

RECEIVED

FORM 202 Rev. 09/16

AUG 18 2021

WATER RESOURCES
WESTERN REGION

*Priority = 7/12/2021

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

Ident. No. 65-24047

1. Name of applicant(s) Josh Davis Phone _____
 Name connector (check one): ☐ and ☐ or ☐ and/or
 Mailing address 23 Warm Lake Hwy City Cascade
 State Idaho ZIP 83611 Email Josh@graniteexcavation.com
2. Name of representative, if any T-O Engineers Phone (208) 323-2288
 Mailing address 2471 S. Titanium Place City Meridian
 State Idaho ZIP 83642 Email dsterling@to-engineers.com
- a. ☐ Send all correspondence for this application to the representative and not to the applicant OR
☒ Send original correspondence to the applicant and copies to the representative.
- b. ☒ The representative may submit information for the applicant but is not authorized to sign for the applicant OR
☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation.
3. Source of water supply Groundwater which is a tributary of N/A
4. Location of point(s) of diversion:

Tw	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
14N	4E	31			SW	SE	Valley County	Ground Water	

5. Water will be used for the following purposes:
- Amount 106 AF for Aesthetic Storage purposes from Jan. 1 to Dec. 31 (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
6. Total quantity to be appropriated is (a) _____ cubic feet per second (cfs) and/or (b) 106 acre-feet per year (af).
7. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source. Pond shall be an excavated groundwater Pond
- b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 12. For dams 10 feet or more in height AND having a storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☒ No
- c. Proposed well diameter is N/A inches; proposed depth of well is N/A feet.
- d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ No
- e. If well is already drilled, when? N/A; drilling firm N/A;
 well was drilled for (well owner) N/A; Drilling Permit No. N/A

For Department Use

Received by LE Date 5/18/2021 Time 2:30 PM Preliminary check by AK
 Fee \$ 290 Received by LE Receipt No. W249399 Date 5/18/2021

8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in kW. N/A
- b. Stockwatering; list number and kind of livestock. N/A
- c. Municipal; must complete and attach the [Municipal Water Right Application Checklist](#).
- d. Domestic; show number of households N/A
- e. Other; describe fully. N/A

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14N	4E	31															5.56		5.56
																	J		

Total number of acres to be irrigated: 5.56

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? N/A There are no existing rights onsite for aesthetic storage

- 11. a. Who owns the property at the point of diversion? Josh Davis
- b. Who owns the land to be irrigated or place of use? Josh Davis
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: N/A

12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Pond is used for ground water storage and aesthetic purposes for the proposed subdivision. Total perimeter area is approximately 5.56 acres.

The depth in the center of the pond is appropriately 30 feet. Pond volume accounting for evaporative losses is a total of 105.5 AF. Evaporative losses are 7.3 AF per year.

13. Time required for completion of works and application of water to proposed beneficial use is 2 years (minimum 1 year).

14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Signature of Applicant

Signature of Applicant

Print Name (and title, if applicable)

Print Name (and title, if applicable)

Seepage Loss Calculations

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total annual seepage losses from a pond.

FILE NUMBER	xx-xxxxx
REVIEWER	Joe Agent
DATE	12/9/2020

User Input
Calculated value
Formula Explanations

INPUTS

Pond Surface Area (AC.)	5.56	AC.
-------------------------	------	-----

Pond Surface Area (SQ. FT.)	242194	SQ. FT.
-----------------------------	--------	---------

I used the following method to obtain my Soil Classification information:	NRCS Web Soil Survey	
My Soil Classification is	GrndWtr	
Suggested Seepage Rate (FT./DAY)	0.0000	FT./DAY

Formula: (Surface Area X Seepage Rate) X 7.48 = Gallons Per Day Loss		
--	--	--

Convert to GPD	0	GPD
----------------	---	-----

Total Seepage Loss (AFA)	0.0	AFA
--------------------------	-----	-----

Though sand and gravel seepage rates may actually be higher, the maximum allowable rate is 0.2 ft/day, pursuant to Administrative Memo "Seepage Loss Standards for Ponds and Reservoirs."

Suggested Seepage Rates for Different Soil Types:
GW, GP, GM, GC, SW, SP and SM (silty sand, sand silt mixtures and gravel mixtures) = 0.2 ft per day
OL and ML (inorganic silts - very fine sands, silty, or clayey fine sands) = 0.02 ft per day
SC (clayey sands, sand clay mixtures) = 0.007 ft per day
CL (Low to medium plasticity clays) = 0.003 ft per day
MH, OH, PT and CH (high plasticity clays) = 0.0003 ft per day
LINED PONDS (liners can be chemical, fabric, or bentonite) = 0 ft per day
Ponds Intercepting Groundwater (excavated ponds filled by ground water) = 0 ft per day

PLEASE NOTE: The initial basis for the Suggested Seepage Rates in the table above is found on Page 16 of Seepage from Fish Ponds, Bulletin 599, August 1989 Alabama Agricultural experiment Station, Auburn University, Auburn University Alabama. If you don't know the soil type, please refer to the map provided at the NRCS Web Soil Survey (Tab #1), an ArcMap Soil Classification Map (Tab #1.1), or published NRCS Soil Survey (Tab #1.2). Use "0" if the pond fill relies on the water table.

Evaporation Loss Calculations

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the annual evaporation losses from a pond.

FILE NUMBER	xx-xxxxx
REVIEWER	Joe Agent
DATE	12/9/2020

User Input
Calculated value
Formula Explanations

The acronyms used on the Kimberly Research Center website are defined below:

P = Precipitation
ET= Evapotranspiration
P _d = Precipitation deficit
P _d =ET-P

USING THIS SPREADSHEET

Use the link below to access the Kimberly Research Center website. This website provides the Precipitation Deficit for a station most representative of the pond under examination. The Precipitation Deficit is the total amount of free water surface evaporation minus the precipitation for a given area, which gives the total amount of evaporative losses incurred by the pond. There are several weather sites that are used throughout the state. IDWR staff can find the nearest site using Arc Map. The shape file containing the sites can be found at X:/Spatial/Climate/ETIdahostations.shp.

