

Processing Materials

- Work copies of applicant-submitted information
- Deficiency letter
- Deficiency response
- Correct & complete determination
- Any correspondence with the applicant after application receipt and prior to sending the Draft PD

Processing Materials



Glasgow Water Resources Regional Office
222 6th St South
PO Box 1269
Glasgow, MT 59230-1269
(Office) 406-228-2561
(Desk) 406-808-7075
ashley.kemmis@mt.gov

February 10, 2026

Hilltop Shop LLC
PO Box 652
Sidney, MT 59270

Subject: Correct and Complete Application for Beneficial Water Use Permit No. 40S 30171344

Dear Applicant,

The Department of Natural Resources and Conservation (Department) has determined that your application is correct and complete pursuant to ARM 36.12.1601. Please remember that correct and complete does not mean that your application will be granted. The purpose of this letter is to indicate that the Department has enough information to analyze your water right application.

The Department will issue a Draft Preliminary Determination within 60 days of the date of this letter per §85-2-307(2)(b), MCA.

Following issuance of the Draft Preliminary Determination, you (Applicant) will have 15 business days to request an extension of time to submit additional information, if desired pursuant to §85-2-307(3)(a), MCA.

If no extension of time is requested and the Draft Preliminary Determination decision is to grant your application or grant your application in modified form, the Department will prepare a notice of opportunity to provide public comment, per §85-2-307(4)(a), MCA.

If no extension of time is requested and the Draft Preliminary Determination decision is to deny your application, the Department will adopt the Draft Preliminary Determination as the final determination per §85-2-307(3)(d)(ii), MCA.

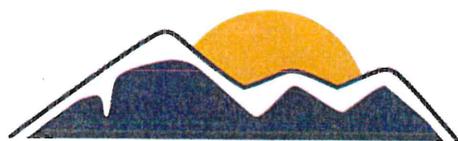


If you have any questions or concerns about the application process, please contact me.

Best,

A handwritten signature in blue ink, consisting of several fluid, connected strokes.

Ashley Kemmis
Water Resource Specialist
Water Rights Bureau
Water Resources Division



[EXTERNAL] RE: Clarifying Questions

From tsjensen@midrivers.com <tsjensen@midrivers.com>
Date Mon 2/2/2026 7:59 PM
To Kemmis, Ashley <Ashley.Kemmis@mt.gov>
Cc tsjensen@midrivers.com <tsjensen@midrivers.com>

Hi Ashley,

The business that will be installing the pump system is Frontier Lawn and Landscaping in Malta. Ron from this company will be doing the install. He makes his own screened intake. He describes it as tomato cage-type of frame that gets attached to the end of the intake pipe, and that entire frame gets covered with screen.

I hope this helps answer your questions,
Thanks!
Janelle

From: Kemmis, Ashley <Ashley.Kemmis@mt.gov>
Sent: Monday, February 2, 2026 3:44 PM
To: tsjensen@midrivers.com
Subject: Clarifying Questions

Hi there,

I'm reviewing the deficiency response, and I have two follow up questions. Usually, these systems include a screened intake to prevent debris from entering your system and protect wildlife. Could you confirm if your system will include a screened intake and if so, please provide specifications. Also, I recall mention of a local business installing your system, but I just wanted to confirm if this will be self-installed or done by a landscaping company.

Thanks,
Ashley



Ashley Kemmis | Water Resource Specialist
Glasgow Regional Office / Water Resources Division
Montana Department of Natural Resources and Conservation
222 6th St S/PO Box 1269 Glasgow, MT 59230
OFFICE: 406-228-2561 **DESK:** 406-808-7075 **EMAIL:** ashley.kemmis@mt.gov
[Website](#) | [Facebook \[facebook.com\]](#) | [\[facebook.com\]](#) | [\[twitter.com\]](#)X [\[twitter.com\]](#)(T
[\[twitter.com\]](#)witter [\[twitter.com\]](#)) | [Instagram \[instagram.com\]](#)
How did we do? Let us know here: [\[forms.office.com\]](#)[Feedback Survey](#)
[\[forms.office.com\]](#)

Hilltop Shop LLC
PO Box 652
Sidney, MT 59270

Received

JAN 12 2026

DNRC Water Resources
Glasgow Regional Office

January 10, 2026

Ashley Kemmis, Water Resource Specialist
Glasgow Water Resources Regional Office
222 6th St South
Glasgow, MT 59230-1269

Subject: Response to deficiency letter for Beneficial Water Use Permit Application No. 40S 30171344

Dear Ashley,

Please find in this letter substantial and credible information addressing the deficiencies in the sections listed below. Responses to each section will be in **BLUE**.

- #2. c. Has any element of the project described in this application changed from the mandatory elements of the project described in the completed form 600P? If yes: please explain.
 - Per ARM 36.12.1401, modification of an element will reset the statutory timelines for application processing identified in 85-2-302 and 85-2-307, MCA unless the applicant completed a pre-application meeting and the modification does not require the department to update its technical analyses.
 - “No” was marked for this question, but the period of diversion, period of use, and irrigated acres differ from the project description on the Preapplication Meeting Form 600P. Please provide clarification on these elements in the corresponding questions. If any element differs from the answers on the 600P form, the answer to this question would be “Yes” and the statutory timelines for the application process would be reset.
 - **Response:**
The answer to #2. c. is still “No”. We inadvertently listed the dates on Application Form 600 incorrectly; the correct information should match the following:
 - Period of diversion is Apr 1 – Oct 31, as indicated in Preapplication Meeting Form 600P
 - Period of use is Apr 1 – Oct 31, as indicated in Preapplication Meeting Form 600P
 - Irrigated acres is 0.75, as indicated in Preapplication Meeting Form 600P

- #18. Fill out the table below. Period of Diversion and Period of Use
 - Per ARM 36.12.1401, modification of an element will reset the statutory timelines for application processing identified in 85-2-302 and 85-2-307.
 - The period of diversion and period of use listed are May 1 – Oct. 31. In the Preapplication Meeting Form 600P part A, the period of diversion and period of use provided was April 1 – Oct. 31. Please clarify the correct period of diversion and period of use.

- **Response:**
We inadvertently listed the incorrect date in table #18 of the Application Form 600. The correct information should match the following:
 - **Period of diversion is Apr 1 – Oct 31, as indicated in Preapplication Meeting Form 600P**
 - **Period of use is Apr 1 – Oct 31, as indicated in Preapplication Meeting Form 600P**
- #19. Does the proposed use include one or more of the following purposes: domestic, multiple domestic, stock, or irrigation?
 - “Yes” was marked for this question and the underground sprinkler system for the yard was referenced. Irrigation use refers to agricultural use, so the Department will assume the answer to this question is “No” per the discussed lawn and garden use in the preapplication meeting.
 - **Response: The answer to this question is “No” per the discussed lawn and garden use in the preapplication meeting.**
- #21. Describe the proposed location of the point(s) of diversion to the nearest ¼ ¼ ¼ section.
 - Per ARM 36.12.110, primary points of diversion must be described as one or more of the following:
 - ¼ ¼ ¼ section, section, township, range and county;
 - lot, block, subdivision, 1/4 section, section, township, range and county;
 - government lot, 1/4 section, section, township, range, and county;
 - certificate of survey number with a lot number, if present, 1/4 section, section, township, range, and county; or
 - latitude/longitude coordinates and the geodetic reference system used to collect the coordinates.
 - In the Application for Beneficial Water Use form, the point of diversion provided is Section 34, T27N, R41E. The legal land description for the point of diversion is incomplete. In the Preapplication Meeting Form: Part A, the point of diversion legal land description was provided as Gov’t Lot 3, NESENW, Section 34, T27N, R41E. Please clarify the correct legal land description of the point of diversion.
 - **Response: The correct legal land description of the point of diversion is Gov’t Lot 3, NESENW, Section 34, T27N, R41E, as provided in the Preapplication Meeting Form 600P.**
- #22. Describe the legal land description of the proposed place of use and, if an irrigation or lawn and garden purpose, list the number of irrigated acres.
 - Per ARM 36.12.110, the legal land description for the place of use must be listed to the nearest concise legal land description.
 - In the Application for Beneficial Water Use form, the place of use provided is Section 34, T27N, R41E. The legal land description for the place of use is incomplete. In the Preapplication Meeting Form: Part A, the place of use legal

land description was provided as Gov't Lot 3, NESENW, Section 34, T27N, R41E. Please clarify the correct legal land description for the place of use.

- **Response: The correct legal land description the place of use is Gov't Lot 3, NESENW, Section 34, T27N, R41E, as provided in the Preapplication Meeting Form 600P.**

- Per ARM 36.12.1401, modification of an element will reset the statutory timelines for application processing identified in §85-2-302 and §85-2-307.
 - The acreage provided in the Application for Beneficial Water Use Permit form is 1.10 acres, but in the Preapplication Meeting Form: Part A, the place of use acreage was provided as 0.75 acres. Please clarify the correct amount of acreage.
 - **Response: The correct acreage is 0.75, as provided in the Preapplication Meeting Form 600P.**

- #34. Describe the size, materials, capacity, and configuration of infrastructure to convey water from all proposed points of diversion to all proposed places of use.
 - Per ARM 36.12.1707, preliminary design plans and specifications for the diversion and conveyance facilities and the equipment used to put the water to beneficial use must be submitted including the proposed flow rate and volume design capacity.
 - More information is needed regarding the equipment used in your operational plan. Please provide additional specifications for the pump and sprinkler system controller. This may include make, model, performance ratings/curves, etc.
 - **Response:**
 - **Munro Model LP150B 1.5HP pump**
 - **Intake 2" pipe / Discharge 2" pipe**
 - **Maximum Total Head in Feet = 115**
 - **Maximum Gallons per Minute = 75**
 - **Maximum PSI 21.55 Discharge Pressure**
 - **Rainbird sprinkler system controller**
 - **Conveyance provided by 1" PVC pipe buried approx. 6 inches below grade**
 - **Pump to mainline that divides to two valve boxes, each valve box has 4 zones**
 - **See attachments for irrigation system summary**

- #47. How much time will be needed to complete this project and to submit to the DNRC a Project Completion Notice?
 - A correct and complete Project Completion Notice for a permit must include:
 - information about all completed elements of the permit;
 - a certified statement in compliance with 85-2-315, MCA;
 - a description explaining compliance or deviation from terms, conditions, or restrictions;
 - if a permit is reduced or modified following the final decree pursuant to 85-2-313, MCA, a

- description explaining compliance with the order reducing or modifying the permit;
 - for a permit authorized for a purpose of sale of water or water marketing, records of the
 - maximum annual use of water and copies of all executed contracts for the sale of all water;
 - other information deemed necessary by the department.
-
- You requested two weeks for the project completion notice. This may not be enough time to construct the system if the permit was issued in the winter months. Please clarify if more time is needed to construct the system and put it to use.
 - **Response: 6 months should be sufficient time to have a correct and complete Project Completion Notice for a permit. Goal is to complete the installation early spring 2026.**

The requested and enclosed information has been submitted to the Glasgow Regional Office prior to the date of February 26, 2026, as specified in the deficiency letter dated October 29, 2025.

Thank you,



Troy Jensen
Member
Hilltop Shop LLC



Janelle Jensen
Member
Hilltop Shop LLC

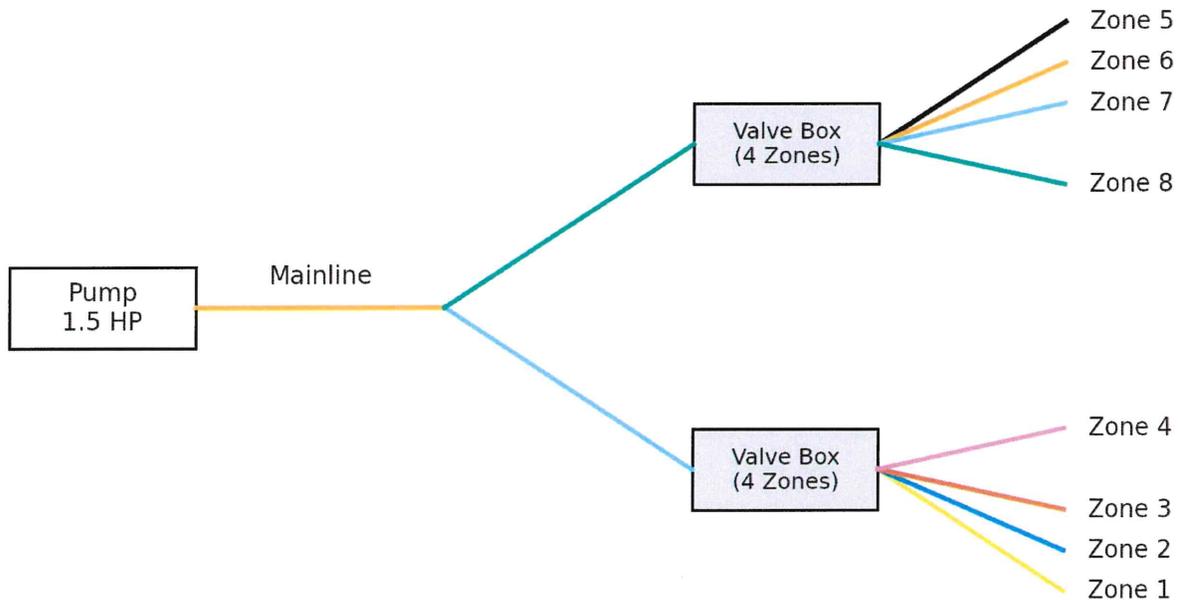
Troy Jensen cell: (406) 480-0906
Janelle Jensen cell: (406) 489-0251

Montana DNRC Permit – Irrigation System Summary

Component	Specification
Pump	Munro model: LP150B 1.5 HP pump, 2" intake & discharge
Capacity	75 gpm maximum flow
Service Area	0.75 acres (lawn, trees, shrubs)
Zones	8 zones (2 valve boxes, 4 zones each)
Cycle Volume	4,000 gallons per day (at 20 gpm)
Schedule	3 times per week, electronic timer controlled
Conveyance	1" buried PVC lines, ~6" deep
Storage	None required – pump/lines sufficient

Schematic – Pump, Mainline, and Two Valve Boxes (4 Zones Each)

Schematic – Irrigation Layout with Two Valve Boxes (4 Zones Each)



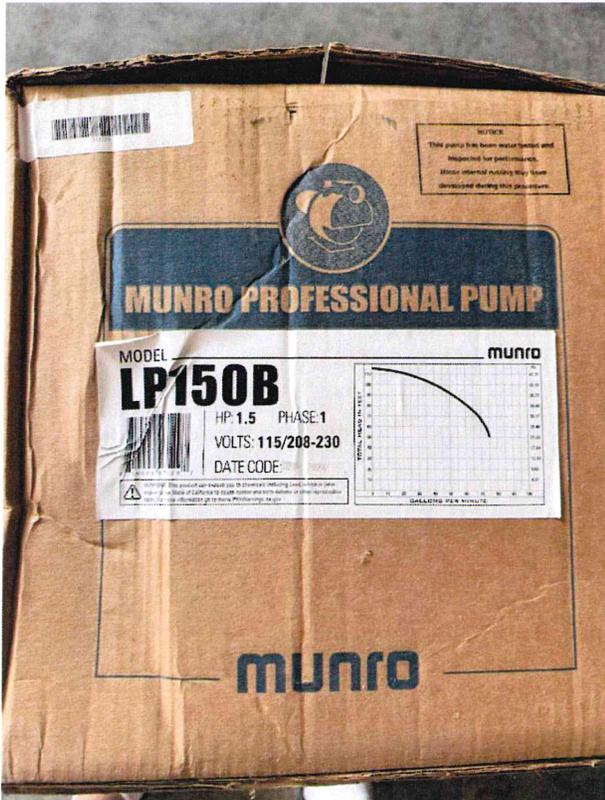
DNRC Irrigation Calculation Sheet – Lawn & Garden Irrigation

This calculation sheet documents the application of DNRC standards for lawn and garden irrigation to the proposed 0.75-acre irrigation system. Values are shown in both acre-feet and gallons for clarity.

