



Oregon Water Resources Department

Rm-204  
Registration No.  
(Dept. Use Only)

Registration of Reclaimed Municipal Water Use

"Reclaimed water" means water that has been used for municipal purposes and after such use has been treated in a sewage treatment system and that, as a result of treatment, is suitable for a direct beneficial purpose or a controlled use that could not otherwise occur. (ORS 537.131 and 537.132)

AUG 18 2014

NOTE: Please type or print in dark ink. If your registration is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your registration, insert "n/a."

Registrant(s) Summerfield Civic Assoc.  
(owner of the land where reclaimed water is to be used)

Mailing Address 10650 SW SUMMERFIELD DR.  
Tigard OR 97224 503-620-0402  
City State Zip Daytime Telephone No.

- 1. Municipal Discharge Permit \_\_\_\_\_

NPDES Permit No. 101141 Effective Date \_\_\_\_\_ Expiration Date \_\_\_\_\_

WPCF Permit No. \_\_\_\_\_ Effective Date \_\_\_\_\_ Expiration Date \_\_\_\_\_

Date use of Reclaimed Water began, or is scheduled to begin 5/1/14

Annual Period of Use: from May 1st to Oct. 31st

- 2. Supplier of the Municipal Water which produces the Reclaimed Water \_\_\_\_\_

If more than one supp. Clean Water Services provide a list in the Remarks section on page 4.

Name of Supplier Durham Advance Wastewater Facility

Address 16580 SW 85th Ave. Tigard OR 97224

Telephone No. 503-547-8150 or No. 503-547-8151

Original Source of Municipal Supp. City of Tigard

- 3. Supplier of Reclaimed Water \_\_\_\_\_

Name of Supplier Clean Water Services

Name of Facility Durham Advance Wastewater Treatment Facility

Street Address of Facility 16580 SW 85th Avenue Tigard Or. 97224

Name of Facility Owner Clean Water Services

Address of Facility Owner 2550 SW Hillsboro Highway Hillsboro, Or 97123

Telephone No. of Supplier 503-681-3600 Telephone No. of Facility 503-547-8150

Fax No. 503-547-8151

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**- 4. User of Reclaimed Water** \_\_\_\_\_

Name of Water User Summerfield Civic Association  
Address 10650 SW SUMMERFIELD DR, TIGARD OR, 97224  
Telephone No. 503-620-0402 Fax No. 503-670-0471

**- 5. Agreement/Contract** \_\_\_\_\_

Period of Agreement and Contract MAY 1<sup>st</sup> 2014 - OCT 31<sup>st</sup> 2019  
Term of Agreement Auto Renew for 5 yrs unless terminated  
Special Limitations \_\_\_\_\_

**- 6. Total Amount of Reclaimed Water** \_\_\_\_\_

Enter the amount to be applied to beneficial use:  
\_\_\_\_\_ cubic feet per second, OR 720 gallons per minute  
If reclaimed water is to be used from more than one treatment facility, give the quantity from each.

**- 7. Intended Use(s) of Reclaimed Water** \_\_\_\_\_

Golf Course Irrigation  
(If for more than one use, give the quantity of reclaimed water from each treatment facility for each use.)

If for **IRRIGATION**, or other land application, state the **TOTAL** number of acres to receive reclaimed water under each use;

Irrigation 40  
Other (describe) /  
(Temperature Control, Mitigation, Wetland, etc.)

**- 8. Description of Delivery System** \_\_\_\_\_

Include dimensions and type of construction of diversion works, length and dimensions of supply ditches or pipelines, size and type of pump and motor. If for irrigation, describe the type of system (i.e., flood, wheel line, hand line, drip, other).

Flowtronex Pump Station VFD (2) 35 hp pumps 720 gpm Capacity  
Water is pumped from holding pond into 6", 4" and 2" mainlines  
to Toro DT34 & DT35 Spray rotors

**- 9. Existing Water Rights** \_\_\_\_\_

Please provide a description of all the existing water rights appurtenant to the lands where the reclaimed water will be applied.

Application No. \_\_\_\_\_ Permit No. \_\_\_\_\_

Certificate No. \_\_\_\_\_ Decree vol & pg \_\_\_\_\_

(Only one number needs to be provided. Attach a separate list if more than one water right is involved.)