Instructions:

1. Use the link below to navigate to ET Idaho 2012.
2. Select the station which is most representative to your pond location.
3. Click Submit Query.
4. Under "Land Covers with Evapotranspiration Estimates," select "Open Water - Shallow Systems (ponds, streams)" or "Open Water - small stock ponds" depending on the pond size.
5. Click the link to "Precipitation Deficit."
6. Reference and copy (ctrl + C) the first subheading "Mean" values.
7. Click the "Paste Values from ET Idaho" button. The table will automatically enter a zero (0) for any negative precipitation deficit values.

Found at: <http://data.kimberly.uidaho.edu/ETIdaho/>

Precipitation Deficit

Station: Twin Falls 2 NNE (NWS -- 109294)

Month	mm/day ¹	Days per month	mm/Month
Jan	-1.69	31	0.00
Feb	-1.24	28	0.00
March	-0.86	31	0.00
April	0.53	30	15.90
May	1.33	31	41.23
June	2.48	30	74.40
July	3.65	31	113.15
August	3.21	31	99.51
September	1.84	30	55.20
October	0.01	31	0.31
November	-1.79	30	0.00
December	-2.45	31	0.00

Total mm/year = 399.70

PLEASE NOTE: The seasonal average for precipitation deficit should not be used for calculations because precipitation often exceeds evaporation during wetter months of the year. If the pond is kept full, excess precipitation during wetter months does not serve to refill the pond during drier months.

For example, see Sandpoint KSPT (NWS -- 108137), the annual precipitation deficit is -106 mm. However, April through September have positive precipitation deficit values. To properly estimate the annual volume of water necessary to refill a pond due to evaporation losses, the table will automatically enter a zero (0) for each month that the precipitation value is reported as a negative value.

As described above, precipitation offsets evaporation in winter months, so the net effect is that wintertime precipitation deficit is usually zero.

$[(\text{mm/yr}) \div (\text{convert to feet})] \times (\text{Surface area of pond, in acres}) = \text{Evaporation Loss in Acre Feet}$

$$\left(\frac{399.70}{304.8} \right) \times 5.56 = 7.3 \text{ AFA}$$

Total Storage Calculations

FILE NUMBER	XX-XXXXX
REVIEWER	Joe Agent
DATE	12/9/2020

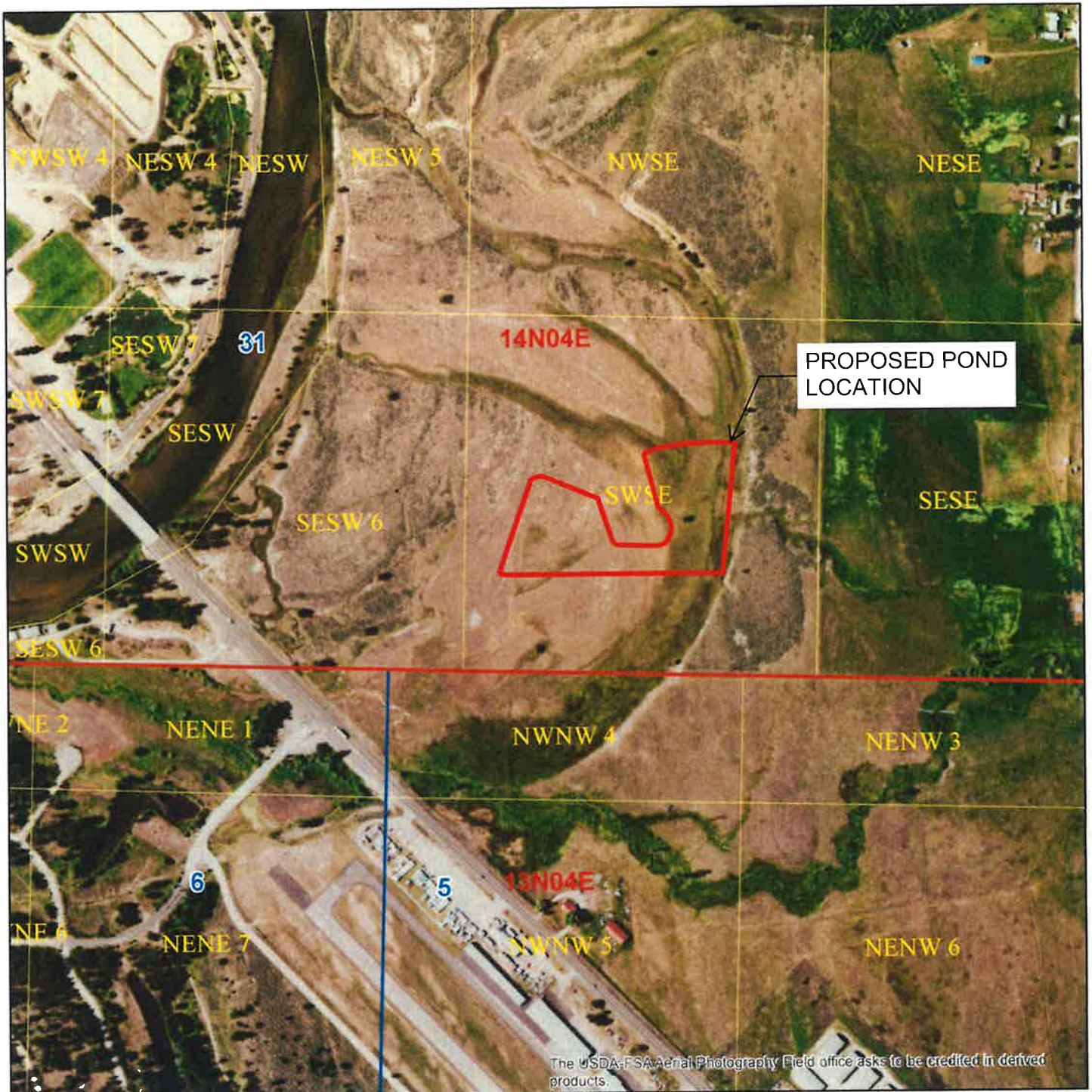
This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total seepage, evaporation and fill capacity required for a pond.