Parameter	Standard / Proposed Value	Calculation	Result
Standard Consumptive Use	2.5 acre-feet/acre/year	0.75 acres × 2.5 AF	1.875 AF/year
Volume (in gallons)	1 AF = 325,851 gal	1.875 AF × 325,851	≈ 610,966 gal/year
Irrigated Area	0.75 acres	-	0.75 acres
Period of Use & Diversion	April 1 – October 31	DNRC Standard	214 days
Pump Capacity	18–20 gpm	20 gpm × 200 min/cycle × 3 cycles/week × 26 weeks	≈ 624,000 gal/year
Comparison	DNRC Standard vs. Proposed	620,000 vs. 610,966	Within Standard

The proposed irrigation system (0.75 acres, 18–20 gpm pump, 3 cycles/week) fits within DNRC's lawn and garden irrigation standards for volume and period of use. Calculated annual use is approximately 1.9 acre-feet (≈ 620,000 gallons), consistent with the DNRC standard of 2.5 acre-feet per acre per year.

Munro Model LP150B 1.5 HP Pump





Glasgow Water Resources Regional Office
222 6th St South
PO Box 1269
Glasgow, MT 59230-1269
(Office) 406-228-2561
(Desk) 406-808-7075
ashley.kemmis@mt.gov

October 29, 2025

Hilltop Shop LLC
PO Box 652
Sidney, MT 59270

Subject: Deficiency letter for Beneficial Water Use Permit Application No. 40S 30171344

Dear Applicant,

The Department of Natural Resources and Conservation (DNRC or Department) has begun reviewing your application. This letter is to notify you of the deficiencies in your application as required in ARM 36.12.1501(1) and §85-2-302(5)(b), MCA. An Applicant is required to submit substantial and credible information addressing the rules and statutes that are relative to your application. You must provide the information specified below for your application to be considered correct and complete. "Correct and complete" means all of the information provided is substantial and credible and provides all of the information as required by applicable rules and statutes. The application as submitted contains deficiencies in the following section(s):

- #2. c. Has any element of the project described in this application changed from the mandatory elements of the project described in the completed form 600P? If yes: please explain.
 - Per ARM 36.12.1401, modification of an element will reset the statutory timelines for application processing identified in 85-2-302 and 85-2-307, MCA unless the applicant completed a pre-application meeting and the modification does not require the department to update its technical analyses.
 - "No" was marked for this question, but the period of diversion, period of use, and irrigated acres differ from the project description on the Preapplication Meeting Form 600P. Please provide clarification on these elements in the corresponding questions. If any element differs from the answers on the 600P form, the answer to this question would be "Yes" and the statutory timelines for the application process would be reset.
- #18. Fill out the table below. Period of Diversion and Period of Use
 - Per ARM 36.12.1401, modification of an element will reset the statutory timelines for application processing identified in §85-2-302 and §85-2-307.



- The period of diversion and period of use listed are May 1 – Oct. 31. In the Preapplication Meeting Form 600P part A, the period of diversion and period of use provided was April 1 – Oct. 31. Please clarify the correct period of diversion and period of use.
- #19. Does the proposed use include one or more of the following purposes: domestic, multiple domestic, stock, or irrigation?
 - “Yes” was marked for this question and the underground sprinkler system for the yard was referenced. Irrigation use refers to agricultural use, so the Department will assume the answer to this question is “No” per the discussed lawn and garden use in the preapplication meeting.
- #21. Describe the proposed location of the point(s) of diversion to the nearest $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ section.
 - Per ARM 36.12.110, primary points of diversion must be described as one or more of the following:
 - $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$ section, section, township, range and county;
 - lot, block, subdivision, 1/4 section, section, township, range and county;
 - government lot, 1/4 section, section, township, range, and county;
 - certificate of survey number with a lot number, if present, 1/4 section, section, township, range, and county; or
 - latitude/longitude coordinates and the geodetic reference system used to collect the coordinates.
 - In the Application for Beneficial Water Use form, the point of diversion provided is Section 34, T27N, R41E. The legal land description for the point of diversion is incomplete. In the Preapplication Meeting Form: Part A, the point of diversion legal land description was provided as Gov’t Lot 3, NESENW, Section 34, T27N, R41E. Please clarify the correct legal land description of the point of diversion.
- #22. Describe the legal land description of the proposed place of use and, if an irrigation or lawn and garden purpose, list the number of irrigated acres.
 - Per ARM 36.12.110, the legal land description for the place of use must be listed to the nearest concise legal land description.
 - In the Application for Beneficial Water Use form, the place of use provided is Section 34, T27N, R41E The legal land description for the place of use is incomplete. In the Preapplication Meeting Form: Part A, the place of use legal land description was provided as Gov’t Lot 3, NESENW, Section 34, T27N, R41E. Please clarify the correct legal land description for the place of use.
 - Per ARM 36.12.1401, modification of an element will reset the statutory timelines for application processing identified in §85-2-302 and §85-2-307.
 - The acreage provided in the Application for Beneficial Water Use Permit form is 1.10 acres, but in the Preapplication Meeting Form: Part A, the place of use acreage was provided as 0.75 acres. Please clarify the correct amount of acreage.
- #34. Describe the size, materials, capacity, and configuration of infrastructure to convey water from all proposed points of diversion to all proposed places of use.
 - Per ARM 36.12.1707, preliminary design plans and specifications for the diversion and conveyance facilities and the equipment used to put the water to beneficial use must be submitted including the proposed flow rate and volume design capacity.



- More information is needed regarding the equipment used in your operational plan. Please provide additional specifications for the pump and sprinkler system controller. This may include make, model, performance ratings/curves, etc.
- #47. How much time will be needed to complete this project and to submit to the DNRC a Project Completion Notice?
 - A correct and complete Project Completion Notice for a permit must include:
 - information about all completed elements of the permit;
 - a certified statement in compliance with 85-2-315, MCA;
 - a description explaining compliance or deviation from terms, conditions, or restrictions;
 - if a permit is reduced or modified following the final decree pursuant to 85-2-313, MCA, a description explaining compliance with the order reducing or modifying the permit;
 - for a permit authorized for a purpose of sale of water or water marketing, records of the maximum annual use of water and copies of all executed contracts for the sale of all water;
 - other information deemed necessary by the department.
 - You requested two weeks for the project completion notice. This may not be enough time to construct the system if the permit was issued in the winter months. Please clarify if more time is needed to construct the system and put it to use.

As stated above, the information submitted to address the rules and statutes listed in this deficiency letter must be substantial credible information to be acceptable at the correct and complete determination. §§85-2-102 (9) and (26), MCA.

Please submit the information specified above to the Glasgow Regional Office by February 26, 2026. This is the only deficiency letter that will be sent. An application not corrected or completed within 120 days from the date of this letter is terminated per ARM 36.12.1501(2) and §85-2-302(6)(a), MCA.

Please let me know if you have any questions.

Best,



Ashley Kemmis
Water Resource Specialist
Water Rights Bureau
Water Resources Division



Application Materials

- Application
- Any information submitted with Application including maps

Application Materials



APPLICATION FOR BENEFICIAL WATER USE PERMIT

§ 85-2-302, MCA

Form No. 600 (10/2025)

For Department Use Only Received

OCT 08 2025

DNRC Water Resources Glasgow Regional Office

FILING FEE

\$2900/\$1600 - Inside a Basin Closure Area, Controlled Groundwater Area or Compact Closure; without/with filing fee reduction.

\$2500/\$1200 - Outside a Basin Closure Area; Controlled Groundwater Area or Compact Closure; without/with filing fee reduction.

INFORMATION

An application will be eligible for a filing fee reduction and expedited timelines if the applicant completes a preapplication meeting with the Department (ARM 36.12.1302(1)), which includes submitting any follow-up information identified by the Department (ARM 36.12.1302(3)(c)) and receiving either Department-completed technical analyses or Department review of applicant-submitted technical analyses (ARM 36.12.1302(4) and (5)).

Application # 30171344 Basin 405
Priority Date 10/8/25 Time 12 AM/PM
Rec'd By AK
Fee Rec'd \$ 700.00 Check # 2860
Deposit Receipt # GVS2606127
Payor
Refund \$ Date

Applicant Information: Add more as necessary.

Applicant Name Hilltop Shop LLC (Troy/Janelle Jensen)
Mailing Address PO Box 652 City Sidney State MT Zip 59270
Phone Numbers: Home Work (406) 480-0906 Troy Cell (406) 489-0251 Janelle
Email Address tsjensen@midrivers.com

Applicant Name
Mailing Address City State Zip
Phone Numbers: Home Work Cell
Email Address

Applicant Name
Mailing Address City State Zip
Phone Numbers: Home Work Cell
Email Address

Contact/Representative Information: Add more as necessary.

Contact/Representative is: [X] Applicant [] Consultant [] Attorney [] Other
Contact/Representative Name
Mailing Address City State Zip
Phone Numbers: Home Work Cell
Email Address

NOTE: If a contact person is identified as an attorney, all communication will be sent only to the attorney unless the attorney provides written instruction to the contrary (ARM 36.12.122(2)). If a contact person is identified as a consultant, employee, or lessee, the individual filing the water right form or objection form will receive all correspondences, and a copy may be sent to the contact person (ARM 36.12.122(3)).



Answer every question and applicable follow-up questions. Use the checkboxes to denote yes ("Y"), no ("N"), or not applicable ("NA"). Questions that require items to be submitted to the Department have a submitted ("S") checkbox, which is marked when the required item is attached to the Application. Label all submitted items with the question number for which they were submitted. Narrative responses that are larger than the space provided can be answered in an attachment. If an attachment is used, specify "see attachment" on this form, and label the attachment with the question number. Constrain narrative responses to the specific question as is asked on the form; do not respond to multiple questions in one narrative. Responses in the form of a table may be entered into the table provided on this form or in an attachment. If an attachment is used, the table must have the exact headings found on this form, and "see attachment" must be entered as a response to the relevant question. Clearly label all units in tables and narrative responses.

PREAPPLICATION AND TECHNICAL ANALYSES INFORMATION

- 1. Y N Do you elect for Department technical analyses to be used for criteria assessment?
- 2. Y N Did you have a preapplication meeting AND complete a Permit Preapplication Meeting Form Part A and Part B (Form 600P-A and 600P-B)?

IF QUESTION 2 IS NO, answer 2.a and 2.b:

- 2.a. S Submit the Technical Analyses Addendum (Form 600-TAA).
- 2.b. S NA Submit the technical analyses, if you elected in question 1 for Applicant technical analyses to be used for criteria assessment. Select "NA" if you elected for Departmental technical analyses.

IF QUESTION 2 IS YES, answer 2.c, 2.d, and 2.e:

- 2.c. Y N Has any element of the project described in this application changed from the mandatory elements of the project described in the completed form 600P? **If yes:**
 - 2.c.i. Please explain.

- 2.c.ii. S Submit the Technical Analyses Addendum (Form 600-TAA).

- 2.d. Y N Are the technical analyses to be used for criteria assessment exactly the same as those completed during the preapplication process? **If no:**
 - 2.d.i. Please explain.

- 2.d.ii. S Submit the Technical Analyses Addendum (Form 600-TAA).

- 2.e. Y N Did you elect in Question 1 for Department technical analyses to be used for criteria assessment? **If no:**
 - 2.e.i. S Submit the technical analyses.



APPLICATION ADDENDA AND REVIEW

3. S NA If your application is for groundwater, not surface water, and one or more of your points of diversion are in a Basin Closure Area, then submit the Basin Closure Area Addendum (Form 600-BCA).
4. S NA If your application is for groundwater and one or more points of diversion are in a Basin Closure Area, then your project must have a Hydrogeologic Report that conforms with MCA 85-2-361 to comply with the requirements of § 85-2-360, MCA. A Hydrogeologic Report Addendum (Form 600-HRA) or Department Technical Analyses may be used to meet these requirements. Please mark the box below that best applies, then select "S" if submitting a Hydrogeologic Report or "NA" if one is not required. This question does not apply to surface water points of diversion in a Basin Closure Area.
 - If you elected to conduct Technical Analyses, you must submit the Hydrogeologic Report Addendum (Form 600-HRA).
 - If you elected for DNRC to conduct Technical Analyses but did not have a preapplication meeting AND complete a Form 600P Permit Preapplication Meeting Form (or changes have occurred since the completed Form 600P), you must submit the Hydrogeologic Report Addendum (Form 600-HRA).
 - If you elected for DNRC to conduct Technical Analyses, had a preapplication meeting, completed a Form 600P, and the Technical Analyses remain unchanged since the preapplication meeting, you do not need to submit Form 600-HRA because the Department's Technical Analyses meet the report requirements of § 85-2-360 and § 85-2-361, MCA.
5. S NA If the project is for one or more groundwater points of diversion located in a Controlled Groundwater Area, then submit the Controlled Groundwater Area Addendum (Form 600-CGWA).
6. S NA If the project involves an appropriation that is greater than 5.5 CFS and 4,000 acre-feet, then submit a Criteria Addendum Application for Beneficial Water Use Permit for Appropriations Greater than 5.5 CFS and 4,000 AC-FT (Form 600-B).
7. S NA If the project involves out-of-state water use, then submit the Out-of-State Use Addendum (Form 600/606-OSA).
8. S NA If you require mitigation water to meet the criteria of issuance, then submit a Mitigation Purpose Addendum (Form 600/606-MIT).
9. S NA If the proposed purposes include marketing or selling water, (not marketing for mitigation/aquifer recharge), then submit the Marketing Purpose Addendum (Form 600/606-WMA).
10. S NA If the project involves one or more places of storage, then submit a Permit Storage Addendum (Form 600-SA). This does not include reservoirs, pits, pit-dams, or ponds with a capacity less than 0.1 AF; water tanks; or cisterns (ARM 36.12.113(6)).
11. S NA If the project is in designated sage grouse habitat, then submit a review letter from the Montana Sage Grouse Habitat Conservation Program.
12. S NA If the project includes a point of diversion and/or place of use on State of Montana Trust Land, submit documentation of consent from the DNRC Trust Lands Management Division.
13. S NA You must provide a written notice of the application to each owner of an appropriation right sharing a point of diversion or means of conveyance (e.g., canal, ditch, flume, pipeline, or constructed waterway) pursuant to §85-2-302(4)(c), MCA. Submit a copy of this notice and the recipient list.



PURPOSE AND DIVERSION INFORMATION

14. Y N Is the proposed use temporary?

14.a. If yes, when will the appropriation cease? _____

15. Is the proposed source surface water or groundwater? Surface Water

16. What is the source name? Missouri River

17. S Attach a map utilizing an aerial photograph or topographic map that shows the following: section corners; township and range; north arrow; scale bar; all proposed points of diversion labeled with a unique Point of Diversion (POD) ID number and, if applicable, GWIC number; all proposed places of use; all proposed conveyance facilities and or routes; all proposed places of storage labeled with a unique Storage ID number; and places of use (POU) for all overlapping water rights. More than one map may be submitted, if necessary to clearly convey all required information.