**- 10. Property Ownership**

Do you own all the land where you propose to divert, transport and use water?

- Yes (Skip to section no. 11 "Historic Disposal Method")
- No (Please check the appropriate box below and, in the **Remarks** section, list the names and addresses of all affected landowners.\*\*)
  - I have a recorded easement or written authorization permitting access.
  - I do not currently have written authorization or an easement permitting access.

\*\*If more than 25 landowners are involved, a list is not required. Contact WRD for instructions.

**- 11. Historic Disposal Method**

Has the reclaimed water being registered in this process been discharged into a natural watercourse for 5 or more years?

- No (Skip to section no. 12 "Signature")
- Yes (Please answer the following questions)



a) Name of the receiving natural watercourse: \_\_\_\_\_

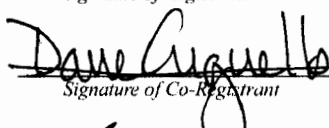
b) Description of the location where the discharge historically entered the natural watercourse: \_\_\_\_\_

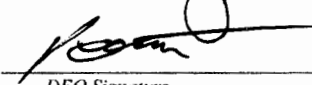
c) Does the amount of reclaimed water proposed for use under this registration represent 50% or more of the total average daily flow of the natural watercourse?  Yes  No

**- 12. Signature**

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

 5/8/14       5/15/14  
 Signature of Registrant      Date      Supplier's Signature      Date

 Reuse Program Manager 5/15/14  
 Signature of Co-Registrant      Title      Date

 3/16/15  
 DEQ Signature      Date

**NOTE:** This registration must be accompanied by a map which shows the location of the treatment plant, approximate location of conveyance system (pipelines, canals, etc.) and place of use. The map must be drawn to scale with the scale stated on the map. The land area where the reclaimed water is to be applied shall be identified on the map. Topographic maps with the facilities and place of use shown will meet the map requirement.

