

FEB 08 2018

WATER QUALITY PROGRAM



Notice of Intent (NOI) Application Form

WASHINGTON STATE
DEPARTMENT OF
E C O L O G Y

Aquatic Plant and Algae Management General Permit

Permit Number:

 New Application Updated Application

Bill Permit Fee To:

 Permittee Sponsor

I. Applicant/Permittee

Entity Name: AquaTechnex, LLC.		
Contact Name: Terry McNabb		
Title: Owner/President		
Mailing Address: PO Box 118		
City: Centralia	State: WA	Zip: 98531
Phone Number: (360) 330-0152	E-Mail: tmcnabb@aquatechnex.com	
Cell Number: [None]	UBI: 602190833	

II. Sponsor

Entity Name: Lake Jeane Homeowners		
Sponsor Contact: Patti Ward		
Title: Executive Sponsor		
Mailing Address: 32637 39th Place SW		
City: Federal Way	State: WA	Zip: 98023
Phone Number: (206) 765-7641	E-Mail: pattiward16@yahoo.com	
Cell Number: [None]		
Is the Sponsor Entity a Lake Management District or Other Special Purpose District for the purpose of managing the water body?		
<input type="radio"/> Yes <input checked="" type="radio"/> No		

III. Aquatic Pesticide Applicator

Entity Name	Contact Name	Title	Phone	Cell Phone	E-Mail	UBI Number
AquaTechnex, LLC.	Terry McNabb	Owner/President	(360) 330-0152		tmcnabb@aquatechnex.com	602190833

Applicator Address

Entity Name	Mailing Address	City	State	Zip Code
AquaTechnex, LLC.	PO Box 118	Centralia	WA	98531

IV. Aquatic Pesticide License Information

Entity Name	License Number	License Exp. Date
AquaTechnex, LLC.	7973	December 31, 2018

V. Waterbody

Waterbody General Information

Applicator Name	Waterbody Name	County	Waterbody Type	Latitude	Longitude	Waterbody Size (acres)
AquaTechnex, LLC.	Lake Jeane	King	Lake	47.1839	-122.2254	9.3

Waterbody Impaired (303d listed) Information

Waterbody Name	Impaired for Phosphorus	Impaired for Dissolved Oxygen
Lake Jeane		

Waterbody Additional Information

Waterbody Name	Rare Plants	Fish Hatcheries	Amount of Littoral Zone	Water Rights Holders
Lake Jeane	Ecology and DNR database does not show the presence of any rare plants.	None	8.5	See attached Map showing Water Claims/ Rights Holders

VI. Project

Project General Information

Waterbody Name	GPS Coordinates	Total Littoral Zone	Action Thresholds
Lake Jeane	(47.183812 N/ -122.230321 W), (47.184368/ -122.255096), (47.183579/ -122.225943),	6.375	This project is primarily a "control", however the stakeholders and members of the community recognize the importance of removing as much non-native noxious plant growth as possible, as such any amount of the above noted listed noxious weeds found at any level exceeds action thresholds and needs to be targeted. Given aquatic plants and algae hit nuisance growth

(47.184043/
-122.224871)levels and/or toxic such that beneficial uses are compromised
the threshold will be met to allow appropriate control.**Project Type(s)**

Waterbody Name	Algae Control	Nuisance Weed Control	Noxious Weed Control	Phosphorus Inactivation
Lake Jeane	X	X	X	X

Impact Statements

Waterbody Name	Problem Statement
Lake Jeane	Submersed plants are coontail, common elodea, duckweed, common naiad, curly leaf pondweed, flat-stalked pondweed, grass-leaved pondweed, white-stem pondweed, Richardson's pondweed, thin-leaved pondweed, and sago pondweed. Emergent vegetation: yellow flag iris and cattail. Floating leaf: fragrant water lily. All species annually have the ability to become dense throughout the lake left unmanaged.

Waterbody Name	Plant Removal Impact Statment
Lake Jeane	The goal of this project is to manage invasive and nuisance weeds. Treatment of aquatic plants may increase nutrients available in the water body that could fuel algae blooms. Treatments will take place before they are fully grown to mitigate the amount of nutrients that is released. Planning for Phosphorus inactivation in the water body is also underway. Reduction in available phosphorus in the lake will limit the growth of noxious weeds and algae.

Waterbody Name	Animal Impact Statment
Lake Jeane	Treatment of invasive weeds will allow native plants to re-colonize the areas and provide better habitat for fish and wildlife. Treatments will follow the guidelines specified in the fish and wildlife timing window to minimize disturbance to animal species of concern.

Waterbody Name	Waterbody Use Impact Statment
Lake Jeane	Application of herbicides may involve water use restrictions that can impact swimming, stock watering, domestic use, and irrigation. Lake users will be notified in accordance with the guidelines described in the Aquatic Plant and Algae Management General Permit.