18. Fill out the table below. Means of diversion for surface water includes headgate, pump, dam, and others. Means of diversion for groundwater includes well, developed spring, pit pond, and others.

Purpose	Means of Diversion	Acres Irrigated (if appl.)	Period of Diversion (Month/Day - Month/Day)	Period of Use (Month/Day - Month/Day)	Flow Rate		Volume (Acre-Feet)	
					<input checked="" type="checkbox"/> GPM	<input type="checkbox"/> CFS		
Lawn/Trees/Shrubs	Pump	0.75	May 1 - Oct 31	May 1 - Oct 31	20		1.9	
Total Flow Rate and Volume Required								

19. Y N Does the proposed use include on or more of the following purposes: domestic, multiple domestic, stock, or irrigation? If yes, fill out the table below, where applicable.

Purpose	Requested Information	Response
Domestic or multiple domestic	Number of households and bedrooms served per household	No
Stock	Number of animal units	N/A
Irrigation	Method of irrigation type (sprinkler or flood) and subtype (if flood: level border, graded border, furrow, contour ditch, or other; if sprinkler: center pivot, wheel line, or other)	Underground Sprinkler for Yard
Irrigation (flood only)	Design slope	N/A



POINT(S) OF DIVERSION

20. Describe the proposed location of the point(s) diversion to the nearest ¼ ¼ ¼ Section. Label each POD with the POD ID number used for the project map (question 17).

POD #	¼	¼	¼	Sec.	Twp.	Rge.	County	Lot	Block	Tract	Subdivision	Gov. Lot
1				34	27N	41E	Valley	081			Idlewild Park Subdivision	

PLACE OF USE

21. What are the geocodes of the place of use?

20-3901-34-2-04-09-0000	

22. Describe the legal land description for the proposed place of use and, if applying for an irrigation or lawn and garden purpose, list the number of irrigated acres.

Acres	Gov. Lot	Block	¼	¼	¼	Sec.	Twp.	Rge.	County
1.10						34	27N	41E	Valley

SUPPLEMENTAL AND OVERLAPPING WATER RIGHTS

23. Y N Will other water rights supplement or overlap the place of use to contribute to the purpose(s)?

23.a. If yes, summarize how the supplemental and proposed water rights will be operated as a whole to serve the purpose(s).

24. For each supplemental or overlapping water right, please list the water right number, typical period of diversion and use (MM/DD-MM/DD), flow rate (GPM or CFS), and the volume of water (AF) contributed to the shared place of use.

Water Right #	Average Period of Diversion	Average Period of Use	Flow Rate	Volume Contributed

25. Y N Will this application supplement contract water from a Federal Project, ditch company, or other source?

25.a. If yes, explain.

ADVERSE EFFECT

26. Explain how you can control your diversion in response to a call being made.

If there is a water shortage or drought, I will not use water and will stop pumping.



27. Describe any plans you have for ensuring existing water rights will be satisfied during times of water shortage.

If there is a water shortage or drought, I will not use water and will stop pumping.

28. Y N Are you aware of any calls that have been made on the source of supply or, if groundwater, on nearby surface water sources?

28.a. If yes, explain.

29. Y N Does a water commissioner distribute water or oversee water distribution on your proposed source?

29.a. If yes, list the source(s).

30. Y N Do other water rights share any of the proposed points of diversion?

30.a. If yes, describe how the proposed project will not adversely affect these water rights.

31. Y N Do other water rights share any conveyance infrastructure associated with the proposed project?

31.a. If yes, describe how the proposed project will not adversely affect these water rights.



ADEQUATE MEANS OF DIVERSION AND OPERATION

32. **S** Submit a diagram of how you will operate your system from all proposed points of diversion to all proposed places of use.

33. Describe specific information about the capacity of all proposed diversionary structures. This may include, where applicable: pump curves and total dynamic head calculations, headgate design specifications, and dike or dam height and length.

The proposed diversion consists of a 1.5 HP pump with a 1.5-inch intake and 1.5-inch discharge pipe, operating at a maximum capacity of 18–20 gallons per minute (gpm). The system will irrigate an estimated 0.75 acres through 8 zones. Each zone operates for approximately 25 minutes, resulting in a total daily irrigation cycle of 200 minutes. At 20 gpm, this equates to approximately 4,000 gallons per cycle. Irrigation will occur three times per week to serve lawn, trees, and shrubs.

34. Describe the size, materials, capacity, and configuration of infrastructure to convey water from all proposed points of diversion to all proposed places of use. This may include but is not limited to, pipelines and ditches. Include a description of any losses related to the proposed conveyance. Ditch conveyance losses may be estimated numerous ways, which include a ditch loss rate or Department standard methods.

Conveyance is provided by buried PVC sprinkler lines installed approximately 6 inches below grade. The main lateral lines consist of 1-inch PVC supplying the irrigation sprinkler heads. As all conveyance occurs through enclosed, buried pipeline, conveyance losses are minimal and no open ditches are involved.

35. Describe how the proposed diversion and conveyance infrastructure can provide the required flow and volume, for the purposes plus any conveyance losses and storage, throughout the proposed period of diversion.

The 1.5 HP pump is capable of delivering 18–20 gpm, which is sufficient to operate each irrigation zone in sequence. The 1-inch buried PVC conveyance lines are designed to efficiently deliver this flow to all sprinkler heads with negligible loss. No storage facilities are necessary, as the pump and pressurized line system are adequate to provide the required flow and volume throughout the irrigation season.



36. Provide a plan of operations, which includes specific information about how water is delivered within the place of use. This may include, where applicable, the range of flow rates needed for a pivot.
The irrigation system is operated by an electronic timer that controls the pump and valves to run the 8 irrigation zones in sequence. Each zone operates for approximately 25 minutes, with a total system run time of 200 minutes per irrigation cycle. Irrigation will occur three times per week during the growing season, typically in the early morning or evening to reduce evaporation and ensure efficient watering of lawn, trees, and shrubs.

37. Y N Does the proposed conveyance require easements?

37.a. If yes, explain.

38. Y N Do you own the land where all proposed points of diversion are located?

38.a. S If no, submit documentation to show you have the right to use all points of diversion located on each property you do not own. This may include, but is not limited to, a well agreement, an easement, or permission of the party that owns the property where the proposed point(s) of diversion are located.

39. Y N Will your system be designed to discharge water from the project?

IF YES,

39.a. Explain the wastewater disposal method.

39.b. Y N NA Have the necessary permits been obtained to comply with §§ 75-5-410 and 85-2-364, MCA?

40. Y N Do you have any plans to measure your diversion and use?

40.a. If yes, describe the plan and the type of measurements you will take.



POSSESSORY INTEREST

45. Y N Do you meet one of the exceptions to possessory interest requirements, pursuant to ARM 36.12.1802? Exceptions include cases where the application is for sale, rental, distribution, or is a municipal use, or in any other context in which water is being supplied to another and it is clear that the ultimate user will not accept the supply without consenting to the use of water on the user's place of use.

45.a. If yes, explain.

46. Y N NA Do you own all proposed places of use? Mark "NA" if you meet one of the exceptions to the possessory interest requirement.

IF NO,

46.a. S Explain and submit documentation that shows you either have possessory interest or written permission of the parties with possessory interest of the place of use.

46.b. Y N Would you like the water right to be appurtenant to the land? Please note that if your water right is not appurtenant to land it will not transfer by default with the conveyance of the property, pursuant to § 85-2-403, MCA.

46.b.i. If no, explain.

PROPOSED COMPLETION PERIOD

47. How much time will be needed to complete this project and to submit to the DNRC a Project Completion Notice (Form 617)? 2 weeks.

48. Please describe why this amount of time is needed to complete this project.
This is for installation of the irrigation system.



AFFIDAVIT & CERTIFICATION

Read carefully before you sign and review with legal counsel if you have any questions. All owners (or trustees) must sign the form. ***If the owner is a business or trust, include the title of the representative(s) signing the form (i.e., president, trustee, managing partner, etc.) and provide documentation that establishes the authority of the representative to sign the application.*

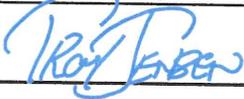
I affirm the information provided for this application is to the best of my knowledge true and correct. If a preapplication meeting form was submitted, I am aware that my application for this project will not qualify for a discounted filing fee and expedited timelines if upon submittal of the application to the Department, I changed any element of the proposed application from the preapplication meeting form and follow-up materials (ARM 36.12.1302(6)(a)).

I affirm I have possessory interest, or the written consent of the person with the possessory interest, in the property where the water is to be put to beneficial use, unless this application meets an exception to the possessory interest requirements in ARM 36.12.1802(1)(b).

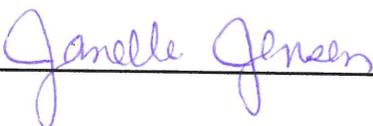
I understand that making a false statement under oath or affirmation in this application and official proceedings throughout the examination of my application may subject me to prosecution under § 45-7-202, MCA, a misdemeanor punishable by a jail term not to exceed 6 months or a fine not to exceed \$500, or both. I have read this Affidavit and understand the terms and conditions.

I declare under penalty of perjury and under the laws of the state of Montana that the foregoing is true and correct.

Printed Name Troy Jensen, Member, Hilltop Shop LLC

Applicant Signature  Date: 10-06-2025

Printed Name Janelle Jensen, Member, Hilltop Shop LLC

Applicant Signature  Date: 10/6/25

Printed Name _____

Applicant Signature _____ Date: _____



CORRECTED WARRANTY DEED REPLACEMENT

[For "154702 DEEDS" recorded 10/14/2014]

For good consideration, we/I Terry Kincannon of Box 312, Fort Peck, Mt. 59223, hereinafter called the GRANTOR, hereby deed and convey to Hilltop Shop LLC of Box 652, Sidney, Mt. 59270, hereinafter called the GRANTEE, the following described property in Valley County, Montana free and clear with WARRANTY CONVENANTS; to wit:

LOT NO. 81 of IDLEWILD PARK, according to the official plat of the subdivision thereon on file and of record in the office of the Clerk and Recorder, Valley County, Montana. Plat filed February 6, 2003 at 9:26 A.M., filed as Misc. File No. 23831, Doc. No. 121735.

SUBJECT to Covenants and Bylaws of Idlewild Park Association, and further subject to easements, right-of-way, reservations, exceptions, and special improvement districts, if any, of record or existing on the premises.

TOGETHER with all and singular the hereinbefore described premises together with all tenements, hereditaments, and appurtenances thereto belonging or in anyway appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof, and also all the estate, right, title, interest, right of dower and right of homestead, possession, claim and demand whatsoever, as well in law as in equity, of the said Grantors, of, in, or to the said premises, and every part and parcel thereof, with the appurtenances thereto belonging. TO HAVE AND TO HOLD, all and singular the above-mentioned and described premises unto the said Grantee, and to its successors and assigns forever

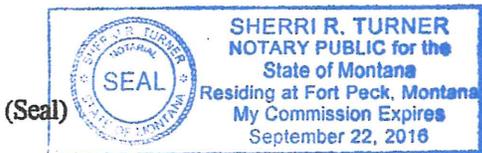
DATED this 18th day of November, 20 14

By [Signature] (Grantor)
[Signature] (Grantor)

STATE OF Montana
County of Valley :SS

This instrument was acknowledged before me this 18 day of November, 2014 by Terry Kincannon.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year first above written.



Sherril R. Turner
Notary Public for the State of _____
Printed Name _____
Residing at _____
My commission expires _____



CERTIFICATE OF SURVEYOR

I, Richard H. Thom, a Registered Land Surveyor, do hereby certify that the survey shown on the attached plat of IDLEWILD PARK, performed by me or under my direct supervision; that said survey is true and complete as shown by monuments found and set are of the character and location thereon.

Dated this 9TH day of JANUARY, 2007

R. H. THOM

Doc 12135
m# 23831

TRACT DESCRIPTION
A TRACT OF LAND LOCATED IN SECTION THIRTY-FOUR (34), TOWNSHIP TWENTY-SEVEN NORTH (T27N), RANGE FORTY-ONE EAST (R41E), PRINCIPLE MERIDIAN MONTANA (P.M.) AND MORE PARTICULARLY DESCRIBED AS FOLLOWS:
Beginning at the N 1/4 corner of Section 34, T27N, R41E, P.M.; thence S0°40'22"W a distance of 133.00 feet; thence S89°29'55"E a distance of 4268.03 feet to the West bank of the Missouri River; thence along the bank of the Missouri River S59°39'19"W a distance of 2137.00 feet; thence S88°21'18"W a distance of 530.85 feet; thence S00°16'40"W a distance of 222.68 feet; thence S74°28'37"W a distance of 205.00 feet; thence S67°50'10"W a distance of 425.00 feet; thence S59°42'27"W a distance of 425.00 feet; thence S43°05'29"W a distance of 450.00 feet; thence S30°22'13"W a distance of 125.00 feet; thence S45°45'53"W a distance of 279.00 feet; thence S21°33'39"E a distance of 83.57 feet to the North line of Gov. Lot 6; thence along the North line N89°34'14"W a distance of 443.00 feet to the Northwest corner of Gov. Lot 6; thence along the West line of Gov. Lot 6, S00°00'00"E a distance of 556.44 feet to the West bank of the Missouri River; thence along the West bank of the Missouri River S50°17'45"W a distance of 297.18 feet; thence S30°31'14"W a distance of 150.00 feet; thence S89°38'06"W a distance of 399.87 feet to the North line of Gov. Lot 7; thence along the North line of Gov. Lot 7 N89°36'44"W a distance of 86.74 feet to the Northwest corner of Gov. Lot 7; thence along the West line of Section 34 N0°04'43"E a distance of 1329.01 feet to the N 1/4 corner of Section 34; thence continuing along the West line of Section 34 N0°05'02"E a distance of 329.55 feet to the N 1/8 corner; thence along the 1/8th line S09°55'44"E a distance of 1326.06 feet to the NW 1/8 corner; thence along the 1/8th line N0°03'00"W a distance of 329.22 feet to the 1/8th corner on the North line of Section 34; thence along the North line of Section 34 S89°35'14"E a distance of 1322.95 feet to the Point of Beginning.

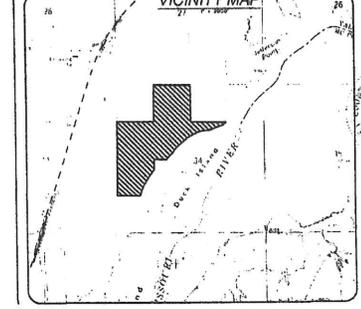
50.00 Acre Containing 153.29 acres
17.70 acres of road right-of-way
85.99 acres of private lots
49.59 acres of blocks

CERTIFICATE OF DEDICATION
We the undersigned property owners, do hereby certify that we have caused to be surveyed, subdivided and plotted into lots, blocks, streets and alleys, as shown by the plat hereto annexed, the above described land in Valley County, Montana, to wit:
We the undersigned hereby grant unto each and every person, firm or corporation, whether public or private, providing an offering to provide telephone, telegraph, electric power, gas, cable television, water or sewer service to the public, the right to the joint use of an easement for the construction, maintenance, repair and removal of sewer lines and other facilities in, over, under and across each area designated on this plat as "Utility Easement" and to hold forever.
We the undersigned hereby certify that parcels known as "Park Areas" and "Common Areas" are parcels in which no structure requiring water or sewage disposal will be erected, therefore these parcels are exempt from revenue pursuant to AD14 17.36.605(2)(i).
We also certify that Legal and physical access is provided by Boxcar Road, a public road located adjacent to the property.

