

**CLAIM OF
BENEFICIAL USE
for Surface Water Permits
claiming more than 0.1 cfs**



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.oregon.gov/OWRD

**A fee of \$230 must accompany this form for permits
with priority dates of July 9, 1987, or later.**

A separate form shall be completed for each permit.

In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
<https://www.oregon.gov/OWRD/Forms/Pages/default.aspx>

Go to "Resources for Water Right Examiners (CWRE)" Page
<https://www.oregon.gov/OWRD/programs/WaterRights/COBU/Pages/default.aspx>
The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

If you have questions regarding the completion of this form, please call 503-979-9103.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see
<https://www.oregon.gov/OWRD/programs/WaterRights/RA/Pages/default.aspx>

**SECTION 1
GENERAL INFORMATION**

1. File Information:

APPLICATION # S-88577	PERMIT # S-55151	PERMIT AMENDMENT # NA
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2. Property Owner (current owner information):

APPLICANT/BUSINESS NAME Lone Star Road LLC		PHONE NO. (503) 807-1226	ADDITIONAL CONTACT NO.
ADDRESS 1118 Northshore Road			
CITY Lake Oswego	STATE OR	ZIP 97034	E-MAIL gmbieze@gmail.com

If the current property owner is not the permit holder of record, it is recommended that an assignment be filed with the Department. ***Each*** permit holder of record must sign this form.

3. Permit or holder of record (this may, or may not, be the current property owner):

PERMIT HOLDER OF RECORD Lone Star Road LLC		
ADDRESS 1118 Northshore Road		
CITY Lake Oswego	STATE OR	ZIP 97034

ADDITIONAL PERMIT HOLDER OF RECORD NA		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection:**September 13, 2022****5. Person(s) interviewed and description of their association with the project:**

NAME	DATE	ASSOCIATION WITH THE PROJECT
Gerald Bieze	9/13/2022	Landowner

6. County:**Polk****7. If any property described in the place of use of the permit final order is excluded from this report, identify the owner of record for that property (ORS 537.230(5)):**

OWNER OF RECORD NA		
ADDRESS		
CITY	STATE	ZIP

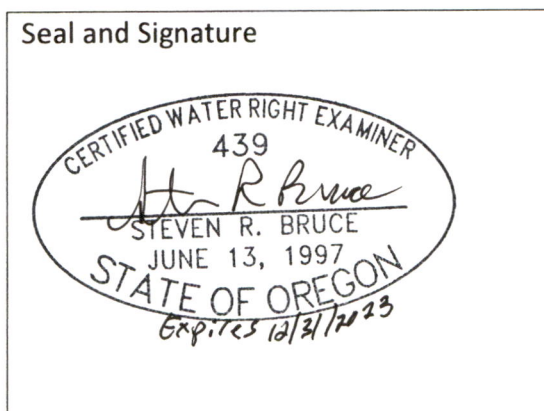
Add additional tables for owners of record as needed

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SECTION 2 SIGNATURES

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.



CWRE NAME Steven R. Bruce Skookum Water Associates Inc.		PHONE NO. (503) 319-8926	ADDITIONAL CONTACT NO.
ADDRESS 1626 Victorian Way			
CITY Eugene	STATE OR	ZIP 97401	E-MAIL steve@skookumwater.com

Permit Holder of Record Signature or Acknowledgement

Each permit holder of record must sign this form in the space provided below.

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	TITLE	DATE
	Gerald Bieze	Member, Lone Star Road LLC	11/3/22

SECTION 3

CLAIM DESCRIPTION

1. Point of diversion name or number:

POINT OF DIVERSION (POD) NAME OR NUMBER (CORRESPOND TO MAP)
POD

2. Point of diversion source and tributary:

POD NAME OR NUMBER	SOURCE	TRIBUTARY
POD	Bieze Reservoir constructed under Permit R-15324	King Creek

3. Developed use(s), period of use, and rate for each use:

POD NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
POD	Irrigation	Vineyard & pasture	Summer	1.2 AF
Total Quantity of Water Used				1.2 AF

4. Provide a general narrative description of the distribution works. This description must trace the water system from **each** point of diversion to the place of use:

Water is diverted from the reservoir using a 5-hp centrifugal pump. After passing through a flowmeter, the water is conveyed to the places of use by 4-inch-diameter mainlines and 1-inch and 2-inch-diameter lateral pipelines. The blocks of grape vines are irrigated using approximately 172,300 feet of drip emitters. The pasture area is irrigated using six K-Line sprinklers, which are moved as needed.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

5. Variations:

Was the use developed differently from what was authorized by the permit, or permit amendment final order? If yes, describe below.