User Input
Calculated value
Formula Explanations

Surface Area (AC.)	5.56	"Surface Area" is automatically carried over from the "Seepage Loss" sheet.
Average Pond Depth (FT.)	17.66	"Average Pond Depth" depicts the actual depth of the pond either measured or estimated. Note: If you know the maximum depth and not the average depth, the Field Examiner's Handbook suggests multiplying the maximum depth by 0.4 to get the average depth, or you can use any method that seems reasonable to attain average depth.
Pond Capacity (AF)	98.1896	Pond Capacity is calculated by multiplying the Pond Surface Area by the Average Pond Depth. If you know the capacity, divide the capacity by surface area and enter the average pond depth in the space above. Note: If pond capacity is determined using a method shown on the "Pond Capacity" sheet, the user may need to modify the value of "Pond Capacity" (cell B9) manually. Note that if the value is modified manually, the formula will be altered for future use.
Multiple Fill Volume Above Initial Fill to Fulfill From Storage Needs- "Multiple Fills" (AF)	0	The "Multiple Fill Volume Above Initial Fill" is the acre-feet of water required to meet a <i>from storage</i> component if the <i>from storage</i> component exceeds a one time fill. This section should not include the amount of water needed to fill the pond initially or the amount of water needed to maintain the pond level due to evaporation or seepage. For example: if a pond has a capacity of 5 acre feet and 2.5 acre feet of seepage and evaporation, but the pond is used for irrigation that requires 10 acre feet of from storage for the irrigation use, then you would insert 5 acre feet into this location (10 acre feet needed - 5 acre feet from the initial fill = 5 acre feet of additional storage needed). Note: You must have a "From Storage" component exceeding the initial fill on the permit to include a volume in this space.
Estimated Seepage Loss (AF)	0.0	The "Estimated Seepage Loss" is automatically carried over from the "Seepage Loss" sheet.
Estimated Evaporation Loss (AF)	7.3	The "Estimated Evaporation Loss" is automatically carried over from the "Evaporation Loss" sheet.
Total Volume Required (AF)	105.5	The "Total Volume Required" is calculated by adding the Pond Capacity, Multiple Fills, Seepage Loss, and Evaporation Loss amounts to determine the total amount of storage required.

Flow Rate into Pond (CFS)	1.00	The "Flow Rate into Pond" depicts the actual flow, either measured or estimated, into the pond. For offstream facilities, this will be equivalent to "diversion to storage" rate.
Highest Daily Evaporation Rate From Evaporation Tab. (mm/Day)	3.65	This number is carried over from the "Evaporation Loss" sheet. It is the highest recorded number in the "Precipitation Deficit Table".
Required Daily Maintenance Volume (AF/Day)	0.07	"Required Daily Maintenance Volume" is the maximum volume of water needed on any given day during the year to maintain pond volume. It is calculated by adding the highest daily evaporation loss to the average daily seepage loss in acre feet. The average daily seepage loss is calculated by dividing the "Estimated Seepage Loss" by 365 days. This is acceptable, since the seepage rate shouldn't vary throughout the season unless the pond completely freezes over during the winter months. The highest daily evaporation loss is calculated by dividing the Highest Daily Evaporation Rate by the 304.8 conversion factor and multiplying this number by the pond surface area to attain a combined daily acre feet requirement.
Minimum Maintenance Flow (CFS)	0.03	The "Minimum Maintenance Flow" is the minimum amount of flow required to maintain the level of the pond. This number is determined by dividing the "Maximum Required Daily Maintenance Volume" by 1.9835. This flow can be used to determine if the flow rate into the pond is adequate to maintain the pond level.
Days Required to Fill the Pond	51	The "Days Required to Fill the Pond" is calculated by dividing the "Pond Capacity" by the "Flow Rate" minus "Minimum Maintenance Flow" multiplied by 1.9835. This section will assist you in determining if the flow rate being diverted to the pond is adequate to fill the pond while maintaining the pond level. The length of time to fill the pond will help determine if the flow rate is adequate for the size of pond being proposed. If this number is approximately 6 months (180 days) or more, the reviewer should have a discussion with the applicant to make sure he/she understands that it will take a significant length of time to fill the pond.
Days Required to Fill the Pond at 13,000 Gallons per Day	-3679	Some water users may want to fill a pond under the 13,000 gallons per day domestic exemption. The "Days Required to Fill the Pond at 13,000 Gallons per Day" is calculated by converting the "Pond Capacity" and the "Required Daily Maintenance Volume" to gallons. The "Pond Capacity" is then divided by 13,000 gallons minus the "Required Daily Maintenance Volume" in gallons to determine the number of days to fill pond. If this number is approximately 6 months (180 days) or more, the reviewer should have a discussion with the applicant to make sure he/she understands that it will take a significant length of time to fill the pond. Negative values indicate that the supply of 13,000 gallons per day is not enough volume to overcome the required daily maintenance volume; the pond will never fill.