Terry Kincaid
STATE OF MONTANA
County of Daniels
On this 29 day of Jan 2003
Before me, the undersigned Notary Public for the State of Montana, personally appeared Terry Kincaid, known to me to be the persons that executed the same.
My witness WHEREOF, I have hereunto set my hand and affixed my official seal this 29th day and year in the certificate last above written.
Notary Public for the State of Montana
Residing at Laurel, MT
My commission expires 12-17-2005

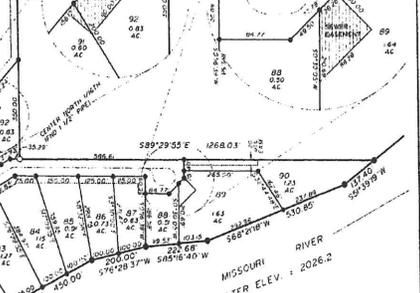
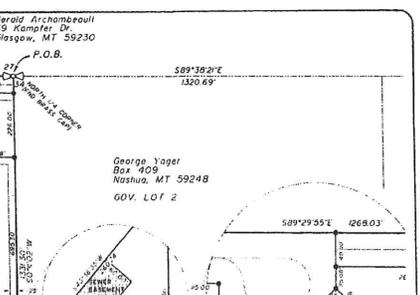
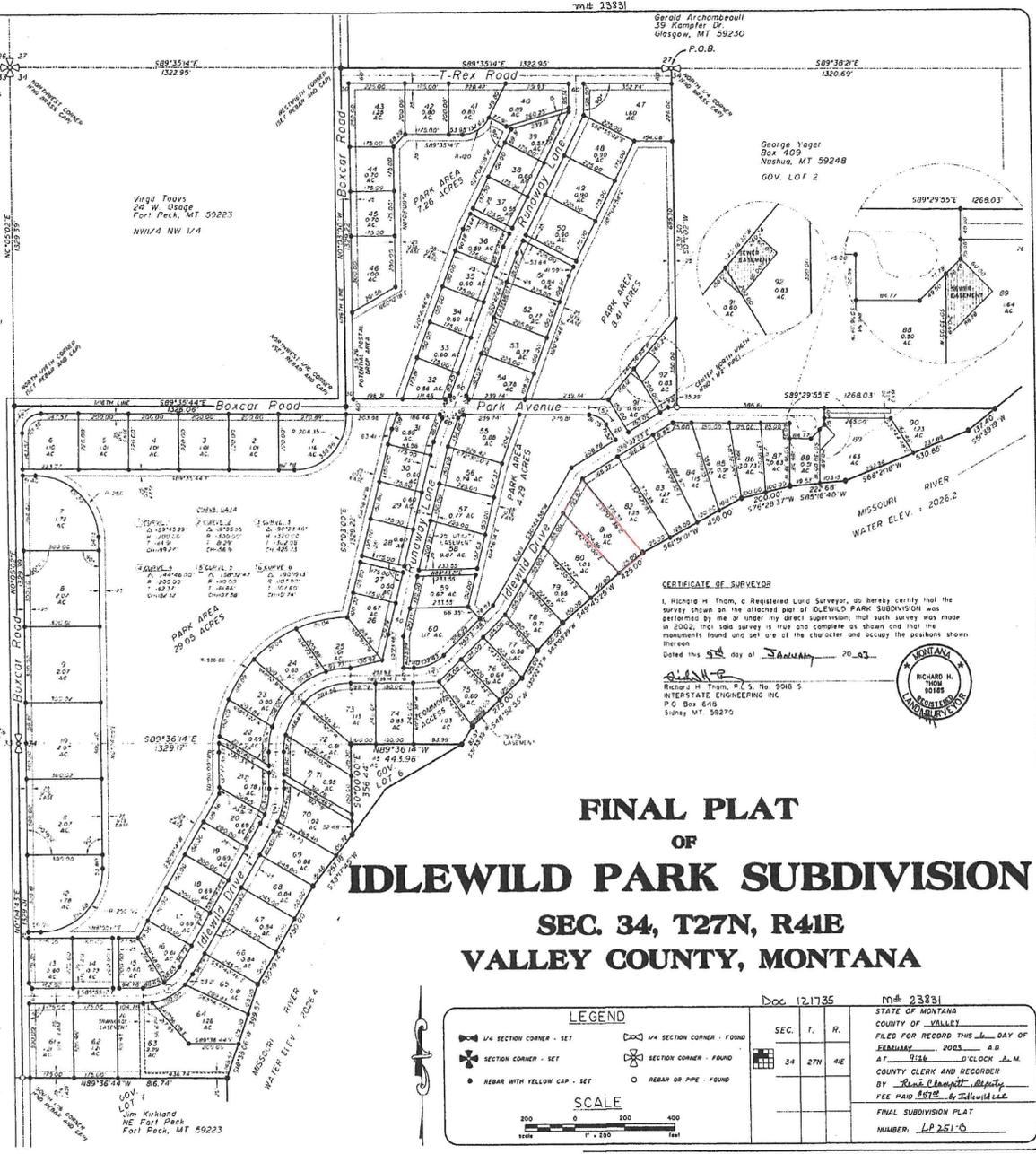
Jack Carney
STATE OF MONTANA
County of Daniels
On this 29 day of Jan 2003
Before me, the undersigned Notary Public for the State of Montana, personally appeared Jack Carney, known to me to be the persons that executed the same.
My witness WHEREOF, I have hereunto set my hand and affixed my official seal this 29th day and year in the certificate last above written.
Notary Public for the State of Montana
Residing at Laurel, MT
My commission expires 12-17-2005

Stephen Carney
STATE OF MONTANA
County of Daniels
On this 29 day of Jan 2003
Before me, the undersigned Notary Public for the State of Montana, personally appeared Stephen Carney, known to me to be the persons that executed the same.
My witness WHEREOF, I have hereunto set my hand and affixed my official seal this 29th day and year in the certificate last above written.
Notary Public for the State of Montana
Residing at Laurel, MT
My commission expires 12-17-2005



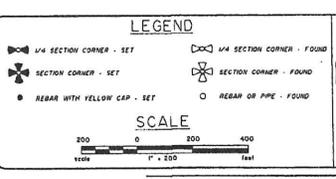
CERTIFICATE OF COUNTY COMMISSIONERS
The County Commission of Valley County, Montana does hereby certify that it has examined the final plat of IDLEWILD PARK SUBDIVISION and found it same to conform to law, and approves it.
Dated this 22 day of January 2003
Richard H. Thom
County Commissioner

CERTIFICATE OF COUNTY TREASURER
I hereby certify, pursuant to Section 76.3 64 (1) (b), M.C.A. that no real property taxes are assessed and levied on the land described above and encompassed by the proposed IDLEWILD PARK SUBDIVISION.
Dated this 28 day of January 2003
Debbi L. Schaefer
County Treasurer, Valley County



CERTIFICATE OF SURVEYOR
I, Richard H. Thom, a Registered Land Surveyor, do hereby certify that the survey shown on the attached plat of IDLEWILD PARK SUBDIVISION was performed by me or under my direct supervision, that such survey was made in 2002, that said survey is true and complete as shown and that the monuments found and set out on the character and location of the positions shown thereon.
Dated this 29 day of JANUARY 2003
Richard H. Thom, P.L.S. No. 9048 S
INTERSTATE ENGINEERING INC.
P.O. Box 6416
Sikees MT 59270

FINAL PLAT OF IDLEWILD PARK SUBDIVISION SEC. 34, T27N, R41E VALLEY COUNTY, MONTANA



Doc 12135	m# 23831
SEC. 34	T. 27N
R. 41E	
STATE OF MONTANA COUNTY OF VALLEY FILED FOR RECORD THIS 29 DAY OF JANUARY 2003 A.M. AT 9:16 O'CLOCK A.M. COUNTY CLERK AND RECORDER BY <i>Reed Campbell, Deputy</i> FEE PAID \$175 by Idlewild LLC	
FINAL SUBDIVISION PLAT NUMBER: LP 251-6	

Remission No.	Date	By	Description
1	4-10-02	DRS	STREET NAMES
2	7-05-02	DRS	STREET NAMES
3	8-01-02	DRS	STREET NAMES

IDLEWILD PARK SUBDIVISION
SECTION 34, T27N, R41E
VALLEY COUNTY, MONTANA
Drawn By: T.S.J.
Project No. SOI-4146
Checked By: RHT/TJS Date: FEB. 2002

interstate engineering, inc.
Engineering - Surveying - Planning
P.O. Box 6416 Sikees, Montana 59270
406-432-9977



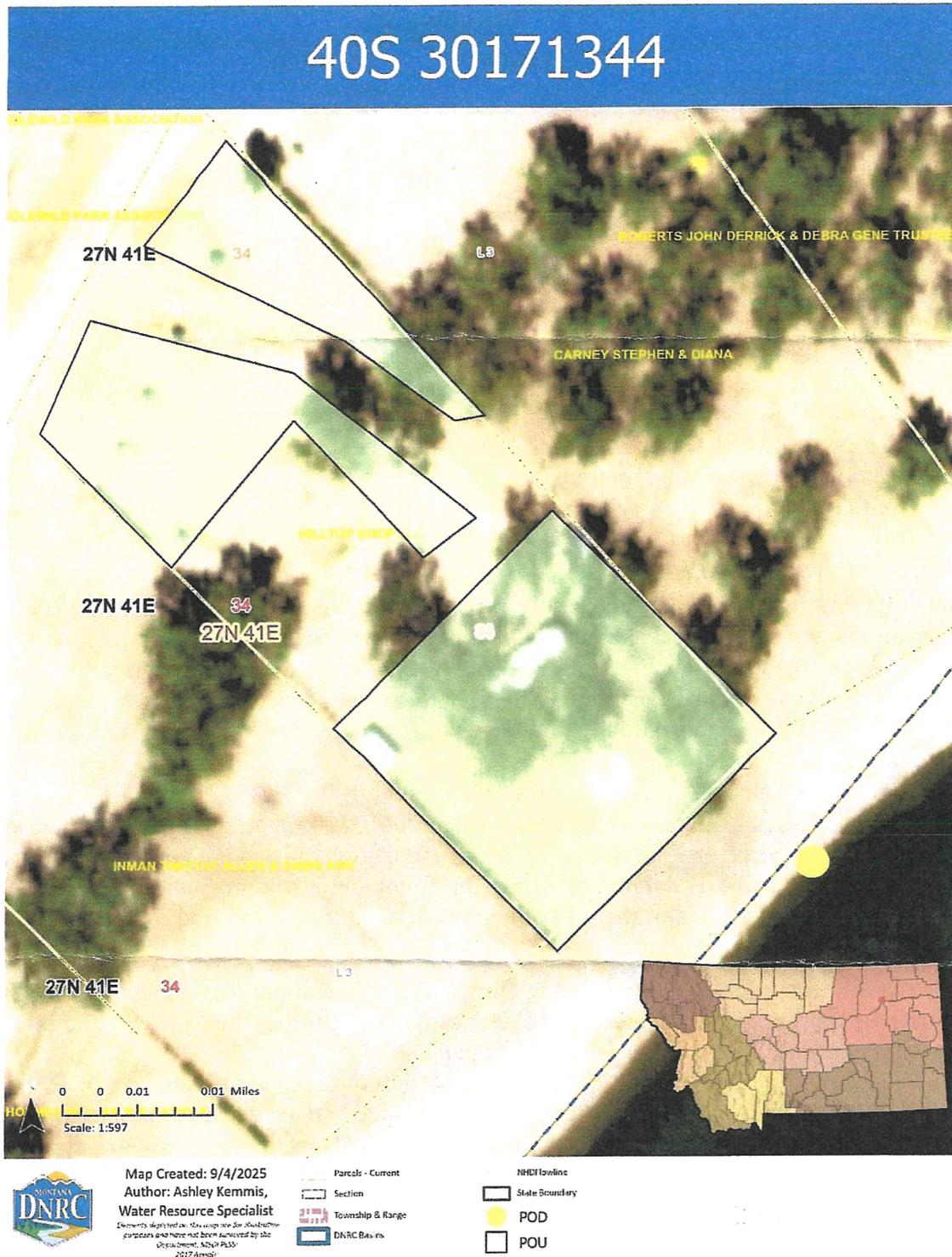


Figure 1: Map of the Applicant's proposed POD on the source and proposed place of use.

DNRC Irrigation Calculation Sheet – Lawn & Garden Irrigation

This calculation sheet documents the application of DNRC standards for lawn and garden irrigation to the proposed 0.75-acre irrigation system. Values are shown in both acre-feet and gallons for clarity.

Parameter	Standard / Proposed Value	Calculation	Result
Standard Consumptive Use	2.5 acre-feet/acre/year	0.75 acres × 2.5 AF	1.875 AF/year
Volume (in gallons)	1 AF = 325,851 gal	1.875 AF × 325,851	≈ 610,966 gal/year
Irrigated Area	0.75 acres	-	0.75 acres
Period of Use & Diversion	April 1 – October 31	DNRC Standard	214 days
Pump Capacity	18–20 gpm 20 gpm	20 gpm × 200 min/cycle × 3 cycles/week × 26 weeks	624,000 gal/year
Comparison	DNRC Standard vs. Proposed	620,000 vs. 610,966	Within Standard

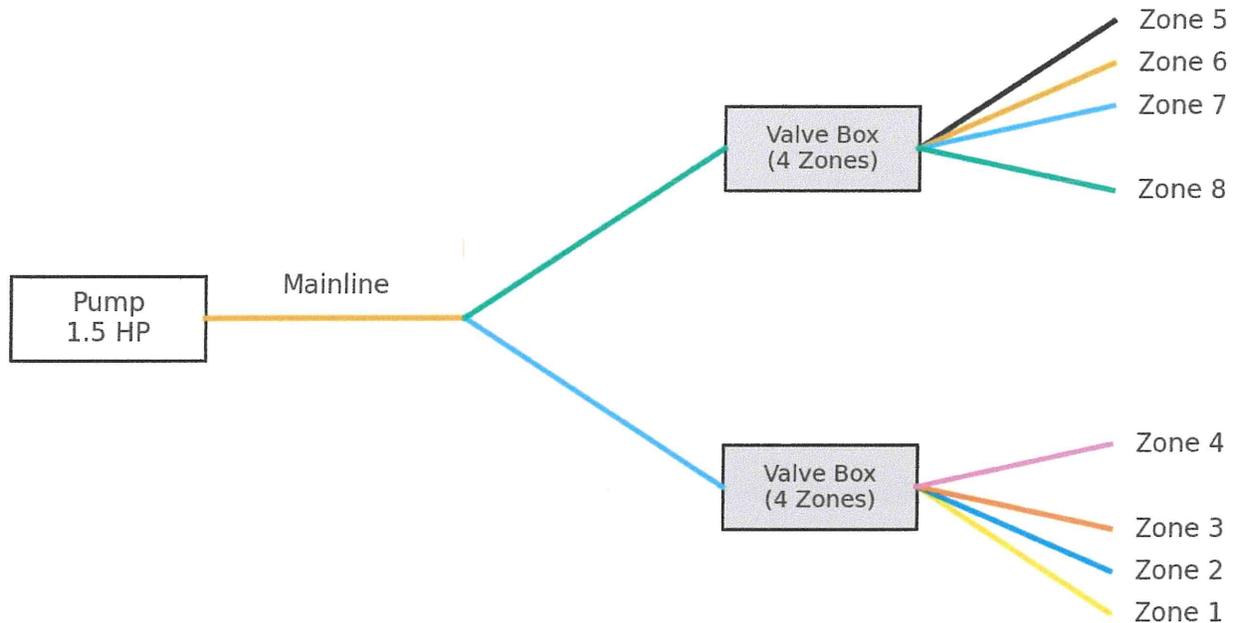
The proposed irrigation system (0.75 acres, 18–20 gpm pump, 3 cycles/week) fits within DNRC's lawn and garden irrigation standards for volume and period of use. Calculated annual use is approximately 1.9 acre-feet (≈ 620,000 gallons), consistent with the DNRC standard of 2.5 acre-feet per acre per year.

