

HARRISON ENGINEERING DEPARTMENT

Town/Village of Harrison
Alfred F. Sulla, Jr. Municipal Building
1 Heineman Place
Harrison, New York 10528

Michael J. Amodeo, P.E., CFM
Town/Village Engineer



August 29, 2022

Mayor Richard Dionisio and
Members of the Village Board
Town of Harrison
1 Heineman Place
Harrison, New York 10528

V-E-4

**Re: Oakland Avenue Park- Post Construction
Wetland Buffer Restoration Monitoring**

Dear Mayor Dionisio and Members of the Village Board:

Village Board authorization is requested to hire Evans Associates Environmental Consulting, Inc. for a Professional Services contract to provide Wetland Buffer Restoration Monitoring, Reporting & Maintenance for years 2022-2024, at a cost not to exceed \$26,400.00. This work is as required by NYSDEC in accordance with the Town's wetland permit.

The scope of services is detailed in the attached proposal.

Funding for this contract is available in Capital Account # 19RP23.

Further, authorization is requested for the Purchasing Department to issue a Purchase Order payable to Evans Associates Environmental Consulting, Inc. at an amount of \$26,400.00.

Respectfully submitted,

Michael J. Amodeo, PE, CFM
Town/Village Engineer

MJA/mep

Attachments

August 12, 2022

Mr. Michael Amodeo, P.E., C.F.M.
Town Engineer
Town/Village of Harrison
1 Heineman Place
Harrison, New York 10528


Evans Associates
Environmental Consulting, Incorporated

**RE: Proposal for Professional Services: Wetland Buffer Restoration Monitoring
Oakland Avenue Park, Oakland Avenue and Osborn Road
Town/Village of Harrison, Westchester County, New York**

Dear Mr. Amodeo:

Pursuant to your recent request, and in accordance with the conditions set forth in the New York State Department of Environmental Conservation (DEC) Permit #3-5528-00104 relative to the wetland adjacent area restoration and monitoring, and I am pleased to submit this proposal for your consideration. As you know, the compliance letter was submitted to DEC in December of last year, so our services would now include:

- 1) Monitoring stations will be identified and marked in the field throughout the area where revegetation has occurred.
- 2) For three years after the initial installation, our office will monitor the wetland adjacent areas at least four (4) times during the growing season (April through October) to assess the condition of the planted material and to check for the presence of invasive species. If invasive species are found in the restored areas during the quarterly inspections, they will be removed (by hand) and bagged for disposal offsite. The goal is to ensure that at least 85% of the initial plants survive at least one year after planting, and that invasive species make up no more than 10 – 15% of the vegetative cover. If these goals are not attained, our office will evaluate the reasons and develop a remediation plan to be submitted to and reviewed by DEC.
- 3) Preparation of an annual report discussing the status of vegetation in the enhancement areas and representative photographs for submittal to DEC no later than December 31st of each year. There will be three annual reports required, unless the DEC requires additional planting and extends the monitoring period.

COST OF SERVICES

We would provide the services outlined above on a time and materials basis at an hourly rate of \$150/hour. Based on the site monitoring that we have done on this project to date, I would estimate that the quarterly inspections (Item #2) will require approximately 8 - 12 hours for each inspection, including the preparation of the data for inclusion in the annual

162 Falls Road
Bethany, CT 06524
Tel: 203.393.0690



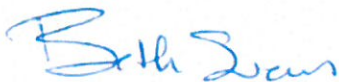
report. Finally, the preparation of the annual reports (Item #3) usually takes about 8 hours. The following is a breakdown of the costs associated with each phase of the monitoring:

Monitoring Station Setup:	\$1,200
Quarterly Inspections During Growing Season (12):	\$14,400 - \$21,600
Annual Reports For DEC (2022, 2023, and 2024):	\$3,600

TOTAL ESTIMATE FOR MONITORING (3 Years) \$19,200 - \$26,400

Please let me know if you have any questions. I appreciate the opportunity to submit this proposal.

Sincerely,
Evans Associates Environmental Consulting, Inc.



Beth Evans, PWS