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**COLORADO GROUND WATER COMMISSION
FINDINGS AND ORDER**

IN THE MATTER OF AN APPLICATION FOR DETERMINATION OF WATER RIGHT TO GROUND WATER IN
THE UPPER BLACK SQUIRREL CREEK DESIGNATED GROUND WATER BASIN

DETERMINATION NO.: 3541-BD

AQUIFER: Arapahoe

APPLICANT: Home Run Restorations Inc.

In compliance with Section 37-90-107(7), C.R.S., and the Designated Basin Rules, 2 CCR 410-1, Home Run Restorations Inc. (hereinafter "Applicant") submitted an application for determination of water right to designated ground water from the Arapahoe Aquifer.

FINDINGS

1. The application was received by the Colorado Ground Water Commission on January 4, 2018.
2. The Applicant requests a determination of right to designated ground water in the Arapahoe Aquifer (hereinafter "Aquifer") underlying 40 acres, generally described as the SE 1/4 of the NE 1/4, Section 33, Township 13 South, Range 64 West, Sixth P.M., in El Paso County. According to a signed Ownership Statement dated December 1, 2017, attached hereto as Exhibit A, the Applicant owns the 40 acres of land, which are further described in said Ownership Statement (hereinafter "Overlying Land"), and claims control of the right to the ground water in the Aquifer underlying this land (hereinafter "Underlying Ground Water").
3. The Overlying Land is located within the boundaries of the Upper Black Squirrel Creek Designated Ground Water Basin and within the Upper Black Squirrel Creek Ground Water Management District. The Colorado Ground Water Commission (hereinafter "Commission") has jurisdiction over the ground water that is the subject of this Determination.
4. The Commission Staff has evaluated the application relying on the claims to control of the Underlying Ground Water in the Aquifer made by the Applicant.
5. The Applicant intends to apply the Underlying Ground Water to the following beneficial uses: residential, lawn and garden irrigation, the watering of domestic animals and replacement. The Applicant's proposed place of use of the Underlying Ground Water is the above described 40 acres of overlying land.
6. The application requests the maximum allowable annual amount of Underlying Ground Water from beneath the Overlying Land.
7. The quantity of water in the Aquifer underlying the 40 acres of Overlying Land claimed by the applicant is 1,290 acre-feet. This determination was based on the following as specified in the Designated Basin Rules:
 - a. The average specific yield of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 17 percent.



Determination No.: 3541-BD
Aquifer: Arapahoe
Applicant: Home Run Restorations Inc.

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- b. The average thickness of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 190 feet.
8. Pursuant to Section 37-90-107(7)(a), C.R.S., and in accordance with the Designated Basin Rules, the Commission shall allocate the underlying ground water based on ownership of the overlying land and an aquifer life of one hundred years. Should the entire quantity of underlying ground water identified above be available for allocation, the allowed average annual amount of withdrawal from the Aquifer that could be allocated from beneath the Overlying Land would be 12.9 acre-feet per year.
9. A review of the records in the Office of the State Engineer has disclosed that none of the Underlying Ground Water in the Aquifer beneath the Overlying Land has been previously allocated or permitted for withdrawal.
10. Pursuant to Section 37-90-107(7)(c)(III), C.R.S., an approved determination of water right shall be considered a final determination of the amount of ground water so determined; except that the Commission shall retain jurisdiction for subsequent adjustment of such amount to conform to the actual local aquifer characteristics from adequate information obtained from well drilling or test holes.
11. The ability of wells permitted to withdraw the authorized amount of water from this non-renewable Aquifer may be less than the one hundred years upon which the amount of water in the Aquifer is allocated, due to anticipated water level declines.
12. In accordance with Rule 5.3.6 of the Designated Basin Rules, it has been determined that withdrawal of ground water from the Aquifer underlying the land claimed by the Applicant will, within one hundred years, deplete the flow of a natural stream or its alluvial aquifer at an annual rate greater than one-tenth of one percent of the annual rate of withdrawal and, therefore, the Underlying Ground Water is considered to be not-nontributary ground water. Also, the location of the land claimed by the Applicant is farther than one mile from the Aquifer contact with the alluvium. Pursuant to the Rules, at least four percent (4%) of the amount of the underlying water withdrawn annually must be returned to the uppermost aquifer in the vicinity of the permitted point or points of withdrawal, unless other locations are approved by the Commission.
13. On January 12, 2018, in accordance with Rule 9.1 of the Designated Basin Rules, a letter was sent to the Upper Black Squirrel Creek Ground Water Management District requesting written recommendations concerning this application. No written recommendations from the district were received.
14. In accordance with Sections 37-90-107(7)(c)(II) and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on May 24, 2018 and May 31, 2018. No objections to the application were received within the time limit set by statute.

ORDER

In accordance with Section 37-90-107(7), C.R.S., and the Designated Basin Rules, the Colorado Ground Water Commission orders that the application for determination of right to designated ground water in the Arapahoe Aquifer underlying 40 acres of land, generally described as



Determination No.: 3541-BD
Aquifer: Arapahoe
Applicant: Home Run Restorations Inc.

the SE 1/4 of the NE 1/4, Section 33, Township 13 South, Range 64 West, Sixth P.M., further described in Exhibit A, is approved subject to the following conditions:

15. The allowed average annual amount of withdrawal of Underlying Ground Water from the Aquifer shall not exceed 12.9 acre-feet.
16. The total volume of Underlying Ground Water that may be withdrawn from the Aquifer pursuant to this Determination of Water Right shall not exceed 1,290 acre-feet.
17. The Commission may adjust the total volume and the allowed average annual amount of withdrawal of Underlying Ground Water that may be withdrawn from the Aquifer to conform to actual Aquifer characteristics based on analysis of geophysical logs or other site-specific data if such analysis indicates that the initial estimate of the amount of Underlying Ground Water in the Aquifer was incorrect.
18. The allowed maximum annual amount of withdrawal may exceed the allowed average annual amount of withdrawal as long as the total volume of Underlying Ground Water withdrawn does not exceed the product of the number of years since the date of approval of this determination times the allowed average annual amount of withdrawal.
19. The Applicant may pump the allowed average annual amount of withdrawal and the allowed maximum annual amount of withdrawal from one or more wells of a well field in any combination, so long as the total combined withdrawal of the wells does not exceed the amounts described in this Order.
20. At least four percent (4%) of the allowed amount of Underlying Ground Water withdrawn annually must be returned to the uppermost aquifer in the vicinity of the permitted point or points of withdrawal, unless other locations are approved by the Commission.
21. The use of the allowed amount of Underlying Ground Water from this allocation shall be limited to the following beneficial uses: residential, lawn and garden irrigation, the watering of domestic animals and replacement. The place of use shall be limited to the above described 40 acres of Overlying Land. The ground water that is the subject of this Determination may be reused and successively used to extinction to the extent dominion and control over the water is maintained and its volume can be distinguished from the volume of any stream system into which it is introduced to the satisfaction of the Commission. The ground water right determined herein is located within the Upper Black Squirrel Creek Ground Water Management District where local District rules apply which may further limit the withdrawal and use of the subject designated ground water.
22. Approval of this determination meets the requirements of Section 37-90-107(7)(d)(II) that requires a determination of ground water be made prior to the granting of a well permit pursuant to Section 37-90-107(7).
23. Wells withdrawing the allowed amount of Underlying Ground Water allocated herein are subject to the following conditions:
 - a. The wells must be located on the above described 40 acres of Overlying Land.
 - b. No well shall be located within 600 feet of any existing large-capacity well in the same Aquifer unless a Waiver of Claim of Injury is obtained from the owner of the existing well



Determination No.: 3541-BD
 Aquifer: Arapahoe
 Applicant: Home Run Restorations Inc.

or unless the Commission, after a hearing, finds that circumstances in a particular instance warrant that a well may be permitted without regard to this limitation.