Montana DNRC Permit – Irrigation System Summary

Component	Specification
Pump	1.5 HP pump with 1.5" intake and discharge
Capacity	18–20 gpm maximum flow
Service Area	0.75 acres (lawn, trees, shrubs)
Zones	8 zones (2 valve boxes, 4 zones each)
Cycle Volume	4,000 gallons per day (at 20 gpm)
Schedule	3 times per week, electronic timer controlled
Conveyance	1" buried PVC lines, ~6" deep
Storage	None required – pump/lines sufficient

Schematic – Pump, Mainline, and Two Valve Boxes (4 Zones Each)

Schematic - Irrigation Layout with Two Valve Boxes (4 Zones Each)



Technical Analyses Report/ Scientific Credibility Review

- Departmental Technical Analyses Report/ Scientific Credibility Review
- Any correspondence relating to the Technical Analyses Report

Technical Analyses Report / Scientific Credibility Review

Preapplication Materials

- **Preapplication Meeting Request**
- **Preapplication Meeting Form**
- **All attachments**
- **All correspondence prior to application receipt**

Preapplication Materials

THE MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

GOVERNOR GREG GIANFORTE



DNRC DIRECTOR AMANDA KASTER

Glasgow Water Resources Regional Office
222 6th St South
PO Box 1269
Glasgow, MT 59230-1269
(Office) 406-228-2561
(Desk) 406-808-7075
ashley.kemmis@mt.gov

July 25, 2025

Hilltop Shop, LLC
c/o Troy and Janelle Jensen
PO Box 652
Sidney, MT 59270

Subject: Complete Preapplication Form for Beneficial Water Use Permit Application No. 40S 30171344

Dear Applicant,

The Glasgow Regional Office of the Department of Natural Resources and Conservation (DNRC or Department) received your Preapplication Meeting Form and preapplication meeting fee on July 21, 2025, and the Department deemed the submitted Preapplication Meeting Form to be successfully completed per ARM 36.12.1302 on July 25, 2025.

As designated on the submitted Preapplication Meeting Form per § 85-2-302(3)(b), MCA, the Department will produce the technical analyses based on the parameters included in the Preapplication Meeting Form (ARM 36.12.1302(4)) within 45 days of July 25, 2025.

Please let me know if you have any questions.

Best,

A handwritten signature in blue ink, appearing to read "Ashley Kemmis". The signature is fluid and cursive, with a long horizontal stroke at the end.

Ashley Kemmis
Water Resource Specialist
Water Rights Bureau
Water Resources Division



DNRC.MT.GOV



**PREAPPLICATION MEETING
FORM: PART A
PERMIT**
§ 85-2-302, MCA
Form No. 600P-A (Revised 03/2025)

For Department Use Only

Application # _____ Basin # _____

Meeting Date _____ Time _____

Variance Request Deadline _____

Completed Form Deadline _____

RECEIVED
07/15/2025
DNRC
GLASGOW WATER RESOURCES

PREAPPLICATION MEETING FEE

\$ 500

FILING FEE REDUCTION & EXPEDITED TIMELINE

An application will be eligible for a filing fee reduction and expedited timelines if the applicant completes a preapplication meeting with the Department (ARM 36.12.1302(1)), which includes submitting any follow-up information identified by the Department (ARM 36.12.1302(3)(c)) and receiving either Department-completed technical analyses or Department review of applicant-submitted technical analyses (ARM 36.12.1302(4) and (5)). An application for the proposed project also must be submitted within 180 days of delivery of Department technical analyses or scientific credibility review and no element on the submitted application can be changed from the completed preapplication meeting form (ARM 36.12.1302(6)).

The Department will fill out Permit Preapplication Meeting Form Part A (Form 600P-A) and will identify items for follow-up during the preapplication meeting. The Department and Applicant will sign the Preapplication Meeting Affidavit and Certification within 10 business days. Within 180 days of the preapplication meeting, the Applicant will complete Preapplication Meeting Form Part B (Form 600P-B), including identified follow-up, any amended responses, and Follow-up and Amended Responses Affidavit & Certification. Variance requests must be submitted on Form 653 to the Department on or before the Variance Request Deadline, which is day 138 of the 180 day-deadline for a completed preapplication meeting form. Form 653 may be submitted earlier than the Variance Request Deadline. The Department has 30 business days to process the Form 653.

Applicant Information: Add more as necessary.

Applicant Name _____
Mailing Address _____ City _____ State _____ Zip _____
Phone Numbers: Home _____ Work _____ Cell _____
Email Address _____

Applicant Name _____
Mailing Address _____ City _____ State _____ Zip _____
Phone Numbers: Home _____ Work _____ Cell _____
Email Address _____

Contact/Representative Information: Add more as necessary.

Contact/Representative is: Applicant Consultant Attorney Other (describe) _____
Contact/Representative Name _____
Mailing Address _____ City _____ State _____ Zip _____
Phone Numbers: Home _____ Work _____ Cell _____
Email Address _____

NOTE: If a contact person is identified as an attorney, all communication will be sent only to the attorney unless the attorney provides written instruction to the contrary (ARM 36.12.122(2)). If a contact person is identified as a consultant, employee, or lessee, the applicant will receive all correspondences, and a copy may be sent to the contact person (ARM 36.12.122(3)).

Meeting Attendees: Add more as necessary.

Name	Role	Name	Role



Table of Contents

APPLICATION DETAILS	3
SURFACE WATER.....	8
Surface Water Analysis	8
Surface Water Analysis: Perennial or Intermittent	8
Surface Water Analysis: Ephemeral.....	14
Surface Water Analysis: Lakes	15
Surface Water Analysis: Other	15
Area of Potential Impact Analysis	16
GROUNDWATER.....	17
Groundwater Analysis for Permits	17
Groundwater Analysis for Permits: Well/Pumping Pit	17
Groundwater Analysis for Permits: Developed Spring.....	19
Groundwater Analysis for Permits: Pond.....	20
Surface Water Depletion Analysis	20
Surface Water Analysis of Depleted Surface Water.....	22
Area of Potential Impact Analysis of Depleted Surface Water.....	28
Hydrogeologic Report.....	28
MANDATORY PROJECT-SPECIFIC QUESTIONS	30
Project-Specific Questions: Controlled Groundwater Areas and Basin Closures	30
NON-MANDATORY QUESTIONS FOR CRITERIA ANALYSIS	32
Adverse Effect.....	32
Adequate Diversion Means and Operation	33
Beneficial Use	35
Possessory Interest.....	36
Non-Mandatory Project Specific Questions	37
Place of Storage	37
Project-Specific Questions: Water Marketing	38
FOLLOW-UP	39
PREAPPLICATION MEETING AFFIDAVIT & CERTIFICATION	41



APPLICATION DETAILS

The following questions are mandatory and must be filled out before the Preapplication Meeting Form is determined to be complete. Narrative responses that are larger than the space provided can be answered in an attachment. If an attachment is used, mark the see attachment (“A”) checkbox on this form and label the attachment with the question number. Constrain narrative responses to the specific question as is asked on the form; do not respond to multiple questions in one narrative. Responses in the form of a table may be entered into the table provided on this form or in an attachment. If an attachment is used, the table must have the exact headings found on this form, and the see attachment (“A”) checkbox must be marked. Label units in narrative responses and tables. Questions that require Applicant to submit items to the Department have a submitted (“S”) checkbox, which is marked when the required item is attached to the Preapplication Meeting Form. Label all submitted items with the question number for which they were submitted. For all questions where follow-up is necessary, mark the “F” checkbox in the “Follow-Up” column and write the question number on the “Follow-Up Page”.

S = Submitted. Use when required item is included with form.

A = See attachment. Use when additional space is needed to answer a question.

F = Follow-up. Use when follow-up is necessary.

Questions, Narrative Responses, and Tables	Check-boxes	Follow-up
1. Do you elect to have DNRC conduct Technical Analyses?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
2. Provide a map created on an aerial photograph or topographic map that shows the following: section corners, township and range, scale bar, north arrow, all proposed points of diversion labeled with a unique POD ID number (include GWIC ID, if available, for wells), all proposed places of use, all proposed conveyance structures (including ditches and pipelines), all proposed places of storage, and places of use for all overlapping water rights. More than one map may be submitted, if necessary to clearly convey all required information.	<input type="checkbox"/> S	<input type="checkbox"/> F
3. Is the project located in a Controlled Groundwater Area or Basin Closure Area? If yes, immediately go to Mandatory Project-Specific questions 54 to 56 because Form 600 may be the incorrect form, or this project may not meet the requirements for the Department to accept a Form 600.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
4. Is the proposed use temporary?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, when will the appropriation cease? _____	<input type="checkbox"/> A	<input type="checkbox"/> F



5. Describe the proposed purpose information, including period of diversion (MM/DD-MM/DD), period of use (MM/DD-MM/DD), flow rate (GPM or CFS) and volume (AF). A F

Purpose	Period of Diversion	Period of Use	Flow Rate			Volume
	(MM/DD-MM/DD)	(MM/DD-MM/DD)	Flow Rate	GPM	CFS	(AF)
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
Total				<input type="checkbox"/>	<input type="checkbox"/>	

6. Does the proposed use include one or more of the following purposes: domestic, multiple domestic, stock, or irrigation? If yes, fill out the following table, where applicable. Y N F

Purpose	Requested Information	Response
Domestic or multiple domestic	Number of dwellings	
Stock	Number of animal units	
Irrigation	Method of irrigation type (sprinkler or flood) and subtype (if flood: level border, graded border, furrow, contour ditch, or other; if sprinkler: center pivot, wheel line, or other)	
Irrigation (flood only)	Design slope	

7. Describe the proposed location of the point(s) diversion to the nearest 10 acres, if source is groundwater (GW) or surface water (SW), source name, and means of diversion (e.g., pump, headgate, well). Label each POD with the POD # used for the project map (question 2). A F

POD #	1/4	1/4	1/4	Sec	Twp	Rge	County	Lot	Block	Tract	Subdivision	Gov Lot	SW or GW	Source Name	Means

8. What are the geocodes of the place of use?	<input type="checkbox"/> A	<input type="checkbox"/> F

9. Describe the legal land description for the proposed place of use and, if an irrigation or lawn and garden purpose, list the number of irrigated acres.	<input type="checkbox"/> A	<input type="checkbox"/> F
--	----------------------------	----------------------------

Acres	Gov't Lot	Block	¼	¼	¼	Sec	Twp	Rge	County
	Total								

10. Will other water rights supplement or overlap the place of use to contribute to the purpose(s)?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, summarize how the water rights will be operated as a whole to serve the purpose(s). <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/>	<input type="checkbox"/> A	<input type="checkbox"/> F

11. For each supplemental or overlapping water right, please list the water right number, purpose, typical period of diversion and use (MM/DD-MM/DD), flow rate (GPM or CFS), and the volume of water (AF) contributed. A F

Water Right No.	Avg. Period of Diversion	Avg. Period of Use	Flow Rate			Volume Contributed
	MM/DD-MM/DD	MM/DD-MM/DD	Flow Rate	GPM	CFS	AF
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

12. Will this application supplement contract water from a Federal Project, ditch company, or other source? Y N F

a. If yes, explain. A F

13. Does the project involve one or more places of storage? This does not include reservoirs, pits, pit-dams, or ponds with a capacity less than 0.1 AF; water tanks; or cisterns (ARM 36.12.113(6)). If yes, answer the following questions once for each place of storage. Use an "Additional Place of Storage (600P)" sheet if more than one. Additionally, you may choose to answer non-mandatory questions 76 to 80 for place of storage. Y N F

a. Is this application to enlarge an existing reservoir? If yes, list the water right numbers for the existing reservoir. Y N F

b. Is the place of storage located on-stream? Y N F

c. What is the capacity of the proposed place of storage or the existing place of storage after it is enlarged? Use bathymetry data, survey, or engineering plans for capacity. Submit the data source used with this form. In lieu of these data sources, use the following equation:

Surface Acres x Maximum Depth (FT) x 0.5 = Capacity (AF)

_____ A F

<p>d. What is the surface area of the place of storage?</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>14. Will your system be designed to discharge water from the project?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>a. If yes, explain the wastewater disposal method. A discharge permit may be required to comply with §§ 75-5-410 and 85-2-364, MCA.</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>15. Does the project involve an appropriation that is greater than 5.5 CFS and 4,000 AF? If yes, you must submit a Criteria Addendum Application for Beneficial Water Use Permit for Appropriations Greater than 5.5 CFS and 4,000 AF (Form 600-B) with application submittal. The criteria are found in §85-2-311(3), MCA.</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>16. Will you be transporting water for use outside of Montana? If yes, you must submit an Out-of-State Use Addendum (Form 600/606-OSA) with the application. The out-of-state use criteria are outlined in §85-2-402(6), MCA.</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>17. Does the project include the water marketing purpose? If yes, you may choose to answer non-mandatory questions 81 to 85 for water marketing. A Water Marketing Purpose Addendum (Form 600/606-WMA) will be required with application submittal.</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>18. Are you proposing a point of diversion and/or place of use on State of Montana Trust Land? If yes, documentation of consent from the DNRC Trust Lands Management Division will be required at application submittal.</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>19. Is the project located in designated sage grouse habitat? If yes, a review letter from the Montana Sage Grouse Habitat Conservation Program will be required at application submittal.</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F



SURFACE WATER

Applicable, move on to question 20. **Not Applicable**, skip to question 30.

The following questions are mandatory for surface water permit applications and must be filled out before the Preapplication Meeting Form is determined to be complete.

Surface Water Analysis

Questions, Narrative Responses, and Tables	Check-boxes	Follow-up
20. What is the flow rate (GPM or CFS), volume (AF), period of diversion start date and end date (MM/DD-MM/DD), and source type (e.g., perennial, ephemeral) at each point of diversion? Use the same POD # as the project map (question 2) to label each point of diversion.	<input type="checkbox"/> A	<input type="checkbox"/> F

POD #	Flow Rate			Volume	Period Start	Period End
	Flow Rate	GPM	CFS	AF	MM/DD	MM/DD
		<input type="checkbox"/>	<input type="checkbox"/>			
		<input type="checkbox"/>	<input type="checkbox"/>			
		<input type="checkbox"/>	<input type="checkbox"/>			
		<input type="checkbox"/>	<input type="checkbox"/>			
		<input type="checkbox"/>	<input type="checkbox"/>			

21. Is the source type of the diversion perennial or intermittent, ephemeral, lake, or other? _____	<input type="checkbox"/> A	<input type="checkbox"/> F
--	----------------------------	----------------------------

Perennial or intermittent	Answer questions 22 to 25	Ephemeral	Answer question 26	Lake	Answer question 27	Other	Answer questions 28 to 29
----------------------------------	---------------------------	------------------	--------------------	-------------	--------------------	--------------	---------------------------

Surface Water Analysis: Perennial or Intermittent

Applicable **Not Applicable**

22. Are stream gage data available?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, answer question 23.		
b. If no, answer question 24.		



