



New Jersey Department of Environmental Protection
Site Remediation and Waste Management Program

HAZARDOUS DISCHARGE SITE REMEDIATION FUND
- PART I

☒ LSRP ☐ Subsurface Evaluator (for UHOT cases only)

October
18, 2025

Program Interest Name: Egg Harbor City - Moss Mill SLF PI #: SW PI = 131812

Date Stamp
(For Department use only)

SECTION A. REQUESTED FUNDING TYPE AND AMOUNT

☐ PLEASE CHECK HERE IF THIS IS A SUPPLEMENTAL REQUEST

Public Entity

- ☐ Brownfield Development Area Grant\$
- ☒ PA/SI/RI Grant\$ 595,737.00
- ☐ 75% Recreation and Conservation Grant\$
- ☐ 75% Renewable Energy Grant\$
- ☐ 50% Affordable Housing Grant\$
- ☐ 25% Matching Grant Remedial Action Unrestricted Use\$
- ☐ Loan\$

Private Entity

- ☐ 25% Matching Grant Remedial Action Unrestricted Use\$
- ☐ Loan\$

Non-Profit

- ☐ PA/SI/RI Grant\$

SECTION B. APPLICANT INFORMATION

Name: Egg Harbor City

Address: 500 London Ave

City: Egg Harbor City

State: New Jersey

County: Atlantic

Zip Code: 08215

Phone Number: (609) 985-0081

Ext: 5

Fax: (609) 965-0715

Email Address: megs@eggharborcity.org

Individual: Social Security Number: _____

Businesses: Tax ID Number: _____

SIC: _____

NIAC: _____

SECTION C. CONTACT INFORMATION

☒ Check here if contact information is the same as Section B above (proceed to Section D)

Contact Person: _____ Title: _____

Affiliation: _____

Address: _____

City/Town: _____

State: _____

Zip Code: _____

Phone Number: _____

Ext: _____

Fax: _____

Email Address: _____

SECTION D. SITE OWNERSHIP INFORMATION

☒ Check here if site ownership information is the same as Section B above (proceed to Section E)

Name of Site Owner: _____

Address: _____

Municipality: _____

State: _____

Zip Code: _____

SECTION E. SITE INFORMATION (location where remediation will be conducted)

Name of Site (as identified on NJDEP's Known Contaminated Site List): EGG HARBOR CITY SLF

PI (Program Interest) Number: Soild Waste PI + 131812 600000 Acreage: 11

Other Site Names (A.K.A.): Antwerp Ave Landfill 9613

Address: 1201-1259 Antwerp Avenue

Municipality: Egg Harbor City

State: New Jersey

County: Atlantic

Zip Code: 08215

Municipal Block(s) and Lot(s): Block 1001, Lot 11

SECTION F. VIOLATIONS, PENALTIES & FEES

Any applicant that is not in compliance with all applicable DEP regulation must submit a written description and explanation for noncompliance including a list of all violations and outstanding fees and penalties to be provided below. Applicant's must specify whether the violations, fees or penalties are currently being contested in a manner prescribed by law and whether the violations, fees and penalties resulted from a lack of financial resources to perform required remediation.

Landfill is not properly closed per NJAC 7:26-et. seq.

No other violations known

SECTION G. OTHER FUNDING SOURCES

Indicate all other sources of financial assistance sought for the remediation of the site.

☐ Check here if no other funding sought

☐ Insurance Coverage

☐ UST Fund

☐ 75% Brownfield Reimbursement

☐ Entity(s) responsible for conducting the remediation

☐ NJRA Brownfield Redevelopment Initiative

☐ Green Acres

☐ NJ Environmental Infrastructure Trust

☒ Other: NJEDA - BRIP

SECTION H. WORK PROPOSAL

Attach Work Proposal to application.

Name of Firm Preparing the Work Proposal: Resource Control Consultants, LLC (RCC)

Preparer Name: RCC - Bryan Emilius

Phone: (856) 273-1009

Email Address: bryane@rccrenewal.com

SECTION I. COST ESTIMATE

Attach Detailed Cost Estimate to application.

SECTION J. FINANCIAL INFORMATION (Private Entities)

Homeowners must submit Federal tax returns for the last three years. Businesses and private matching grant applicants must attach business, as well as personal, financial statements for the last three years. Provide financial information with application.

SECTION K. LICENSED SITE REMEDIATION PROFESSIONAL INFORMATION AND STATEMENTLSRP ID Number: 573675First Name: BryanLast Name: EmiliusPhone Numbers: (856) 273-1009

Ext.: _____

Fax: (856) 271-1012Mailing Address: 10 Lippincott Lane Unit 1Municipality: Mt HollyState: New JerseyZip Code: 08060Email Address: bryane@rccrenewal.com

This statement shall be signed by the LSRP who is submitting this notification in accordance with N.J.S.A. 58:10C-14, and N.J.S.A. 58:10B-1.3b(1) and (2).