AESTHETIC STORAGE



Legend

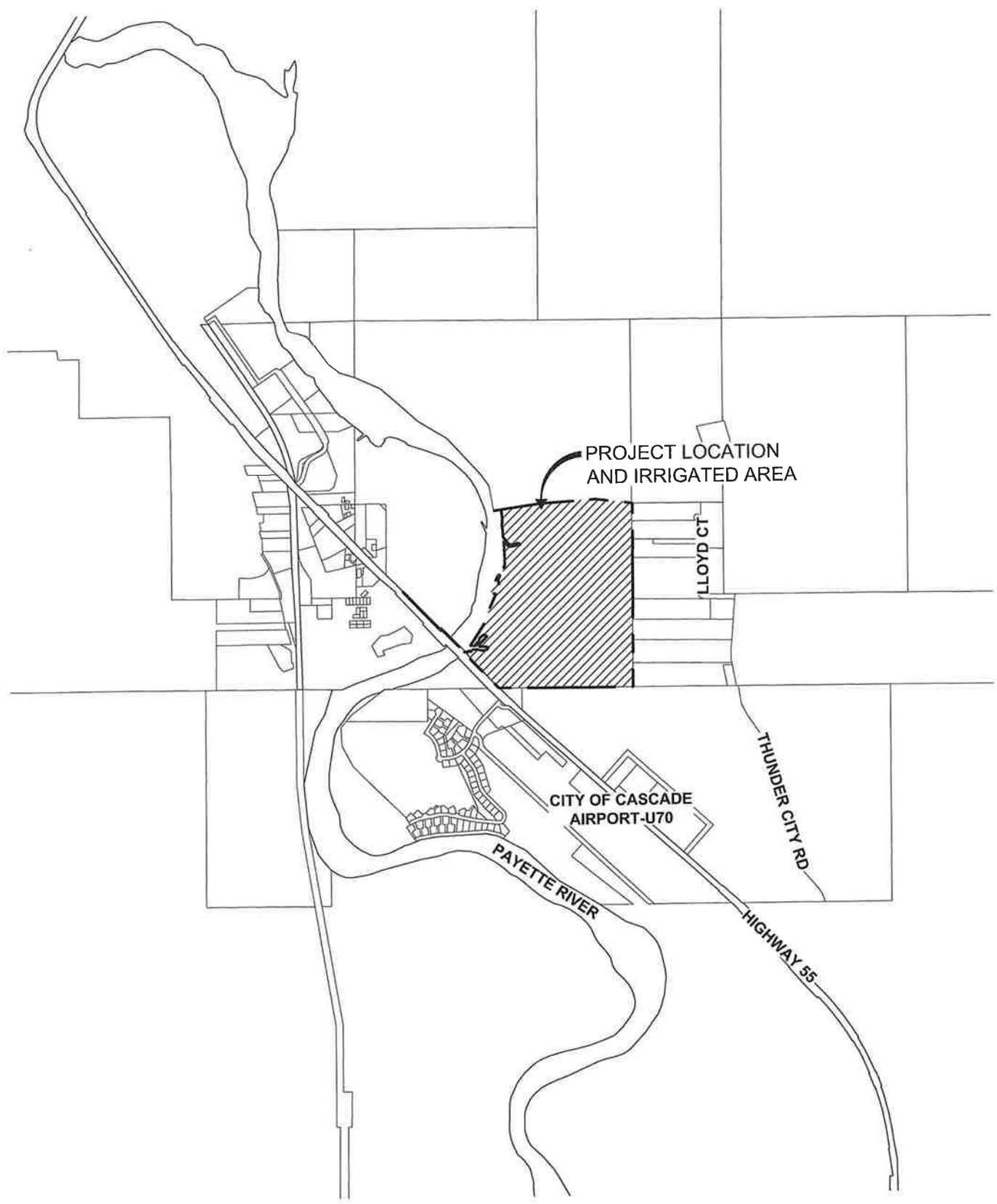
- Township/Range
- Sections
- QQ

0 0.025 0.05 0.1 0.15 0.2 Miles

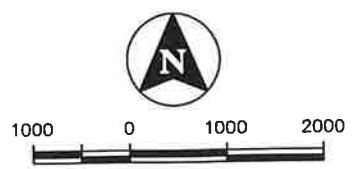


H:\190100\3_Acaddwg\Sheets\Construction Drawings\Construction Phase 1\190100-C0.0- COVER SHEET.dwg, 5/18/2021 10:45:03 AM, Eric Weimer, DWG To PDF.pc3

© 2021 T-O ENGINEERS. THIS INSTRUMENT IS THE PROPERTY OF T-O ENGINEERS. ANY REPRODUCTION, REUSE OR MODIFICATION OF THIS INSTRUMENT OR ITS CONTENTS WITHOUT SPECIFIC WRITTEN PERMISSION OF T-O ENGINEERS IS STRICTLY PROHIBITED