YES

(e.g. "The permit allowed three points of diversion. The water user only developed one of the points." or "The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres.")

The permit allowed 38.6 acres of irrigation. The water user developed 32.7 acres.

6. Claim Summary:

POD NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
POD	3.0 AF	0.20 cfs (approx. 90 gpm)	--	Irrigation	38.6	32.7

The right should be limited to 32.7 acres of irrigation and 3.0 AF per year.

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SECTION 4
SYSTEM DESCRIPTION

Are there multiple PODs?

NO

If "YES" you will need to copy and complete a separate Section 4 for each POD.

POD Name or Number this section describes (only needed if there is more than one):

A. Place of Use

1. Is the right for municipal use?

NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
6 S	4 W	WM	12	NW NE	--	--	Irrigation	32.7	--
Total Acres Irrigated								32.7	--

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLOT), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLOT, and QQ.

B. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion to the place of use.

1. Is a pump used?

YES

If "NO" items 2 through item 6 may be deleted.

2. Pump Information:

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Berkeley	M18785	B55568	Centrifugal	1 ½ inch	1 inch

3. Motor Information:

MANUFACTURER	HORSEPOWER
Baldor Reliance	5

4. Theoretical Pump Capacity:

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
5	50 reported	6 feet	20 feet	0.20

5. Provide pump calculations:

$$Q \text{ Pump} = \frac{(\text{horsepower})(\text{pump efficiency})}{(\text{total head in feet})} = \frac{(5)(6.61)}{6+127.0+30} = \frac{33.05}{163.0} = 0.20 \text{ cfs (approx. 90 gpm)}$$

Where:

$$\text{hp} = 5$$

$$\text{efficiency} = 6.61 \text{ ft}^4/\text{sec}/\text{hp}$$

$$\text{total head} = 6 \text{ ft of lift to pump} + 127.0 \text{ ft (conversion of 50 psi to ft based on table in CBU form} + 20 \text{ feet lift to POU}$$

6. Measured Pump Capacity (using meter if meter was present and system was operating):

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)
System was off			

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped?

YES

If "NO" items 8 through item 13 may be deleted.

8. Mainline Information:

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
4 inch	2900 feet (approx.)	PVC	Buried

9. Lateral or Handline Information:

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
2 inch	>5,000 ft	PVC	Buried
1 inch	>5,000 ft	PVC	Buried

10. Sprinkler Information:

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
1/8 inch	40	3.0	6	6	0.04

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Drip Emitter Information:

SIZE	OPERATING PSI	EMITTER OUTPUT (GPM)	TOTAL NUMBER OF EMITTERS	MAXIMUM NUMBER USED	TOTAL EMITTER OUTPUT (CFS)
Unknown	50	0.008	54,626	10,000	0.18 (80 gpm)

12. Drip Tape Information:

DRIPPER SPACING IN INCHES	GPM PER 100 FEET	TOTAL LENGTH OF TAPE	MAXIMUM LENGTH OF TAPE USED	TOTAL TAPE OUTPUT (CFS)	ADDITIONAL INFORMATION
NA	--	--	--	--	

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13. Pivot Information:

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
NA				

C. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)?

YES

If "NO", item 2 and 3 relating to this section may be deleted.

If "YES" is it a: Storage Tank

NO

Bulge in System / Reservoir

YES

Complete appropriate table(s), unused table may be deleted.

3. Bulge in System / Reservoir:

RESERVOIR NAME OR NUMBER (CORRESPOND TO MAP)	APPROXIMATE DAM HEIGHT	APPROXIMATE CAPACITY (IN ACRE FEET)
Bieze Reservoir	8 feet	3.5

D. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe?

NO

If "NO", items 2 through 4 relating to this section may be deleted.

E. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system?

NO

If "NO", items 2 through 4 relating to this section may be deleted.

F. Additional notes or comments related to the system:

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SECTION 5

CONDITIONS

All conditions contained in the permit, permit amendment, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits and any extension final orders contain any or all of the following dates: the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use was to be completed. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit or permit extension of time:

	DATE FROM PERMIT	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	7/6/2018		
BEGIN CONSTRUCTION (A)	7/6/2023	7/6/2018	The system existed at time of permitting
COMPLETE CONSTRUCTION (B)	NA	NA	--
COMPLETE APPLICATION OF WATER (C)	7/6/2023	End of July 2019	Completed irrigating the vineyard and pasture

* MUST BE WITHIN PERIOD BETWEEN PERMIT OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETELY APPLY WATER

2. Is there an extension final order(s)?

NO

If "NO", items a and b relating to this section may be deleted.