23. Stream gage data are available.		
a. Is one stream gage located above the most upstream POD and one stream gage located below the most upstream POD?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If no, is only one stream gage located near the most upstream POD?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
1. If yes, is the stream gage located upstream or downstream? _____		<input type="checkbox"/> F
b. List the gage name(s). Write "N/A" for Gage 2 if one gage is available. Gage 1: _____ Gage 2: _____		<input type="checkbox"/> F
c. What is the distance between the gage(s) and the most upstream POD? Write "N/A" for Gage 2 if one gage is available. Gage 1: _____ Gage 2: _____		<input type="checkbox"/> F
d. Is there a limiting or controlling factor on the source between the stream gage(s) and the most upstream POD? This includes dams that control the flow and streams with large gaining and/or losing reaches. If you have questions about this, the Regional Office may provide assistance.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If yes, explain. _____ _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
e. How long is the period of record? Write "N/A" for Gage 2 if one gage is available. Gage 1: _____ Gage 2: _____		<input type="checkbox"/> F
f. Who operates and maintains the gage(s)? Write "N/A" for Gage 2 if one gage is available. Gage 1: _____ Gage 2: _____		<input type="checkbox"/> F



g. Is each available stream gage operated and maintained by USGS or DNRC?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If yes, skip to question 23.h.		
ii. If no, answer the following questions for each gage not operated and maintained by USGS or DNRC.		
1. How frequently are stage data recorded? Write "N/A" for Gage 2 if only one gage is not operated or maintained by USGS. Gage 1: _____ Gage 2: _____		<input type="checkbox"/> F
2. If data gaps were to occur, are they identified and left unfilled or estimated using interpolation, ice correction, or indirect discharge measurements methods?		
a. Gage 1. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
3. Was the rating curve established and maintained throughout the duration of the period of record using measurements taken near the reference gage and stage recorder according to USGS protocols?		
a. Gage 1. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
4. Were requirements established and followed for maintaining a permanent gage datum and meeting specified accuracy limits?		
a. Gage 1. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F



h. Do the data for one or more available stream gages meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the proposed months of diversion?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If yes, record how many meet the standard, then skip to question 54 because this section is complete. _____		<input type="checkbox"/> F
ii. If no, answer question 24.		
24. If no gage data are available or if available gage data do not meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the proposed months of diversion, is the source otherwise measured?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If no, measurements may be necessary. The Department cannot deem the preapplication meeting form adequately completed until the Department receives gage data and/or measurements that meet the requirements of ARM 36.12.1702 or, in combination with an approved variance request, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria. Skip to question 25.		
b. If yes,		
i. Submit available measurements to the Department.	<input type="checkbox"/> S	<input type="checkbox"/> F
ii. Who collected the measurements? _____	<input type="checkbox"/> A	<input type="checkbox"/> F
iii. With what method were the data collected? _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
iv. What is the period of record? _____		<input type="checkbox"/> F
v. What is the frequency of measurement? _____		<input type="checkbox"/> F
vi. Are there gaps in the data?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F



<p>1. If yes, what is the nature of the gaps and how are gaps handled to ensure data quality?</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>vii. Is there a process for maintaining the data and meeting specified accuracy limits?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>1. If yes, explain.</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>viii. Do available measurement data meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the proposed months of diversion?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>1. If yes, this section is complete. Skip to question 54.</p>		
<p>2. If no, answer question 25.</p>		
<p>25. Do the available measurement data, gage and/or otherwise measured, meet the Department's standard of including a minimum of high, moderate, and low flows to be sufficient to use for validation of a Department-accepted estimation technique?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>a. If yes,</p>		
<p>i. Describe how the measurements are representative of high, moderate, and low flows.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>ii. Describe the estimation technique.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>b. If no, but a Department-accepted estimation technique will be appropriate for the source:</p>		



<p>i. Will measurements be collected prior to submission of Form 600P-B that meet the Department's standard of including a minimum of high, moderate, and low flows to be sufficient to use for calibration of a Department-accepted estimation technique?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>1. If yes,</p>		
<p>a. With what method will the data be collected?</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>b. What will be the interval of measurement?</p> <p>_____</p>		<input type="checkbox"/> F
<p>c. Describe the proposed estimation technique.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>2. If no, do you plan on requesting a variance from measurement requirements pursuant to ARM 36.12.1702(1)(b)? If you plan to request a variance, you must submit Form 653 on or before the Variance Request Deadline. The Department cannot deem the preapplication meeting form adequately completed until the Department receives measurements that meet the requirements of ARM 36.12.1702(1)(b) or, in combination with an approved variance request, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria.</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>c. If no, because no Department-accepted estimation technique will be appropriate for the source:</p>		
<p>i. Describe why no Department-accepted estimation technique is appropriate for the source characteristics.</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>ii. Do the available measurement data, gage and/or otherwise measured, meet the Department's standard for monthly measurements throughout the proposed period of diversion pursuant to ARM 36.12.1702(4)?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F



1. If no, will measurements be collected prior to submission of a completed Form 600P that meet the Department's standard of monthly measurements throughout the proposed period of diversion?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, with what method will the data be collected? _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
b. If no, do you plan on requesting a variance from measurement requirements pursuant to ARM 36.12.1702(4)? If you plan to request a variance, you must submit Form 653 on or before the Variance Request Deadline. The Department cannot deem the preapplication meeting form adequately completed until the Department receives measurements that meet the requirements of ARM 36.12.1702(4) or, in combination with an approved variance request, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F

Surface Water Analysis: Ephemeral

Applicable **Not Applicable**

26. Did you elect for the Department to conduct the Technical Analyses?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, do you have climate or drainage area data you would like the Department to consider during Technical Analyses?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If yes, submit this information to the Department.	<input type="checkbox"/> S	<input type="checkbox"/> F
b. If no,		
i. Describe the estimation technique you propose to use to estimate physical availability at the point of diversion. _____ _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
ii. What is the net annual precipitation? Include the source of this information. _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F



iii. What is the drainage area upstream of the point of diversion and how was this figure calculated? _____ _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
--	----------------------------	----------------------------

Surface Water Analysis: Lakes

Applicable **Not Applicable**

27. Has the lake volume been quantified by a qualified entity based on bathymetric data?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, provide this information to DNRC.	<input type="checkbox"/> S	<input type="checkbox"/> F
b. If no, answer the following questions,		
i. When do you plan to collect this information? _____		<input type="checkbox"/> F
ii. What data collection method will you use? _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F

Surface Water Analysis: Other

Applicable **Not Applicable**

28. Explain why the source type is "other". _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
29. Have you measured the source?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, answer the following questions,		
i. With what method was the measurement data collected? _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F



ii. What is the measurement interval? _____		<input type="checkbox"/> F
1. Does the interval meet the Department's standard for monthly measurements throughout the proposed period of diversion pursuant to ARM 36.12.1702(4)?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If no, do you plan on requesting a variance from measurement requirements pursuant to ARM 36.12.1702(4)? If you plan to request a variance, you must submit Form 653 on or before the Variance Request Deadline.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
b. If no,		
i. When do you plan to measure? _____		<input type="checkbox"/> F
ii. What data collection method will be used? _____ _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
iii. Do you plan on requesting a variance from measurement requirements pursuant to ARM 36.12.1702(4)? If you plan to request a variance, you must submit Form 653 on or before the Variance Request Deadline. The Department cannot deem the preapplication meeting form adequately completed until the Department receives measurements that meet the requirements of ARM 36.12.1702(4) or, in combination with an approved variance request, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F

Area of Potential Impact Analysis

No additional information needed for Technical Analyses.



GROUNDWATER

Applicable, move on to question 30. **Not Applicable**, skip to question 54.

The following questions are mandatory for groundwater permit applications and must be filled out before the Preapplication Meeting Form is determined to be complete.

Groundwater Analysis for Permits

Questions, Narrative Responses, and Tables				Check-boxes	Follow-up
30. What is the type of groundwater diversion? _____				<input type="checkbox"/> A	<input type="checkbox"/> F
Well/Pumping Pit	Answer questions 31 to 35	Developed Spring	Answer question 36	Pond	Answer questions 37 to 39

Groundwater Analysis for Permits: Well/Pumping Pit

Applicable Not Applicable

31. Per ARM 36.12.121 a 24- or 72-hour aquifer test is required; do you propose not to conduct the test? An 8-hour test will be required, if no aquifer test is completed.		<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, explain. The Department will let you know if the request is reasonable and identify additional data needs. _____ _____ _____ _____ _____		<input type="checkbox"/> A	<input type="checkbox"/> F



32. Submit Aquifer Test Data Form (Form 633). If a variance is requested, Form 633 must be submitted on or before the Variance Request Deadline. If no variance is requested, Form 633 is due by the time the preapplication meeting form is complete but may be submitted earlier. However, if the Department determines a variance is needed and the Variance Request Deadline has passed, to submit the Form 653 you must reschedule the preapplication meeting or submit the application without expedited fees and timelines (ARM 36.12.1302(6)).	<input type="checkbox"/> S	<input type="checkbox"/> F
33. Submit the Aquifer Testing Addendum (Form 600/606-ATA) and associated materials (e.g., well logs). If you request a variance, Form 600/606-ATA must be submitted on or before the Variance Request Deadline. If no variance is requested, Form 600/606-ATA is due by the time the preapplication meeting form is complete but may be submitted earlier. However, if the Department determines a variance is needed and the Variance Request Deadline has passed, to submit the Form 653 you must reschedule the preapplication meeting or submit the application without expedited fees and timelines (ARM 36.12.1302(6)).	<input type="checkbox"/> S	<input type="checkbox"/> F
34. Are you requesting a variance from ARM 36.12.121? If you are unsure if a variance request will be needed, mark follow-up and answer this question once Form 600/606-ATA and Form 633 are complete. A variance must be requested by the Variance Request Deadline.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, submit Form 653, Form 600/606-ATA, and Form 633 together on or before the Variance Request Deadline.	<input type="checkbox"/> S	<input type="checkbox"/> F
b. If no, you may choose to submit Form 600/606-ATA and Form 633 before the Variance Request Deadline, and the Department will review these two forms. However, if the Department determines a variance is needed after the Variance Request Deadline, to submit the Form 653 you must reschedule the preapplication meeting or submit the application without expedited fees and timelines (ARM 36.12.1302(6)).		
35. Have all proposed wells/pumping pits been constructed?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If no, answer the following questions:		
i. Submit a list of the POD IDs for all wells/pumping pits and mark whether they have or have not been constructed.	<input type="checkbox"/> S	<input type="checkbox"/> F
ii. When will all proposed wells/pumping pits be constructed? _____		<input type="checkbox"/> F
iii. Is the requested volume for each proposed well/pumping pit known?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
1. If yes, list the flow rate and volume requested for each proposed well/pumping pit. Label with POD ID. _____ _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F



2. If no, what is the total requested volume (AF) and the number of proposed PODs? _____		<input type="checkbox"/> F
---	--	----------------------------

Groundwater Analysis for Permits: Developed Spring

Applicable Not Applicable

36. Have you measured the source?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, submit the measurements and answer the following questions,	<input type="checkbox"/> S	<input type="checkbox"/> F
i. Do you have flow rate (GPM or CFS) and volume measurements?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
ii. With what method were measurements collected? _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
iii. What is the interval of measurements? _____		<input type="checkbox"/> F
iv. Is the interval of measurements sufficient to comply with ARM 36.12.1703(1)?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
b. If no, or if measurements do not comply with ARM 36.12.1703(1), answer the following questions. The Department cannot deem the preapplication meeting form adequately completed until the Department receives measurements that meet the requirements of ARM 36.12.1703(1). Variances from ARM 36.12.1703(1) are not allowed.		
i. When do you plan to measure? _____		<input type="checkbox"/> F
ii. With what method and at what interval will measurements be collected? _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F



Groundwater Analysis for Permits: Pond

Applicable Not Applicable

37. Submit Form 653 to apply for a variance from ARM 36.12.121 for the Aquifer Test on or before the Variance Request Deadline.	<input type="checkbox"/> S	<input type="checkbox"/> F
38. Submit pond bathymetry data, survey, or engineering plans to the Department.	<input type="checkbox"/> S	<input type="checkbox"/> F
39. Is the pond fed or drained by surface water?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes,		
i. Explain. _____ _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
ii. Submit measurements of the connected surface water source. These may include inflow and outflow measurements.	<input type="checkbox"/> S	<input type="checkbox"/> F

Surface Water Depletion Analysis

40. Is the type of groundwater diversion for your proposed project a developed spring? If yes, skip to question 45 because this section is complete. If no, move onto question 41.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
41. Is the type of groundwater diversion for your proposed project a pond? If yes, answer question 41.a, then skip to question 45 because this section is complete. If no, move onto question 42.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. Will any of the ponds have diversions for out-of-pond use that differ from, if year-round use, an allocation of diverted volume by the number of days in the month, or, if irrigation/lawn and garden use, the 80% dry year net irrigation requirement (IWR, NRCS 2003)?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If yes, provide a schedule of the diversions for out-of-pond use in the table below. Use the same POD # as the project map (question 2). Attach any additional schedules with POD # labeled.	<input type="checkbox"/> A	<input type="checkbox"/> F

POD #			
Month	Diversions for Out-of-Pond Use Volume (AF)	Month	Diversions for Out-of-Pond Use Volume (AF)
January		July	
February		August	
March		September	
April		October	
May		November	
June		December	



42. What is the flow rate (GPM or CFS), volume (AF), and period of diversion required (MM/DD-MM/DD) at each well/pumping pit? What is the well/pumping pit depth (FT), if available, or estimated well/pumping pit depth (FT). Please use the same POD # as the project map (question 2) to match this information with the location information.

<input type="checkbox"/> A	<input type="checkbox"/> F
----------------------------	----------------------------

POD #	Flow Rate			Volume	Period of Diversion	Depth	Measured or Estimated
	Flow Rate	GPM	CFS	AF	MM/DD-MM/DD	FT	
		<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>				

43. Will any of the *new* wells/pumping pits have a monthly pumping schedule that differs from, if year-round use, an allocation of diverted volume by the number of days in the month, or, if irrigation/lawn and garden use, the 80% dry year net irrigation requirement (IWR, NRCS 2003)?

<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
---	----------------------------

a. If yes, provide the alternative pumping schedule(s) in the table below. Use the same POD # as the project map (question 2). Attach any additional pumping schedules with POD # labeled.

