Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.

50 Century Hill Drive, Latham, NY 12110 518.786.7400 FAX 518.786.7299 www.ctmale.com



May 13, 2019

Mr. Michael McLean, P.E. Division of Environmental Remediation NYSDEC Region 5 Ray Brook Headquarters PO Box 296 1115 State Route 86 Ray Brook, New York 12977-0296

Re: 2018 Annual Site Inspection Report Durkee Street Site (#E-510020) City of Plattsburgh, Clinton County, NY Reporting Period: February 13, 2018 to February 13, 2019 C.T. Male Project No. 14.4705

Dear Mike:

On behalf of the City of Plattsburgh, C.T. Male Associates Engineering, Surveying, Architecture & Landscape Architecture, D.P.C. (C.T. Male) presents the 2018 Annual Site Inspection Report for the Durkee Street site in Plattsburgh, New York in accordance with NYSDEC approved Site Management Plan (SMP) dated August 2007. C.T. Male completed a site-wide visit on April 19 to observe the integrity of the cover system within Operable Units 1 and 2 (OU#1 and OU#2), and observe the sub slab depressurization system (SSDS) within the office building within OU#1

Annual SMP monitoring typically includes groundwater sampling and analysis. As a result of a stable/downward trend of contaminant concentrations, NYSDEC allowed the groundwater sampling and analysis to be discontinued after the completion of sampling in July 2018. NYSDEC required that the monitoring wells be properly abandoned. Therefore, C.T. Male has solicited a proposal from a drilling contractor to properly abandon all the site groundwater monitoring wells. This proposal, when received, will be presented to the City of Plattsburgh. With the City's review/approval, the work will be completed. When this activity is completed, a summary report will be provided to NYSDEC to document they have been abandoned.

### Sub Slab Depressurization System

The Sub-Slab Depressurization System (SSDS) was designed Rabideau Architects. The plan entitled: "First Floor Venting", Sheet No. A-1.1, as prepared by Rabideau Architects and dated May 24, 2005 is presented in Appendix A. This plan was

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developed for the SSDS installed for office building structure within Operable Unit #1 of the site.

On April 19, 2019, the external components of the SSDS system were observed within the building. The blower was operating at the time of our site visit. The exposed concrete floors within the building appeared to be in good to very good condition with sporadic thin cracking in the concrete floor. The SSDS exhaust port is located on the northern exterior wall of the building and appears to be free of obstruction. Pictures of the exposed SSDS within the building, the exposed concrete floor and SSDS exterior exhaust are presented in Appendix B.

## Annual Monitoring of the Surface Cover System

On April 19, 2019, the site was traversed on foot to observe the condition and adequacy of the site's surface cover system (i.e., barrier to contact with existing soil). The southern 1/3 of the site (a.k.a. OU#1) is covered with buildings with localized asphalt pavement and landscape areas. The northern 2/3 of the site (a.k.a OU#2) is covered with asphalt pavement with localized landscape areas and a pavilion. Generalized observations relative to the surface cover system are as follows:

- The patched previous frost heave and/or tree root crack located at the northeastern corner of the farmer's market pavilion has evidence of minimal cracking of the new pavement. No exposed subbase or soil is present at the area of the crack.
- Several minor depressions were noted in the northern area of OU2. These depressions are believed to be settling over time due to parked vehicles. No exposed subbase or soil is present at the depressions.
- There was reported disturbance to localized areas of the parking lot from geotechnical drilling activities for future site development of the site, however, with cars parked over these areas, the quality of the pavement patch is uncertain.
- Minor surface cracks were observed within the asphalt areas throughout the parking lot. These cracks appeared to be surficial and no soil was observed within the cracks.

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Otherwise, the paved areas appeared to be in good condition with no areas observed where underlying subbase or soil was exposed. The surface vegetation was stable consisting mainly of mulch and grass covered or decorative stone landscape islands within and surrounding the asphalt paved parking lot. There were no significant unvegetated areas, erosion, animal holes, or other surface disturbances or areas of typical pavement deterioration observed. Photographs taken during the site visit are presented in Appendix B. A general summary of surface cover observations is shown on an edited site survey in Appendix C.

