December 11, 2018

Dan Albrecht, MA, MS
Senior Planner
Chittenden County Regional Planning Commission
110 West Canal Street, Suite 202
Winooski, VT 05404

Subject: Request for EPA Hazardous Assessment Brownfields Funds, 314 North Winooski Ave, Burlington, Vermont

Dear Dan,

314 North Winooski Ave, LLC is requesting EPA hazardous assessment brownfields funds through the Chittenden County Regional Planning Commission (CCRPC) to support redevelopment of the real property located at 314 North Winooski Avenue, Burlington, Vermont. This is a 0.2-acre parcel located in the North End of Burlington and is a State listed brownfields site. We are currently enrolled in the Brownfields Reuse and Environmental Liability Limitation Program (BRELLA) through the Vermont Department of Environmental Conservation (VT DEC). Redevelopment plans include improving the existing building or razing the building and creating a commercial property such as a restaurant. In addition, improvements to the parking lot and landscape will occur. This redevelopment plan will greatly improve the street scape on Winooski Ave, will attract community members to the North End and will remediate a contaminated real property.

Prior to redevelopment, the contamination on the property will need to be fully characterized. In response to a first letter received from the VT DEC dated October 26, 2018, Stone Environmental Inc. (Stone) prepared a proposal on behalf of 314 North Winooski Ave, LLC to perform a Supplemental Site Investigation. The additional environmental data collected during a Supplemental Site Investigation will support the corrective action to cleanup and reuse this brownfields property. Stone's proposal is attached to this letter. We would greatly appreciate the support from CCRPC and believe this project will be a brownfields grantee success story.

Sincerely,

Robert Lake
314 North Winooski Ave, LLC
PO BOX 4248
Burlington, VT 05406

Attached: Proposal for Supplemental Site Investigation, Stone Environmental, dated November 27, 2018

State of Vermont
Department of Environmental Conservation
Waste Management & Prevention Division
National Life Drive – Davis 1
Montpelier, VT 05620-3704

AGENCY OF NATURAL RESOURCES

October 26, 2018

Mr. Robert Lake
P.O. Box 4248
Burlington, VT 05406

RE: Champlain Transmission, Burlington; SMS # 2018-4777; **FIRST LETTER**

Dear Mr. Lake,

The Sites Management Section (SMS) has reviewed the *Phase II Environmental Site Assessment (ESA)* dated September 20, 2018, prepared by Stone Environmental for the Champlain Transmission property at 314 North Winooski Avenue in Burlington. The report was prepared on behalf of 314 North Winooski, LLC as environmental due diligence prior to purchase. The property is currently owned by yourself.

The *Phase II ESA* conducted at the site assessed soils, soil gas, and concrete flooring and detected polycyclic aromatic hydrocarbons (PAHs) and tetrachloroethene (PCE) in exceedance of standards, as well as total petroleum hydrocarbons (TPH).

Based on SMS review of the submitted report, the SMS has determined the following:

- PAHs detected in subsurface soils (SB-4, FD-1, FD-2) beneath the exterior drum storage area and interior building floor drains exceed the residential standard, less than the industrial standard.

- PCE was detected in soil gas throughout the property in exceedance of the industrial screening value and was detected off-gassing from the interior concrete floor.

Data presented the *Phase II ESA* indicate that a release of hazardous materials has occurred at the Site. Pursuant to Title 10 Part 5 Chapter 159 Section 6617(a) of Vermont Statute, "**Any person who has knowledge of a release or a suspected release and who may be subject to liability for a release, as detailed in section 6615 of this chapter, shall immediately notify the agency**" (Vermont Agency of Natural Resources-Department of Environmental Conservation-SMS). As property owner, you may be considered liable and a potentially responsible party. The submission of the above referenced report(s) is considered notification of a release, and the "First Letter" represents the initiation of the process necessary to characterize and remediate the site. A person who may be liable for the release or suspected release of a hazardous material as established in 10 V.S.A. § 6615 shall conduct a site investigation in accordance with the requirements of the Investigation and Remediation of Contaminated Properties Rule (IRULE), dated July 2017 Subchapter 3, § 35-301, Requirement to Perform a Site Investigation. Therefore, the SMS has placed this property on the State's Hazardous Sites List. The SMS has assigned a site number to the property for tracking purposes – SMS Site #2018-4777, this number should be referenced on all submitted documentation into the future.