VII. Chemicals Planned for Use

Waterbody Name	Chemical name	Targeted Plants, Algae, or Nutrients
Lake Jeane	Aluminum Sulfate (Alum)	Phosphorus
Lake Jeane	Adjuvant(s)	Typha spp., Iris psuedocoris, Nymphaea odorata
Lake Jeane	Biological water clarifiers	Algae spp.
Lake Jeane	Calcium Hydroxide/Oxide	Algae spp.
Lake Jeane	Diquat dibromide	Potamageton spp., Elodea Canadensis, Ceratophyllum demersum
Lake Jeane	Endothall (mono-salt)	Algae spp.
Lake Jeane	Endothall (dipotassium salt)	Potamageton spp., Elodea canadensis, Ceratophyllum demersum

Lake Jeane	Imazamox	Typha spp., Iris pseudocoris
Lake Jeane	Glyphosate	Typha spp., Iris psuedocoris, Nymphaea odorata
Lake Jeane	Sodium carbonate peroxyhydrate	Algae spp.
Lake Jeane	Triclopyr TEA	Myriophyllum spicatum
Lake Jeane	2,4-D Amine	Myriophyllum spicatum
Lake Jeane	Sodium Aluminate (Alum)	Phosphorus
Lake Jeane	Marker dyes	Typha spp., Iris psuedocoris, Nymphaea odorata

Treatment Timing Windows:

Some active ingredients may only be used within a Treatment Timing Window. The default window for all water bodies is July 15 to October 31 (dates inclusive) unless otherwise specified here:

<http://ecology.wa.gov/Asset-Collections/Doc-Assets/Water-quality/Freshwater/Water-Quality-Permits/Aquatic-Pesticides-Permits/wdfwtimingtable>.

Treatment Timing Windows may be changed if requested by the applicant, and WDFW agrees based on their review of available information.

Waterbody Name	Timing Change Requested	Timing Window
Lake Jeane	No	

Attach a map of the proposed treatment areas on the waterbody.

VIII. Public Notice

Public notice must be published at least once each week, for two consecutive weeks with at least seven days between publications, in a **single** newspaper that has general circulation in the county in which the project is to take place. **The applicant must use the Public Notice Template provided below. The NOI must be submitted to Ecology on or before the date of the first public notice.** Ecology cannot grant permit coverage sooner than **31 days** after the date of the second public notice.

First public notice date: 2/2/2018

Second public notice date: 2/9/2018

Publishing Newspaper: Federal Way Mirror

Public Notice Template

Complete this template using project-specific information and submit to a local newspaper with general circulation within the county where the project is located. The language in **bold** is required and may not be changed, however the applicant may add additional information to the notice.

[Add name of Applicant/Permittee], [Add address of Applicant/Permittee] is seeking coverage under the Washington State Department of Ecology Aquatic Plant and Algae Management NPDES and State Waste Discharge General Permit.

The proposed project applies to the following geographical area: [Describe project area, e.g. property boundareis, government entity jurisdiction, etc.]

The permit allows the discharge of a specific list of pesticides provided permit conditions are met, however the pesticides currently anticipated for use are: [Add list of active ingredients applicant anticipates using.]

If a government entity has made its own SEPA determination, do not include the following sentence in the public notice:

Ecology has made a SEPA determination of significance with the adoption of an existing environmental document for this proposal.

Any person desiring to present their views to Ecology regarding this application may do so in

writing within thirty days of the last date of publication of this notice. Comments should address whether coverage under this permit is appropriate for the proposed project. Comments must be submitted to Ecology. Any person interested in the departments's action on this application may notify the department of their interest within thirty days of the last date of publication of this notice. Comments can be submitted to: Department of Ecology, Water Quality Program, Attn: Aquatic Pesticide Permit Manager, P.O. Box 47600, Olympia, WA 98504-7600.

IX. Sponsor Certification

If treating an individual lot:

I certify that I have the legal authority to administer the area of the waterbody I am having treated for the purposes of aquatic plant and algae management.

If treating multiple lots:

I certify that I represent a legal entity that has authority to administer the common areas of the waterbody, or locations within the waterbody, for the purposes of aquatic plant and algae management.

Entity Name: _____

Formation Date: _____

For all treatment sponsor options: In addition to my certification, based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sponsor Print Name: MEL WARD Date 2-2-18

Sponsor Signature: Mel Ward

X. Applicant Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Unless the Department of Ecology Permit has more stringent requirements, all FIFRA label directions and requirements will be followed."