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Summervied

ATTACHMENT A1

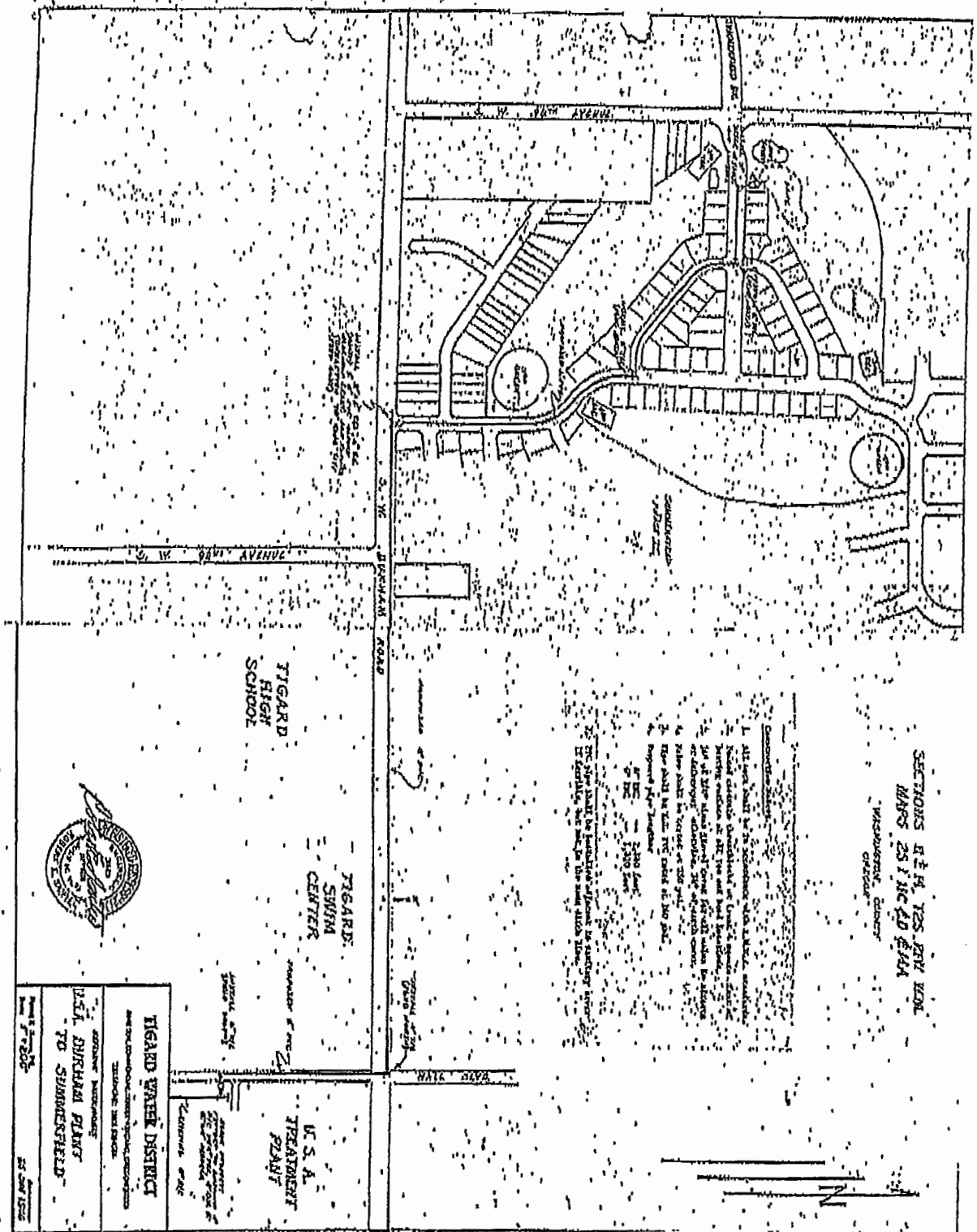
Location and Site Characteristics Maps

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SALEM, OR

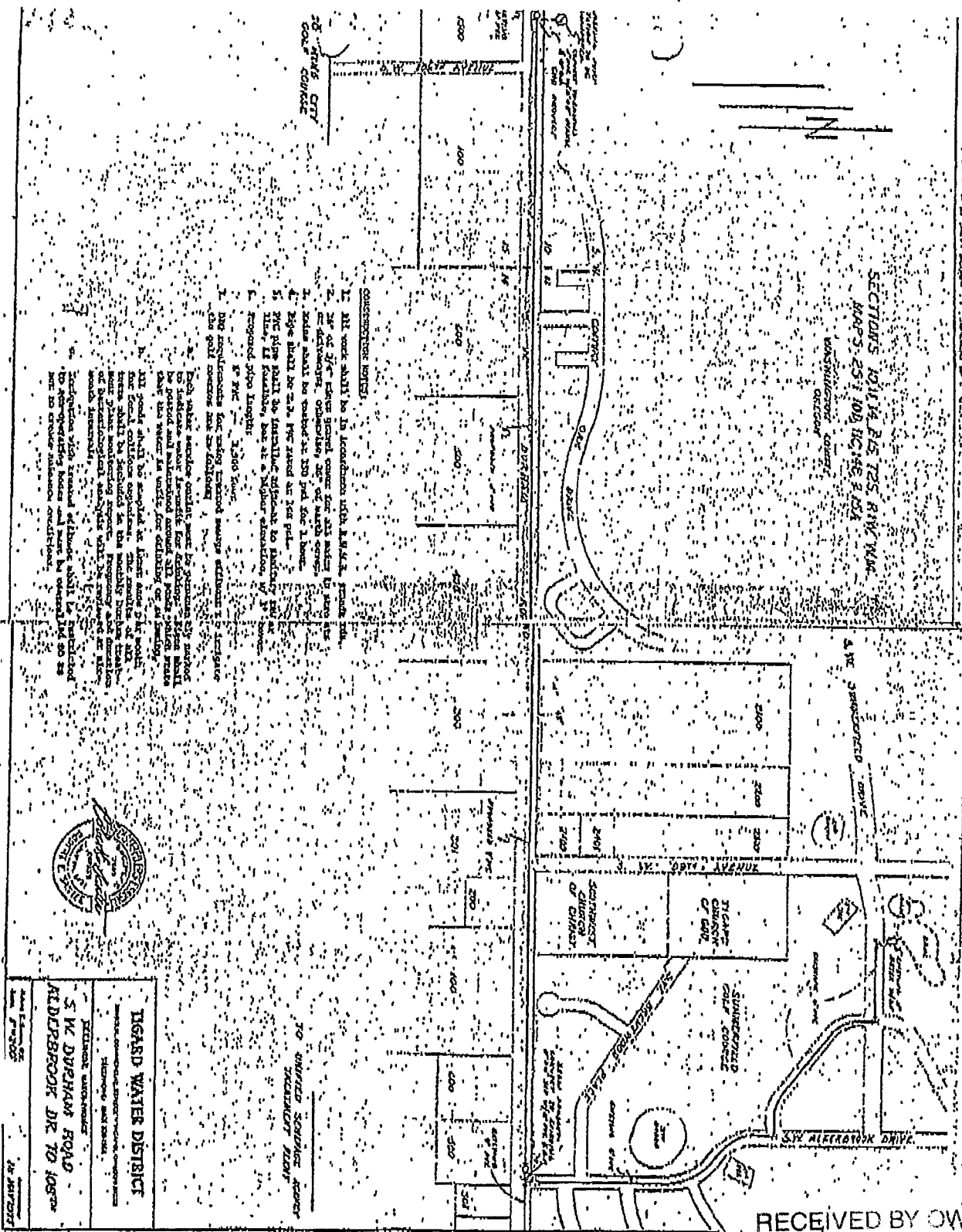
ATTACHMENT A1  
 Location and Site Characteristics Maps