(1) I certify, as a Licensed Site Remediation Professional authorized pursuant to N.J.S.A. 58:10C-1 et seq. to conduct business in New Jersey, that for the remediation described in this submission, and all attachments included in this submission, I personally: Managed, supervised, or performed the remediation conducted at this site that is described in this submission, and all attachments included in this submission; and/or periodically reviewed and evaluated the work performed by other persons that forms the basis for the information in this submission; and/or completed the work of another site remediation professional, licensed or not, after having: (1) reviewed all available documentation on which I relied; (2) conducted a site visit and observed the then-current conditions and verified the status of as much of the work as was reasonably observable; and (3) concluded, in the exercise of my independent professional judgment, that there was sufficient information upon which to complete any additional phase of remediation and prepare workplans and reports related thereto.

(2) I certify:

- That I have read this submission and all attachments to this submission;
- That in performing the professional services as the licensed site remediation professional for the entire site or each area of concern, I adhered to the professional conduct standards and requirements governing licensed site remediation professionals provided in N.J.S.A. 58:10C-16;
- That the remediation conducted at the entire site or each area of concern, that is described in this submission and all attachments to this submission, was conducted pursuant to and in compliance with the remediation requirements in N.J.S.A. 58:10C-14.c;
- That the remediation described in this submission, and all attachments to this submission, was conducted pursuant to and in compliance with the regulations of the Site Remediation Professional Licensing Board at N.J.A.C. 7:26; and
- That the information contained in this submission and all attachments to this submission is true, accurate, and complete.

(3) I certify, when this submission includes a response action outcome, that the entire site or each area of concern has been remediated in compliance with all applicable statutes, rules, and regulations and is protective of public health and safety and the environment.

(4) I certify that no other person is authorized or able to use any password, encryption method, or electronic signature that the Board or the Department have provided to me.

(5) I certify that I understand and acknowledge that:

- If I knowingly make a false statement, representation, or certification in any document or information I submit to the Department I may be subject to civil and administrative enforcement pursuant to N.J.S.A. 58:10C-17.a.1(a) through (f) by the Board, including but not limited to license suspension, revocation, or denial of renewal; and
- If I purposely, knowingly, or recklessly make a false statement, representation, or certification in any application, form, record, document or other information submitted to the Department or required to be maintained pursuant to the Site Remediation Reform Act, I shall be guilty, upon conviction, of a crime of the third degree and shall, notwithstanding the provisions of subsection b. of N.J.S.2C:43-3, be subject to a fine of not less than \$5,000 nor more than \$75,000 per day of violation, or by imprisonment, or both.

(6) I certify that I have read this certification prior to signing, certifying, and making this submission.

LSRP Signature: Bryan L. Emilius, PG

Digitally signed by Bryan L. Emilius, PG
DN: cn=Bryan L. Emilius, PG, o=RCC, ou, email=bryane@rccrenewal.com,
c=US
Date: 2023.10.13 17:06:09 -0400

Date: 10/13/2025LSRP Name: Bryan L. EmiliusCompany Name: Resource Control Consultants, LLC



New Jersey Department of Environmental Protection
Site Remediation and Waste Management Program

HDSRF APPLICATION – GENERAL CERTIFICATION – PART II

THIS CERTIFICATION IS REQUIRED TO BE COMPLETED BY ALL APPLICANTS

This certification shall be signed as follows:

for a corporation, by a principal executive officer, at least the level of vice president;

for a partnership, by a general partner;

for a sole proprietorship, by the proprietor;

for a public entity, the contact person (business administrator, manager, mayor, etc.);

for other than above (i.e. homeowner/individual), the person with legal responsibility for the site.

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am aware that if I knowingly direct or authorize the violation of any statute, I am personally liable for the penalties.

Signature

Lisa Jlampetti, Mayor

Name/Title

Egg Harbor City

Company

Sworn to and Subscribed Before Me

On this date of

10-16-2025

Jacqueline M Young
Notary

JACQUELINE M YOUNG
Notary Public, State of New Jersey
Comm. # 2384670
My Commission Expires 04/23/2029



New Jersey Department of Environmental Protection
Site Remediation and Waste Management Program

HDSRF APPLICATION – SUBROGATION OF RIGHTS – PART III

THIS CERTIFICATION IS REQUIRED TO BE COMPLETED BY ALL APPLICANTS

This certification shall be signed as follows:

- for a corporation, by a principal executive officer, at least the level of vice president;
- for a partnership, by a general partner;
- for a sole proprietorship, by the proprietor;
- for a public entity, the contact person (business administrator, manager, mayor, etc.);
- for other than above (i.e. homeowner/individual), the person with legal responsibility for the site.

