

Oregon Water Resources Department

Municipal Reclaimed Water Registration Form

A water use permit may not be required if the water being used is reclaimed water as defined in ORS 537.131 and the reclaimed water use is both authorized by the Oregon Department of Environmental Quality (DEQ) and registered with Oregon Water Resources Department (WRD)(ORS 537.132). Currently there is no fee for registering.

Complete and send this Registration Form to the DEQ permit writer managing the wastewater treatment facility discharge permit. DEQ will review and sign this Registration Form prior to sending it on to WRD in Salem. A response letter will be sent by WRD to all parties within 60 days of receipt.

Instructions are available to guide you. If you need assistance, please call 503-986-0900 and ask for the "Water Reuse Coordinator" or contact the local watermaster in your county. Insert "N/A" if the requested information does not apply to your situation.

1. Name of "Registrant". Who will use the reclaimed water?

Name of Reclaimed Water User: Sunriver Environmental, LLC

County where reclaimed water use will occur: Deschutes

Mail Address: P.O. Box 3699 Sunriver Oregon 97707
Street/P.O. Box City State Zip

Daytime Telephone: (541) 390-1161 E-mail: psmith@sunriverutilities.com

2. Does the reclaimed water user own the land where the use will occur?

YES NO If no, provide the landowner's name and contact information.

Landowner Name: Sunriver Resort

Mail Address: 17600 Center drive Sunriver Oregon 97707
Street/P.O. Box City State Zip

Daytime Telephone: (541) 593-1000 E-mail: Willis, Joshua <Joshua.Willis@s

3. Are there existing water rights on the same land where the use will occur?

YES (provide information below) NO

Application No. _____ Permit No. _____

Certificate No. _____ Decree vol. & pg. _____

Will the reclaimed water be used instead of existing water rights OR used to supplement the continued use of the existing water rights? _____

4. Has DEQ issued a Municipal Wastewater Treatment Facility Discharge Permit authorizing the use of reclaimed water? (If yes, provide permit number)

YES NPDES Permit No. _____ or WPCF Permit No. 102386

Permit Effective Date: _____ Permit Expiration Date: August 2, 2019

DEQ Region: (Check one) Northwest Region Eastern Region Western Region

NO Permit application was submitted to DEQ, but not yet issued.

NO Permit application has not been submitted to DEQ.

5. Who is treating and supplying the reclaimed water to the user?

Name of Supplier: Sunriver Environmental, LLC Telephone No. (541) 390-1161

Treatment Facility Name: Sunriver Treatment Plant Telephone No. (541) 390-1161

Mail Address: P.O. Box 3699 Sunriver Oregon 97707
Street/P.O. Box City State Zip

6. Which water provider supplies potable municipal water to the city/community that produces the sewage entering the treatment facility?

Municipal Water Provider: Sunriver Water, LLC Telephone No. (541) 390-1161

Source(s) of Municipal Water: Groundwater
(stream name, groundwater, and/or reservoir name)

7. Will the use of reclaimed water occur inside or outside the water service boundaries of the potable municipal water provider identified above in Question 6?

INSIDE OUTSIDE

8. What is the length in years of the agreement/contract between the reclaimed water user and the reclaimed water supplier? 20

Describe any conditions in the agreement that limit use of the reclaimed water.

Q # 2 Is Both Yes And No. Sunriver Resort/Woodlands Golf May Use As Much Effluent As Required. Sunriver Environmental Uses The Remainder of the Effluent For Hay Crops.

9. Please describe the transmission system that delivers reclaimed water from the wastewater treatment facility to the place of reclaimed water use.

The Treated Effluent Is Pumped To A Series of Holding Ponds At Woodlands Golf Course. From There Transmission Lines Allow Excess Effluent To Be Pumped To Lake Penhollow.

(Include type of construction of diversion works/pump capacity, length and dimensions of supply ditches/ pipelines)

10. What is the Intended Use(s) of Reclaimed Water?

Irrigation

(irrigation, aquifer recharge, wetlands, industrial, cooling, aquifer storage & recovery, etc.)