Applicant Print Name: BRADEN O'NEIL (MANAGER) Date 1/26/2018

Applicant Signature: Braden O'Neil

Sign and return this document to the address below. For questions call (360) 407-6283

Washington Department of Ecology
 Water Quality Program
 Aquatic Pesticides
 PO Box 47600
 Olympia, WA 98504-7600

To ask about the availability of this document in a format for the visually impaired, call the Water Quality Program at (360) 407-6401. Persons with hearing loss may call 711 for Washington Relay Service. Persons with a speech disability may call (877) 833-6341.

Additional Sponsor Certification

For all treatment sponsor options: In addition to my certification, based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sponsor Print Name: Jatti Ward Date 2/2/18

Sponsor Signature: Jatti Ward

Sponsor Print Name: Jana Richardson Date 2-2-18

Sponsor Signature: [Signature]

Sponsor Print Name: Jennifer Cade Date 2/2/18

Sponsor Signature: Jennifer Cade

Sponsor Print Name: Stephen Mandl Date 02/02/18

Sponsor Signature: STEPHEN MANDLE

Sponsor Print Name: ANTHONY Di Loreto Date 02/02/18

Sponsor Signature: Anthony Di Loreto

Sponsor Print Name: DAVID B. KOKOSZ Date 02/02/18

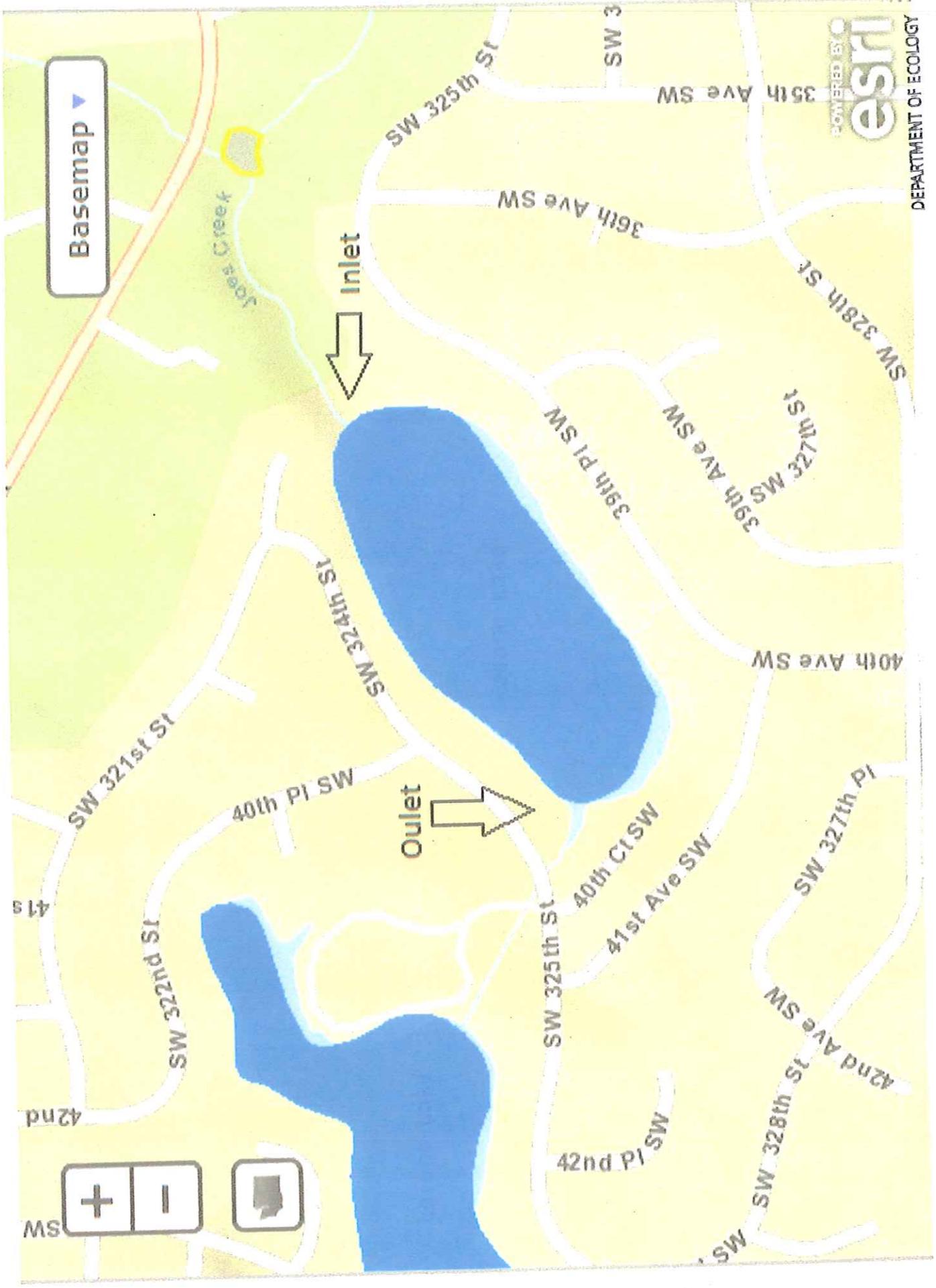
Sponsor Signature: [Signature]