3. Measurement Conditions:

a. Does the permit, permit amendment, or any extension final order require the installation of a meter or approved measuring device?

YES

If "NO", items b through f relating to this section may be deleted.

b. Has a meter been installed?

YES

c. Meter Information

POD NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
POD	Seamatics	0320180 00182	Working	1,299,482 gallons	June 2018

If a meter has been installed, items d through f relating to this section may be deleted.

4. Recording and reporting conditions:

a. Is the water user required to report the water use to the Department?

NO

If "NO", item b relating to this section may be deleted.

5. Fish Screening:

a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? **YES -**

see July 12, 2018 ODFW Letter (Exhibit A)

If "NO", items b through e relating to this section may be deleted.

6. By-pass Devices:

a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion? **NO -**

see July 12, 2018 ODFW Letter (Exhibit A)

If "NO", items b and c relating to this section may be deleted.

7. Other conditions required by permit, permit amendment final order, or extension final order:

- a. Was the water user required to restore the riparian area if it was disturbed? **YES**
- b. Was a fishway required? **NO**
- c. Was submittal of a water management and conservation plan required? **NO**
- d. Other conditions? **NO**

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

The riparian area was to be restored if disturbed. The riparian area was not disturbed because the reservoir is located off-channel.

SECTION 6

ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Figure 1	Claim of Beneficial Use Map for Application R-88503, Permit R-15324
Exhibit A	July 12, 2018 Letter from Hilary A. Doulos (ODFW) to WRD Regarding Fish Screening and Passage Devices for Application S-88577, Permit S-55151

SECTION 7

CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

The map was tied using a Garmin Oregon 750t GPS and a USDA-FSA-NAIP aerial image collected July 19,2020 (m_4512364_nw_10_060_20200719).

Map Checklist

Please be sure that the map you submit includes ALL the items listed below.

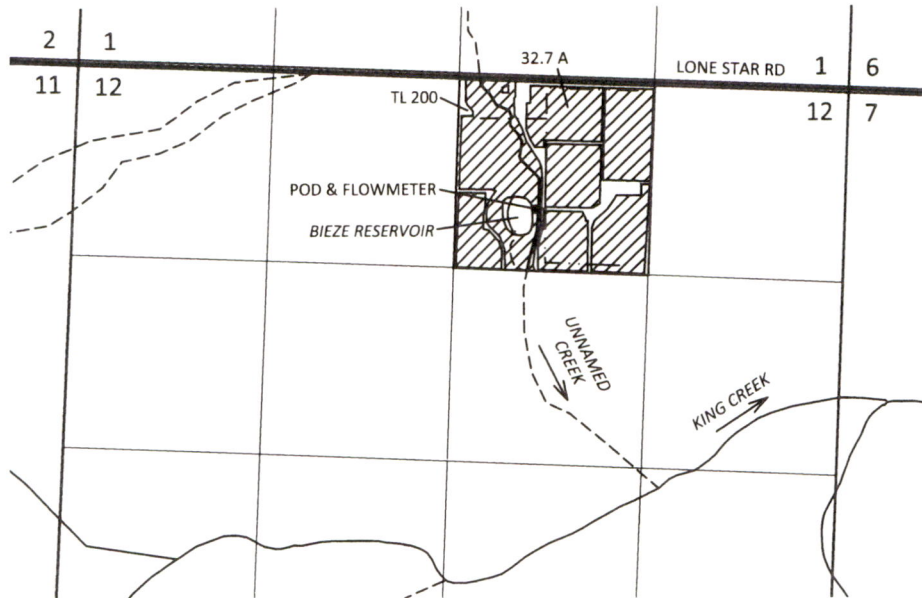
(Reminder: Incomplete maps and/or claims may be returned.)

- ☒ Map on polyester film
- ☒ Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- ☒ Township, Range, Section, Donation Land Claims, and Government Lots
- ☒ If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- ☒ Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- ☒ Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- ☒ Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- ☒ Point(s) of diversion or appropriation (illustrated and coordinates)
- ☒ Tax lot boundaries and numbers
- ☒ Source illustrated if surface water
- ☒ Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- ☒ Application and permit number or transfer number
- ☒ North arrow
- ☒ Legend
- ☒ CWRE stamp and signature

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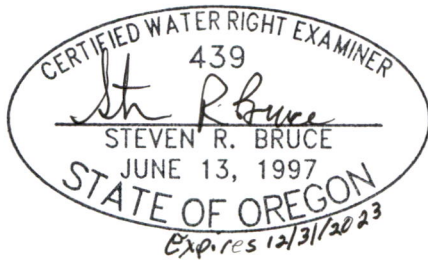
Section 12, T6S, R4W, W.M.,
Polk County, Oregon

Application S-88577, Permit S-55151
CLAIM OF BENEFICIAL USE MAP
Lone Star Road, LLC



POD LOCATION: 810 FT S AND 2130 FT W FROM NE CORNER OF
SECTION 12, T6S, R4W, W.M.

