

May 29, 2014

VIA E-mail and USPS mail

TLLRWDC
Mrs. Leigh Ing
333 Guadalupe Street #3-240
Austin, Texas 78701

Tel (512) 820-2930

Via Email: administration@tllrwdcc.org

Subject: Application for Importation of Non-Party Low-Level Radioactive Waste

Dear Mrs. Ing:

Please find enclosed an application of Philotechnics to import Class A, B or C low level radioactive waste for disposal in the Waste Control Specialists, LLC facility in Andrews, Texas. Philotechnics respectfully requests that the Petition be considered and conditionally approved by the Texas Low-Level Radioactive Waste Compact Commission at its next meeting. Philotechnics understands that the application requires export permits from the Southwest and Central compacts and written authorization from the generator authorizing Philotechnics to act as the Broker for disposal of their radioactive material. Copies of the approved petitions and a copy of the letter from the generator will be submitted as evidence to satisfy the Commission in one additional package per shipment for a maximum of five shipments.

Enclosed with the application you will find the following documents:

- Annex B Term Sheet
- Generator Certification Approval Letter
- Letter of Authority from TX DSHS
- Generator Authorization Letter

The Philotechnics Petition is being sent via-FedEx and or through certified mail to the following three organizations:

Texas Low Level Radioactive Waste Disposal Compact Commission
333 Guadalupe St. #3-240
Austin, Texas 78701
Email: administration@tllrwdcc.org

Texas Commission on Environmental Quality
Bobby Janecka Radioactive Materials Licensing Section Manager
Radioactive Materials Division
12100 Park 35 Circle, Bldg F Office #1306A
Austin, TX 78753
Email: Bobby.Janecka@tceq.texas.gov

Compact Facility operator- Waste Control Specialists LLC Waste Control Specialists LLC
WCS Import Notification Mailstop
Three Lincoln Centre
Attn: Vickie Watson
5430 LBJ Freeway, Suite 1700
Dallas, TX 75240
Email: DL_WCS_Importation@wctexas.com

Please confirm receipt. We would be pleased to provide you with any further information upon your request if you or the Commission needs more information in order to act upon the Petition. Please contact me if there are any questions.

Respectfully submitted,



Elizabeth Broda
Brokerage Manager

attachments:

Annex B Term Sheet
Generator Certification Approval Letter
Letter of Authority from TX DSHS

ANNEX A

TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL
COMPACT COMMISSION

APPLICATION FOR IMPORTATION OF NONPARTY LOW-LEVEL RADIOACTIVE WASTE

(NOTE: PURSUANT TO TEXAS HEALTH AND SAFETY CODE, §401.207(j), THIS APPLICATION MUST BE COMPLETED BY APPROPRIATE REPRESENTATIVES OF THE DEPARTMENT OF DEFENSE OR THE GENERATOR OF THE WASTE UNLESS THE GENERATOR IS A SMALL GENERATOR AS DEFINED IN 31 TAC §675.23(o), IN WHICH CASE THE APPLICATION MAY BE SUBMITTED BY AN APPROPRIATELY LICENSED BROKER)

1. Applicant Information:

Entity Name	<u>Philotechnics,Ltd.</u>
Contact Person	<u>Elizabeth Broda</u>
Phone	<u>(865) 285-3004</u>
Email	<u>ebroda@philotechnics.com</u>
Website address	<u>http://www.philotechnics.com</u>
Business Address	<u>201 Renovare Blvd.</u>
	<u>Oak Ridge, TN 37830</u>
Mailing Address	<u>201 Renovare Blvd.</u>
	<u>Oak Ridge, TN 37830</u>

Is Applicant:

- Generator
- A Broker who is a:
 - Licensed Waste Processor
 - Licensed Waste Collector
- Department of Defense

Notes:

(1) An appropriately licensed Broker may act on behalf of a Small Generator only if each such generator is identified and written authorization from each such generator is provided as an attachment hereto.

(2) While Department of Defense Regulation 4715.6-R designates the Department of the Army as Executive Agent for disposal of low-level radioactive waste, the Commission will require that any agreement that it enters into in this regard be signed by both the Department of the Army as Executive Agent and the branch of the military that has generated the waste.