VICINITY MAP



2471 S. TITANIUM PLACE
MERIDIAN, IDAHO 83642-6703

PHONE: (208) 323-2288

WWW.TO-ENGINEERS.COM

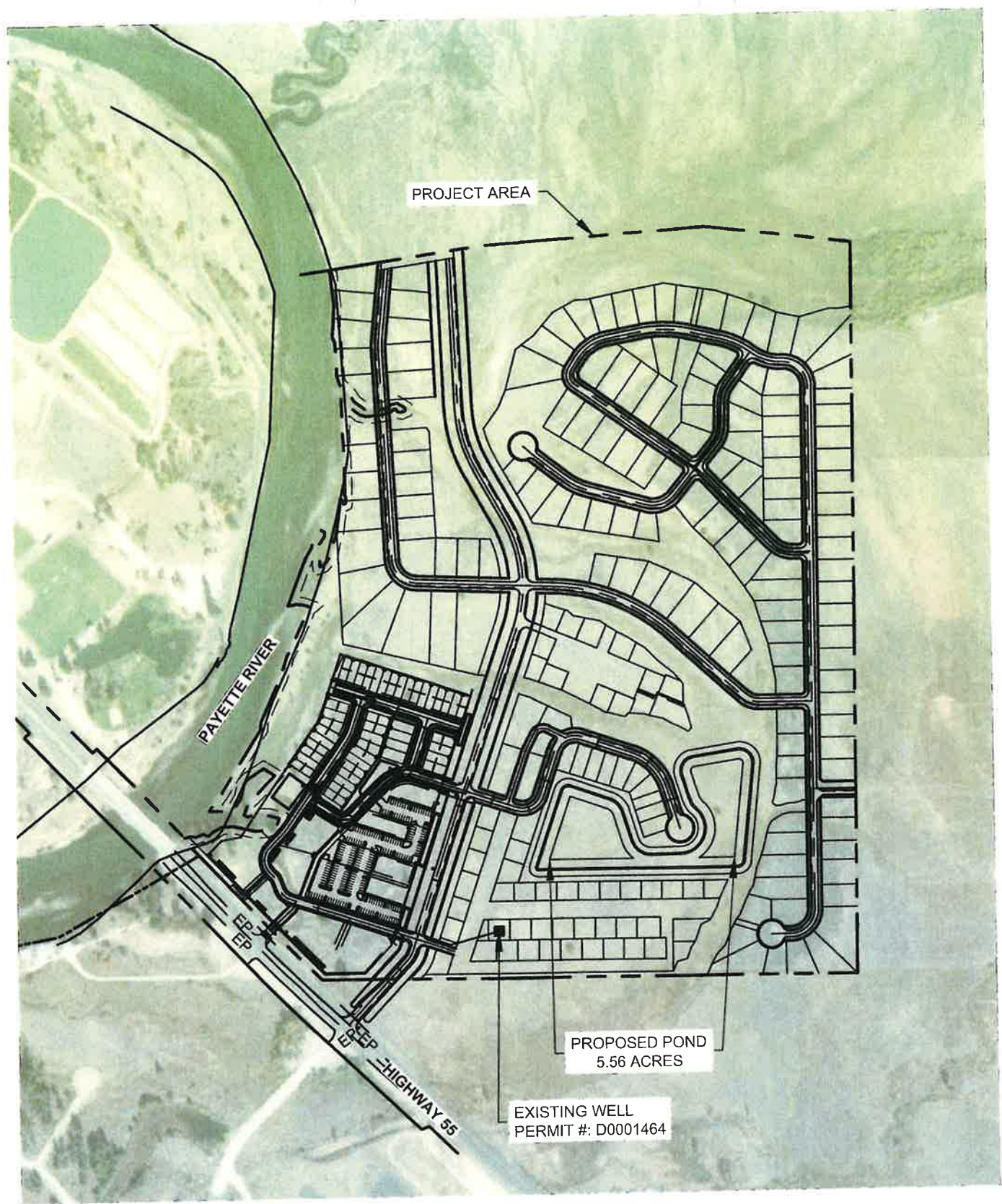
E-FILE: 190100-C0.0- COVER SHEET.dwg

DATE: 5/18/21

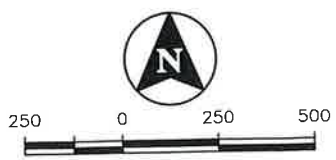
JOB: 190100

H:\190100\3_Acaddwg\Sheets\Construction Drawings\Construction Phase 1190100-C0.0- COVER SHEET.dwg, 5/18/2021 10:48:08 AM, Eric Weimer, DWG To PDF.pc3

© 2021 T-O ENGINEERS. THIS INSTRUMENT IS THE PROPERTY OF T-O ENGINEERS. ANY REPRODUCTION, REUSE OR MODIFICATION OF THIS INSTRUMENT OR ITS CONTENTS WITHOUT SPECIFIC WRITTEN PERMISSION OF T-O ENGINEERS IS STRICTLY PROHIBITED



VICINITY MAP



2471 S. TITANIUM PLACE
MERIDIAN, IDAHO 83642-6703
PHONE: (208) 323-2288
WWW.TO-ENGINEERS.COM
E-FILE: 190100-C0.0- COVER SHEET.dwg
DATE: 5/18/21
JOB: 190100

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

Ident. No.

65-24047
RECEIVEDJUL 12 2021
COMPLETE
WATER RESOURCES
WESTERN REGION

1. Name of applicant(s) Josh Davis Phone _____
 Name connector (check one): ☐ and ☐ or ☐ and/or
 Mailing address 23 Warm Lake Hwy City Cascade
 State Idaho ZIP 83611 Email Josh@graniteexcavation.com
2. Name of representative, if any T-O Engineers Phone (208) 323-2288
 Mailing address 2471 S. Titanium Place City Meridian
 State Idaho ZIP 83642 Email dsterling@to-engineers.com
- a. ☐ Send all correspondence for this application to the representative and not to the applicant OR
☒ Send original correspondence to the applicant and copies to the representative.
- b. ☒ The representative may submit information for the applicant but is not authorized to sign for the applicant OR
☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation.
3. Source of water supply Groundwater which is a tributary of N/A
4. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
14N	4E	31			SE	SW	Valley County	Ground Water	

5. Water will be used for the following purposes:
- Amount 106 AF for Aesthetic Storage purposes from Jan. 1 to Dec. 31 (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
- Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)
6. Total quantity to be appropriated is (a) _____ cubic feet per second (cfs) and/or (b) 106 acre-feet per year (af).
7. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source. _____
 Pond shall be an excavated groundwater +
- b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 12. For dams 10 feet or more in height AND having a storage capacity of 50 acre-feet or more, submit a separate [Application for Construction or Enlargement of a New or Existing Dam](#). Application required? ☐ Yes ☒ No
- c. Proposed well diameter is N/A inches; proposed depth of well is N/A feet.
- d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ No
- e. If well is already drilled, when? N/A; drilling firm N/A;
 well was drilled for (well owner) N/A; Drilling Permit No. N/A

For Department Use

Received by _____ Date _____ Time _____ Preliminary check by _____
 Fee \$ _____ Received by _____ Receipt No. _____ Date _____

Superseded BY 8/18/2021 corrected App (no Amendments)

8. Description of proposed uses (if irrigation only, go to item 9):
- Hydropower; show total feet of head and proposed capacity in kW. N/A
 - Stockwatering; list number and kind of livestock. N/A
 - Municipal; must complete and attach the [Municipal Water Right Application Checklist](#).
 - Domestic; show number of households N/A
 - Other; describe fully. N/A

9. Description of place of use:
- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
 - If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14N	4E	31															5.56		5.56
																	J		

Total number of acres to be irrigated: 5.56

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? N/A There are no existing rights onsite for aesthetic storage

11. a. Who owns the property at the point of diversion? Josh Davis
- b. Who owns the land to be irrigated or place of use? Josh Davis
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: N/A

12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Pond is used for ground water storage and aesthetic purposes for the proposed subdivision. Total perimeter area is approximately 5.56 acres. The depth in the center of the pond is appropriately 30 feet. Pond volume accounting for evaporative losses is a total of 105.5 AF. Evaporative losses are 7.3 AF per year.

13. Time required for completion of works and application of water to proposed beneficial use is 2 years (minimum 1 year).