REQUESTED ACTIONS

Based on the above information the SMS has determined that additional work is necessary to determine the full extent of the release of hazardous materials to the environment. The SMS requests that you retain the services of a qualified environmental professional to prepare a site investigation work plan in accordance with § 35-303 of the IRULE and submit to the SMS for approval. Failure to conduct the necessary site work is a violation of Vermont Statutes and will result in State Enforcement Actions.

The workplan must be submitted to the SMS for approval within 30 days of receipt of this request. All work must be conducted in accordance with IRULE which is located on our website: http://dec.vermont.gov/waste-management/contaminated-sites/rule The workplan must be approved by the SMS prior to the initiation of onsite work.

The following specific information should be included in the workplan:

- Delineation of PCE soil gas impacts in exceedance of its residential screening value to evaluate threats to off-site properties.
- Assessment of indoor air quality for PCE to quantify the magnitude of potential soil gas impact.
- Assessment of groundwater quality for volatile organic compounds.

Please note that lead-based paint and asbestos containing building materials are regulated by the Vermont Department of Health (VT DOH). If asbestos containing materials and/or lead are discovered on the property in the future, or if asbestos or lead-based paint contaminants are detected in soil, please contact the Asbestos and Lead Regulatory Program at http://healthvermont.gov/enviro/asbestos/asbestos.aspx. The VT DEC Solid Waste Management Program can provide you with guidance regarding disposal options for other building materials, if necessary.

Please do not hesitate to contact me should you have any questions. I may be reached at matthew.becker@vermont.gov and 802-249-5770.

Sincerely,

Matthew D. Becker, Project Manager
Sites Management Section

STONE ENVIRONMENTAL

535 Stone Cutters Way / Montpelier / VT / 05602 / USA
802.229.4541 / info@stone-env.com / www.stone-env.com

November 27, 2018

Robert Lake
314 North Winooski Ave, LLC
PO Box 4248
Burlington, VT 05406

Dan Albrecht, MA, MS
Senior Planner
Chittenden County Regional Planning Commission
110 West Canal Street, Suite 202
Winooski, VT 05404

Stone Proposal No. 17-142
Subject: Proposal for Supplemental Site Investigation, Champlain Transmission, 314 North Winooski Ave, Burlington, Vermont

Dear Bob and Dan,

Stone Environmental Inc., (Stone) is pleased to present the following proposal to perform a Supplemental Site Investigation (SSI) to support the redevelopment of the property located at 314 North Winooski Avenue, Burlington, Vermont (the Site, Figure 1). The Site comprises a 0.2-acre parcel currently owned by 314 North Winooski Ave, LLC with a 1,432-square foot, single-story commercial building that is currently vacant (Figure 2). The property owner is enrolled in the Brownfields Reuse and Environmental Liability Limitation Program (BRELLA) through Vermont Department of Environmental Conservation (VT DEC).

This Supplemental Site Investigation was prompted by the First Letter received from the VT DEC, dated October 26, 2018. Stone understands that the VT DEC has requested a tetrachloroethylene (PCE) soil gas delineation to assess threats to off-site properties and to assess groundwater quality for volatile organic compounds (VOCs). An indoor air quality assessment was also requested but is not included in this proposal. Following the proposed SSI and upon further evaluation of redevelopment options by the owner, the need for an indoor air assessment will be reevaluated.