- c. The wells must be constructed to withdraw water from only the Arapahoe Aquifer.
 - d. The entire depth of each well must be geophysically logged prior to installing the casing as set forth in Rule 9 of the Statewide Nontributary Ground Water Rules, 2 CCR 402-7.
 - e. A totalizing flow meter or other Commission approved measuring device shall be installed on each well and maintained in good working order by the well owner. Annual diversion records shall be collected and permanently maintained by the well owner and submitted to the Commission and the Upper Black Squirrel Creek Ground Water Management District upon request.
 - f. The well shall be marked in a conspicuous place with this determination number, the well permit number, and the name of the Aquifer. The well owner shall take necessary means and precautions to preserve these markings.
24. A copy of this Findings and Order shall be recorded by the Applicant in the public records of the county in which the Overlying Land is located so that a title examination of the above described 40 acres of Overlying Land area, or any part thereof, shall reveal the existence of this determination.
25. The ground water right determined herein is a vested property right with specific ownership. The ground water right may be transferred independent of the land under which the right originated. Any action taken that is intended to convey, transfer, and/or sell the subject water right shall explicitly identify this Determination of Water Right number, the specific aquifer, and the annual volume (based on a 100-year aquifer life) or total volume of ground water that is being conveyed.

Dated this 2nd day of July, 2018.

By: *Kevin G. Rein*
 Kevin G. Rein, P.E.
 Executive Director
 Colorado Ground Water Commission

Keith Vander Horst
 Keith Vander Horst, P.E.
 Chief of Water Supply, Basins

Prepared by: aat
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Exhibit A
3541-BD
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Form GWS-3B (12/2013)

STATE OF COLORADO
COLORADO GROUND WATER COMMISSION
1313 Sherman Street, Room 821, Denver, CO 80203
Phone 303-866-3581, www.water.state.co.us

WATER RESOURCES
STATE ENGINEER COLO.

NONTRIBUTARY GROUND WATER CONSENT LANDOWNERSHIP STATEMENT

AQUIFER: Arapahoe

I (we) (Please Print) Home Run Restorations Inc / Shawn Shaffer

whose mailing address is: 5090 Wileys Rd
(street)

Peyton CO 80831 719-649-7241
(city) (state) (zip) (phone)

claim and say that I (we) am (are) the owner(s) of the following described property consisting of 40 acres in the County of EL PASO, State of Colorado.
(insert the property's legal description)

SE 1/4 NE 1/4, Section 33, T13S, R64W of the 6th P.M.

I (we) further claim and say that the right to withdraw the ground water in the aquifer underlying the above described land has been conveyed to others as evidenced by the attached copy of a deed recorded in the county (or counties) in which the land is located, and that the right to withdraw the ground water has not been reserved nor has consent been given to any another except as indicated in the attached deed.

Further, I (we) claim and say that I (we) have read the statement made herein; know the contents thereof; and that the same are true to my (our) knowledge. Pursuant to Section 24-4-104(13)(a), C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a Class 1 misdemeanor.

Shawn Shaffer President 12-1-17
Signature Date

Signature Date

Type or print neatly in black ink. This form may be reproduced by photocopy or word processing means. See additional instructions on back.



**COLORADO GROUND WATER COMMISSION
FINDINGS AND ORDER**

IN THE MATTER OF AN APPLICATION FOR DETERMINATION OF WATER RIGHT TO GROUND WATER IN
THE UPPER BLACK SQUIRREL CREEK DESIGNATED GROUND WATER BASIN

DETERMINATION NO.: 3542-BD

AQUIFER: Denver

APPLICANT: Home Run Restorations Inc.

In compliance with Section 37-90-107(7), C.R.S., and the Designated Basin Rules, 2 CCR 410-1, Home Run Restorations Inc. (hereinafter "Applicant") submitted an application for determination of water right to designated ground water from the Denver Aquifer.

FINDINGS

1. The application was received by the Colorado Ground Water Commission on January 4, 2018.
2. The Applicant requests a determination of right to designated ground water in the Denver Aquifer (hereinafter "Aquifer") underlying 40 acres, generally described as the SE 1/4 of the NE 1/4, Section 33, Township 13 South, Range 64 West, Sixth P.M., in El Paso County. According to a signed Ownership Statement dated December 1, 2017, attached hereto as Exhibit A, the Applicant owns the 40 acres of land, which are further described in said Ownership Statement (hereinafter "Overlying Land"), and claims control of the right to the ground water in the Aquifer underlying this land (hereinafter "Underlying Ground Water").
3. The Overlying Land is located within the boundaries of the Upper Black Squirrel Creek Designated Ground Water Basin and within the Upper Black Squirrel Creek Ground Water Management District. The Colorado Ground Water Commission (hereinafter "Commission") has jurisdiction over the ground water that is the subject of this Determination.
4. The Commission Staff has evaluated the application relying on the claims to control of the Underlying Ground Water in the Aquifer made by the Applicant.
5. The Applicant intends to apply the Underlying Ground Water to the following beneficial uses: residential, lawn and garden irrigation, the watering of domestic animals and replacement. The Applicant's proposed place of use of the Underlying Ground Water is the above described 40 acres of overlying land.
6. The application requests the maximum allowable annual amount of Underlying Ground Water from beneath the Overlying Land.
7. The quantity of water in the Aquifer underlying the 40 acres of Overlying Land claimed by the applicant is 816 acre-feet. This determination was based on the following as specified in the Designated Basin Rules:
 - a. The average specific yield of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 17 percent.



Determination No.: 3542-BD

Page 2

Aquifer: Denver

Applicant: Home Run Restorations Inc.

- b. The average thickness of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 120 feet.
8. Pursuant to Section 37-90-107(7)(a), C.R.S., and in accordance with the Designated Basin Rules, the Commission shall allocate the underlying ground water based on ownership of the overlying land and an aquifer life of one hundred years. Should the entire quantity of underlying ground water identified above be available for allocation, the allowed average annual amount of withdrawal from the Aquifer that could be allocated from beneath the Overlying Land would be 8.16 acre-feet per year.
9. A review of the records in the Office of the State Engineer has disclosed that none of the Underlying Ground Water in the Aquifer beneath the Overlying Land has been previously allocated or permitted for withdrawal.
10. Pursuant to Section 37-90-107(7)(c)(III), C.R.S., an approved determination of water right shall be considered a final determination of the amount of ground water so determined; except that the Commission shall retain jurisdiction for subsequent adjustment of such amount to conform to the actual local aquifer characteristics from adequate information obtained from well drilling or test holes.
11. The ability of wells permitted to withdraw the authorized amount of water from this non-renewable Aquifer may be less than the one hundred years upon which the amount of water in the Aquifer is allocated, due to anticipated water level declines.
12. In accordance with site specific information, as allowed by Rule 5.3.6.1 of the Designated Basin Rules, it has been determined that withdrawal of ground water from the Aquifer underlying the land claimed by the Applicant will, within one hundred years, deplete the flow of a natural stream or its alluvial aquifer at an annual rate greater than one-tenth of one percent of the annual rate of withdrawal and, therefore, the Underlying Ground Water is considered to be not-nontributary ground water. Also, the location of the land claimed by the Applicant is closer than one mile from the Aquifer contact with the alluvium. Withdrawal of water from the Aquifer underlying the claimed land area would impact the alluvial aquifer(s) of Black Squirrel Creek Creek or its tributaries, which has been determined to be over-appropriated. Commission approval of a replacement plan pursuant to Section 37-90-107.5, C.R.S. and Rule 5.6 of the designated Basin Rules, providing for the actual depletion of the alluvial aquifer and adequate to prevent any material injury to existing water rights, is required prior to approval of well permits for wells to be located on this land area to withdraw the Underlying Ground Water from the Aquifer.
13. On January 12, 2018, in accordance with Rule 9.1 of the Designated Basin Rules, a letter was sent to the Upper Black Squirrel Creek Ground Water Management District requesting written recommendations concerning this application. No written recommendations from the district were received.
14. In accordance with Sections 37-90-107(7)(c)(II) and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on May 24, 2018 and May 31, 2018. No objections to the application were received within the time limit set by statute.



