

k = 1.49, for unit conversion

Area, A (ft²):

Wetted Perimeter, P (ft):

Channel Slope, S (ft/ft):

Manning n:

Velocity, V (ft/s):

Discharge, Q (ft³/s, i.e. cfs):[Click to Calculate](#)

1.92

4.24

0.00505

0.045

1.3875320551544896

2.66406154589662

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$$Q_{MAX} = 2.664 \text{ cfs} = 2.66 \text{ cfs}$$

Therefore:

Maximum Capacity of Ditch @ a Depth = 0.8 ft = 9.6 in.

(Manning n = 0.040) = 2.997 cfs = 3.00 cfs

(Manning n = 0.045) = 2.664 cfs = 2.66 cfs

Ditch Capacity, Depth of Water at 0.5' (6 in) & Manning n = 0.045

Flow calculation:

$$Q = VA \quad V = \frac{k}{n} \left(\frac{A}{P} \right)^{2/3} S^{1/2}$$

Select units:☒ Use feet and seconds units☐ Use meters and seconds units**Select Calculation:**☒ Velocity (V) and Discharge (Q)☐ Channel Slope (S) from V etc.☐ Channel Slope (S) from Q etc.☐ Manning Coefficient (n) from V etc☐ Manning Coefficient (n) from Q etc

k = 1.49, for unit conversion

Area, A (ft²):

Wetted Perimeter, P (ft):

Channel Slope, S (ft/ft):

Manning n:

Velocity, V (ft/s):

Discharge, Q (ft³/s, i.e. cfs):[Click to Calculate](#)

1.25

3.118

0.005050505

0.045

1.2793727378634736

1.599215922329342

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$$Q = 1.599 \text{ cfs} = 1.60 \text{ cfs}$$

Ditch Capacity, Depth of Water at 0.4' (4.8 in) & Manning n = 0.045
Flow calculation:

$$Q = VA \quad V = \frac{k}{n} \left(\frac{A}{P} \right)^{2/3} S^{1/2}$$

Select units:

- ☒ Use feet and seconds units
☐ Use meters and seconds units

k = 1.49, for unit conversion

Select Calculation:

- ☒ Velocity (V) and Discharge (Q)
☐ Channel Slope (S) from V etc.
☐ Channel Slope (S) from Q etc.
☐ Manning Coefficient (n) from V etc.
☐ Manning Coefficient (n) from Q etc.

Area, A (ft²):

Wetted Perimeter, P (ft):

Channel Slope, S (ft/ft):

Manning n:

Velocity, V (ft/s):

Discharge, Q (ft³/s, i.e. cfs):

Click to Calculate

0.88

2.894

0.005050505

0.045

1.0640546180358852

0.936368063871579

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Q = 0.936 cfs or 0.94 cfs