1. Background

The Site was previously used for retail gasoline sales and as an automotive service station including transmission repairs. A Phase II Environmental Site Investigation (ESA) performed by Stone in September 2018 identified chlorinated volatile organic compounds (CVOCs) including tetrachloroethylene (PCE) released to the environment as a result of their use during prior automotive service at the Site. The source of PCE is believed to be from former on-Site degreasing/parts washers and use of aerosol solvents such as brake, transmission, or carburetor cleaners. PCE was likely co-released with other automotive contaminants, such as

waste oil. Petroleum compounds were detected in soil and soil gas in the building garage and the exterior yard.

2. Redevelopment Plans

314 North Winooski Ave, LLC plans to renovate the existing building with major alterations to support their plans to redevelop the Site as a restaurant space. Proposed renovations include removing the one remaining hydraulic lift in the two-bay garage, assessing and possibly removing the concrete slab, abandoning the floor drain system in the two-bay garage, removing non-structural walls, renovating the bathroom space, removing the overhead garage doors and upgrading windows and doors, upgrading utilities, etc. The exterior pavement will be repaired or replaced, and general landscaping improvements will be made. An outside café-type eating area may be included.

3. Supplemental Site Investigation Objectives

To support these redevelopment activities and address the VT DEC First Letter, our proposed SSI is designed to include the following tasks:

1. Project Management and Agency Coordination.
2. Work Plan / Site Specific Quality Assurance Project Plan (SSQAPP).
3. Delineate the PCE soil gas impacts and to evaluate threats to offsite properties.
4. Assess soil and groundwater quality for VOCs.
5. Reporting.

4. Scope of Services

4.1 Project Management, Coordination and DigSafe Mark-out

Stone's Project Manager will coordinate implementation of all field tasks and contracting and coordination with subcontractors. The Stone Project Manager will provide frequent updates to CCRPC, 314 North Winooski Ave, LLC, and VT DEC.

A Stone accountant will be responsible for preparing monthly invoices for CCRPC review and approval. Stone will also provide a cover letter with disadvantage business enterprise tracking form to ease EPA quarterly reporting.

Stone will work with CCRPC, 314 North Winooski Ave, LLC. and the Site owner to ensure access is available to the proposed investigation areas. Prior to mobilizing material and equipment to the Site, Stone will pre-mark each proposed investigation location for Digsafe utility clearance and obtain a Digsafe ticket.

Stone will also coordinate with Burlington Public Works Department and, if necessary, the Burlington Electric Department to locate Site-owned utilities and buried municipal utilities.

4.2 Quality Assurance Project Plan Preparation and Site-Specific HASP

Stone will prepare an Amendment to our existing Site-Specific Quality Assurance Project Plan (SSQAPP) for review by CCRPC, 314 North Winooski Ave, LLC., the VT DEC Site Manager, and the EPA Brownfield and Quality Assurance Programs. The SSQAPP Amendment will detail the purpose, methodologies, quality control measures, and estimated cost of the SSI. After receiving approval of the Draft SSQAPP, a Final SSQAPP will be submitted.

Stone will update the existing site-specific health and safety plan (HASP) with contractor-specific information and cold weather hazard protocols.

4.3 Soil Gas Survey

Stone proposes to perform a soil gas survey on the exterior portion of the Site to delineate the PCE soil gas plume. Six shallow soil gas locations will be installed using an AMS soil gas kit to a depth of 2.5 feet bgs. Eight deep soil gas locations will be installed to 10 and 20 feet bgs with a post run tubing (PRT) system and a Geoprobe 7822DT or equivalent direct-push rig operated by Cascade Drilling of Montpelier, Vermont (Cascade). Stone will conduct leak testing to ensure ambient air is not drawn into the sample container in accordance with our standard operating procedures (SOPs). Soil gas at each location will be screened for total VOCs with a photoionization detector (PID) in the parts per billion (ppb) range. Soil gas samples will be collected at each location. A field duplicate and trip blank will be collected in accordance with the SSQAPP.