Determination No.: 3542-BD
Aquifer: Denver
Applicant: Home Run Restorations Inc.

ORDER

In accordance with Section 37-90-107(7), C.R.S., and the Designated Basin Rules, the Colorado Ground Water Commission orders that the application for determination of right to designated ground water in the Denver Aquifer underlying 40 acres of land, generally described as the SE 1/4 of the NE 1/4, Section 33, Township 13 South, Range 64 West, Sixth P.M., further described in Exhibit A, is approved subject to the following conditions:

15. The allowed average annual amount of withdrawal of Underlying Ground Water from the Aquifer shall not exceed 8.16 acre-feet.
16. The total volume of Underlying Ground Water that may be withdrawn from the Aquifer pursuant to this Determination of Water Right shall not exceed 816 acre-feet.
17. The Commission may adjust the total volume and the allowed average annual amount of withdrawal of Underlying Ground Water that may be withdrawn from the Aquifer to conform to actual Aquifer characteristics based on analysis of geophysical logs or other site-specific data if such analysis indicates that the initial estimate of the amount of Underlying Ground Water in the Aquifer was incorrect.
18. The allowed maximum annual amount of withdrawal may exceed the allowed average annual amount of withdrawal as long as the total volume of Underlying Ground Water withdrawn does not exceed the product of the number of years since the date of approval of this determination times the allowed average annual amount of withdrawal.
19. The Applicant may pump the allowed average annual amount of withdrawal and the allowed maximum annual amount of withdrawal from one or more wells of a well field in any combination, so long as the total combined withdrawal of the wells does not exceed the amounts described in this Order.
20. Commission approval of a replacement plan, providing for actual depletion of affected alluvial aquifers and adequate to prevent any material injury to existing water rights in such alluvial aquifers, is required prior to approval of well permits that allow the withdraw of the Underlying Ground Water.
21. The use of the allowed amount of Underlying Ground Water from this allocation shall be limited to the following beneficial uses: residential, lawn and garden irrigation, the watering of domestic animals and replacement. The place of use shall be limited to the above described 40 acres of Overlying Land. The ground water that is the subject of this Determination may be reused and successively used to extinction to the extent dominion and control over the water is maintained and its volume can be distinguished from the volume of any stream system into which it is introduced to the satisfaction of the Commission. The ground water right determined herein is located within the Upper Black Squirrel Creek Ground Water Management District where local District rules apply which may further limit the withdrawal and use of the subject designated ground water.
22. Approval of this determination meets the requirements of Section 37-90-107(7)(d)(II) that requires a determination of ground water be made prior to the granting of a well permit pursuant to Section 37-90-107(7).



Determination No.: 3542-BD
Aquifer: Denver
Applicant: Home Run Restorations Inc.

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23. Wells withdrawing the allowed amount of Underlying Ground Water allocated herein are subject to the following conditions:
 - a. The wells must be located on the above described 40 acres of Overlying Land.
 - b. No well shall be located within 600 feet of any existing large-capacity well in the same Aquifer unless a Waiver of Claim of Injury is obtained from the owner of the existing well or unless the Commission, after a hearing, finds that circumstances in a particular instance warrant that a well may be permitted without regard to this limitation.
 - c. The wells must be constructed to withdraw water from only the Denver Aquifer.
 - d. The entire depth of each well must be geophysically logged prior to installing the casing as set forth in Rule 9 of the Statewide Nontributary Ground Water Rules, 2 CCR 402-7.
 - e. A totalizing flow meter or other Commission approved measuring device shall be installed on each well and maintained in good working order by the well owner. Annual diversion records shall be collected and permanently maintained by the well owner and submitted to the Commission and the Upper Black Squirrel Creek Ground Water Management District upon request.
 - f. The well shall be marked in a conspicuous place with this determination number, the well permit number, and the name of the Aquifer. The well owner shall take necessary means and precautions to preserve these markings.
24. A copy of this Findings and Order shall be recorded by the Applicant in the public records of the county in which the Overlying Land is located so that a title examination of the above described 40 acres of Overlying Land area, or any part thereof, shall reveal the existence of this determination.
25. The ground water right determined herein is a vested property right with specific ownership. The ground water right may be transferred independent of the land under which the right originated. Any action taken that is intended to convey, transfer, and/or sell the subject water right shall explicitly identify this Determination of Water Right number, the specific aquifer, and the annual volume (based on a 100-year aquifer life) or total volume of ground water that is being conveyed.



Determination No.: 3542-BD
Aquifer: Denver
Applicant: Home Run Restorations Inc.

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Dated this 2nd day of July, 2018.

By: *Kevin G. Rein*
Kevin G. Rein, P.E.
Executive Director
Colorado Ground Water Commission

Keith Vander Horst
Keith Vander Horst, P.E.
Chief of Water Supply, Basins

Prepared by: aat
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Exhibit A
3542-BD
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Form GWS-3B (12/2013)

JAN 04 2013

STATE OF COLORADO
COLORADO GROUND WATER COMMISSION
1313 Sherman Street, Room 821, Denver, CO 80203
Phone 303-866-3581, www.water.state.co.us

WATER RESOURCES
STATE ENGINEER COLO.

NONTRIBUTARY GROUND WATER CONSENT LANDOWNERSHIP STATEMENT

AQUIFER: DENVER

I (we) (Please Print) * Home Run Restorations Inc / Stava Shaffer

whose mailing address is: * 5090 Wileys Rd
(street)

* Peyton CO 80831 719-644-7241
(city) (state) (zip) (phone)

claim and say that I (we) am (are) the owner(s) of the following described property consisting of
10 acres in the County of EL PASO, State of Colorado.
(insert the property's legal description)

SE 1/4 NE 1/4, Section 33, T13S, R64W of the 6th P.M.

I (we) further claim and say that the right to withdraw the ground water in the aquifer underlying the above described land has been conveyed to others as evidenced by the attached copy of a deed recorded in the county (or counties) in which the land is located, and that the right to withdraw the ground water has not been reserved nor has consent been given to any another except as indicated in the attached deed.

Further, I (we) claim and say that I (we) have read the statement made herein; know the contents thereof; and that the same are true to my (our) knowledge. Pursuant to Section 24-4-104(13)(a), C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a Class 1 misdemeanor.

* Stan Giff President
Signature

* 12-1-17
Date

Signature

Date

Type or print neatly in black ink. This form may be reproduced by photocopy or word processing means. See additional instructions on back.



**COLORADO GROUND WATER COMMISSION
FINDINGS AND ORDER**

IN THE MATTER OF AN APPLICATION FOR DETERMINATION OF WATER RIGHT TO GROUND WATER IN
THE UPPER BLACK SQUIRREL CREEK DESIGNATED GROUND WATER BASIN

DETERMINATION NO.: 3540-BD

AQUIFER: Laramie-Fox Hills

APPLICANT: Home Run Restorations Inc.

In compliance with Section 37-90-107(7), C.R.S., and the Designated Basin Rules, 2 CCR 410-1, Home Run Restorations Inc. (hereinafter "Applicant") submitted an application for determination of water right to designated ground water from the Laramie-Fox Hills Aquifer.