Irrigation Total Acres: 154 What type of crop? Golf Course, orchard and timothy grasses
(hay, pasture, golf course, wood fiber, etc.)

What is the irrigation application system? Center Pivot
(flood, center pivot, wheel line, drip, micro-sprinklers)

How much Reclaimed Water will be used? 460 GPM
(cubic feet per second, OR gallons per minute)

Date use began or will begin: April Period of use (month/day): from 4/1 to 10/31

11. What are the water user's motivations to use reclaimed water?

- My existing water rights are "junior" and not always reliable.
- Another water source is available, but reclaimed water is less expensive.
- Reclaimed water is the only source available and enables the use listed in Question 10.
- Reclaimed water allows a WRD transfer of existing water rights to a different location.
- Reclaimed water use reduces demand on the local municipal water supply.
- To assist the treatment facility in meeting DEQ regulatory permit requirements.
- To recharge the aquifer or store water in the aquifer for future recovery.
- Other (describe): _____

12. Describe the historic reclaimed water disposal method.

A) Into which stream was the reclaimed water discharged? None. N/A

B) Has the reclaimed water been discharged into the stream for 5 or more years?

YES NO

C) Where did the treated wastewater historically enter the stream?

N/A

(Township, Range and Section, or distance from landmark, or river mile, or Lat/Long)

D) Does the amount (rate in gpm or cfs) of reclaimed water proposed for use under this registration represent more than 50% of the total average annual flow of the stream?

YES NO UNKNOWN

Source of information used to answer this? N/A

13. Is the required map attached showing the reclaimed water transmission system and place of use? YES NO (If No, please prepare and attach map).

The Registration Form is not complete without an adequate map.
See map requirement explanation on page 4.

14. MAP REQUIREMENTS:

This registration must be accompanied by a map, or maps, to show the location of the wastewater treatment facility, location of reclaimed water transmission system (pipelines, canals, etc.) and the place of reclaimed water use. Features of the map(s) should include the following:

- A north arrow.
- Drawn to scale at not less than 4" = 1 mile, with the scale identified.
- Township, Range, Section, Quarter-Quarters, and tax lot number(s).
- Place of use shown by Quarter-Quarter section with shading or diagonal lines.
- Acres, if land application, per Quarter-Quarter section (approximate if not certain).
- Location of main canals or pipelines to and within the reclaimed water use area.
- Streams and roads identified if they cross through the map.
- Other obvious features that would help someone in the field locate the place of use.
- A legend.

**A map showing the wastewater treatment facility, transmission system, and place of use at a scale of 4" = > 1 mile is fine only if a second map is provided showing the place of use at not less than 4" = 1 mile.*

15. ADDITIONAL COMMENTS: Provide additional information here or attach additional pages.

Question # 2 Is Both Yes And No. Sunriver Resort/Woodlands Golf May Use As Much Effluent As Required. Sunriver Environmental Uses The Remainder of the Effluent For Hay Crops.

16. Signatures of Registrant and Reclaimed Water Supplier:

I/We certify that the information provided in this Registration Form is an accurate representation of the proposed reclaimed water use to the best of my knowledge:

Registrant Printed Name: Patrick D. Smith Title: Environmental Manager

Registrant Signature: _____ Date: _____

Supplier Printed Name: Patrick D. Smith Title: Environmental Manager

Supplier Signature: Patrick D. Smith Date: 11/17/2021

NOTE: Once completed and signed, keep a copy and send this form to the DEQ permit writer responsible for the wastewater treatment facility permit. DEQ will sign and forward the form to WRD in Salem. A response letter will be sent by WRD to all parties within 60 days.

This section is to be completed by DEQ

17. Signature of DEQ Water Quality Manager:

Date registration form received at DEQ: 11/17/2021

Pursuant to ORS 537.132 DEQ has:

- a) Authorized the use of reclaimed water (referred to by DEQ regulations as "recycled water") as evidenced by the NPDES or WPCF permit issued and described below.