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EXPLANATION



PLACE OF USE - IRRIGATION
32.7 ACRES



POINT OF DIVERSION (POD) & FLOWMETER



3" PIPELINE

NOTE:

THE UNNAMED CREEK DOES NOT CONNECT TO THE
RESERVOIR AND IS LOCATED APPROXIMATELY 50 FEET EAST
OF THE RESERVOIR BANK.

Site Inspection Conducted
September 13, 2022



SCALE



1 INCH = 1320 FEET

October 12, 2022

This map is not intended to provide legal
dimensions or locations of property
ownership lines

Figure 1

SKOOKUM
WATER ASSOCIATES INC

1626 VICTORIAN WAY
EUGENE, OR 97401
(503) 319-8926



Oregon

Kate Brown., Governor

Department of Fish and Wildlife

The Dalles Screen Shop

3561 Klindt Drive
The Dalles, OR 97058
(541) 296-8026
FAX (541) 296-7889
odfw.com



July 12, 2018

Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

RE: Application S-88577/Permit S-55151

To whom it may concern,

I am writing in regards to fish screening and fish passage device requirements stated in Oregon Water Resources Department Application S-88577. The permit associated with this application appropriates water for irrigation use from Bieze Reservoir, which was constructed under Permit R-15324, and is in the King Creek basin. The point of diversion is located as follows: T6S, R4W, Sec. 12, NW NE.

The water user, Mr. Gerald Bieze of Lone Star Road, LLC, submitted an ODFW Alternate Reservoir Application Review Sheet to Ms. Josie Thompson, ODFW fish biologist in the North Willamette Watershed District. Ms. Thompson completed the review on January 23, 2018, and stated that the proposed reservoir is off channel. She also indicated that there *are not* or *were not* native migratory fish species present at the proposed reservoir/point of diversion. While Ms. Thompson made recommendations to improve water quality conditions through riparian enhancement around the reservoir, and stated that water should only be diverted/dammed to fill the reservoir when state and water quality standards are met, there are no obligations for the water user to install and maintain fish screening devices; fish screens and/or passage devices are not necessary.

If you have any questions regarding this letter, please feel free to contact me at 541-296-8026, or through my email at Hilary.A.Doulos@state.or.us.

Sincerely,

Hilary A. Doulos
Fish Screen and Passage Coordinator

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Enclosed: Faxed copy of ODFW Alternate Reservoir Application Review Sheet
CC: Gerald Bieze, Lone Star Road, LLC



CLAIM OF BENEFICIAL USE

APPLICATION S-88577, PERMIT S-55151

**LONE STAR ROAD LLC
1118 Northshore Road
Lake Oswego, OR 97034**

October 13, 2022

Project 10130.001

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**Skookum Water Associates Inc.
1626 Victorian Way Eugene, OR 97401
(503) 319-8926**



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Date Received (Date Stamp Here)

OWRD Over-the-Counter Submission Receipt

Applicant Name(s) & Address: Lonestar Road LLC

1118 Northshore Rd. Lake Oswego, OR 97034

Transaction Type: COBU

Fees Received: \$ 230

☐ Cash

☒ Check:

Check No. 7715

Name(s) on Check: GMB Inc

Thank you for your submission. Oregon Water Resources Department (Department) staff will review your submittal as soon as possible.

If your submission is determined to be complete, you will receive a receipt for the fees paid and an acknowledgement letter stating your submittal is complete.

If determined to be incomplete, your submission and the accompanying fees will be returned with an explanation of deficiencies that must be addressed in order for the submittal to be accepted.

If you have any questions, please feel free to contact the Department's Customer Service staff at 503-986-0801 or 503-986-0810.

Sincerely,

OWRD Customer Service Staff

Submission received by: Dante Luongo
(Name of OWRD staff)

Instructions for OWRD staff:

- Complete this Submission Receipt and make two (2) copies. Place one copy with the check/cash; and place the other copy with the submission (i.e., the application or other document).
- Date-stamp all pages. (NOTE: Do not stamp check.)
- Give this original Submission Receipt to the applicant.
- Record Submission Receipt information on the "RECEIVED OVER THE COUNTER" log sheet.
- Fold and put one copy of the Submission Receipt with check/cash into the Safe slot. Place the other copy of the Submission Receipt with submission (application/other document) in the top drawer of filing cabinet.