FINDINGS

1. The application was received by the Colorado Ground Water Commission on January 4, 2018.
2. The Applicant requests a determination of right to designated ground water in the Laramie-Fox Hills Aquifer (hereinafter "Aquifer") underlying 40 acres, generally described as the SE 1/4 of the NE 1/4, Section 33, Township 13 South, Range 64 West, Sixth P.M., in El Paso County. According to a signed Ownership Statement dated December 1, 2017, attached hereto as Exhibit A, the Applicant owns the 40 acres of land, which are further described in said Ownership Statement (hereinafter "Overlying Land"), and claims control of the right to the ground water in the Aquifer underlying this land (hereinafter "Underlying Ground Water").
3. The Overlying Land is located within the boundaries of the Upper Black Squirrel Creek Designated Ground Water Basin and within the Upper Black Squirrel Creek Ground Water Management District. The Colorado Ground Water Commission (hereinafter "Commission") has jurisdiction over the ground water that is the subject of this Determination.
4. The Commission Staff has evaluated the application relying on the claims to control of the Underlying Ground Water in the Aquifer made by the Applicant.
5. The Applicant intends to apply the Underlying Ground Water to the following beneficial uses: residential, lawn and garden irrigation, the watering of domestic animals and replacement. The Applicant's proposed place of use of the Underlying Ground Water is the above described 40 acres of overlying land.
6. The application requests the maximum allowable annual amount of Underlying Ground Water from beneath the Overlying Land.
7. The quantity of water in the Aquifer underlying the 40 acres of Overlying Land claimed by the applicant is 1,260 acre-feet. This determination was based on the following as specified in the Designated Basin Rules:
 - a. The average specific yield of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 15 percent.



- b. The average thickness of the saturated permeable material of the Aquifer beneath the Overlying Land that could yield a sufficient quantity of water that may be extracted and applied to beneficial use is 210 feet.
8. Pursuant to Section 37-90-107(7)(a), C.R.S., and in accordance with the Designated Basin Rules, the Commission shall allocate the underlying ground water based on ownership of the overlying land and an aquifer life of one hundred years. Should the entire quantity of underlying ground water identified above be available for allocation, the allowed average annual amount of withdrawal from the Aquifer that could be allocated from beneath the Overlying Land would be 12.6 acre-feet per year.
9. A review of the records in the Office of the State Engineer has disclosed that none of the Underlying Ground Water in the Aquifer beneath the Overlying Land has been previously allocated or permitted for withdrawal.
10. Pursuant to Section 37-90-107(7)(c)(III), C.R.S., an approved determination of water right shall be considered a final determination of the amount of ground water so determined; except that the Commission shall retain jurisdiction for subsequent adjustment of such amount to conform to the actual local aquifer characteristics from adequate information obtained from well drilling or test holes.
11. The ability of wells permitted to withdraw the authorized amount of water from this non-renewable Aquifer may be less than the one hundred years upon which the amount of water in the Aquifer is allocated, due to anticipated water level declines.
12. In accordance with Rule 5.3.6 of the Designated Basin Rules, it has been determined that withdrawal of ground water from the Aquifer underlying the land claimed by the Applicant will not, within one hundred years, deplete the flow of a natural stream or its alluvial aquifer at an annual rate greater than one-tenth of one percent of the annual rate of withdrawal and, therefore, the Underlying Ground Water is nontributary ground water as defined in Rule 4.2.19 of the Designated Basin Rules. Pursuant to the Rules, no more than 98% of the amount of the Underlying Ground Water withdrawn annually shall be consumed.
13. On January 12, 2018, in accordance with Rule 9.1 of the Designated Basin Rules, a letter was sent to the Upper Black Squirrel Creek Ground Water Management District requesting written recommendations concerning this application. No written recommendations from the district were received.
14. In accordance with Sections 37-90-107(7)(c)(II) and 37-90-112, C.R.S., the application was published in the Ranchland News newspaper on May 24, 2018 and May 31, 2018. No objections to the application were received within the time limit set by statute.

ORDER

In accordance with Section 37-90-107(7), C.R.S., and the Designated Basin Rules, the Colorado Ground Water Commission orders that the application for determination of right to designated ground water in the Laramie-Fox Hills Aquifer underlying 40 acres of land, generally described as the SE 1/4 of the NE 1/4, Section 33, Township 13 South, Range 64 West, Sixth P.M., further described in Exhibit A, is approved subject to the following conditions:



15. The allowed average annual amount of withdrawal of Underlying Ground Water from the Aquifer shall not exceed 12.6 acre-feet.
16. The total volume of Underlying Ground Water that may be withdrawn from the Aquifer pursuant to this Determination of Water Right shall not exceed 1,260 acre-feet.
17. The Commission may adjust the total volume and the allowed average annual amount of withdrawal of Underlying Ground Water that may be withdrawn from the Aquifer to conform to actual Aquifer characteristics based on analysis of geophysical logs or other site-specific data if such analysis indicates that the initial estimate of the amount of Underlying Ground Water in the Aquifer was incorrect.
18. The allowed maximum annual amount of withdrawal may exceed the allowed average annual amount of withdrawal as long as the total volume of Underlying Ground Water withdrawn does not exceed the product of the number of years since the date of approval of this determination times the allowed average annual amount of withdrawal.
19. The Applicant may pump the allowed average annual amount of withdrawal and the allowed maximum annual amount of withdrawal from one or more wells of a well field in any combination, so long as the total combined withdrawal of the wells does not exceed the amounts described in this Order.
20. No more than 98% of the allowed amount of Underlying Ground Water withdrawn annually shall be consumed. The Commission may require well owners to demonstrate periodically that no more than 98% of the underlying ground water withdrawn is being consumed.
21. The use of the allowed amount of Underlying Ground Water from this allocation shall be limited to the following beneficial uses: residential, lawn and garden irrigation, the watering of domestic animals and replacement. The place of use shall be limited to the above described 40 acres of Overlying Land. The ground water that is the subject of this Determination may be reused and successively used to extinction to the extent dominion and control over the water is maintained and its volume can be distinguished from the volume of any stream system into which it is introduced to the satisfaction of the Commission. The ground water right determined herein is located within the Upper Black Squirrel Creek Ground Water Management District where local District rules apply which may further limit the withdrawal and use of the subject designated ground water.
22. Approval of this determination meets the requirements of Section 37-90-107(7)(d)(II) that requires a determination of ground water be made prior to the granting of a well permit pursuant to Section 37-90-107(7).
23. Wells withdrawing the allowed amount of Underlying Ground Water allocated herein are subject to the following conditions:
 - a. The wells must be located on the above described 40 acres of Overlying Land.
 - b. No well shall be located within 600 feet of any existing large-capacity well in the same Aquifer unless a Waiver of Claim of Injury is obtained from the owner of the existing well or unless the Commission, after a hearing, finds that circumstances in a particular instance warrant that a well may be permitted without regard to this limitation.



- c. The wells must be constructed to withdraw water from only the Laramie-Fox Hills Aquifer.
 - d. The entire depth of each well must be geophysically logged prior to installing the casing as set forth in Rule 9 of the Statewide Nontributary Ground Water Rules, 2 CCR 402-7.
 - e. A totalizing flow meter or other Commission approved measuring device shall be installed on each well and maintained in good working order by the well owner. Annual diversion records shall be collected and permanently maintained by the well owner and submitted to the Commission and the Upper Black Squirrel Creek Ground Water Management District upon request.
 - f. The well shall be marked in a conspicuous place with this determination number, the well permit number, and the name of the Aquifer. The well owner shall take necessary means and precautions to preserve these markings.
24. A copy of this Findings and Order shall be recorded by the Applicant in the public records of the county in which the Overlying Land is located so that a title examination of the above described 40 acres of Overlying Land area, or any part thereof, shall reveal the existence of this determination.
25. The ground water right determined herein is a vested property right with specific ownership. The ground water right may be transferred independent of the land under which the right originated. Any action taken that is intended to convey, transfer, and/or sell the subject water right shall explicitly identify this Determination of Water Right number, the specific aquifer, and the annual volume (based on a 100-year aquifer life) or total volume of ground water that is being conveyed.

Dated this 2nd day of July, 2018.