Permit Number: 102386 DEQ File Number: 85932
Printed DEQ Permit Writer's Name: Lawrence M. Brown
Mail Address: 475 NE Bellevue Dr. Bend OR 97701
Street/P.O. Box City State Zip
Telephone: 541-633-2025 E-mail: brown.larry@deg.state.or.us

- b) Consulted with State Department of Fish and Wildlife and determined this use of reclaimed water shall not have a significant negative impact on fish or wildlife.

ODFW contact name: Jerry George
ODFW contact phone number: 541-399-6363

- c) Determined the use of reclaimed water is intended to improve the water quality of the receiving stream. Waste water is not discharged to any receiving water

The reclaimed water is (e.g. too warm for salmonids): _____

I certify the provisions of ORS 537.132(1)(a)(b) and (c) for this application are satisfied.

Chad Gubala Date 12/16/21
DEQ Water Quality Manager Signature

Chad P. Gubala Ph.D
DEQ Water Quality Manager's printed name

Once signed by DEQ, this completed form is to be sent to:

Oregon Water Resources Department
C/O Water Reuse Coordinator
725 Summer St. NE, Suite A
Salem, OR 97301-1266

RECLAIMED WATER REGISTRATION CHECKLIST

RM (assigned by Kerri): ²³⁴RM-~~232~~ County: Deschutes Registrant (User of Water): Sunriver Environmental, LLC

Place of Use:

Twp	Rng	Mer	Sec	Q-Q	GLot	Acres	Contract Years in Length
19	11	WM	20	NESW		1.34	20
19	11	WM	20	SESW		4.58	
19	11	WM	20	NWSE		11.82	
19	11	WM	20	NESE		.2	
19	11	WM	20	SESE		2.66	
19	11	WM	20	SWSE		11.28	
19	11	WM	29	NWNE		17.92	
19	11	WM	29	NENE		8.08	
19	11	WM	29	SENE		17.92	
19	11	WM	29	SWNE		23.0	
19	11	WM	29	SENE		6.70	
19	11	WM	29	NESW		11.82	
19	11	WM	29	NWSE		4.73	
19	11	WM	29	NESE		5.82	
19	11	WM	29	SESE		9.81	
19	11	WM	29	SWSE		9.77	
19	11	WM	29	SESW		2.06	
19	11	WM	32	NENW		0.92	
19	11	WM	32	NWNE		10.35	
19	11	WM	32	NENE		0.28	
19	11	WM	33	NENW		2.15	
19	11	WM	33	NWNE		7.02	
19	11	WM	33	SWNE		11.47	
19	11	WM	33	SENE		19.07	
19	11	WM	33	NWSW		17.24	
19	11	WM	33	NWSE		8.46	

Amount: 460gpm Use: IR # of Acres (if for IR): 154 WM Dist #: 11 Stream code: 051980

Supplier of the Reclaimed Water: Sunriver Water, LLC

DEQ Muni WW Permit #: 102386

Source of Reclaimed Water (Wastewater treatment plant): Sunriver Environmental, LLC

Point of Diversion:

Twp	Rng	Mer	Sec	Q-Q
19	11	WM	32	NWNE

Agent (if any): ~~WA~~ Jim Frost - Parametrix

Property Ownership: Does Registrant own all land for the proposed project? Yes No

If No: The affected landowner's name and mailing address is listed. Notes:

The **map** must meet the following minimum requirements.

- Township, Range, Section
- Streams and roads identified as they cross through the map
- Place of use, Q-Qs, and tax lot clearly identified

- Even map scale of not less than 44" = 1 mile (1" = 1320 ft.)
- Location of each diversion point (WW Treatment Plant)
- North Directional Symbol
- Number of acres per Q-Q if for irrigation, nursery, or agriculture
- Legend

* A map showing the wastewater treatment facility, transmission system and place of use at a scale of 4" = 1 mile is fine, **only if** a second map is provided showing the place of use at not less than 4" = 1 mile.