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SALEM, OR



- CONSTRUCTION NOTES:**
1. All work shall be in accordance with A.S.P.C. plans and specifications.
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**BOARD WATER DISTRICT**  
 DISTRICT WATERWORKS  
 5 W. DURHAM ROAD  
 ALBANY, OR 97007  
 Phone: 503-325-1200  
 Fax: 503-325-1201

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SW1/4 SECTION 11 T2S RIW W.M.

2S 1 11CD

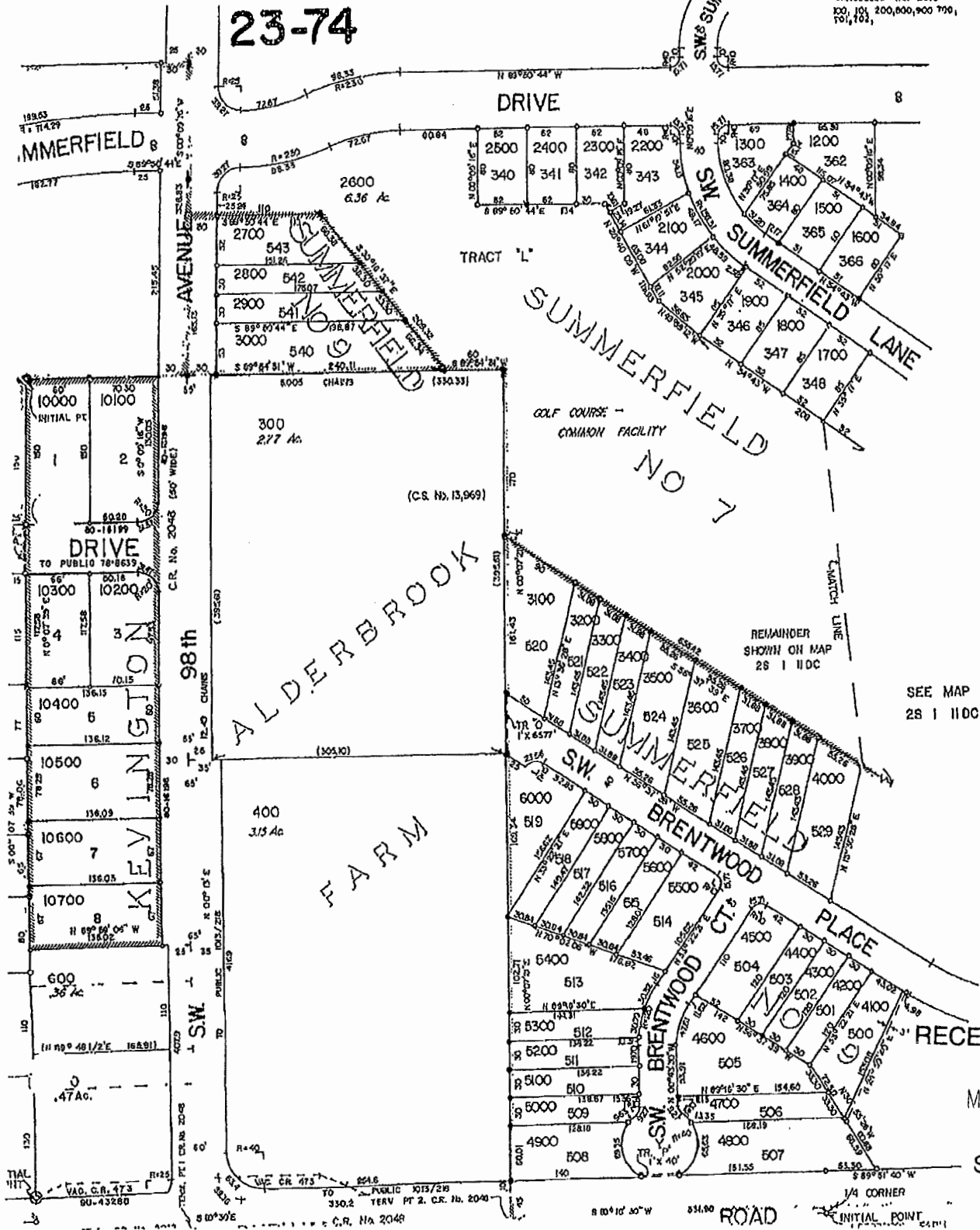
WASHINGTON COUNTY OREGON

SCALE 1" = 100'

SEE MAP  
2S 1 11CA

CANCELLED TAX LOTS  
100, 101, 200, 800, 900 700,  
701, 702,

23-74



SEE MAP  
2S 1 110C

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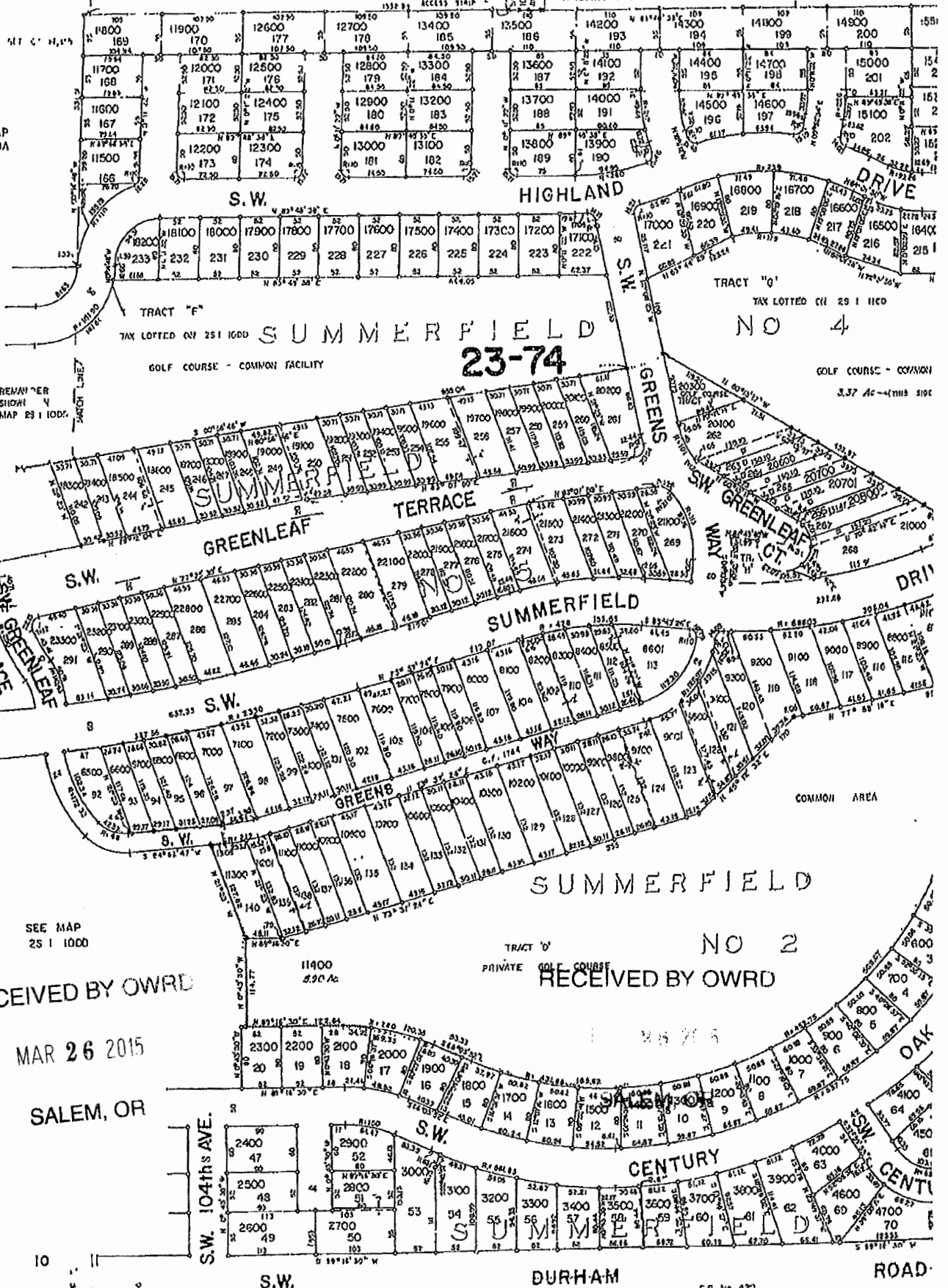
SALEM, OR