14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Signature of Applicant

Josh Davis - President

Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

MAY 18 2021
FORM 202 Rev. 09/16
INCOMPLETE
WATER RESOURCES
WESTERN REGION

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

Ident. No. _____

COPY

1. Name of applicant(s) Josh Davis Phone _____
 Mailing address 23 Warm Lake Hwy City Cascade
 State Idaho ZIP 83611 Email Josh@graniteexcavation.com
 Name connector (check one): ☐ and ☐ or ☐ and/or
2. Name of representative, if any T-O Engineers Phone (208) 323-2288
 Mailing address 2471 S. Titanium Place City Meridian
 State Idaho ZIP 83642 Email dsterling@to-engineers.com
- a. ☐ Send all correspondence for this application to the representative and not to the applicant OR
☒ Send original correspondence to the applicant and copies to the representative.
- b. ☒ The representative may submit information for the applicant but is not authorized to sign for the applicant OR
☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation.
3. Source of water supply Groundwater which is a tributary of N/A

4. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
14N	4E	31			SW	SE	Valley County	Ground Water	

5. Water will be used for the following purposes:

Amount 7.3 AF for Pond/Aesthetic purposes from Jan. 1 to Dec. 31 (both dates inclusive)
 (cfs or acre-feet per year)

Amount 98.19 AF for Initial Fill Volume purposes from N/A to N/A (both dates inclusive)
 (cfs or acre-feet per year)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
 (cfs or acre-feet per year)

6. Total quantity to be appropriated is (a) _____ cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).

7. Proposed diverting works:

- a. Describe type and size of devices used to divert water from the source. N/A
- b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 12. For dams 10 feet or more in height AND having a storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☒ No
- c. Proposed well diameter is N/A inches; proposed depth of well is N/A feet.
- d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ No
- e. If well is already drilled, when? N/A; drilling firm N/A;
 well was drilled for (well owner) N/A; Drilling Permit No. N/A

For Department Use

Received by LE Date 05/18/2021 Time 2:30 PM Preliminary check by _____
 Fee \$ 290.00 Receipted by LE Receipt No. W049399 Date 05/18/2021

8. Description of proposed uses (if irrigation only, go to item 9):

a. Hydropower; show total feet of head and proposed capacity in kW. N/A

b. Stockwatering; list number and kind of livestock. N/A

c. Municipal; must complete and attach the [Municipal Water Right Application Checklist](#).

d. Domestic; show number of households N/A

e. Other; describe fully. N/A

9. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
14N	4E	31															5.56		5.56
																	J		

Total number of acres to be irrigated: 5.56

10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? Pond is used for ground water storage and aesthetic purposes

11. a. Who owns the property at the point of diversion? Josh Davis

b. Who owns the land to be irrigated or place of use? Josh Davis

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: N/A

12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Pond is used for ground water storage and aesthetic purposes for the proposed subdivision. Total perimeter area is approximately 5.56 acres. The depth in the center of the pond is appropriately 30 feet. Pond volume accounting for evaporative losses is a total of 105.5 AF. Evaporative losses are 7.3 AF per year.

13. Time required for completion of works and application of water to proposed beneficial use is 2 years (minimum 1 year).

14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Signature of Applicant

Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)



IDAHO DEPARTMENT OF
WATER RESOURCES

Western Region • 2735 W Airport Way • Boise, ID 83705-5082

Phone: 208-334-2190 • Fax: 208-334-2348 • Email: westerninfo@idwr.idaho.gov • Web: idwr.idaho.gov

Governor Brad Little

Director Gary Spackman

August 26, 2021

JOSH DAVIS
23 WARM LAKE HWY
CASCADE, ID 83611-5101

RE: Application for Permit No. 65-24046, 65-24047

Dear Applicant:

The Department of Water Resources has received your water right application. Please refer to the number referenced above in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the STAR NEWS on 9/2/2021 and 9/9/2021. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the permit.

Please contact this office if you have any questions regarding the application.

Sincerely,

Denise Lauerman
Administrative Assistant

CC:
TO ENGINEERS
C/O DAVID STERLING
2471 S TITANIUM PL
MERIDIAN, ID 83642

Lauerman, Denise

From: Lauerman, Denise
Sent: Thursday, August 26, 2021 3:40 PM
To: The Star-News
Subject: VALLEY COUNTY Legal Notice - Application for Permit No. 65-24045, 65-24046, 65-24047, 65-24052, 65-24053, 65-24054
Attachments: Cover Letter Valley County 65-24045, 65-24046, 65-24047, 65-24052, 65-24....docx;
Legal Notice Valley County 65-24045, 65-24046, 65-24047, 65-24052, 65-24....docx

Good afternoon,

Please see the attached ad for publication on 09/02/2021 and 09/09/2021.

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 09/20/2021. Your cooperation is appreciated.

Please confirm this is okay to publish as shown and send confirmation and all other correspondence to this email.

Thanks much!
Denise



Denise Lauerman | Administrative Assistant
Idaho Department of Water Resources - Western Region
2735 W Airport Way, Boise ID 83705
(208) 334.2190 | denise.lauerman@idwr.idaho.gov



State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN Region • 2735 W AIRPORT WAY • BOISE, ID 83705-5082

Phone: (208)334-2190 • Fax: (208)334-2348 • Website: www.idwr.idaho.gov

Brad Little
Governor

Gary Spackman
Director

August 26, 2021

LEGAL NOTICE DEPARTMENT
STAR NEWS
1000 1ST ST
MC CALL, ID 83638

RE: Application for Permit No. 65-24045, 65-24046, 65-24047, 65-24052, 65-24053, 65-24054

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 9/20/2021. Your cooperation is appreciated.

Sincerely,

Denise Lauerman
Administrative Assistant

Enclosures

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

65-24045

STEVE WALKER
MARY ANN WALKER
411F DEINHARD LN # 177
MCCALL, ID 83638-4813
Point of Diversion L2 (NWSE) S32 T19N R03E VALLEY County Source GROUND WATER
Use: IRRIGATION 04/15 to 10/31 0.02 CFS
Total Diversion: 0.02 CFS
Date Filed: 08-09-2021
Place Of Use: IRRIGATION
T19N R03E S32 L2 (NWSE)

65-24046

JOSH DAVIS
23 WARM LAKE HWY
CASCADE, ID 83611-5101
Point of Diversion SWSE S31 T14N R04E VALLEY County Source GROUND WATER
Use: IRRIGATION 04/15 to 10/31 1.67 CFS
Total Diversion: 1.67 CFS
Date Filed: 07-12-2021
Place Of Use: IRRIGATION
T14N R04E S31 L5 (NESW), SWNE, NWSE, SWSE, L6 (SESW)
Total Acres: 89

65-24047

JOSH DAVIS
23 WARM LAKE HWY
CASCADE, ID 83611-5101
Point of Diversion SWSE S31 T14N R04E VALLEY County Source GROUND WATER
Use: AESTHETIC STORAGE 01/01 to 12/31 106 AF
Total Diversion: 106 AF
Date Filed: 07-12-2021
Place Of Use: AESTHETIC STORAGE
T14N R04E S31 SWSE