By: *Kevin G. Rein*
Kevin G. Rein, P.E.
Executive Director
Colorado Ground Water Commission

Keith Vander Horst
Keith Vander Horst, P.E.
Chief of Water Supply, Basins

Prepared by: aat
F&O3540-BD.doc



RECEIVED
JAN 04 2018

Form GWS-3B (12/2013)

STATE OF COLORADO
COLORADO GROUND WATER COMMISSION
1313 Sherman Street, Room 821, Denver, CO 80203
Phone 303-866-3581, www.water.state.co.us

WATER RESOURCES
STATE ENGINEER COLO.

NONTRIBUTARY GROUND WATER CONSENT LANDOWNERSHIP STATEMENT

AQUIFER: LARAMIE - Fox Hills

I (we) (Please Print) X Home Run Restorations Inc / Shawn Stuffer

whose mailing address is: X 5090 Niteys Rd
(street)

X Peyton CO 80831 719-649-7241
(city) (state) (zip) (phone)

claim and say that I (we) am (are) the owner(s) of the following described property consisting of
40 acres in the County of EL PASO, State of Colorado.
(insert the property's legal description)

SE 1/4 NE 1/4, Section 33, T13S, R64W of the 6th P.M.

I (we) further claim and say that the right to withdraw the ground water in the aquifer underlying the above described land has been conveyed to others as evidenced by the attached copy of a deed recorded in the county (or counties) in which the land is located, and that the right to withdraw the ground water has not been reserved nor has consent been given to any another except as indicated in the attached deed.

Further, I (we) claim and say that I (we) have read the statement made herein; know the contents thereof; and that the same are true to my (our) knowledge. Pursuant to Section 24-4-104(13)(a), C.R.S., the making of false statements herein constitutes perjury in the second degree and is punishable as a Class 1 misdemeanor.

X Shawn Stuffer President X 12-1-17
Signature Date

Signature Date

Type or print neatly in black ink. This form may be reproduced by photocopy or word processing means. See additional instructions on back.



TO Shawn Shaffer/Home Run Restorations Inc.
5090 Wileys Road
Peyton CO 80831

CC: Joseph Alessi, PLS, CRA, GRI, BSME
Alessi and Associated, Inc

From: Julia M. Murphy P.G.
Groundwater Investigations LLC

RE: Denver Aquifer Determination of Water Rights 3452BD Replacement Plan

Date: April 2, 2020

The following presents the groundwater modeling results to support a replacement plan for the Wyoming Estates proposed subdivision at 3050 Curtis Road, Peyton CO 80831, El Paso County Colorado (Figure 1). The 40-acre undeveloped land (Property) is proposed to be subdivided into 4 lots (Figure 2). The Property is situated within the Southeast quarter of the northwest quarter of Section 33, Township 13 south, Range 64 west, of the 6th P.M. within the Upper Black Squirrel Creek Designated Ground Water Basin and within the jurisdiction of Upper Black Squirrel Creek Designated Groundwater Management District. The proposed source of water supply is the Denver aquifer. Proposed uses include in-home use, irrigation of lawn and garden and domestic animals. All groundwater will be used on the overlying land.

The Determination of Water Rights was previously obtained under Basin Determination 3542BD for the Denver Aquifer (Exhibit 1). The Land Ownership Statement is contained in this determination and labeled Exhibit A on the last page of Exhibit 1. The total annual amount of water that may be withdrawn according to 3542BD is 8.16 AF/Yr based on a 100-year depletion. For new subdivisions, Paso County requires a 300-year water supply therefore, 2.72 AF/Yr reflects the maximum annual water availability for the subdivision.

METHODOLOGY

The Denver Aquifer is identified as not-non tributary. In addition, the location of the Property is less than one mile from the alluvium/aquifer contact therefore actual stream depletions resulting from pumping must be determined and replaced as to prevent any material injury to existing water rights. The State approved groundwater model AUG3 was used to evaluate the amount of depletion that is projected to occur to hydraulically connected stream systems from groundwater withdraw on the Property. In addition, per the direction of the Colorado Division of Water Resources, the Integrated Decision Support Groups' Alluvial Water Accounting System (AWAS) model was used to show that replacement water will reach the saturated alluvium before depletions occur (in time and amount).

REPLACEMENT PLAN

Depletion Analysis- Denver Aquifer

A stream depletion analysis for pumping the not non-tributary Denver aquifer at a rate of 1.82 AF for 300 years was accomplished using the states' AUG3 groundwater model (DE10). The total maximum stream depletion occurs in the 300th year and was calculated to be 0.866 AF, or 47.6% of the pumped amount (Exhibit 2). Each of the 4 homes will be allocated 0.455F AF/Yr for 300 years of Denver Aquifer groundwater (total of 1.82 AF/Yr for 300 years). Of the 0.455 AF/Yr, a total of 0.25 AF/yr will be used for in home purposes. The remaining



0.205 AF/yr will be used for domestic animals and irrigation of lawn and gardens in accordance with Basin Determination 3542 BD. It is accepted that 10 percent of water used in the home is consumed and the remaining water treated through a non-evaporative septic system and will replenish the stream system as return flow by application of the treated wastewater via a leach field. Therefore, 90 percent of 0.25AF/Yr in-home use, or 0.23 AF/Yr (per home), will return to the stream system, replacing the depletions that result from pumping.

Replacement

The timing of Replacement was evaluated using the Alluvial Water Accounting System (AWAS) developed by Colorado State University (HRS 2020). The accretion to the stream system is calculated based on Glovers’ analytical solution in a numerical groundwater model which accounts for local aquifer properties and boundary conditions (Glover 1977).

Table 1 Lists the aquifer parameters used for the AWAS model analysis. The overlying materials from the Property and the Stream transition from Eolian sand (Qes) to Rocky Mountain alluvium (Qrf) (Figure 3). The different hydraulic properties were accounted for using recharge test results of 35 ft/day for the Qes and 87 ft/day for Qrf (HRS 2008 and Topper 2008). Figure 3 also shows the locations where two distances from proposed septic system locations were used to evaluate the recharge to the stream.

Table 1 AWAS Parameters		
	Close OWTS	Far OWTS
Aquifer Width (ft)	8,450	8,450
Transmissivity (gpd/ft)	2,012	2,012
Specific Yield	0.2	0.2
Distance from OWTS to UBS Creek (ft)	924	2,244

Using the AWAS model, the q/Q curves were calculated from the model results. Figure 4 shows the ratio of accretion rate to recharge rate (q/Q) for both selected distances. The table below. At one year, q/Q are 0.3510 (distance of 925 feet) and 0.0235 (distance of 2244 feet) (HRS 2020).

