



**Box 2A**

YES NO

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?

 YES  NO

**If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.**

9. Are the assumptions in the Qualitative Exposure Assessment still valid?  
(The Qualitative Exposure Assessment must be certified every five years)

 YES  NO

**If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.**

SITE NO. C152196

**Box 3****Description of Institutional Controls**Parcel

179-04.00-114

Owner

Mr. Fred Alongi and Sherry L. Alongi

Institutional Control

Ground Water Use Restriction  
Landuse Restriction  
Site Management Plan

IC/EC Plan  
Monitoring Plan  
O&M Plan

Institutional Control. Imposition of an institutional control in the form of an environmental easement for the controlled property that:

- requires the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allows the use and development of the controlled property for commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH;
- prohibits agriculture or vegetable gardens on the controlled property; and
- requires compliance with the Department approved Site Management Plan.

**Box 4****Description of Engineering Controls**Parcel

179-04.00-114

Engineering Control

Cover System

Cover System: The property is currently concrete-paved and is occupied by an 8,000 square foot single story building that was constructed in 1971. This cover will stay in place, however, if modified; a site cover will be installed to allow for commercial use of the site. The site cover will consist either of the structures such as buildings, pavement, sidewalks comprising the site development or a soil cover in areas where exposed surface soil exceeds the commercial use soil cleanup objectives (SCOs). Where the soil cover is required it will be a minimum of one foot of soil, meeting the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d). The soil cover will be placed over a demarcation layer. The excavation will be backfilled with soil meeting the backfill material requirements for commercial use as set forth in 6 NYCRR Part 375-6.7(d) with the upper six inches of the soil of sufficient quality to maintain a vegetative layer.

Mitigation System: A sub-slab depressurization system (SSDS) has been installed in the current structure on the site to prevent exposure to site related contaminants which resulted from soil vapor intrusion. The mitigation system eliminates any potential exposures by preventing contaminated soil vapor from entering the on-site building. It extracts sub-slab vapors, and actively vent to the outside air. Communication testing has been performed to verify that the radius of influence of the system provides adequate venting for all on-site structures. A passive SSDS was installed at the site by the applicant in April 2009 in an effort to mitigate any soil vapors. The system was installed "at risk" and

Parcel

Engineering Control

without the oversight of the Department. The SSDS was subsequently upgraded to an active system and a system communication test was performed. The results of this testing indicates that the system is effectively mitigating the potential of exposure to site related contaminants which result from soil vapor intrusion. The system is currently being periodically inspected to ensure it is performing effectively.

In accordance with the approved Mitigation System Shut Down work plan, the SSDS was shut down on May 12, 2016 in preparation for the anticipated sampling event, which occurred on June 30, 2016. The SSDS was immediately turned back on and operational once sampling was completed.

Epoxy Floor: An application of an epoxy floor covering has been applied to the building's concrete slab.

**Box 5**

**Periodic Review Report (PRR) Certification Statements**

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

**A Corrective Measures Work Plan must be submitted along with this form to address these issues.**

N/A

\_\_\_\_\_  
Signature of Owner, Remedial Party or Designated Representative

\_\_\_\_\_  
Date

IC CERTIFICATIONS  
SITE NO. C152196

Box 6

**SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE**

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Fred Alongi at Tuttle Roofing 71-73 Cleveland Ave, Bay Shore, NY  
print name print business address

Owner  
am certifying as \_\_\_\_\_ (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Fred Alongi  
Signature of Owner, Remedial Party, or Designated Representative  
Rendering Certification

4/11/23  
Date

EC CERTIFICATIONS

Box 7

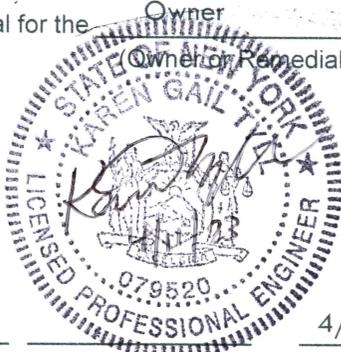
Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I, Karen Tyll, PE at Tyll Engineering and Consulting, PC  
169 Commack Road, Suite H173, Commack, NY 11725  
print name print business address

I am certifying as a Qualified Environmental Professional for the Owner  
(Owner or Remedial Party)

  
Signature of Qualified Environmental Professional, for  
the Owner or Remedial Party, Rendering Certification

  
Stamp  
(Required for PE)

4/11/23  
Date