Samples will be collected in a Tedlar bags and transported under chain of custody procedures to TestAmerica of South Burlington, Vermont (TestAmerica), for analysis of VOC by EPA Method TO-15. Soil-gas sample results will be compared to the Vapor Intrusion Values in Appendix A of the VTDEC Investigation and Remediation of Contaminated Properties Rule (I-Rule; effective July 2017).

4.4 Soil and Groundwater Assessment

Stone proposes to oversee the advancement of three soil borings, two shallow borings in the garage building to 10 feet and one deep boring outside of the garage building to the water table at approximately 110 feet. The shallow borings will assess whether VOCs are present in soil under the garage at concentrations that would necessitate an active remedial approach. The deep boring will be used to assess vertical soil quality and potential impact to groundwater. Soil borings will be recovered continuously, and discrete soil samples will be collected from one-foot intervals within each borehole prior to cutting open the acetate liner. Soils will then be logged and field-screened using a PID equipped in ppb range.

Discrete soil samples will be selected for VOCs analysis based on field screening and visual inspection of the borings. It is assumed up to eight discrete samples will be collected from the shallow borings (4 per boring) and 12 discrete samples will be collected from the deep boring. Two field duplicates and a trip blank will be collected in accordance with the SSQAPP. Soil samples will be transported in an ice filled cooler to Eastern Analytical, Inc (EAI) for analysis of VOCs by EPA Method 8260.

The deep boring location will be used to install couplet monitoring wells with a ¾-inch diameter pre-packed well screen. One well will be installed in the perched water table at approximately 60 feet bgs and one in the regional aquifer at 110 feet bgs. Excess soil cuttings will be added to the existing soil pile in the garage.

Groundwater samples will be collected using a bladder pump and tubing. The monitoring wells will be purged until clear and a grab water sample will be collected. One field duplicate and a trip blank will be collected in accordance with the SSQAPP. Groundwater samples will be transported under chain of custody procedures in an ice filled cooler to EAI for analysis of VOCs by EPA Method 8260.

4.5 Contingent Groundwater Monitoring Well Abandonment

The monitoring wells will be abandoned if groundwater results indicate there are no reported detections above the laboratory reporting limits. The monitoring wells will be abandoned with grout.

4.6 Evaluation of Corrective Action Alternatives Report

Stone will prepare an Evaluation of Corrective Actions Alternative (ECAA) Report in accordance with the requirements outlined in §35-503 of the IRule. The ECAA Report will include the results of the SSI and will evaluate appropriate corrective action alternatives' compliance with legal requirements, reduction of toxicity, mobility, or volume of contaminants through treatment, long-term and short-term effectiveness of protecting human health and the environment, ease of implementation, cost, and environmental impact and sustainability. A detailed justification for each recommended corrective action alternative will be provided based on this evaluation.

Stone will deliver a client draft ECAA Report to CCRPC and 314 North Winooski Ave, LLC for review and comment. Stone will deliver a draft ECAA Report to VTDEC and EPA after receiving approval of the client draft. A Final ECAA Report will be provided to all stakeholders following comments from the regulators. Following completion of the ECAA Report, Stone will coordinate a meeting of stakeholders to review the findings of the selected remedy to be detailed in a Corrective Action Plan (CAP).

5. Project Schedule

Stone is prepared to begin the SSQAPP within one week of contracting. A draft SSQAPP can be prepared within approximately two (2) weeks. Implementation schedules for field work and subsequent tasks can be

estimated once the SSQAPP is approved. For planning purposes, we provide the following estimated timeline based on a CCRPC Brownfield Steering Committee approval for funding at their mid-December, 2018 meeting:

- December 28, 2018: SSQAPP preparation and submittal – 2 weeks
- December 28, 2018 – January 28, 2019: VTDEC and EPA review period – 30 days
- February 4, 2019: Response to comments, final SSQAPP approved – 1 week
- Week of February 4, 2019: Dig Safe Markout
- Week of February 11, 2019: Soil Gas Survey (1 day) and Soil Assessment (2 days) – Standard TestAmerica laboratory turnaround time is 10 business days and EAI is 5 business days.
- Week of February 18, 2019: Groundwater Sampling (1 day) – Standard EAI turnaround time is 5 business days.
- March 11, 2019: Client Draft ECCA Report (2 weeks)
- March 18, 2019: Client review period (1 week).
- March 25, 2019: Revise and submit to VT DEC and EPA
- March 25 – April 25, 2019: VT DEC and EPA review period – 30 days
- May 2, 2019: Final ECCA Report

Stone estimates the submittal of the Final ECCA Report no earlier than the first week in May 2019.