65-24052

TERRILYN BRYANT
ROBERT BRYANT
PO BOX 1556
MCCALL, ID 83638-1556
Point of Diversion NWNW S33 T18N R03E VALLEY County Source GROUND WATER
Use: DOMESTIC 01/01 to 12/31 0.04 CFS
Total Diversion: 0.04 CFS
Date Filed: 08-06-2021
Place Of Use: DOMESTIC
T18N R03E S33 NWNW

65-24053

STEVE LOOMIS
SUSAN HOLLAND
7154 W STATE ST # 187
BOISE, ID 83714-7421
Point of Diversion SWNE S32 T16N R03E VALLEY County Source UNNAMED STREAM Tributary NORTH FORK PAYETTE RIVER
Use: DOMESTIC 01/01 to 12/31 0.04 CFS
Total Diversion: 0.04 CFS
Date Filed: 08-11-2021
Place Of Use: DOMESTIC
T16N R03E S32 SWNE

65-24054

STEVE LOOMIS
SUSAN HOLLAND
7154 W STATE ST # 187
BOISE, ID 83714-7421
Point of Diversion SWNE S32 T16N R03E VALLEY County Source UNNAMED STREAM Tributary NORTH FORK PAYETTE RIVER
Use: DOMESTIC 01/01 to 12/31 0.04 CFS
Total Diversion: 0.04 CFS

Date Filed: 08-11-2021
Place Of Use: DOMESTIC
T16N R03E S32 SWNE

Permits will be subject to all prior water rights. For additional information concerning the property location, contact the Western office at (208)334-2190; or for a full description of the right(s), please see <https://idwr.idaho.gov/apps/ExtSearch/WRAApplicationResults/>. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Western Region, 2735 W AIRPORT WAY, BOISE ID 83705-5082 together with a protest fee of \$25.00 for each application on or before 9/20/2021. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 9/2/2021 and 9/9/2021

Kaiser, Anna

From: Eric Weimer <eweimer@to-engineers.com>
Sent: Wednesday, August 18, 2021 1:45 PM
To: Kaiser, Anna
Cc: Dave Sterling
Subject: Revised Water right applications - Josh Davis
Attachments: Cascaed River Ranch - Revised Well Application.pdf; Cascaed River Ranch - Revised Pond Application.pdf; Cascade River Ranch - Place of Use Map.pdf; Attachment 10.pdf; Permit Comment Letter.pdf

Hi Anna,

These attached applications (No. 65-24046 & No. 65-24047) for Josh Davis have been revised per your letter dated July 26th, 2021 (attached).

The revisions on these applications are described below.

65-24046 (Irrigation)

- Comment 1. The table has been revised with the correct SWSE quarter-quarter section that matches the attached point of diversion map.
- Comment 2. The place of use area has been revised from the previous 69 acres and increased to 89 acres. Consequently, the requested 1.34 cfs has also been increased to 1.67 cfs to account for this increase in irrigation area. A map that highlights the 89 acre place of use area has been attached to aid this application.

65-24047 (Pond Storage)

- Comment 1. The table has been revised with the correct SWSE quarter-quarter section that matches the attached pond location map.

The Attachment 10 that was submitted previously, is attached on this email for your convenience.

Please let me know if you have any other questions regarding these applications. Thanks for your time in reviewing these applications.

Thank you,

ERIC WEIMER, EI | *Staff Engineer*



T.O. ENGINEERS

2471 S. Titanium Place | Meridian, Idaho 83642

☎ 208-323-2288

www.to-engineers.com



Disclaimer

Kaiser, Anna

From: Kaiser, Anna
Sent: Monday, July 26, 2021 1:32 PM
To: 'dsterling@to-engineers.com'; 'josh@graniteexcavation.com'
Subject: Permit Applications- Corrections/Clarifications Required
Attachments: Letter.pdf; 65-24046.pdf; 65-24047.pdf

Dear Applicant and Representative,

With this email I attached a letter outlining some further corrections/clarifications needed on your permit applications as well as a copy of each application. I placed the letter in the mail this afternoon, so you should each expect to receive a hard copy within the next few days. Please review the attached documents.

You may mail corrected applications to me at the address below, or you may scan a copy of your corrected applications and email back to me.

If you have any questions, please do not hesitate to reach out via email or phone.

Thank you,
Anna

Anna Kaiser | Water Resource Agent
IDWR-Western Region
2735 W Airport Way, Boise ID 83705
(208).334.2190 | anna.kaiser@idwr.idaho.gov



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN

Director

July 26, 2021

JOSH DAVIS
23 WARM LAKE HWY
CASCADE ID 83611

Re: Permit Applications No. 65-24046 & 65-24047

Dear Applicants:

The Idaho Department of Water Resources (Department) received two permit applications from you on May 18, 2021. On June 3, 2021, the Department sent you a letter informing you that your applications were incomplete. On July 12, 2021, the Department received revised versions of your applications. Both applications are considered complete by Department standards at this time and have therefore been assigned the above referenced water right numbers. Before the Department can continue processing your applications, we need a few more corrections/clarifications from you:

65-24046 (application proposing irrigation):

1) *Item 4. – “Location of point(s) of diversion”*

- The point of diversion (POD) described under item 4 of your application does match the map enclosed with your application. The table places your POD in the SESW quarter-quarter section. The map shows your POD is in the SWSE quarter-quarter section.
- Please correct the POD on the table to match the POD displayed on the map enclosed with your application. (If the map is incorrect, please submit a new aerial map showing your proposed POD and POU.)

2) *Item 9b/14. – “Place of use (POU) table/MAP”*

- The acres described in the POD table (under item 9b on pg. 2 of your application) do not match the enclosed map. The table describes 69 total irrigated acres, the enclosed map outlines about 110 acres.
- Please either draw the 69 acres you intend to irrigate on the enclosed map or amend the POU table to describe the approx. 110 acres displayed on the map.
 - **NOTE:** if you do amend the POU table to describe (approx.) 110 acres of irrigation, you will also need to amend the water amounts proposed under items 5 and 6 on pg. 1 of your application to accommodate the increased irrigation acreage.