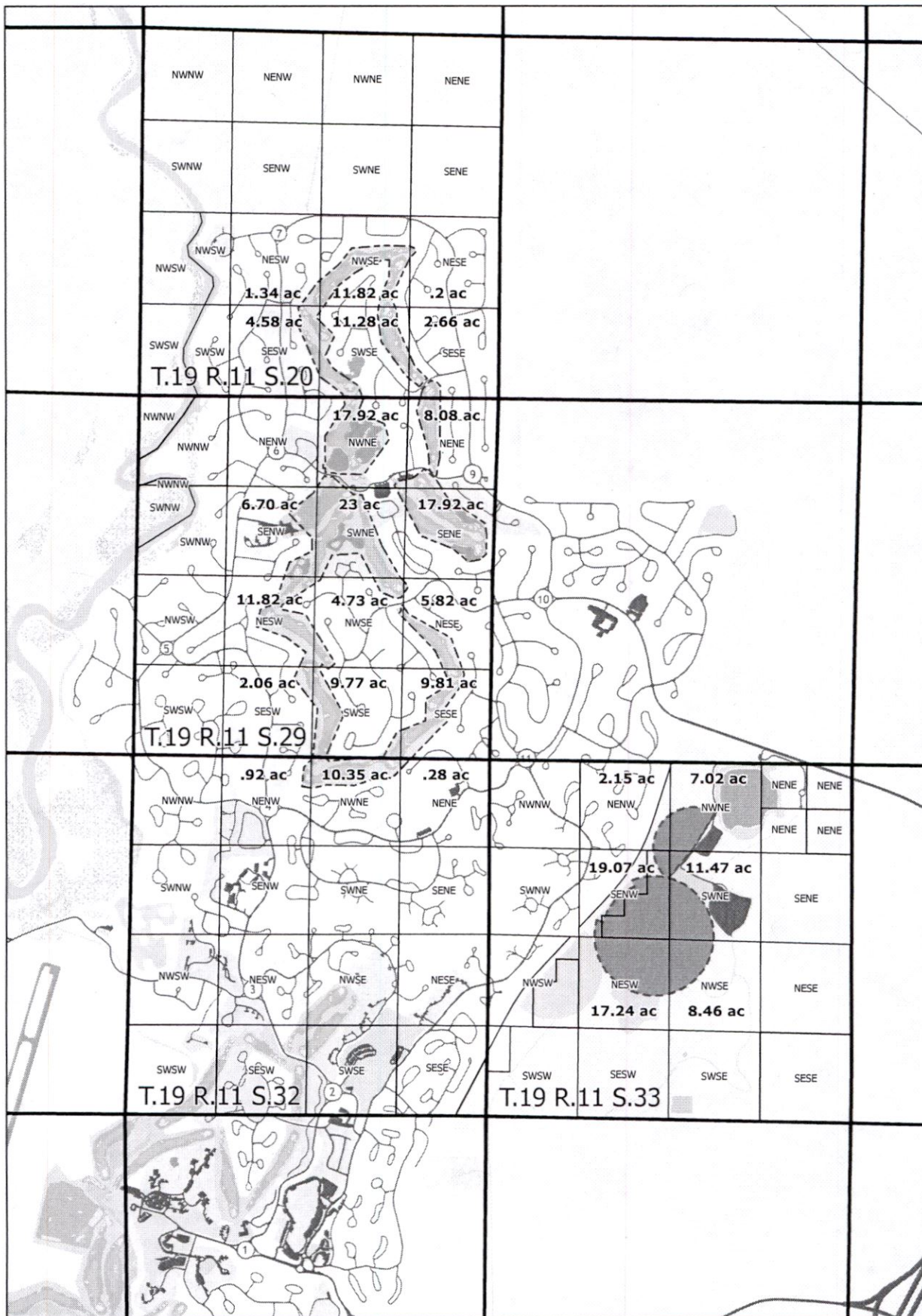
- Signature of **all** Registrants and Reclaimed Water Supplier
- DEQ section (17) is completely filled out and signed
- Existing Water Rights: _____

DO NOT send registration back to applicant if it is not complete. ALL registrations go to Kerri Cope.