Generator Type: Industrial
 Academic/Research
 Medical
 Utility
 Government

Is Applicant the entity responsible for the waste shipment? yes no

If no, please include the name and contact information for the entity responsible for the waste shipment.

Is Waste from a "Small Generator"? yes no

2. Term/Duration from Date of Approval: August 31, 2015

3. Waste proposed for importation.

Waste Volume (Cubic Feet) 400 cubic feet

Waste Radioactivity in Curies 800 mCi

Place of origination (State) of waste: MA, CA, IL, IN, OH, NY, AZ, OK, AR, LA, MS, AL, GA, FL, NC, VA, TN, KY, WV, MD, PA, RI, WI, MI, IA, NE, SD, ND, KS, MO, NH, DE, MN, TX, VT

Waste description:

Solid material: DAW, metal, debris, electron tubes, radium dials, check sources

Waste classification (Class A, Class B, or Class C): Class A, B or C

Waste form: stable unstable

Does waste contain any of the following radionuclides, check box(es) and complete blank(s):

C-14 25 _____ millicuries (mCi)

Tc-99 50 _____ microcuries (uCi)

I-129 5000 _____ nanocuries (nCi)

Depleted Uranium 10 _____ microcuries (uCi)

Concentration _____ (provide units)

Source of generation

Medical, pharmaceutical, education, laboratory, research and development

4. Is the proposed waste a sealed source?

No. Yes. Please explain: _____

5. Does Broker and/or Generator(s) have any unresolved violation(s), complaint(s), unpaid fee(s), or past due report(s) with the Texas Low-Level Radioactive Waste Disposal Compact Commission?

No Yes. Please explain: _____

6. Does Broker and/or Generator(s) have any unresolved violation(s), complaint(s), unpaid fee(s), or past due report(s) pending with any other regulatory agency with jurisdiction to regulate radioactive material including, without limitation, the Texas Commission on Environmental Quality (TCEQ)?

No Yes. Please explain: _____

7. **Certifications.** Applicant hereby certifies the following.


- a. The information provided herein is complete, accurate and correct.
- b. The low-level radioactive waste for which this Application is submitted will be packaged and shipped in accordance with applicable state and federal regulations and is acceptable for disposal at the Compact Facility.
- c. The person submitting this Application is authorized by Applicant to commit Applicant to each and every obligation and condition set forth herein and in the

- c. The person submitting this Application is authorized by Applicant to commit Applicant to each and every obligation and condition set forth herein and in the Agreement for Importation of Nonparty Compact Waste. A copy of a written document containing such authorization must be attached to this Application.
- d. Applicant has delivered to the Compact Facility operator and TCEQ a copy of this Application and the Agreement for Importation of Nonparty Compact Waste (along with any supplements or amendment thereto).

8. **Authorized Signatory:**

William H. Button

Print or type name



Signature

President

Title

May 27, 2014

Date

ATTACHMENTS:

Annex B Term Sheet

Generator Certification Approval Letter

Letter of Authority from Texas DSHS

**TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL
COMPACT COMMISSION**

**ANNEX B
Term SHEET**

**Agreement for Importation of Nonparty Low-Level Radioactive Waste
into Texas Low-Level Radioactive Waste Disposal Compact for Disposal**

This Agreement for Importation of Nonparty Low-Level Radioactive Waste (“Agreement”) is dated May 27, 2014, by and between [Generator] (“Generator”) and the Texas Low-Level Radioactive Waste Disposal Compact Commission (“Commission”) (collectively the “Parties”).

I. RECITALS

WHEREAS Texas is the host state for the Texas Low-Level Radioactive Waste Disposal Compact (“Compact”), which requires the state to develop a facility for the disposal of low-level radioactive waste generated within the Compact’s party states; and

WHEREAS in compliance with the Compact and with state law, the Texas Commission on Environmental Quality (“TCEQ”) issued a license to Waste Control Specialists LLC (“Compact Facility Operator”) to construct and operate a Compact Waste Disposal Facility (“Compact Facility”) in Andrews County, Texas for the disposal of low-level radioactive waste for the Compact; and

WHEREAS the Texas Legislature has authorized the Compact Facility Operator to accept for disposal at the Compact Facility low-level radioactive waste from waste generators located outside of the Compact party states in accordance with the Compact Facility license and to the extent the acceptance of such imported waste does not diminish the disposal volume or curie capacity available to Compact party states; and