<input type="checkbox"/> A	<input type="checkbox"/> F
----------------------------	----------------------------

POD #				POD #			
Month	Volume (AF)	Month	Volume (AF)	Month	Volume (AF)	Month	Volume (AF)
January		July		January		July	
February		August		February		August	
March		September		March		September	
April		October		April		October	
May		November		May		November	
June		December		June		December	

44. Will one or more <i>existing</i> wells/pumping pits be used for the proposed project?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, will any of the <i>existing</i> wells/pumping pits have a monthly pumping schedule, before or after the proposed project, that differs from an allocation of diverted volume by the number of days in the month (if year-round use) or the 80% dry year net irrigation requirement (if irrigation/lawn and garden use) (IWR, NRCS 2003)?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If yes, provide the pumping schedules before and after the proposed project in the table below. Use the same POD # as the project map (question 2). Attach any additional pumping schedules with POD # and before/after proposed project labeled.	<input type="checkbox"/> A	<input type="checkbox"/> F

Before proposed project: POD #				After proposed project: POD #			
Month	Volume (AF)	Month	Volume (AF)	Month	Volume (AF)	Month	Volume (AF)
January		July		January		July	
February		August		February		August	
March		September		March		September	
April		October		April		October	
May		November		May		November	
June		December		June		December	

Surface Water Analysis of Depleted Surface Water

45. Based on the preliminary net depletion data provided by the Department at this preapplication meeting, what are the hydraulically connected surface water source(s)? <i>*Net depletion data provided by the Department at the preapplication meeting is preliminary and is subject to change during Technical Analyses. If the source or location of net depletion data changes during Technical Analyses, then surface water analysis of depleted surface water source(s) will reflect the Technical Analyses; this will not constitute a change of any element to the proposed application pursuant to ARM 36.12.1302(6)(a).</i> If the type of groundwater diversion for your proposed project is a developed spring, write "NA" and skip to question 51 because this section is complete.	<input type="checkbox"/> A	<input type="checkbox"/> F
46. Answer the questions in this section one time for each hydraulically connected source. Use the "Additional Hydraulically Connected Source (600P)" sheet, as necessary. For which hydraulically connected source are you answering questions 47 to 50? _____		<input type="checkbox"/> F
47. Are stream gage data available?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, answer question 48.		
b. If no, answer question 49.		



48. Stream gage data are available		
a. Is one stream gage located above and one stream gage located below the start of the depleted reach?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If no, is only one stream gage located near the start of the depleted reach?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
1. If yes, is the stream gage upstream or downstream? _____		<input type="checkbox"/> F
b. List the gage name(s). Write "N/A" for Gage 2 if one gage available. Gage 1: _____ Gage 2: _____		<input type="checkbox"/> F
c. What is the distance between the gage(s) and the start of the depleted reach? Write "N/A" for Gage 2 if one gage available. Gage 1: _____ Gage 2: _____		<input type="checkbox"/> F
d. Is there a limiting or controlling factor on the source between the stream gage(s) and the start of the depleted reach? This includes dams that control the flow and streams with large gaining and/or losing reaches. If you have questions about this, the Regional Office may provide assistance.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If yes, explain. _____ _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
e. How long is the period of record? Write "N/A" for Gage 2 if one gage is available. Gage 1: _____ Gage 2: _____		<input type="checkbox"/> F
f. Who operates and maintains the gage(s)? Write "N/A" for Gage 2 if one gage is available. Gage 1: _____ Gage 2: _____		<input type="checkbox"/> F
g. Is each available stream gage operated and maintained by USGS or DNRC?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If yes, skip to question 48.h.		
ii. If no, answer the following questions for each gage not operated and maintained by USGS or DNRC.		



1. How frequently is stage data recorded? Write "N/A" for Gage 2 if only one gage is not operated or maintained by USGS. Gage 1: _____ Gage 2: _____		<input type="checkbox"/> F
2. If data gaps were to occur, are they identified and left unfilled or estimated using interpolation, ice correction, or indirect discharge measurements methods?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. Gage 1. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
3. Was the rating curve established and maintained throughout the duration of the period of record using measurements taken near the reference gage and stage recorder according to USGS protocols?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. Gage 1. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
4. Were there requirements for maintaining a permanent gage datum and meeting specified accuracy limits?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. Gage 1. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
h. Do the data for one or more available stream gages meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the months with net depletions?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If yes, record how many meet the standard, then skip to question 54 because this section is complete. _____		
ii. If no, answer question 49.		
49. If no gage data are available or if available gage data do not meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the months with net depletions, is the source otherwise measured?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F



a. If no, measurements may be necessary. The Department cannot deem the preapplication meeting form adequately completed until the Department receives gage data and/or measurements that meet the Department's measurement standards or, in combination with an approved request to deviate from the Department's standards, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria. Skip to question 50.		
b. If yes,		
i. Submit measurements to the Department.	<input type="checkbox"/> S	<input type="checkbox"/> F
ii. Who collected the measurements? _____	<input type="checkbox"/> A	<input type="checkbox"/> F
iii. With what method was the data collected? _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
iv. What is the period of record? _____		<input type="checkbox"/> F
v. What is the frequency of measurement? _____		<input type="checkbox"/> F
vi. Are there gaps in the data?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
1. If yes, what is the nature of the gaps and how are gaps handled to ensure data quality? _____ _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
vii. Is there a process for maintaining the data and meeting specified accuracy limits?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
1. If yes, explain. _____ _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
viii. Do available measurement data meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the months with net depletions?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
1. If yes, this section is complete. Skip to question 54.		
2. If no, answer question 50.		



50. Do the available measurement data, gage and/or otherwise measured, meet the Department's standard of including a minimum of high, moderate, and low flows to be sufficient to use for calibration of a Department-accepted estimation technique?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes,		
i. Describe how the measurements are representative of high, moderate, and low flows. _____ _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
ii. Describe the estimation technique. _____ _____ _____ _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
b. If no, but a Department-accepted estimation technique will be appropriate for the hydraulically connected surface water source:		
i. Will measurements be collected prior to submission of a completed Form 600P-B that meet the Department's standard of including a minimum of high, moderate, and low flows to be sufficient to use for calibration of a Department-accepted estimation technique?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
1. If yes,		
a. With what method will the data be collected? _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
b. What will be the interval of measurement? _____		<input type="checkbox"/> F

<p>c. Describe the proposed estimation technique.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>2. If no, do you plan on requesting to deviate from the Department's standard of including a minimum of high, moderate, and low flows to be sufficient to use for calibration of a Department-accepted estimation technique? The Department's technical analyses or scientific credibility review of your technical analyses cannot commence until the Department receives measurements that meet Department measurement standards, or in combination with a request to deviate, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria.</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>c. If no, because no Department-accepted estimation technique will be appropriate for the hydraulically connected surface water source:</p>		
<p>i. Describe why no Department-accepted estimation technique is appropriate for the source characteristics.</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>ii. Do the available measurement data, gage and/or otherwise measured, meet the Department's standard for monthly measurements throughout the months with net depletions?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>1. If no, will measurements be collected prior to submission of a completed Form 600P that meet the Department's standard of monthly measurements throughout the months with net depletions?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>a. If yes, with what method will the data be collected?</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F

<p>b. If no, do you plan on requesting to deviate from the Department’s standard for monthly measurements throughout the months with net depletions? The Department’s technical analyses or scientific credibility review of your technical analyses cannot commence until the Department receives measurements that meet Department measurement standards, or in combination with a request to deviate, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria.</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
---	---	----------------------------

Area of Potential Impact Analysis of Depleted Surface Water

All information for area of potential impact of depleted surface water was collected in previous questions.

Hydrogeologic Report

<p>51. Does your project include one or more wells, pumping pits, or ponds that are in a basin closure area? If yes, fill out questions 52 to 53. Your project must have a Hydrogeologic Report that conforms with § 85-2-361 to comply with the requirements of § 85-2-360, MCA. A Hydrogeologic Report Addendum (Form 600-HRA) or Department Technical Analyses may be used to meet these requirements.</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>52. Did you elect in question 1 for the Department to conduct the Technical Analyses?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>a. If yes, the Basin Closure Area Addendum (Form 600-BCA), Form 600-HRA, and Hydrogeologic Report are not required at this time. The Department’s Technical Analyses will meet requirements of §85-2-360, MCA for a Hydrogeologic Report and Form 600-HRA. Form 600-BCA will be required with application submittal.</p>		
<p>b. If no, submit the Basin Closure Area Addendum (Form 600-BCA) and Hydrogeologic Report Addendum (600-HRA) with your Technical Analyses.</p>	<input type="checkbox"/> S	<input type="checkbox"/> F
<p>53. If the Hydrogeologic Report indicates that the proposed groundwater use will impact a surface water source, identify and explain which of the following three options best describes your plan to mitigate depletions of hydraulically connected surface water and respond to the relevant questions below.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Application to Change a Water Right to mitigate the adverse effects created <input type="checkbox"/> Alternative mitigation plan <input type="checkbox"/> Documentation to show a mitigation plan is not required 		
<p>a. Application to Change a Water Right to mitigate the adverse effects created: Submit a summary of your initial proposal. <i>A separate Preapplication Meeting will be required for each Application to Change a Water right to a mitigation or aquifer recharge purpose to qualify for expedited timelines and reduced filing fees for the project per ARM 36.12.1302(7)(a).</i></p>	<input type="checkbox"/> S	<input type="checkbox"/> F
<p>b. Alternative mitigation plan: Submit a summary of your initial proposal.</p>	<input type="checkbox"/> S	<input type="checkbox"/> F



i. Do you propose to use water with a marketing for mitigation/aquifer recharge purpose?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
1. If yes,		
a. List the change authorization number(s) for all water rights proposed for use. _____	<input type="checkbox"/> A	<input type="checkbox"/> F
b. What is the area defined for marketing for all water rights proposed for use? _____	<input type="checkbox"/> A	<input type="checkbox"/> F
c. If Marketing for aquifer recharge, submit the analysis of the monthly accretions to hydraulically connected surface water(s); otherwise write "NA". _____	<input type="checkbox"/> S	<input type="checkbox"/> F
c. Documentation to show a mitigation plan is not required: Submit all documentation.	<input type="checkbox"/> S	<input type="checkbox"/> F



MANDATORY PROJECT-SPECIFIC QUESTIONS

The following questions are mandatory when applicable and must be filled out before the Preapplication Meeting Form is determined to be complete.

Project-Specific Questions: Controlled Groundwater Areas and Basin Closures

Questions, Narrative Responses, and Tables	Check-boxes	Follow-up
54. Does the project include one or more groundwater points of diversion located in the East Valley Controlled Groundwater Area (EVCGWA)?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, is the use over 35 GPM or 10 AF/YR?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If no, this is the incorrect form. Use instead Form 600-EVCGWA: East Valley Controlled Groundwater Area Permit Application.		
ii. If yes, how does this project meet the specific requirements of the East Valley Controlled Groundwater Area? Include any relevant documentation. _____	<input type="checkbox"/> A	<input type="checkbox"/> F
b. If no, skip to question 55.		
55. Does the project include one or more groundwater points of diversion located in the Yellowstone Controlled Groundwater Area?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, is the proposed flow rate and volume over 35 GPM or 10 AF/YR?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If no, this is the incorrect form. Use instead Form 600-YCGA: Yellowstone Controlled Groundwater Area Permit Application.		
ii. If yes, answer the remaining parts of question 55 and submit <i>Form 600 YCGA: A Yellowstone Controlled Groundwater Area Addendum Over 35 gallons per minute</i> with the application.		
1. Does the proposed use require a point of diversion with water temperature of 60 degrees Fahrenheit or more?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
2. If an application is in a basin tributary to a category 3 or 4 stream (generally in or upstream of Yellowstone National Park), submit with the application a report prepared by a qualified professional verifying that the appropriation is not hydrologically connected to surface flow that is tributary to the reserved portion of category 3 or 4 streams.		
b. If no, skip to question 56.		



<p>56. Is the project for surface water or groundwater and subject to one or more of the Controlled Groundwater Areas; administrative, Department ordered, or legislative basin closures; or compact closures listed on the Department's website (https://dnrc.mt.gov/Water-Resources/Water-Rights/Basin-Closures-Stream-Depletion-Controlled-Ground-Water-Areas) not covered in questions 54 to 55?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>a. If yes, identify each area and describe how the proposed project meets its requirements. An application must meet the specific requirements of the Controlled Groundwater Area or closure to be accepted by the Department.</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F



NON-MANDATORY QUESTIONS FOR CRITERIA ANALYSIS

The following questions are not mandatory. They should be discussed in the Preapplication Meeting, but do not need to be filled out before the Preapplication Meeting Form is determined to be complete.

Adverse Effect

Questions, Narrative Responses, and Tables	Check-boxes
57. Describe your plan to ensure that existing water rights will be satisfied during times of water shortage. _____ _____ _____ _____ _____ _____ _____ _____ _____	<input type="checkbox"/> A
58. Explain how you can control your diversion in response to call being made. _____ _____ _____	<input type="checkbox"/> A
59. Are you aware of any calls that have been made on the source of supply or depleted surface water source?	<input type="checkbox"/> Y <input type="checkbox"/> N
a. If yes, explain. _____ _____ _____	<input type="checkbox"/> A
60. Does a water commissioner distribute water or oversee water distribution on your proposed source or depleted surface water source?	<input type="checkbox"/> Y <input type="checkbox"/> N



61. Will the point of diversion or conveyance infrastructure be shared with one or more existing water rights?	<input type="checkbox"/> Y <input type="checkbox"/> N
<p>a. If yes, explain how capacity of the shared point of diversion and/or conveyance infrastructure is sufficient for all water rights.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A

Adequate Diversion Means and Operation

62. Submit a diagram of how you will operate your system from the point of diversion to the place of use.	<input type="checkbox"/> S
<p>63. Describe specific information about the capacity of the diversionary structure(s). This may include, where applicable: pump curves and total dynamic head calculations, headgate design specifications, and dike or dam height and length.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A



<p>64. Describe the size, materials, capacity, and configuration of infrastructure to convey water from point of diversion to place of use. This may include but is not limited to, pipelines and ditches. Include a description of any losses related to the proposed conveyance. Ditch conveyance losses may be estimated numerous ways, which include a ditch loss rate or Department standard methods. You may work with the Department to estimate ditch conveyance losses but will need to provide sufficient baseline information; which includes ditch slope, dimensions, length, lining material, soil type, and location.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<input type="checkbox"/> A
<p>65. Describe how the proposed diversion and conveyance infrastructure can provide the required flow and volume, for the purposes plus any conveyance losses and storage, throughout the proposed period of diversion.</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<input type="checkbox"/> A
<p>66. Provide a plan of operations, which includes specific information about how water is delivered within the place of use. This may include, where applicable, the range of flow rates needed for a pivot.</p> <hr/> <hr/> <hr/> <hr/> <hr/>	<input type="checkbox"/> A

67. Does the proposed conveyance require easements?	<input type="checkbox"/> Y <input type="checkbox"/> N
a. If yes, explain. _____ _____ _____	<input type="checkbox"/> A
68. Do you own the land where all proposed points of diversion are located?	<input type="checkbox"/> Y <input type="checkbox"/> N
a. If no, documentation to show you have the right to use all points of diversion located on each property you do not own will be required upon application submittal. This may include, but is not limited to, a well agreement, an easement, or permission of the party that owns the property where the proposed point(s) of diversion are located.	
69. Describe any places of storage, including whether drainage devices will be installed, and provide preliminary designs, if available. Preliminary designs will be required at application submittal. _____ _____ _____ _____	<input type="checkbox"/> A
70. Do you have any plans to measure your diversion and use?	<input type="checkbox"/> Y <input type="checkbox"/> N
a. If yes, describe the plan and the type of measurements you will take. _____ _____ _____	<input type="checkbox"/> A

Beneficial Use

71. Does the Department have a standard for any of the purposes for which water is used? Department standards can be found in ARM 36.12.112 and ARM 36.12.115.	<input type="checkbox"/> Y <input type="checkbox"/> N
a. If yes, list the purposes for which the Department has a standard and note whether the proposed use falls within or outside the standard. _____ _____	