6. Cost Estimate

Costs for our proposed Scope of Services will be billed on a time-and-materials to a maximum basis; we will not exceed the proposed budget without your prior consent. A detailed cost estimate is attached. Costs are summarized by task in Table 1, as follows:

Table 1. Proposed Budget for SSI

Cost Summary					
	Task	Professional Services	Consultant	Expenses	Total
1	Task 1 - Project Management, Coordination and Dig Safe Mark-out	$1,850	$0	$94	$1,944
2	Task 2 - Quality Assurance Project Plan Preparation and Site-Specific HASP	$3,610	$0	$0	$3,610

3	Task 3 - Soil Gas Survey	$1,440	$4,335	$885	$6,660
4	Task 4 - Soil and Groundwater Assessment	$1,800	$8,241	$1,158	$11,199
5	Task 5 - Contingent Groundwater Monitoring Well Abandonment	$420	$1,339	$43	$1,802
6	Task 6 - Data Evaluation and ECCA Report	$4,950	$0	$0	$4,950
	TOTAL	**$14,070**	**$13,915**	**$2,180**	**$30,166**

7. General Terms and Conditions

Our proposed Scope of Services will be performed pursuant to the Brownfields general services contract between CCRPC and Stone.

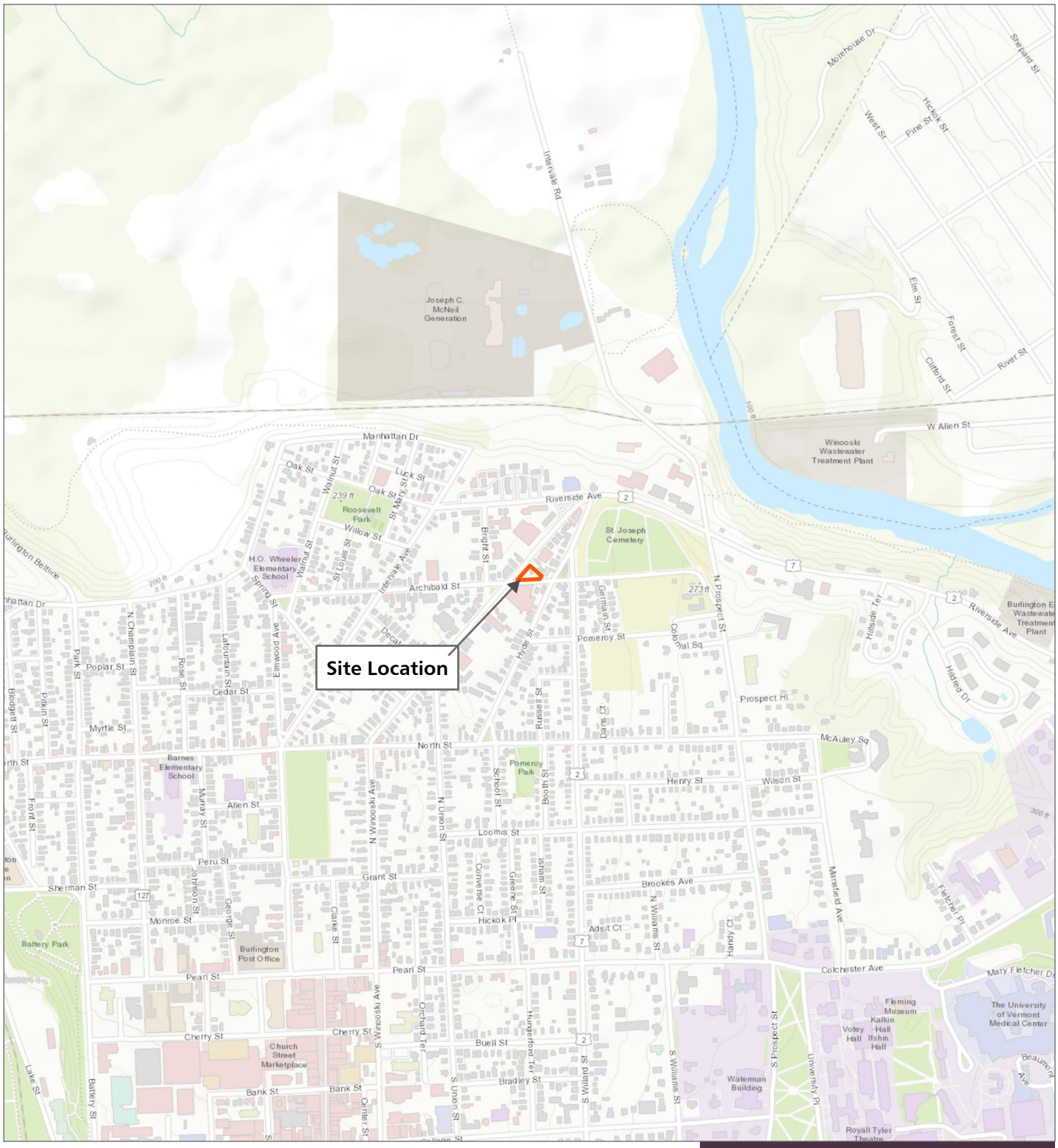
We look forward to continuing to work with you on this project. Please contact me if you have any questions.