65-24047 (application proposing pond storage):

1) *Item 4. – “Location of point(s) of diversion”*

- The point of diversion (POD) described under item 4 of your application does match the map enclosed with your application. The table places your POD in the SESW quarter-quarter section. The map shows your POD is in the SWSE quarter-quarter section.
- Please correct the POD on the table to match the POD displayed on the map enclosed with your application. (If the map is incorrect, please submit a new aerial map showing your proposed POD and POU.)

With this letter, I have included copies of your applications. Please make the necessary corrections/clarifications to your applications, and submit your updated applications by mail or in person to me at the address listed below or by email to me at anna.kaiser@idwr.idaho.gov. If you have any questions, please do not hesitate to this call me at (208)-334-2190.

You may seek additional time to provide the information by making a written request to interrupt processing for up to six months. **The application will be returned and refunded without a timely reply within the next thirty (30) days.**

Sincerely,



Anna Kaiser
Water Resource Agent
IDWR | Western Regional Office
2735 W Airport Way, Boise ID 83705

Enclosures: Copies of Applications (65-24046 & 65-24047)

CC: T-O ENGINEERS
 2471 S TITANIUM PLACE
 MERIDIAN ID 83642
 dsterling@to-engineers.com

Kaiser, Anna

From: Kaiser, Anna
Sent: Tuesday, July 6, 2021 3:16 PM
To: 'josh@graniteexcavation.com'; 'dsterling@to-engineers.com'
Subject: Permit Applications for Josh Davis
Attachments: June 3, 2021 Letter.pdf

Dear Applicant and Representative,

On May 18, 2021 the Idaho Department of Water Resources (Department) received your two applications for permit in the name of Josh Davis. Both applications were determined to be incomplete by the Department's standards. On June 3, the Department sent you the attached letter requesting some additional information be added to your applications and giving you 30 days to submit response. As of today (7/6/2021), the department has received no response from you regarding your applications. Do you wish to continue pursuing these applications?

Please provide response by the end of the week (5:00 p.m. on July 9, 2021). If I do not receive a timely response from you, the Department will refund you the application fees and cease processing on your applications.

Thank you,

Anna

Anna Kaiser | Water Resource Agent
IDWR-Western Region
2735 W Airport Way, Boise ID 83705
(208).334.2190 | anna.kaiser@idwr.idaho.gov



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348 • Website: www.idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN

Director

June 3, 2021

JOSH DAVIS
23 WARM LAKE HWY
CASCADE ID 83611

Re: Permit Applications Incomplete

Dear Applicants:

The Idaho Department of Water Resources (Department) received two permit applications from you on May 18, 2021. One application proposes pond storage, the other proposes irrigation. The Department cannot process either application until the following items are addressed:

Application proposing pond storage:

- 1) *Item 5. – “Water will be used for the following purposes”*
 - “Initial Fill Volume” and Pond/Aesthetic should be condensed to a single use described as “aesthetic storage.”
 - Based on the pond use spreadsheet enclosed with your application, you should describe a single aesthetic storage use requiring 106 AF from Jan 1 to Dec 31.
- 2) *Item 6. – “Total quantity to be appropriated...”*
 - Please add a total quantity volume (106 AF) next to part b under item 6.
- 3) *Item 7. Describe type and size of devices used...”*
 - Please specify under part 7 whether the ponds will be excavated groundwater ponds or will be filled by a separate groundwater source like a well.
 - Provide as much details about the pumping/filling process, mechanism(s), etc. as you can at this time.
- 4) *Item 10. – “Describe any other rights used for the same purposes...”*
 - Item 10 asks you to describe any existing rights used for the same purposes as the uses proposed in your application - in this case, aesthetic storage.
 - The Department’s records do not show any existing rights used for aesthetic storage in the area described on your application. If this is the case, please remove the description under item 10.
 - If you believe there is an existing aesthetic storage right used for the same purpose as described, please provide its water right number under item 10.
- 5) *Item 14. – “MAP”*
 - It is unclear based on the maps provided if the proposed point(s) of diversion and place(s) of use fall within the SWSE quarter-quarter, the SESW quarter-quarter, or both.
 - With this application, I enclosed an aerial map of the area you described under items 4 and 9(b) of your application.
 - Please use this map to roughly outline your proposed place(s) of use and mark your proposed point(s) of diversion. If the point(s) of diversion and/or place(s) of use marked on the map does not exactly match the point(s) of diversion described under item 4 and/or the place(s) of use described under item 9(b), please correct items 4 and/or 9(b) as appropriate.

Application proposing irrigation:

1) *Item 10. – “Describe any other rights used for the same purposes...”*

- Item 10 asks you to describe any existing rights used for the same purposes as the uses proposed in your application - in this case, irrigation.
- If you currently have irrigation rights in this area or have water shares from an irrigation company, please specify under item 10.
- If you do not currently utilize water from existing rights or shares.

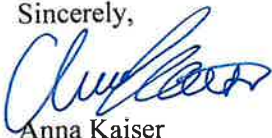
2) *Item 14. – “MAP”*

- It is unclear based on the maps provided if the proposed point(s) of diversion and place(s) of use fall within the SWSE quarter-quarter, the SESW quarter-quarter, or both.
- With this application, I enclosed an aerial map of the area you described under items 4 and 9(b) of your application.
- Please use this map to roughly outline your proposed place(s) of use and mark your proposed point(s) of diversion. If the point(s) of diversion and/or place(s) of use marked on the map does not exactly match the point(s) of diversion described under item 4 and/or the place(s) of use described under item 9(b), please correct items 4 and/or 9(b) as appropriate.

With this letter, I have included your original application for permit and an aerial map of your proposed water use location. Please make the necessary changes to your application, and submit your updated application by mail or in person to me at the address listed below. If you have any questions please do not hesitate to this office at (208)-334-2190.

You may seek additional time to provide the information by making a written request to interrupt processing for up to six months. The application will be returned and refunded without a timely reply within the next thirty (30) days.

Sincerely,



Anna Kaiser
Water Resource Agent
IDWR | Western Regional Office
2735 W Airport Way, Boise ID 83705

Enclosures: Original Applications
 Blank Maps

CC: T-O ENGINEERS
 2471 S TITANIUM PLACE
 MERIDIAN ID 83642