<p>72. If no Departmental standard exists for any proposed purpose, or if any proposed purpose falls outside of Department standards, explain how the use is reasonable for that purpose.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A
<p>73. Will your proposed project be subject to DEQ requirements for a public water supply (PWS) system or Certificate of Subdivision Approval (COSA)?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N
<p>a. If yes,</p> <p>i. Have you researched or consulted with DEQ regarding those requirements?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N
<p>74. Are you proposing to use surface water for in-house domestic use?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N
<p>a. If yes, does a COSA exist for the proposed place of use?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N
<p>i. If yes, please submit the COSA.</p>	<input type="checkbox"/> S
<p>ii. If no, have you researched or consulted with DEQ regarding their requirements?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N

Possessory Interest

<p>75. Do you meet one of the exceptions to possessory interest requirements, pursuant to ARM 36.12.1802? Exceptions include cases where the application is for sale, rental, distribution, or is a municipal use, or in any other context in which water is being supplied to another and it is clear that the ultimate user will not accept the supply without consenting to the use of water on the user's place of use.</p>	<input type="checkbox"/> Y <input type="checkbox"/> N
<p>a. If yes, explain.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A



b. If no,	
i. Do you own all proposed places of use?	<input type="checkbox"/> Y <input type="checkbox"/> N
1. If no,	
a. Explain. Documentation that shows you either have possessory interest or written permission of the parties with possessory interest of the place of use will be required at application submittal. _____ _____ _____	<input type="checkbox"/> A
b. Would you like the water right to be appurtenant to the land? Please note that if your water right is not appurtenant to land it will not transfer by default with the conveyance of the property, pursuant to § 85-2-403.	<input type="checkbox"/> Y <input type="checkbox"/> N
i. If no, explain. _____ _____	<input type="checkbox"/> A

Non-Mandatory Project Specific Questions

Place of Storage

76. Does the proposal include at least one place of storage? If yes, answer questions 77 to 80 for each individual place of storage (use "Additional Place of Storage (600P)" sheet for additional places of storage). A Permit Storage Addendum (Form 600-SA) will be required at application submittal. If no, this section is complete, and you can skip to question 81.	<input type="checkbox"/> Y <input type="checkbox"/> N
77. Are preliminary designs available? Preliminary designs will be required at application submittal.	<input type="checkbox"/> S
a. If yes, submit preliminary designs.	<input type="checkbox"/> Y <input type="checkbox"/> N
78. Will the place of storage be lined?	<input type="checkbox"/> Y <input type="checkbox"/> N
79. What is the annual net evaporation of water from the place of storage, based on the Department's gridded net evaporation layer? If you propose a different method, attach an explanation and justification of the method. _____	A



80. Is the place of storage capacity calculated to be greater than 50 AF?	<input type="checkbox"/> Y <input type="checkbox"/> N
a. If yes, have you made an application to the DNRC Water Operations Bureau for a determination of whether the dam or reservoir is a high-hazard dam? This will be required by application submittal.	<input type="checkbox"/> Y <input type="checkbox"/> N

Project-Specific Questions: Water Marketing

81. Does the proposal include water marketing? If yes, please answer the questions in this section (questions 82 to 85). A Water Marketing Addendum Purpose Addendum (600/606-WMA) will be required at application submittal. If no, this section is complete.	<input type="checkbox"/> Y <input type="checkbox"/> N
82. For what purpose(s) will the marketed water be used? _____ _____ _____	<input type="checkbox"/> A
83. How will you control or limit access to the water? _____ _____ _____	<input type="checkbox"/> A
84. Do you have contracts for the entire volume and flow rate sought?	<input type="checkbox"/> Y <input type="checkbox"/> N
85. Provide a service area map. Create map on an aerial photograph or topographic map and show the following: general service area boundary, section corners, township and range, scale bar, and north arrow.	<input type="checkbox"/> S



PREAPPLICATION MEETING AFFIDAVIT & CERTIFICATION

"We attest that the information on this form accurately describes the proposed project discussed during the preapplication meeting, and that the items marked for follow-up will require the Applicant to provide additional information before the form is deemed complete."

"Applicant acknowledges that any information provided by the Department during the preapplication meeting is preliminary and subject to change."

"Applicant acknowledges that if the follow-up information provided to the Department substantially changes the proposed project, for example in a way that alters which sections of the form are applicable or which technical analyses are required, or who is to complete the technical analyses, the applicant will need to schedule a new preapplication meeting so that the Department can identify any additional information necessary for completion of the technical analyses (ARM 36.12.1302(3)(c))."

Upon Department receipt of the completed form (within 180 days following the meeting), the Department reserves five business days to return the form to the applicant if:

- 1 – the completed form does not include all necessary follow-up information identified in the meeting, OR
- 2 – the completed form is not adequate for the Department to proceed with technical analyses, OR
- 3 – the applicant has elected to complete technical analyses and has not submitted each piece of technical analysis required, OR
- 4 – the applicant has substantially changed the details of the proposed project, such as in a way that alters which sections of the form are applicable, which technical analyses are required, or who is to complete the technical analyses.

If the Department returns the form to the Applicant within these five days due to reasons 1-3 above, the Applicant can use the balance of their 180-day period in ARM 36.12.1302(4) or (5) to gather the remaining follow-up information needed. If there is no time remaining in the 180-day period, the Applicant can submit a written request for a new preapplication meeting, pursuant to ARM 36.12.1302(2). Even if there is still time remaining, the Applicant can choose to schedule a new preapplication meeting. The Department shall transfer the \$500 payment received to the new preapplication meeting or refund the payment to the Applicant if the Applicant desires. If the Department returns the form to the Applicant within these five days due to reason (4) above, the Applicant must submit a written request for a new preapplication meeting, pursuant to ARM 36.12.1302(2). The Department shall transfer the \$500 payment received to the new preapplication meeting or refund the payment to the Applicant if the Applicant desires.

Applicant Signature

Date

7-15-2025

Applicant Signature

Date

7/15/25

Department Signature

Date





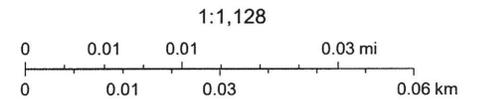
Hilltop Shop LLC Lawn and Garden



7/14/2025, 1:57:14 PM

- Override 1
- Active Water Rights (Points of Diversion)
- SURFACE
- DNRC Basins
- NHD Flowlines
- Sage Grouse - Executive Order Layers (Core, Connectivity and General Habitat)
- Not In EO Area

- 2025 Cadastral Parcels
- PLSS Second Division
- Government Lot
- PLSS First Division
- Section
- PLSS Township
- PLSS Meandered Water
- PLSS Point
- 2023 Aerial Photos
- Red: Red
- Green: Green
- Blue: Blue



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community. Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodastyrelsen, Rijkswaterstaat, GSA, Geoland,



**PREAPPLICATION MEETING
FORM: PART B
PERMIT**
§ 85-2-302, MCA
Form No. 600P-B (Revised 02/2025)

For Department Use Only

Application # 3071344 Basin 405
 Form Received _____
 Fee Rec'd \$ 500.00 Check # 2836
 Deposit Receipt # 6V5260117
 Payor _____
 Form Returned _____
 Refund \$ _____ Date _____

PREAPPLICATION MEETING FEE

\$ 500

FILING FEE REDUCTION & EXPEDITED TIMELINE

An application will be eligible for a filing fee reduction and expedited timelines if the Applicant completes a preapplication meeting with the Department (ARM 36.12.1302(1)), which includes submitting any follow-up information identified by the Department (ARM 36.12.1302(3)(c)) and receiving either Department-completed technical analyses or Department review of Applicant-submitted technical analyses (ARM 36.12.1302(4) and (5)). An application for the proposed project also must be submitted within 180 days of delivery of Department technical analyses or scientific credibility review and no element on the submitted application can be changed from the completed preapplication meeting form (ARM 36.12.1302(6)).

Received

JUL 21 2025

DNRC Water Resources
Glasgow Regional Office

The Applicant is responsible for providing a "Follow-up Responses" document for all follow-up identified in Preapplication Meeting Form Part A (Form 600P-A). The Applicant may not alter Form 600P-A. If a response has changed to a question answered at the preapplication meeting, the Applicant can provide a new response in a separate document entitled "Amended Responses" with the question number labeled.

The following guidelines are applicable to both the "Follow-up Responses" and "Amended Responses" documents. Clearly label all question numbers. Answer questions in the same format as Form 600P-A. For responses in the form of checkboxes, write "Y", "N", or "S". Constrain narrative responses to the specific question as is asked on the form; do not respond to multiple questions in one narrative. Label units in narrative responses and tables. Tables must have the exact headings found on the form. Questions that require items to be submitted to the Department may be marked "S" when the required item is included with the document.

1. Y N Are you submitting this form in response to a determination by the Department that a previously submitted Form 600P-B was inadequately completed?

If yes,

- a. Date form was returned ("Form Returned" date found in "For Department Use Only" box on the previously submitted Form 600P-B): _____
- b. If a "Follow-up Responses" or "Amended Responses" document is required by questions 2 or 3, submit complete updated documents with responses that stand-alone. The Department will only use the most recently submitted "Follow-up Responses" and "Amended Responses" documents for departmental technical analyses or scientific credibility review; the Department will not use multiple versions of a document.

2. Y N Were any questions identified as requiring follow-up on Form 600P-A?

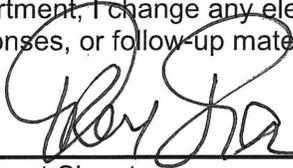
If yes,

- a. S Submit "Follow-up Responses" document for all questions requiring follow-up.



FOLLOW-UP AND AMENDED RESPONSES AFFIDAVIT & CERTIFICATION

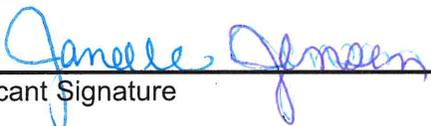
"I attest that this preapplication meeting form (Form 600P-A and Form 600P-B), follow-up, and amended responses accurately portray the proposed project. I am aware that my application for this project will not qualify for a discounted filing fee and expedited timelines if, upon submittal of the application to the department, I change any element of the proposed application from the preapplication meeting form, amended responses, or follow-up materials (ARM 36.12.1302(6)(a))."



7-15-2025

Applicant Signature

Date



7-15-2025

Applicant Signature

Date

"We confirm that the preapplication form (Form 600P-A and Form 600P-B), amended responses, and follow-up information are adequate for the Department to proceed with technical analyses in ARM 36.12.1303. Or, if the Applicant has elected to complete technical analyses, we confirm they have submitted each required element of technical analysis based on the proposed project and the Department is able to proceed with the scientific credibility review (ARM 36.12.1303(8))."



7/25/25

Department Signature

Date

Department Signature

Date





**REQUEST FOR
PREAPPLICATION MEETING**
ARM 36.12.1302(2)
(Revised 02/2025)

For Department Use Only
Received

JUN 09 2025

DNRC Water Resources
Glasgow Regional Office

Instructions

Use this optional form to submit a written request for a preapplication meeting, as required in ARM 36.12.1302(2) for applicants electing to complete a preapplication meeting with the department prior to submitting an application for a beneficial water use permit or change in appropriation right pursuant to § 85-2-302, MCA. Use additional sheets as necessary.

Submit this form to the appropriate regional office; see contact information on the last page of this form.

Date Received

Received By

Scheduled Meeting Date

AK
7/15 @ 2PM

1. Applicant Name Hilltop Shop LLC - Troy and Janelle Jensen, Members
Mailing Address PO Box 652
City Sidney **State** MT **Zip** 59270
Home Phone (406) 480-0906 Troy Cell **Other Phone** (406) 489-0251 Janelle Cell
Email: tsjensen@midrivers.com

2. Representative Name (if other than Applicant) _____
 Representative is Consultant Representative is Attorney Representative is Other
Mailing Address _____
City _____ **State** _____ **Zip** _____
Home Phone _____ **Other Phone** _____
Email: _____

3. Are you requesting a preapplication meeting for a permit or change application?
 Permit Change

4. Describe your project:
 Lawn Irrigation



5. Identify the following elements of the proposed permit or change in appropriation.

a) The flow rate and volume of water required:

Flow Rate 20 GPM CFS Volume 1.9 Acre-Feet

b) The point of diversion:

Point of Diversion #1 1/4 1/4 1/4 Section 34, Township 27 N S, Range 41 E W
County Valley

Lot/Tract 081 Block Subdivision Name Idlewild Park Subdivision

Point of Diversion #2 1/4 1/4 1/4 Section , Township N S, Range E W
County

Lot/Tract Block Subdivision Name

c) The place of use:

1.10 Acres 081 Lot Block 1/4 1/4 1/4 Sec 34, Twp 27 N S, Rge 41 E W
 Acres Lot Block 1/4 1/4 1/4 Sec , Twp N S, Rge E W
 Acres Lot Block 1/4 1/4 1/4 Sec , Twp N S, Rge E W
 Acres Lot Block 1/4 1/4 1/4 Sec , Twp N S, Rge E W
 Acres Lot Block 1/4 1/4 1/4 Sec , Twp N S, Rge E W

d) The source of water: Missouri River

e) The proposed purpose: Lawn Irrigation

f) For a change in appropriation right, the water right(s) proposed for change:

Type of water right Basin Water Right #

Type of water right Basin Water Right #

Type of water right Basin Water Right #

Identify the water right elements proposed for change, with a checkmark for each water right proposed for change.

Water Right #					
Point of diversion	<input type="checkbox"/>				
Place of use	<input type="checkbox"/>				
Purpose of use	<input type="checkbox"/>				
Place of storage	<input type="checkbox"/>				



g) For a change in appropriation right, an explanation of historical use of the right(s) proposed for change:

h) Any proposed place of storage, if applicable (only if storage capacity is greater than 0.1 acre-feet):

#1 Capacity: Surface Acres _____ x Max Depth (feet) _____ x (.4 for dams/.5 for pits) = _____ Acre-Feet

Location: ___ 1/4 ___ 1/4 ___ 1/4 Section ___, Township ___ N S, Range ___ E W

#2 Capacity: Surface Acres _____ x Max Depth (feet) _____ x (.4 for dams/.5 for pits) = _____ Acre-Feet

Location: ___ 1/4 ___ 1/4 ___ 1/4 Section ___, Township ___ N S, Range ___ E W

#3 Capacity: Surface Acres _____ x Max Depth (feet) _____ x (.4 for dams/.5 for pits) = _____ Acre-Feet

Location: ___ 1/4 ___ 1/4 ___ 1/4 Section ___, Township ___ N S, Range ___ E W

i) For applications proposing a well or wells, the well depth(s) and location. If more than two wells, attach a separate sheet to this request:

Well #1 New Well Existing Well

For existing well, if available, Water Right # _____ GWIC ID _____

1/4 ___ 1/4 ___ 1/4 Section ___, Township ___ N S, Range _____ E W

County _____

Lot/Tract _____ Block _____ Subdivision Name _____

Estimated Well Depth _____ Feet

Well #2 New Well Existing Well

For existing well, if available, Water Right # _____ GWIC ID _____

___ 1/4 ___ 1/4 ___ 1/4 Section _____, Township ___ N S, Range ___ E W

County _____

Lot/Tract _____ Block _____ Subdivision Name _____

Estimated Well Depth _____ Feet