Sincerely,

Katrina Mattice, PE
Project Engineer
Direct Phone / 802.229.6434
E-Mail / kmattice@stone-env.com

Attachments: A – Detailed Cost Estimate, Figure 1: Site Location Map, Figure 2: Site Plan

O:\PROJ-17\EAR\17-142 314 North Winooski Ave\Proposal\Drafts\SSI\17-142 314 North Winooski Ave SSI proposal_revised_ECAA.docx



LEGEND

Target Property Boundary

N

0 250 500

Feet

Source: Esri World Topography

Path: O:\PROJ-17\EAR\17-142 314 North Winooski Ave\GIS\MapDocuments\17-142 314 North Winooski Ave\17-142 314 North Winooski Ave PhaseII.aprx Fig1 Site LocationExported: 9/12/2018

Figure 1 Site Location

314 N. Winooski Ave. Phase II ESA

Prepared for CCRPC & 314 N. Winooski, LLC

STONE ENVIRONMENTAL

LEGEND

- Target Property Boundary
- Burlington Parcel Boundaries

N 0 25 Feet

Source: Esri World Topography, VCGI

Path: O:\PROJ-17\EAR\17-142 314 North Winooski Ave\GIS\MapDocuments\17-142 314 North Winooski Ave\17-142 314 North Winooski Ave PhaseII.aprx Fig2 Vicinity MapExported: 9/12/2018 4:28 PM by kelsey

Figure 2 Vicinity Map

314 N. winooski Ave. Phase II ESA

Prepared for CCRPC & 314 North Winooski, LLC

STONE ENVIRONMENTAL

STONE ENVIRONMENTAL INC

Supplemental Site Investigaiton, Champlain Transmission, 314 North Winooski Ave, Burlington, VT