Reviewed by: _____ *Kerri H. Cope* _____

Date: 8-26-22

*Remember there is no fee for Reclaimed Water Registrations



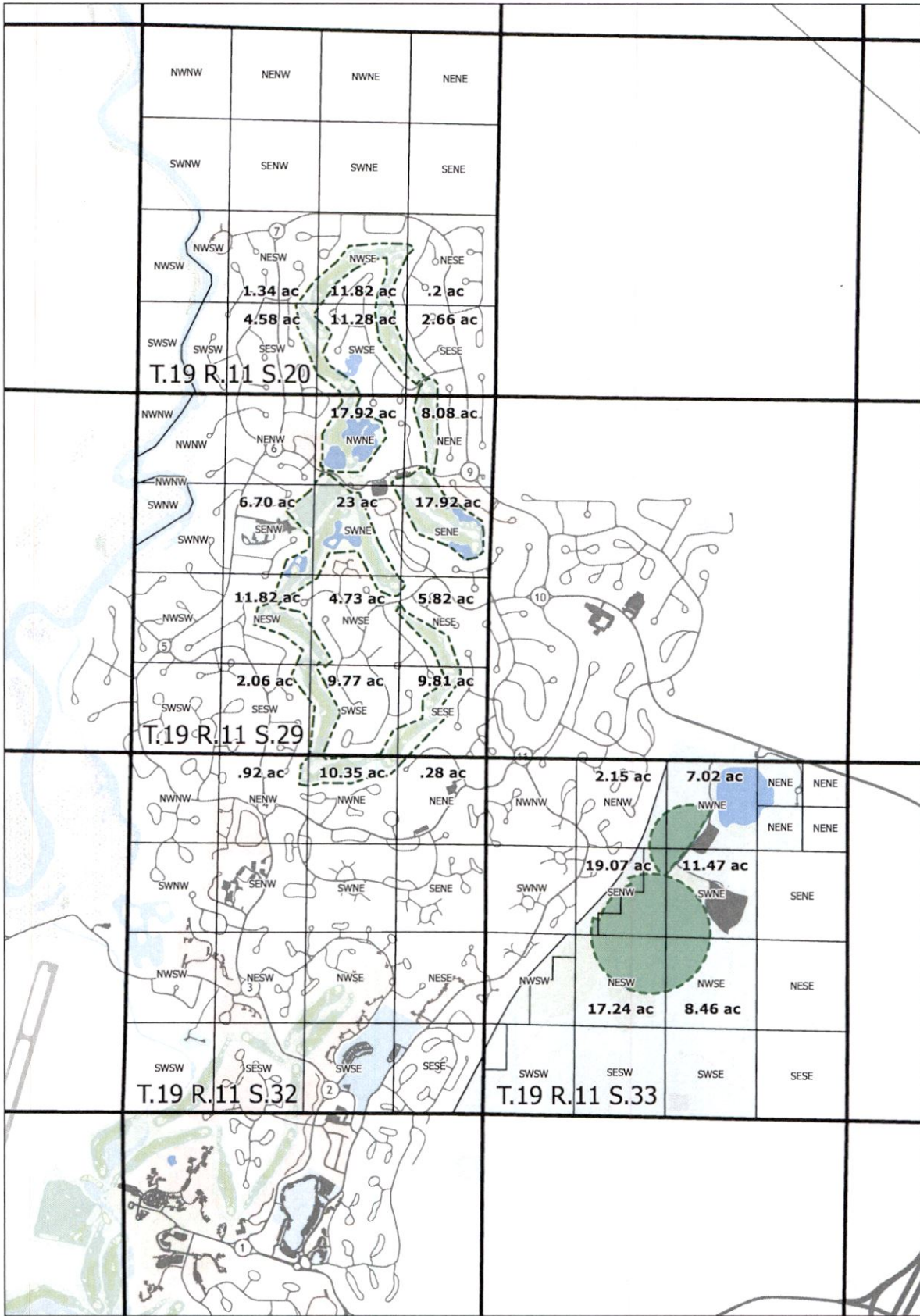
SUNRIVER EFFLUENT IRRIGATION ACREAGE

0 500 1,000 2,000 FT

- Woodlands Golf Irrigation Zone (161 Acres)
- Irrigation Field (65.4 Acres)
- Effluent Storage Lake

- PLSS Sections
- PLSS Quarter Quarter Sections
- # ac** Denotes acres per Q,Q Section





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