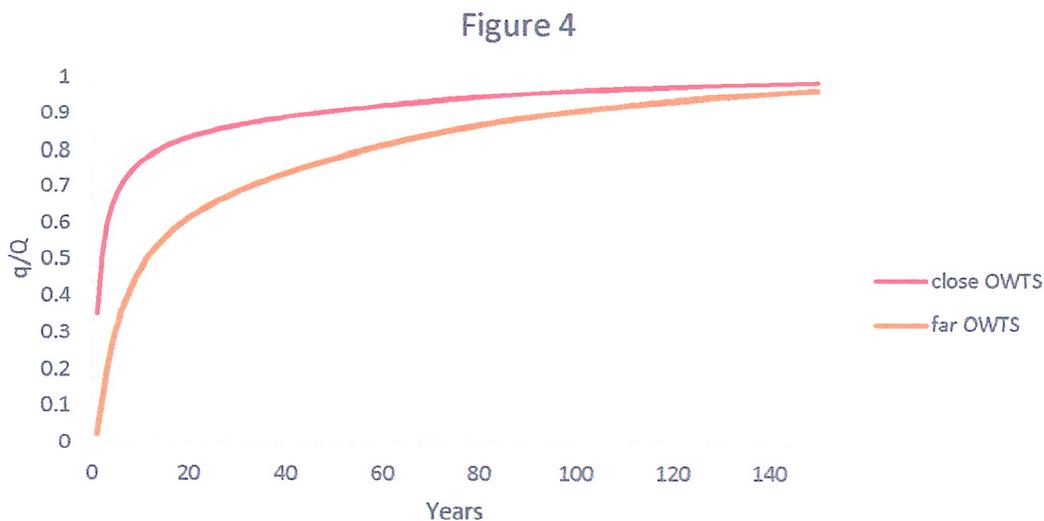
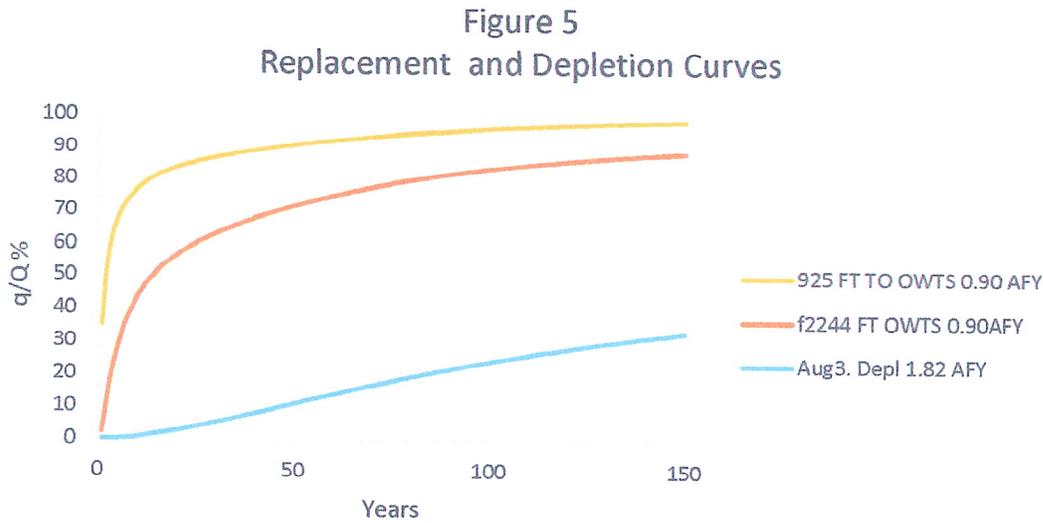




Figure 5 is a chart showing q/Q accretion rate to recharge rate as a percent using the AWAS results for the two distances at a total OWTS recharge rate of 0.90 AF/Yr. These are compared on the same chart to the AUG3 q/Q percent depletion model results from pumping 1.82 AF/Yr over the same duration.



The maximum total depletion of 0.866 AF from pumping the Denver aquifer will be fully replaced in time, place, and amount by the total annual septic return amount of 0.90 AF.

Compliance

Water use will be monitored by use of individual flow meters in compliance with 2CCR410-1, Rules and Regulations for the Management and Control of Designated Ground Water, 5.6.1.B.1.b. A homeowners association will be established for reporting purposes and adherence to the Replacement plan. Individual non-evaporative septic systems will be permitted by the El Paso County Department of Health and Environment.

Costs

Construction on the subdivision is proposed to begin in the Summer of 2020. Homes will be designed and constructed by the landowner along with well installation and septic system. Cost of non-evaporative septic system/leach field with a Denver well is estimated to be \$25,000 to \$35,000 per site.



REFERENCES

HRS Water Consultants (March 2020), Technical Memorandum, Accretion from onsite wastewater treatment systems at Wyoming Estates

Glover, R.E. 1977, Transient Groundwater Hydraulics Littleton Colorado. Water Resources Publications 413 p.

HRS Water Consultants (July 2008), Recharge Test Hay Gulch Aquifer Yocam Property Weld County.

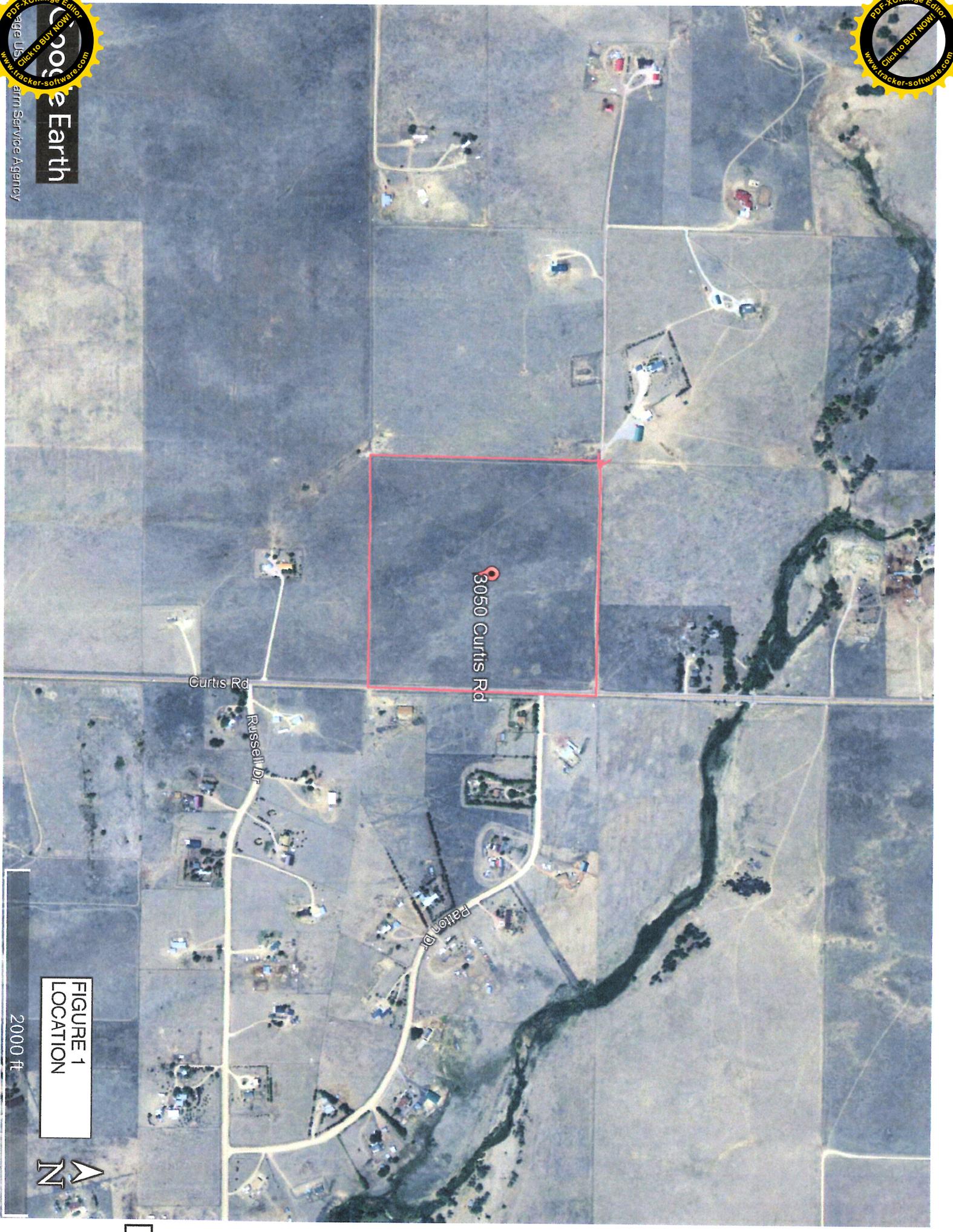
IDS AWAS Program, Alluvial Water Accounting System, Colorado State University.

Morgan, Matthew L. and White, Jonathan L. 2012, Open File Report 12-05, Falcon Quadrangle Geologic Map, Colorado Geological Survey, Denver , Colorado.

Topper, Ralf, 2008, Upper Black Squirrel Creek Basin Aquifer Recharge and Storage Evaluation, Colorado Geological Survey , p 114.