1/4 CORNER  
INITIAL POINT



SW/4 SW/4 SECTION 11 T2S R11W T4.1N1. WASHINGTON COUNTY OREGON SCALE 1"=100'

SEE MAP 25 1 100A



REMAN'ER SHOW' MAP 25 1 100D

SEE MAP 25 1 100D

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SALEM, OR

10 11

TRACT 'G' NO 2 PRIVATE GOLF COURSE RECEIVED BY OWRD

DURHAM ROAD CENTURY ROAD SEE MAP 25 1 148B C.R. No. 472





August 14, 2014

AUG 18 2014

Mark W. Hynson  
Senior NPDES Permit Writer  
Oregon Department of Environmental Quality  
Water Quality Program, NW Region  
2020 SW 4th Avenue, Suite 150  
Portland, Oregon 97201-4987

**Subject: Clean Water Services Registration of Reclaimed Municipal Water Use**

Attached are the completed forms and maps for the registration of Reclaimed Municipal Water Use for the following properties. The registrations are for; City of Hillsboro's Rood Bridge Park, King City Civic Association golf course, and Summerfield Civic Association golf course.

If you need additional information please contact Steve Kebbe at (503) 547-8198 or myself at (503)681-5151.

Sincerely,

A handwritten signature in black ink that reads "Debra Gorman".

Debra Gorman  
Water Resource Analyst

Enclosures

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# Reclaimed Water Registration Checklist

RM (assigned by Kerri) - 204 County Washington Registrant (User of Water) Summerfield Civic Assoc.  
Place of Use: Township 25 Range 1W Section 10 QQ's SESE  
Amount 1.6 CFS Use Golf Course Irrigation Acres (if for IR) 40 WM Dist. # 18  
Supplier Clean Water Services DEQ Muni WW Permit # (Source) NPDES # 101141  
Point of Diversion: Township 25 Range 1W Section 13 QQ NW/NW  
Contract Length in Years 5 (auto Renew) 2014 - 2019  
Agent (if any) N/A

Property ownership: Does the Registrant own all the land for the proposed project? (Y) / N  
If No: N/A  
 The affected landowner's name and mailing address must be listed

- The **map** must meet the following minimum requirements.
- Township, Range, Section
  - Streams and road identified is they cross through the map
  - Place of use, 1/4-1/4's and tax lot clearly identified
  - Even map scale not less than 4" = 1 mile (1" = 1320 ft.)
  - Location of *each* diversion point (WW Treatment Plant)
  - North Directional Symbol
  - Number of acres per 1/4-1/4 if for irrigation, nursery, or agriculture
  - Legend