17-142

DETAILED FEE & SCOPE DETAILS

#	Staff Type	Name	Rate Per Unit	Unit	Amount	Subtotal		Scope Details
1	**Task 1 - Project Management, Coordination and Dig Safe Mark-out**							Assumes one meeting with CCRPC, 314 North Winooski, LLC. and VT DEC in the CCRPC office.
	Professional Services							
	Senior Professional 1	DTV	$ 115 / hour	4	$460			Includes scheduling field activities and updates to stakeholders.
	Project Professional 1	KJM	$ 100 / hour	10	$1,000			
	Accountant 2	SR	$ 55 / hour	2	$110			Includes invoicing time.
		Professional Services Summary		*20*		*$1,850*		Stone will perform a site visit and dig safe mark-out. This will include coordinating with Burlington Public works department
	External Expenses							
	Mileage - Personal Vehicle		$0.535 / mile	160	$94			
		Expense Summary				*$94*		
	TASK SUBTOTAL						**$1,944**	
2	**Task 2 - Quality Assurance Project Plan Preparation and Site-Specific HASP**							Prepare a Site-Specific Quality Assurance Project Plan (SSQAPP). Assumes 1-set of revisions based on VTDEC and EPA comments.
	Professional Services							
	Senior Professional 2	KW	$ 115 / hour	4	$460			Update Site-Specific HASP.
	Senior Professional 1	DTV	$ 115 / hour	2	$230			
	Project Professional 1	KJM	$ 100 / hour	20	$2,000			
	Senior Professional 1	AH	$ 115 / hour	8	$920			
		Professional Services Summary		*34*		*$3,610*		
	TASK SUBTOTAL						**$3,610**	
3	**Task 3 - Soil Gas Survey**							Install temporary probes at 6 locations exterior of the building to a depth of 2.5 feet and 4 locations to a depth of 10 and 20 feet to delineate the PCE soil gas plume.
	Professional Services							
	Project Professional 1	DTV	$ 100 / hour	6	$600			
	Staff Professional 1	DTC	$ 70 / hour	12	$840			Labor: - 1 day for staff scientist to collect shallow soil gas - 1/2 day for project scientist to collect deep soil gas
		Professional Services Summary		*18*		*$1,440*		
	Consultants*							Samples: Collect 14 samples in Tedlar for analysis. Analyze all samples for VOCs (full list) by EPA Method TO-15, QA/QC duplicate and trip blank.
	TestAmerica- VOCs TO15		$150 / sample	16	$2,640			
	Cascade Drilling							
	Mob/Demob		$410 / ls	1	$451			
	DPT Rig		$2,050 / day	0.5	$1,128			
	Project Management		$90 / day	0.5	$50			
	Bentonite Chips		$21 / ea	2	$46			
	Asphalt		$19 / ea	1	$21			
		Consultant Summary				*$4,335*		
	External Expenses							
	Rental Helium Detector		$75 / day	1	$83			
	Stone Equipment							
	Tacoma Mileage		$0.54 / mile	80	$43.20			
	EAR PID		$90 / day	1	$90.00			
	EAR Soil Gas Sampling Box and Gast Pump		$25 / day	1	$25.00			
	EAR AMS Soil Gas Sampling Kit		$25 / day	1	$25.00			
	EAR Electrical Generator - Honda Eu 2000		$25 / day	1	$25.00			
	Stone Consumables							
	EAR Tedlar Bags (0.5 or 1.0 liter)		$14.50 / ea	15	$217.50			
	EAR 1/4" OD FEP Tubing SG		$2.16 / ea	150	$324.00			
	EAR PPE		$15.00 / day/staff	1.5	$22.50			
		Expense Summary				*$885*		
	TASK SUBTOTAL						**$6,660**	

Supplemental Site Investigaiton, Champlain Transmission, 314 North Winooski Ave, Burlington, VT
17-142
DETAILED FEE & SCOPE DETAILS