Along the embankment of the Saranac River, surface cover was not installed down to the water's edge. There is exposed soil along this embankment and evidence of erosion, but in similar condition as previous site visits. This embankment is under the general control of NYSDEC from coal tar contaminated sediments remediation. There is signage on-site to this effect.

### **Conclusions and Recommendations**

As documented in this annual report, the following actions are recommended that the City should focus on completing as soon as practical.

- Recommend sealing any cracks starting in the concrete floor of the office building.
- Monitor the surface cover for degradation and fix any damage that exposes site soils, and promptly repair.
- Properly abandon all the existing monitoring wells by over-drilling the well materials and tremie grouting from the bottom of the well to the surface.

### **Certification**

I, Jeffrey A. Marx, PE, certify that I am currently a NYS registered professional engineer and that the institutional controls put in place, pursuant to the DEC approved SMP are still in place, have not been altered and are still effective; and that the remedy and protective cover have been maintained throughout the 2018 calendar year.

Also enclosed is the NYSDEC Institutional and Engineering Controls Certification Form in Appendix D

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If you have any questions, please contact me at (518) 786-7548 or j.marx@ctmale.com.

Sincerely, C.T. MALE ASSOCIATES

Jeffry A. Marp

Jeffrey A. Marx, P.E. Project Environmental Engineer

Att. Appendix A: SSDS Plan Appendix B: Site Photographs Appendix C: Site Survey Map (edited with surface cover observations) Appendix D: IC/EC Certification Form





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# Legend:

No.

0	Found property evidence (as described)
c	Computed corner
\$\$	Fire hydrant
S	Sanitary manhole
¢	Lamp post
J J	Utility pole
Ø	Drainage manhole
E	Electrical manhole
<u> </u>	Sign post
	Catch basin
P.O.B.	Point of Begining
	<ul> <li>Property line</li> </ul>
	<ul> <li>Adjoiner property line</li> </ul>
-00	<ul> <li>Fence line</li> </ul>
110	<ul> <li>Existing contour</li> </ul>

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ING ICE	DESCRIPTION	STATUS ON PLAT
PAGE 349	15' WIDE UTILITY EASEMENT GRANTED TO CITY OF PLATTSBURGH, MUNICIPAL LIGHTING DEPARTMENT	UNABLE TO PLOT
PAGE 351	15' WIDE UTILITY EASEMENT GRANTED TO CITY OF PLATTSBURGH, MUNICIPAL LIGHTING DEPARTMENT	UNABLE TO PLOT
1998-101258	UTILITY EASEMENT GRANTED TO NEW YORK TELEPHONE COMPANY	DOES NOT AFFECT
2006-000029	AMENDMENTS AND TERMS	UNABLE TO PLOT
2006-200534	AFFIDAVIT TERMINATING LEASE	UNABLE TO PLOT
2006-200533	LEASE FROM CITY OF PLATTSBURGH AND ICV-NEW YORK, LLC	UNABLE TO PLOT
2006-200535	LEASEHOLD MORTGAGE FROM ICV-NEW YORK, LLC TO TD BANKNORTH	UNABLE TO PLOT
ITY CLERK	CORPORATE RESOLUTION FROM THE CITY OF PLATTSBURGH AUTHORIZING ENVIRONMENTAL EASEMENT	UNABLE TO PLOT

# ROBERT M. SUTHERLAND P.C. ENGINEERS - PLANNERS - SURVEYORS SOIL & MATERIAL TESTING 1 MACDONOUGH STREET, PLATTSBURGH, NY 12901 518.561.6145(PH) 518.561.2496 (Fx) RMSPC.COM

Revision/Issue

Date

Project Name & Addres	5	
SUR	VEY MAP	
OF CERTA	AIN LANDS OF	
CITY OF P	LATTSBURGH	
SH	OWING	
ENVIRONMEN	TAL FASEMENT	
~ 3	Situate ~	
Tax Map Parcel 207.14-3-4.21		
Tay Man Ba	and	
154 Pro	spect Avenue	
City of	Plattsburgh	
Clinton County	State of New York	
	State of New Fork	
Provent #		
10232	Sheet	