WHEREAS Chapter 403, Section 3.05(6) of the Texas Health and Safety Code authorizes the Commission to enter into an agreement with any person, state, regional body, or group of states for the importation of low-level radioactive waste into the Compact for management or disposal, provided that the agreement receives a majority vote of the Commission; and

WHEREAS the Texas Legislature has established additional terms and conditions in Chapter 401 of the Texas Health & Safety Code that if satisfied ensure that the importation of low-level radioactive waste will be in the State’s public interest; and

WHEREAS Generator has filed an Application for Importation of Nonparty Low-Level Radioactive Waste (“Application”) with the Commission; and

WHEREAS the Commission has processed and considered Generator's Application in accordance with applicable requirements, and a majority of the members of the Commission approved the Application and voted to enter into this Agreement; and

WHEREAS in voting to approve Generator's Application and to enter into this Agreement, the Commission considered all relevant statutory and regulatory considerations, including, but not limited to: (a) the volume, type, physical form, and total activity (radionuclide-specific activity, if needed) of the waste proposed for importation as identified in the Application; (b) the policy and purpose of the Compact; (c) the existence of unresolved violations pending against Generator with any other regulatory agency with jurisdiction to regulate radioactive material, and any comments by the regulatory agency with which Generator has unresolved violations; (d) any unresolved violation, complaint, unpaid fee, or past due report that Generator has with the Commission; (e) whether, by acceptance of this waste for disposal, the Compact Facility will remain below the applicable annual and total volume and curie capacity disposal limits set forth in Sections 401.207(e), (e-1) (if applicable), and (f)(1) of the Texas Health and Safety Code; and (f) other factors that the Commission has deemed relevant to carry out the policy and purpose of the Compact and Chapters 401 and 403 of the Texas Health and Safety Code.

II. Representations and Acknowledgements

WHEREAS The Generator represents and acknowledges the following:

- A. The generator has disclosed in its Application for Importation the existence of unresolved violations pending against the applicant with any other regulatory agency with jurisdiction to regulate radioactive material.
- B. The generator has disclosed in its Application for Importation the existence of any unresolved violation(s), complaint(s), unpaid fee(s), or past due report(s) that the applicant has with the Commission.
- C. The generator has disclosed in its Application for Importation the existence of any unresolved violation(s), complaint(s), unpaid fee(s), or past due reports that the applicant has with any other regulatory body, including, without limitation, the TCEQ.
- D. The generator acknowledges that a misrepresentation with respect to an item listed in A, B, or C may result in the cancellation of the agreement.
- E. The generator acknowledges the obligation to report immediately to the Commission any allegation of the violation of any law, rule or regulation related to the storage, shipment or treatment of any form of radioactive material.
- F. The generator acknowledges the right of the Commission to audit or cause to be audited compliance with the agreement.
- G. The generator affirms that no waste of international origin shall ever be included in the materials to be imported to the Compact facility.

III. AGREEMENT

NOW, THEREFORE, in the exercise of its authority under Chapter 403 of the Texas Health and Safety Code, the Commission hereby authorizes the importation of Generator's nonparty low-level radioactive waste, in the form and amounts described below ("Generator's Nonparty Compact Waste"), subject to the following terms and conditions.

- A. This Agreement shall remain in effect from May 27, 2014 through August 31, 2015 unless amended by agreement of the Parties, or revoked by the Commission prior to importation.
- B. Generator agrees to comply with Chapter 403, Section 8.03 of the Texas Health and Safety Code and shall be liable for its own acts, omissions, conduct, and relationships in accordance with applicable law.
- C. The Commission may, on its own motion or in response to a petition by the Generator for amendment of this Agreement for which prior written notice has been given to Generator and the Compact Facility Operator, revoke this Agreement, or add or delete requirements or limitations to this Agreement, provided that the Commission provides a reasonable time to allow the Generator and the Compact Facility Operator to make the changes necessary to comply with any additional requirements imposed by the Commission.
- D. This Agreement is not assignable or transferable to any other person.
- E. This Agreement is subject to receipt by the Compact Facility Operator of written certification from the TCEQ, prior to the acceptance of Generator's Nonparty Compact Waste, that the waste to be imported is authorized for disposal under the Compact Facility licensee.
- F. The applicant agrees to comply to the extent applicable with the rules related to commingling adopted by TCEQ in coordination with the Commission pursuant to Section 401.207(k), Texas Health and Safety Code
- G. The waste is described below:

Waste Volume (Cubic Feet): 400 cubic feet

Waste Radioactivity in Curies: 0.800 Ci

Place of origination (State) of waste: MA, CA, IL, IN, OH, NY, AZ, OK, AR, LA, MS, AL, GA, FL, NC, VA, TN, KY, WV, MD, PA, RI, WI, MI, IA, NE, SD, ND, KS, MO, NH, DE, MN, MA, TX, VT

Waste description: Solid material: DAW, metal, debris, electron tubes, radium dials, check sources

Waste classification (Class A, Class B, or Class C): Class A, B or C

Waste form

Stable

Unstable

Does waste contain any of the following radionuclides, check box(es) and complete blank(s):

<input checked="" type="checkbox"/>	C-14	25	millicuries (mCi)
<input checked="" type="checkbox"/>	Tc-99	50	microcuries (uCi)
<input checked="" type="checkbox"/>	I-129	5000	nanocuries (nCi)
<input checked="" type="checkbox"/>	Depleted Uranium	10	microcuries (uCi)
<input type="checkbox"/>	Concentration		(provide units)
<input checked="" type="checkbox"/>	Source of generation	<u>Medical, pharmaceutical, educational, laboratory,</u> <u>research and development</u>	

[GENERATOR]

BY: William H. Button

Name *William H. Button*

President

Title

TEXAS LOW-LEVEL RADIOACTIVE WASTE DISPOSAL COMPACT COMMISSION

BY: _____

Name

Title



DuPont Engineering

DuPont Engineering
6324 Fairview Road
Charlotte, NC 28210
Tel. (704) 362-6630
Fax (704) 362-6636

September 27, 2012

Philotechnics, Ltd.
201 Renovare Blvd.
Oak Ridge, TN 37830

**RE: E. I. du Pont de Nemours and Company
Letter of Authorization to Philotechnics, Ltd. For Waste Handling
To Waste Control Specialists, Texas**

To Whom It May Concern:

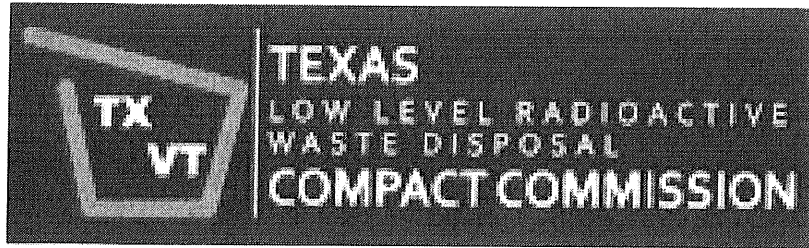
E. I. du Pont de Nemours and Company ("DuPont") is a generator of Low Level Radioactive Waste (LLRW) that currently possesses four containers (47 ft.³) of debris waste as fully represented in the Generator Waste Profile. DuPont is requesting that Philotechnics package, label, manifest and transport this waste under all local, state, and federal guidelines to Waste Control Specialists ("WCS") in Texas. This letter is an official authorization to allow Philotechnics, Ltd. to perform these services on behalf of DuPont per the requirements specified in the attached "Application for Importation of Nonparty Low-Level Radioactive Waste."

The waste will be packaged and transported in accordance with the requirements of 49 CFR Parts 100-185 and will satisfy all requirements of Waste Control Specialists' Waste Acceptance Criteria (WAC).

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen H. Shoemaker".

Stephen H. Shoemaker
Remediation Team Manager
DuPont Corporate Remediation Group



GENERATOR AUTHORIZATION

DATE: 5/29/2014

NAME OF ORIGINAL GENERATOR:
Bureau of Radiation Protection

Pennsylvania

Authorizes

NAME OF BROKER/PROCESSOR: Philotechnics, Ltd.

to be our Broker and/or Processor for disposal of our radioactive material and/or sealed sources into the State of Texas Compact Disposal Facility in Andrews, Texas, operated by Waste Control Specialists, LLC. By signing this Generator Authorization, the Generator is also verifying that there is no waste of international origin contained in this shipment.