#	Staff Type	Name	Rate Per Unit	Unit	Amount	Subtotal		Scope Details
4	**Task 4 - Soil and Groundwater Assessment**							Screened soils continously to the water table at one soil boring location and to 10 feet at two locations..
	Professional Services							
	Project Professional 1	DTV	$ 100 / hour	18	$1,800			Install pre-packed well screens in the perched water table and the regional aquifer.
		Professional Services Summary		*18*		*$1,800*		
	Consultants*							Labor:
	Eastern Analytical							- 1.5 days for project scientist to collect shallow and deep soil samples and groundwater.
	VOCs analysis- Soil		$124 / each	22	$2,995			
	VOCs analysis- Water		$124 / each	3	$408			Samples:
	Cascade Drilling							Collect 20 soil samples for analysis. Analyze all samples for VOCs (full list) by EPA Method 8260, QA/QC two duplicate and trip blank. Collect two grab groundwater samples for VOCs by EPA Method 8260, QA/QC one duplicate and trip blank. No charge for trip blanks.
	DPT Rig		$2,050 / day	1.5	$3,383			
	Project Management		$90 / day	1.5	$149			
	Liners- DT22 5'		$6 / ea	22	$145			
	Liners- MC5 3'		$4 / ea	8	$35			Cascade Mob/Demob fee included in Task 3.
	Well Installation		$4.80 / feet	170	$898			
	Concrete Core Drill		$200 / ea	1	$220			
	Cement		$8 / ea	1	$9			
		Consultant Summary				*$8,241*		
	External Expenses							
	Rental Bladder Pump		$56 / ea	2	$123			
	Rental MP50 Controller/Compressor		$111 / ea	2	$244			
	Bladders		$10 / ea	2	$22			
	1/4" x 1/4"- PTFE tubing		$1,000 / ea	0.4	$440			
	Stone Equipment							
	EAR PID		$90 / day	1.5	$135.00			
	Tacoma Mileage		$0.54 / mile	80	$47.52			
	EAR Samsung Field Tablet		$50.00 / Day	1.5	$82.50			
	EAR Water Level Meter		$15.00 / day	1.5	$24.75			
	EAR Small Power Tools (Drills, etc.)		$10.00 / day	1.5	$16.50			
	Stone Consumables							
	EAR PPE		$15 / day/staff	1.5	$22.50			
		Expense Summary				*$1,158*		
	TASK SUBTOTAL						**$11,199**	
5	**Task 5 - Contingent Groundwater Monitoring Well Abandonment**							Abandon groundwater monitoring wells with grout.
	Professional Services							
	Staff Professional 1	DTC	$ 70 / hour	6	$420			Labor:
		Professional Services Summary		*6*		*$420*		-1/2 day for staff scientist
	Consultants*							
	Cascade Drilling							
	Mob/Demob		$410 / ls	1	$451			
	DPT Rig		$1,615 / day	0.5	$888			
	Borehole Abandonment		$1.50 / feet	170	$281			
		Consultant Summary				*$1,339*		
	Stone Equipment							
	Tacoma Mileage		$0.54 / mile	80	$43.20			
		Expense Summary				*$43*		
	TASK SUBTOTAL						**$1,802**	
6	**Task 6 - Data Evaluation and ECCA Report**							Prepare an ECAA Report in accordance with Investigation and Remediation of Contaminated Properties Rule (IRule). . Provide a draft report to CCRPC and 314 North Winooski Ave, LLC for review and comment. Assumes 1 set of revisions, followed by submittal of the final report to VTDEC and EPA.
	Professional Services							
	Senior Professional 1	DTV	$ 115 / hour	2	$230			
	Project Professional 1	KJM	$ 100 / hour	24	$2,400			
	Senior Professional 1	AH	$ 115 / hour	16	$1,840			
	Staff Professional 3	BMD	$ 80 / hour	6	$480			Figures to be prepared by a Stone GIS/CAD Specialist and will include:
		Professional Services Summary		*48*		*$4,950*		1) Revised Site Map
	TASK SUBTOTAL						**$4,950**	2) Soil concentration map.
								3) Groundwater concentration map.
	PROJECT TOTAL						***$30,166***	4) Soil gas concentration map.

Stone Environmental's standard mark-up on all Consultant and reimbursable project expenses is 10%.