*New Form Reg.*

*\*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 None

*New Form*




**\*Do not send registration back to applicant if it is not complete, ALL registrations go to Kerri Cope.**

Reviewed by: KHC Date: 4/12/16

**\*Remember there is no fee for Reclaimed Water Registrations**

**Search**

**Identify Non-Water Right Features**

Distance: 1 Feet   

General	Rules	Hydrography
TRSQQ:	WM2.00S1.00W10SESE	
DLC:	-	
Latitude:	45.4053964197	
Longitude:	-122.7873246799	
Buffer (ft):	1	
Elevation (ft):	185	
Basin Name:	Willamette	
County:	Washington	
WM District:	18	
WM Region:	NORTHWEST	
ODFW Region, District:	Northwest Region, NWWD-Coast Range Unit	
Irrigation District AOI:	-	
Irrigation District, Other:	-	
Dams (Permit):	-	
Water Rights:	<a href="#">Platcard for WM2.00S1.00W10</a>	
Well Logs:	<a href="#">Logs for WM2.00S1.00W10</a>	

Tax Lots

Tools

Layers

Bookmarks



POD	POU	Irrigation Districts AOI	WR By Time













# Oregon Water Resources Department Water Rights Mapping Tool

- Main
- Help **OWRD Only**
- Return
- Contact Us

**Search**

**Identify Non-Water Right Features**

Distance: 1 Feet   

**General** Rules Hydrography

TRSQQ: WM2.00S1.00W13NWNW  
 DLC: -  
 Latitude: 45.4025432387  
 Longitude: -122.7638174391  
 Buffer (ft): 1  
 Elevation (ft): 163  
 Basin Name: Willamette  
 County: Washington  
 WM District: 18  
 WM Region: NORTHWEST  
 ODFW Region, District: Northwest Region, NWWD-Coast Range Unit  
 Irrigation District AOI: -  
 Irrigation District, Other: -  
 Dams (Permit): -  
 Water Rights: [Platcard for WM2.00S1.00W13](#)  
 Well Logs: [Logs for WM2.00S1.00W13](#)