Google Earth
airm Service Agency



3050 Curtis Rd

Curtis Rd

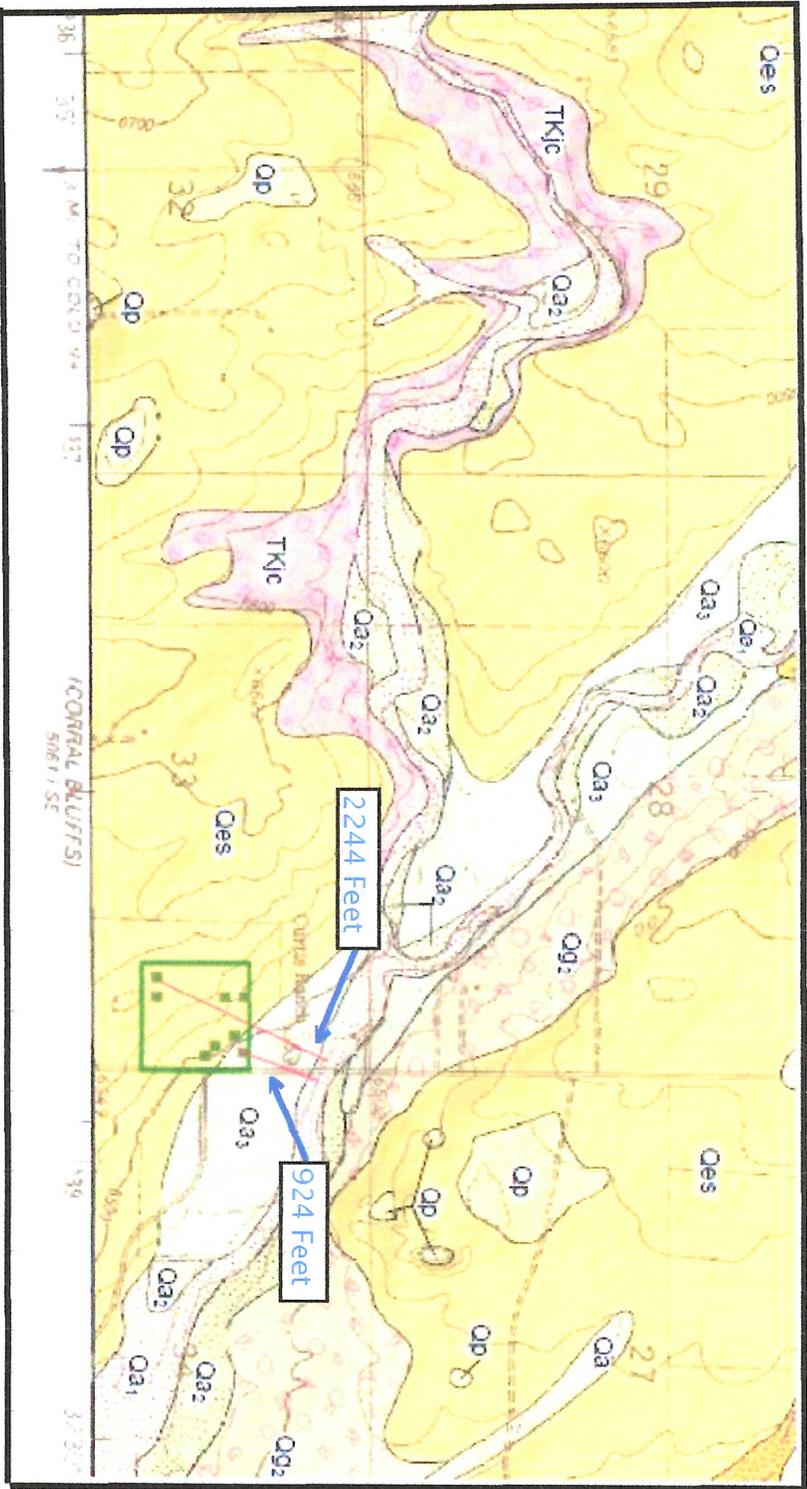
Russell Dr

Ration Dr

FIGURE 1
LOCATION

2000 ft





From HRS 2020; USGS Falcon Quadrangle

FIGURE 3
Geology and Evaluated
Distances from Recharge Areas



PUBLISHER'S AFFIDAVIT

STATE OF COLORADO)
) ss.
COUNTY OF ELBERT)

I, Jenna Lister, do solemnly affirm that I am the Publisher of RANGLAND NEWS; that the same is a weekly newspaper published at Simla, County of Elbert, State of Colorado, and has a general circulation therein; that said newspaper has been continuously and uninterruptedly published in said County of Elbert for a period of at least 52 consecutive weeks next prior to the first publication of the annexed notice, that said newspaper is entered in the post office at Calhan, Colorado as second class mail matter and that said newspaper is a newspaper within the meaning of the Act of the General Assembly of the State of Colorado, approved March 30, 1923, and entitled "Legal Notices and Advertisements," with other Acts relating to the printing and publishing of legal notices and advertisements. That the annexed notice was published in the regular and entire issue of said newspaper, once each week for TWO successive weeks; that the first publication of said notice was in the Issue of said newspaper dated;

May 21, 2020

and the last publication of said notice was in the issue of said newspaper dated;
May 28, 2020

and that copies of each number of said paper in which said notice and/or list was published were delivered by carriers or transmitted by mail to each of the subscribers of said newspaper, Ranchland News, according to the accustomed mode of business in this office.

Jenna Lister

Publisher

The above certificate of publication was subscribed and affirmed to before me, a Notary Public, to be the identical person described in the above certificate, on the

28 day of May, 2020

Nikki Kiste

Notary Public

April 15, 2024

(My Notary Public Commission Expiration Date)

NICHOLE LISTER
NOTARY PUBLIC - STATE OF COLORADO
NOTARY ID 20204013793
MY COMMISSION EXPIRES APR 15, 2024

Determinations of Water Right

BEFORE THE COLORADO GROUNDWATER COMMISSION

UPPER BLACK SQUIRREL CREEK DESIGNATED GROUNDWATER BASIN = "None" AND THE UPPER BLACK SQUIRREL CREEK GROUNDWATER MANAGEMENT DISTRICT- EL PASO COUNTY

TAKE NOTICE that pursuant to section 37-90-107.5, C.R.S., and the Designated Basin Rules, 2 CCR 410-1, Home Run Restorations, Inc. has submitted an application to the Colorado Groundwater Commission for a replacement plan to allow withdrawal of not-nontributary groundwater from the Denver Aquifer within Upper Black Squirrel Creek Designated Ground Water Basin. The applicant has submitted the following summary of the plan for publication.

The Applicant seeks a replacement plan for the use of not-nontributary Denver Aquifer that is the subject of Determination of Water Right No. 3542-BD which quantified the groundwater beneath 40.0 acres described as the SE 1/4 NE 1/4 of Section 33, Township 13 South, Range 64 West of the 6th P.M. The Applicant proposes to divert up to 1.82 annual acre-feet of water for a period of 300 years for in home use, irrigation of lawn and gardens, domestic animals and replacement uses for four residences. Based on groundwater flow modeling, the proposed pumping will cause depletions to the alluvial aquifer of Upper Black Squirrel Creek increasing to 0.866 acre feet in the 300th year. The maximum annual depletions have been determined to amount to 47.6% of actual pumping in the 300th year of pumping. Replacements shall be made by means of septic return flows in the amount of 90% of diversions. Per residence, 0.25 annual acre-feet will be used for in-house use, and the remainder 0.205 annual acre-feet for domestic animal watering and lawn and garden irrigation for a maximum of 0.455 acre feet per year. In-home use will be treated through an individual non-evaporative septic systems. Septic return flows from in-house uses will result in total replacement for the pumping of 1.82 annual acre-feet in the amount of 0.866 acre-feet per year, meeting the maximum depletion requirement of 47.6% (0.866 acre feet) in quality, time, place and amount.