Sponsor Print Name: _____ Date _____

Sponsor Signature: _____

Sponsor Print Name: _____ Date _____

Sponsor Signature: _____



Basemap ▼

Inlet

Outlet

Jones Creek

POWERED BY
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Lake Jeane

Potential Alum/Cyanobacteria
Treatment Area

9.3 Acres



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Lake Jeane

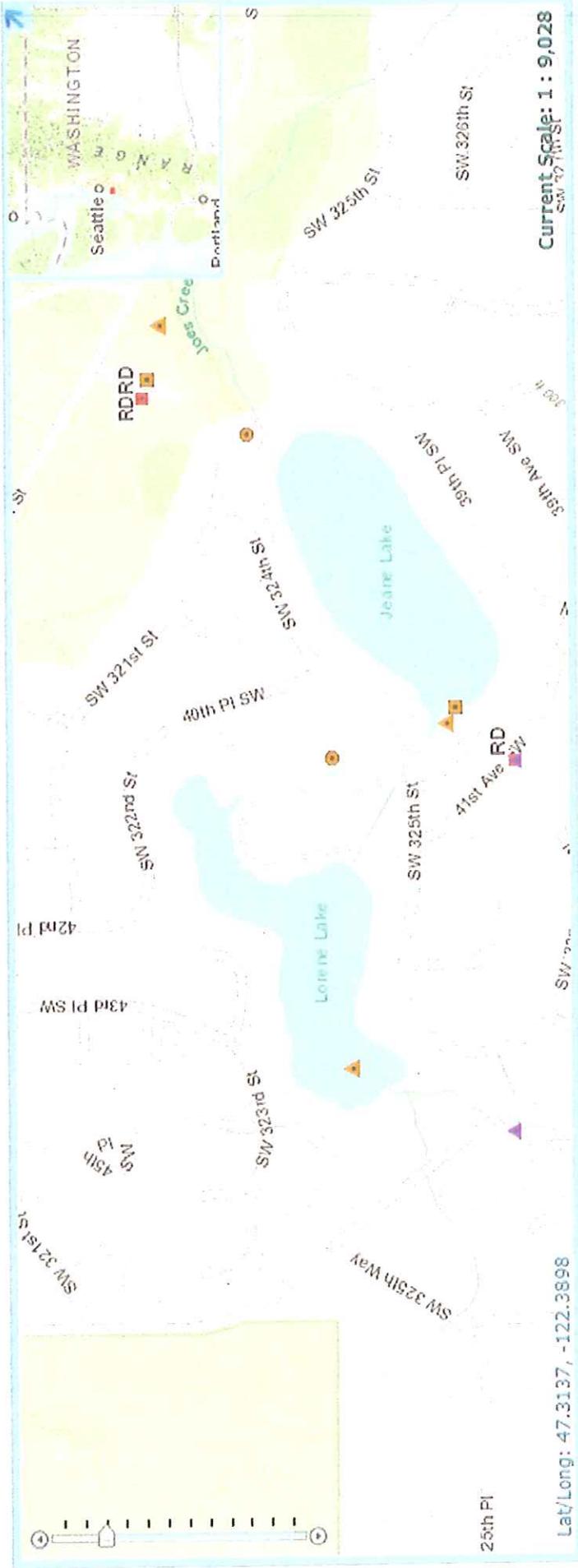
Potential Submerged Treatment Area

6.375 Acres

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Current Scale: 1 : 9,028

Lat/Long: 47.3137, -122.3898

Record No.	Person or Organization	Priority Date	Record Status	Imaged	Metered	Low Flow Provision	Application No.	Permit No.	Certificate No.	Record Type
S1-20012CWRIS	Twin Lakes Golf & Country Club.	03/13/1972	Active	Y	N	N	S1-20012 C	Certificate
S1-00588ALCWRIS	Twin Lakes Golf & Country Club.	07/17/1983	Active	Y	Y	N	18048A	13947A	S1-00588AL C	Certificate
R1-18873CWRIS	Crabtree R. A.	08/31/1981	Active	Y	N	N	18873	00259	08917	Certificate
G1-24531CWRIS	Twin Lakes Golf & Country Club.	08/13/1984	Active	Y	Y	N	G1-24531 C	Certificate
G1-00488CWRIS	Twin Lakes Golf & Country Club.	07/09/1970	Active	Y	Y	N	11049	10903	G1-00488 C	Certificate

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