Tax Lots

Tools

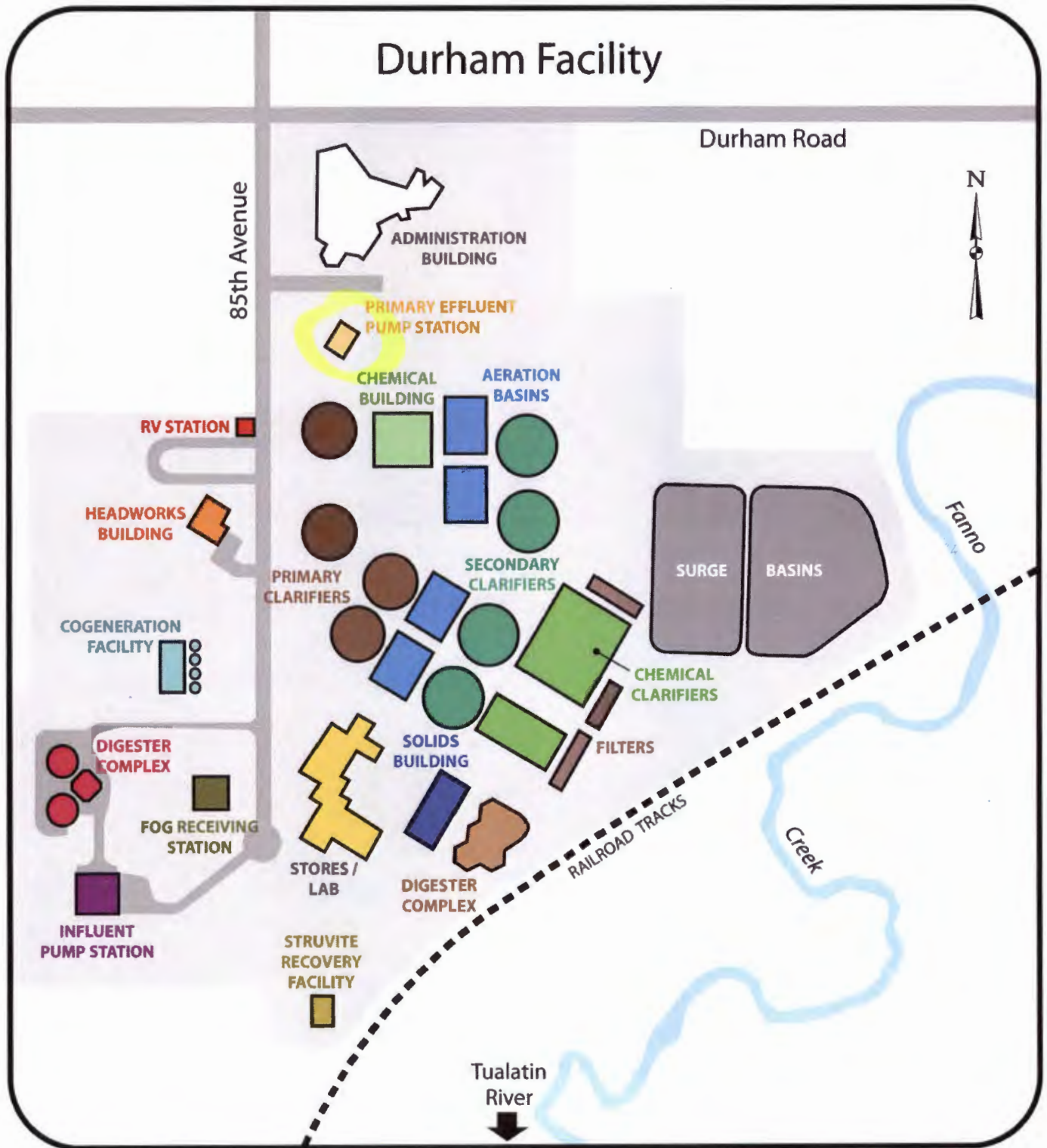
Layers

Bookmarks



- POD
- POU
- Irrigation Districts AOI
- WR By Time





16580 SW 85th Avenue  
Tigard, Oregon 97224  
(503) 547-8150  
cleanwaterservices.org



### Durham Advanced Wastewater Treatment Facility



The Durham Advanced Wastewater Treatment Facility is an award-winning, state-of-the-art facility, serving Washington County residents in Beaverton, Durham, King City, Sherwood, Tigard, and Tualatin, and small portions of southwest Portland and Lake Oswego.

The facility, located in Tigard near Cook Park and Tigard High School, cleans 26 million gallons of wastewater on an average day to some of the highest safety and quality standards in the nation. The cleaned water is returned to Washington County's only river – the Tualatin, actually enhancing the health of the river. Cleaned wastewater is also used for local irrigation, and natural byproducts of the treatment process are converted to electricity, heat, and used as soil amendments at local sites and throughout the state.

In 2009, the first commercial

nutrient recovery facility in the nation was built at Durham through a partnership with Ostara Nutrient Recovery Technologies in Canada. The facility captures 80% of the phosphorus from the wastewater stream and converts it into a premium, slow release fertilizer used on turfs and nurseries throughout the northwest and elsewhere.

The Durham Advanced Wastewater Treatment Facility began operations in 1976 to reverse decades of severe water pollution in the Tualatin River and its tributaries, and to meet the demands of a growing population. The facility centralized a scattered system of 14 inefficient wastewater treatment plants, creating one of the most efficient and advanced facilities in the world.

- Provides a higher level of treatment than 98 percent of the facilities in the nation

- Must meet nearly 1,000 strict permit conditions, including monthly, weekly and daily limits established to protect the Tualatin River
- Serves a growing population of 210,000
- Cleans an average of 26 million gallons of wastewater per day
- Recycles more than 50 million gallons a year of cleaned wastewater for local irrigation
- Recycles more than 14 dry tons of biosolids daily for use as a soil amendment
- Produces up to 500 tons of Crystal Green® fertilizer per year
- Generates more than 4 million kilowatts-hours of power per year by reuse of methane gas, a treatment byproduct (enough to power 330 homes per year)

#### Award-winning Facility

- 2009 – U.S. Green Building Council Leadership in Energy and Environmental Design (LEED) Silver certification for new Influent Pump Station
- 2006 – PNCWA / Oregon Outstanding Reuse Customer Award.
- 2005 - U.S. EPA National Clean Water Act Recognition Award for the best operated and maintained large, advanced treatment facility in the nation.
- 2004 – U.S. EPA Lower Columbia Section Plant of the Year Award.
- National Association of Clean Water Agencies (NACWA) Gold Award for 100% permit compliance 8 times since 1995

16580 SW 85th Avenue  
Tigard, Oregon 97224  
(503) 547-8150  
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