The replacement plan is being considered for approval by the Commission in accordance with section 37-90-107.5 and the Designated Basin Rules, 2 CCR 410-1, which requires that the plan must be adequate to prevent any material injury to water rights of other appropriators; specifically rights for large-capacity alluvial wells that are located in the alluvial aquifer of Black Squirrel Creek. The application is published as required by statute and does not imply favorable consideration by the Commission or its Staff, or approval of the proposed plan in its present form.

Any person wishing to object to the approval of this replacement plan must do so in writing, briefly stating the nature of the objection, the name of the applicant, a general description of the property, and the specific aquifer that is the subject of the objection. The objection, including a required \$10 fee per application being objected to, must be received by the Colorado Groundwater Commission by June 27, 2020. Objections should be sent via email to DWRpermitsonline@state.co.us, upon which the objector will be emailed an invoice for paying the fee online. If the objector is unable to provide the objection via email please contact 303-866-3581.

First Publication May 21, 2020

Final Publication May 28, 2020

In Ranchland News

Legal No. 164

RCVD DWR
06/01/2020



Ranchland News

PO Box 307
Simla, CO 80835
719-541-2288

ranchland@bigsandytelco.com



Invoice

Date	Invoice #
5/21/2020	44478

Bill To
Colorado Ground Water Commission 1313 Sherman Street, Room 818 Denver, CO 80203

RCVD DWR
06/01/2020

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate	Amount
82	Legal- 11.5 picas	0.494	40.51
82	Legal- 11.5 picas- rerun	0.345	28.29
	Legal 164		
		Total	\$68.80



To: Shawn Shaffer/Home Run Restorations Inc.

CC: Joseph Alessi, PLS, CRA, GRI, BSME
Alessi and Associates, Inc.

From: Julia M.Murphy PG

Date: June 16 , 2020

RE: Wyoming Estates Water Supply

The following presents the Water Supply for the Wyoming Estates proposed subdivision at 3050 Curtis Road, Peyton CO 80831, El Paso County Colorado (Figure 1). The Property is situated within the Southeast quarter of the northwest quarter of Section 33, Township 13 south, Range 64 west, of the 6th P.M. within the Upper Black Squirrel Creek Designated Ground Water Basin and within the jurisdiction of Upper Black Squirrel Creek Designated Groundwater Management District. The 40-acre undeveloped land (Property) is proposed to be subdivided into 4 lots (Figure 2). Wyoming Estates minor subdivision is comprised of four lots. Lot 1 is 5.11 Acres, Lots 2 and 3 are 5.05 and 5.04 Acres, respectively and Lot 4 is 19.76 acres.

WATER QUALITY

Each home will discard wastewater through individual non-evaporative septic disposal system will be in compliance with and permitted by the El Paso County Department of Health and Environment. The treated water quality discharged to the subsurface will meet the water quality sufficiency requirement in compliance with Section 8.4.7(3)(d) of the El Paso County Land Development Code.

WATER QUANTITY

Based on the Determinations and the required El Paso County 300 year required water supply, the Denver aquifer is the most accessible aquifer with a total of 2.72 AF/Yr availability (3542-BD). A Replacement Plan was submitted to evaluate the impact of pumping on nearby streams.

Each of the 4 homes will be allocated 0.455F AF/Yr for 300 years of Denver Aquifer groundwater (total of 1.82 AF/Yr for 300 years). Of the 0.455 AF/Yr, a total of 0.25 AF/yr will be used for in home purposes. The remaining 0.205 AF/yr will be used for domestic animals and irrigation of lawn and gardens in accordance with Basin Determination 3542-BD and Replacement Plan 3542-BD-RP.

WATER SUPPLY DEPENDIBILITY

The proposed source of water supply is the non-tributary Denver aquifer which is the uppermost aquifer underlying the property. The Denver aquifer water will be used in accordance with the Replacement Plan. Proposed uses include in-home use, irrigation of lawn and garden and domestic animals. All groundwater will be used on the overlying land. Determinations of Water Rights for the subdivisions water supply was obtained for the not nontributary Denver and the approved Replacement Plan 3542-BD Based on the Determinations and the required El Paso County 300 year required water supply, the Denver aquifer is the most accessible aquifer with a total of 2.72 AF/Yr availability.



WATER SUPPLY INFORMATION SUMMARY

Section 30-28-133(d), C.R.S. requires that the applicant submit to the County, "Adequate evidence that a water supply that is sufficient in terms of quantity, quality and dependability will be available to ensure an adequate supply of water.

1. NAME OF DEVELOPMENT AS PROPOSED Wyoming Estates			
2. LAND USE ACTION Minor Subdivision			
3. NAME OF EXISTING PARCEL AS RECORDED			
SUBDIVISION	FILING	BLOCK	LOT
4. TOTAL ACREAGE 40	5. NUMBER OF LOTS PROPOSED 4	PLAT MAP ENCLOSED <input checked="" type="checkbox"/> YES	
6. PARCEL HISTORY - Please attach copies of deeds, plats or other evidence or documentation.			
A. Was parcel recorded with county prior to June 1, 1972? <input type="checkbox"/> YES <input type="checkbox"/> NO			
B. Has the parcel ever been part of a division of land action since June 1, 1972? <input type="checkbox"/> YES <input type="checkbox"/> NO			
If yes, describe the previous action _____			
7. LOCATION OF PARCEL - Include a map delineating the project area and tie to a section corner.			
<u>SE</u> <u>14</u> OF <u>NW.</u> <u>1/4</u> SECTION <u>33</u> TOWNSHIP <u>13</u> <input type="checkbox"/> N <input checked="" type="checkbox"/> S ; RANGE <u>64</u> <input type="checkbox"/> E <input checked="" type="checkbox"/> W			
PRINCIPAL MERIDIAN: <input checked="" type="checkbox"/> 6TH <input type="checkbox"/> N.M.			
8. PLAT - Location of all wells on property must be plotted and permit numbers provided. Surveyors plat <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If not, scaled hand drawn sketch <input type="checkbox"/> Yes <input type="checkbox"/> No			
9. ESTIMATED WATER REQUIREMENTS - Gallons per Day or Acre Feet per Year		10. WATER SUPPLY SOURCE	
HOUSEHOLD USE # <u>4</u> of units _____ GPD <u>1.0</u> AF	COMMERCIAL USE # _____ of S.F. _____ GPD _____ AF	<input type="checkbox"/> EXISTING WELLS <input type="checkbox"/> DEVELOPED SPRING WELL PERMIT NUMBERS _____ _____ _____	<input type="checkbox"/> NEW WELLS - PROPOSED AQUIFERS - (CHECK ONE) <input type="checkbox"/> ALLUVIAL <input checked="" type="checkbox"/> 6R ARAPAHOE <input type="checkbox"/> UPPER DAWSON <input type="checkbox"/> 7R ARAPAHOE <input type="checkbox"/> LOWER DAWSON <input type="checkbox"/> LARAMIE FOX HILLS <input type="checkbox"/> DENVER <input type="checkbox"/> DAKOTA <input type="checkbox"/> OTHER _____
IRRIGATION # _____ ft _____ Up to .082 AF	STOCK WATERING # _____ if head _____ up to 0.82 AF		
OTHER _____ GPD _____ AF	TOTAL _____ GF <u>1.82</u> AF/Yr		
11. ENGINEER'S WATER SUPPLY REPORT <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, PLEASE FORWARD WITH THIS FORM. (This may be required before our review is completed.)			
12. TYPE OF SEWAGE DISPOSAL SYSTEM			
<input checked="" type="checkbox"/> SEPTIC TANK/LEACH FIELD		<input type="checkbox"/> CENTRAL SYSTEM - DISTRICT NAME _____	
<input type="checkbox"/> LAGOON		<input type="checkbox"/> VAULT - LOCATION SEWAGE HAULED TO _____	
<input type="checkbox"/> ENGINEERED SYSTEM (Attach a copy of engineering design)		<input type="checkbox"/> OTHER _____	