NAME OF AUTHORIZED
ORIGINAL GENERATOR
REPRESENTATIVE:

DAVID J. ALLARO

(PRINT NAME)

TITLE:

DIRECTOR

(PRINT TITLE)

PA DEP - BRP

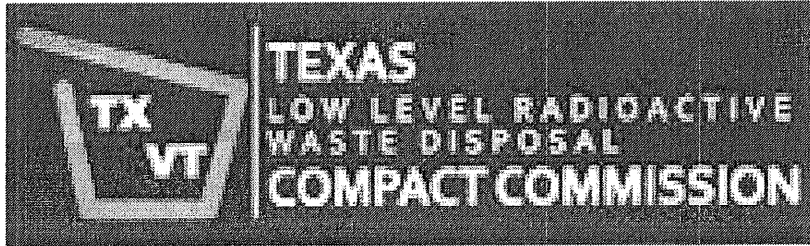
MAILING ADDRESS:

400 Market St

Harrisburg, PA 17101

A handwritten signature in black ink, appearing to read 'David J. Allaro', written over a horizontal line.

SIGNATURE:



GENERATOR AUTHORIZATION

DATE: 5/29/2014

NAME OF ORIGINAL GENERATOR: Stanford Univeristy

Authorizes

NAME OF BROKER/PROCESSOR: Philotechnics, Ltd.

to be our Broker and/or Processor for disposal of our radioactive material and/or sealed sources into the State of Texas Compact Disposal Facility in Andrews, Texas, operated by Waste Control Specialists, LLC. By signing this Generator Authorization, the Generator is also verifying that there is no waste of international origin contained in this shipment.

NAME OF AUTHORIZED
ORIGINAL GENERATOR
REPRESENTATIVE:

LANCE J. PHILLIPS

(PRINT NAME)

TITLE:

RSO

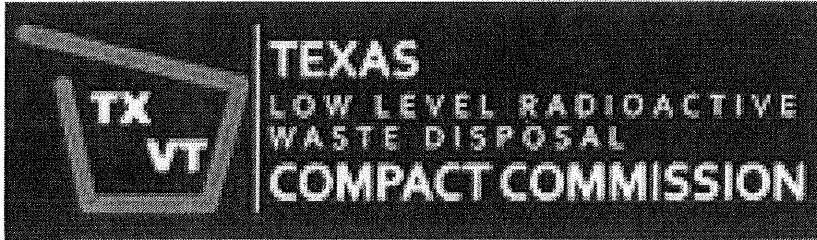
(PRINT TITLE)

MAILING ADDRESS: 480 Oak Rd

Stanford, CA 94305

SIGNATURE:

A handwritten signature in black ink, appearing to read 'Lance J. Phillips', written over a horizontal line.



GENERATOR AUTHORIZATION

DATE: 5/27/2014

NAME OF ORIGINAL GENERATOR: R.M. Wester & Associates, Inc.

Authorizes

NAME OF BROKER/PROCESSOR: Philotechnics, Ltd.

to be our Broker and/or Processor for disposal of our radioactive material and/or sealed sources into the State of Texas Compact Disposal Facility in Andrews, Texas, operated by Waste Control Specialists, LLC. By signing this Generator Authorization, the Generator is also verifying that there is no waste of international origin contained in this shipment.

NAME OF AUTHORIZED
ORIGINAL GENERATOR
REPRESENTATIVE:

Joseph D Koch, PhD

(PRINT NAME)

TITLE:

Director of Operations

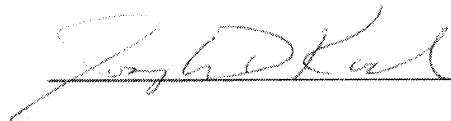
(PRINT TITLE)

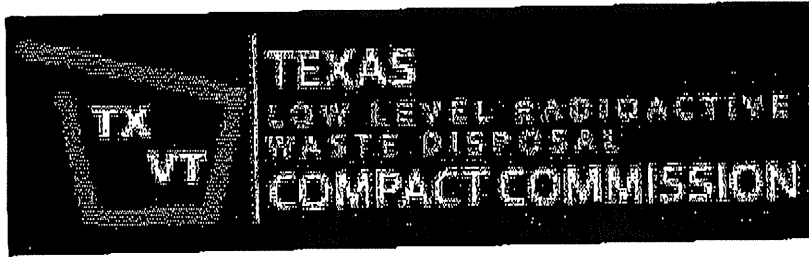
MAILING ADDRESS:

215 Indacom Dr.

St. Peters, MO 63376

SIGNATURE:





GENERATOR AUTHORIZATION

DATE: 5/29/2014

NAME OF ORIGINAL GENERATOR: University of Connecticut Health Center

Authorizes

NAME OF BROKER/PROCESSOR: Philotechnics, Ltd.

to be our Broker and/or Processor for disposal of our radioactive material and/or sealed sources into the State of Texas Compact Disposal Facility in Andrews, Texas, operated by Waste Control Specialists, LLC. By signing this Generator Authorization, the Generator is also verifying that there is no waste of international origin contained in this shipment.

NAME OF AUTHORIZED ORIGINAL GENERATOR REPRESENTATIVE:

Jim Fomenko

(PRINT NAME)

TITLE:

Asst. RSO

(PRINT TITLE)

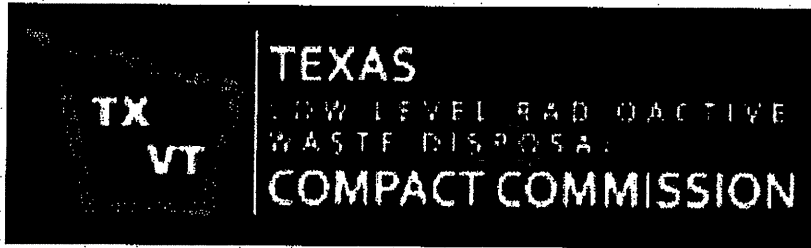
MAILING ADDRESS:

263 Farmington Ave.

Farmington, CT 06030

SIGNATURE:

Jim Fomenko



GENERATOR AUTHORIZATION

DATE: 5/29/2014

NAME OF ORIGINAL GENERATOR: St. Olaf College

Authorizes

NAME OF BROKER/PROCESSOR: Philotechnics, Ltd.

to be our Broker and/or Processor for disposal of our radioactive material and/or sealed sources into the State of Texas Compact Disposal Facility in Andrews, Texas, operated by Waste Control Specialists, LLC. By signing this Generator Authorization, the Generator is also verifying that there is no waste of international origin contained in this shipment.

NAME OF AUTHORIZED
ORIGINAL GENERATOR
REPRESENTATIVE:

Patrick A. Ceas

(PRINT NAME)

TITLE:

Chemical Hygiene Officer

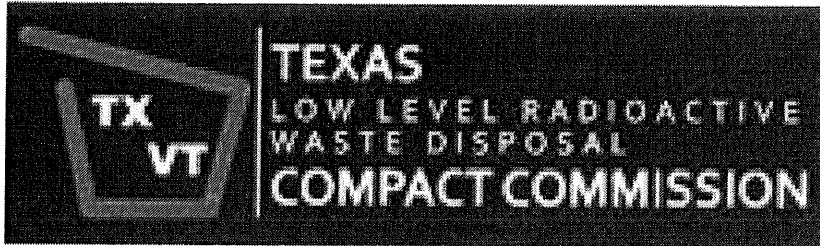
(PRINT TITLE)

MAILING ADDRESS: 1520 St. Olaf Ave.

Regents Hall of Natural Sciences
Northfield, MN 55957

SIGNATURE:

Patrick A. Ceas



GENERATOR AUTHORIZATION

DATE: 5/29/2014

NAME OF ORIGINAL GENERATOR: 3M Company

Authorizes

NAME OF BROKER/PROCESSOR: Philotechnics, Ltd.

to be our Broker and/or Processor for disposal of our radioactive material and/or sealed sources into the State of Texas Compact Disposal Facility in Andrews, Texas, operated by Waste Control Specialists, LLC. By signing this Generator Authorization, the Generator is also verifying that there is no waste of international origin contained in this shipment.

NAME OF AUTHORIZED
ORIGINAL GENERATOR
REPRESENTATIVE:

John A. Bauhs

(PRINT NAME)

TITLE:

Advanced Health Physics Specialist

(PRINT TITLE)

MAILING ADDRESS:

3M Center

Conway Avenue & 14th Street, Bldg 260 Dock

St. Paul, MN 55144-1000

SIGNATURE:

John A Bauhs