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Checked

JFB

11/09/2010

1" = 40'

AJD

Scale

Drawr



### Enclosure 2 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form



Sit	Site Details	Box 1	
Sit	e Name, Plattsburgh Gateway Project/ Durkee St		
Site Cit Co Site	e Address: 14 Durkee Street Zip Code: 12901 y/Town: Plattsburgh unty: Clinton e Acreage: 5.110		
Re	porting Period: February 13, 2018 to February 13, 2019		
		YES	NO
1.	Is the information above correct?	Х	
	If NO, include handwritten above or on a separate sheet.		
2.	Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		Х
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		X
4.	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		X
	If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5.	Is the site currently undergoing development?		X
		Box 2	
		YES	NO
6.	Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	X	
7.	Are all ICs/ECs in place and functioning as designed?	X	
	IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below a DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.	nd	
AC	Corrective Measures Work Plan must be submitted along with this form to address th	iese iss	ues.
	Not Applicable		
Sig	nature of Owner, Remedial Party or Designated Representative Date Date		

SITE NO. E510020		Box 3
Description of I	Institutional Controls	
Parcel 207 20 7 15 1	Owner	Institutional Control
207.20.7.15.1		Ground Water Use Restriction Landuse Restriction Site Management Plan Monitoring Plan O&M Plan IC/EC Plan
		Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan
		Soil Management Plan
		Box 4
Description of I	Engineering Controls	
Parcel	Engineering Control	
207.20.7.15.1	Vapor Mitigation Cover System Vapor Mitigation Cover System	

	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 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 on an accordance with the information presented is accurate and compete
	engineering practices, and the mormation presented is accurate and compete. YES NO
	X
2.	If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:
	(a) the Institutional Control and/or 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
	$X$ $\Box$
	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.
.	Not Applicable
	Signature of Owner, Remedial Party or Designated Representative Date

	IC CERTIFICATIONS SITE NO. E510020	
		Box 6
SITE OV I certify that all informatio statement made herein is Penal Law.	VNER OR DESIGNATED REPRESENT         n and statements in Boxes 1,2, and 3 a         punishable as a Class "A" misdemean         at       41 City Hall Place         print busine	TATIVE SIGNATURE are true. I understand that a false nor, pursuant to Section 210.45 of the e, Plattsburgh, NY 12901 ess address
am certifying as	City of Plattsburgh	(Owner or Remedial Party)
for the Site named in the See Attached Signature of Owner, Rem Rendering Certification	Site Detail <b>s</b> Section of this form. Addmdum redial Party, or Designated Representa	05/11/19 tive Date 4

### Addendum to Owner Certification

**RE:** Clarification

Enclosure 2, Box 1, Question 5 asks whether the site is currently undergoing development. Our consultants note that there is no active "construction" on the site but for purposes of clarification please be advised that as a result of NYS DRI Grant, the city is currently under a development agreement with Prime Plattsburgh LLC to study, design and seek permitting for a multi-use development on the site.

May 17, 2019

Colin L. Read, Mayor City of Plattsburgh 41 City Hall Place Plattsburgh, NY 12901

	TIEICATIONS
Professional	Box 7 Engineer Signature
I certify that all information in Boxes 4 and 5 are trupunishable as a Class "A" misdemeanor, pursuant C.T. Ma	ue. I understand that a false statement made herein is to Section 210.45 of the Penal Law. ale Associates Engineering, Surveying, Architecture,
I Jeffrey A. Marx, P.E. at <u>50 Cen</u> print name	ape Architecture & Geology, D.P.C., tury Hill Drive, Latham, NY 12110 print business address
am certifying as a Professional Engineer for the	City of Plattsburgh (Owner or Remedial Party)
Signature of Professional Engineer, for the Owner Remedial Party, Rendering Certification	or Required for PE)

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