I hereby subrogate to the New Jersey Department of Environmental Protection all rights to recover remediation costs from an insurance carrier, discharger, or person in any way responsible for a hazardous substance discharge pursuant to subsection c. of section 8 of P.L. 1976, c. 141 (C.58:10-23.11g) and who does not have a defense to liability pursuant to subsection d. of that section, upon the failure of the recipient to repay the financial assistance to the State.

I further certify that I have not relinquished, impaired, or waived, and do not intend to relinquish, impair, or waive, any right by the State to recover the costs of the remediation against an insurance carrier, discharger, or person in any way responsible for a hazardous substance pursuant to subsection c. of section 8 of P.L. 1976, c.141 (C.58:10-23.11g).

Signature

Lisa Jianpetti - Mayor

Name/Title

Egg Harbor City

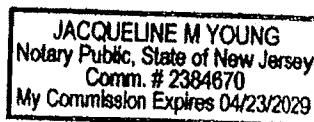
Company

Sworn to and Subscribed Before Me

On this date of

10-16-2025

Jacqueline M Young
Notary





New Jersey Department of Environmental Protection
Site Remediation and Waste Management Program

HDSRF APPLICATION – MUNICIPAL QUESTIONNAIRE – PART V

THIS INFORMATION IS REQUIRED FOR ALL PUBLIC ENTITIES APPLICANTS

In order to expedite the processing of grant or loan application for public entities at the NJEDA, complete this Preliminary Questionnaire and return it to the NJDEP as part of the HDSRF application. NJDEP will forward this information to the NJEDA once your application has been approved. If you have any questions about available financial assistance, call the NJEDA at (609) 341-2723.

1. Applicant: Egg Harbor City

Project Name: Egg Harbor City SWLF

2. Indicate the estimated project start date.

Start Date: 11/01/2024

3. List the current owner of the project site: Egg Harbor City

4. If you are not the owner, do you hold a tax sales certificate for the property? ☐ Yes ☐ No

When was the tax sale certificate obtained? Date: _____

PROVIDE A COPY OF PROPERTY OWNERSHIP, SUCH AS TAX SALE CERTIFICATE, FORECLOSURE PAPERS, ETC. WITH THIS APPLICATION.

If the municipality does not currently own the property or hold a tax sale certificate, has the municipality passed a resolution indicating an intent to acquire the property? ☐ Yes ☐ No

When was the resolution passed? Date: _____

5. Describe any pending or threatened litigation related to the project site.

none known

6. Describe any other pending issues that could delay grant/loan closing.

none known

7. If the financial assistance for which you are applying will not cover the full cost of your project, such as the removal of underground storage tanks, identify other funding sources:

- ☐ Issuance of Bonds \$ _____
- ☐ Capital Budget Expenditure \$ _____
- ☐ Other, please describe: _____

LOAN APPLICANTS, ANSWER QUESTIONS 8 THROUGH 11:

8. Indicate the length of term, up to ten years, you desire for this loan. (Note that this term must be coterminous with all additional project financing.) _____ Years

9. Indicate if your municipality will need Local Finance Board Approval to participate in this program (i.e. are you within your legal debt limit?)..... ☐ Yes ☐ No

If "Yes," please state reason below.

10. If you currently hold a tax sale certificate or have acquired the site through foreclosure, do you intend to sell the remediated property and return it to your tax rolls within the next two years?..... ☐ Yes ☐ No

11. If you answered yes to question 10, indicate whether you would like a moratorium on principal and interest payments up to a maximum of two years. ☐ Yes ☐ No

If "Yes," I request a payment moratorium of _____ years

12. Provide additional comments in the space below.

Certification: *By their signature below, the undersigned, a duly authorized representative of the above unit of local government, hereby certifies on behalf of the local government that the information contained herein is true, complete and correct in all respects as of the date hereof.*

Signature: _____

Date: 10-16-2025

Name (print): Lisa JIampetti

Title: Mayor



**New Jersey Department of Environmental Protection
Site Remediation and Waste Management Program**

HDSRF APPLICATION CHECKLIST – PART VI

This following checklist has been provided to assist you in preparing a HDSRF application for each specific grant and/or loan offered by the program. Please review the checklist for the applicable grant and/or loan to verify all required documentation has been included as part of the application package.

PUBLIC ENTITIES

Brownfield Development Area (BDA) Grant

- ☐ HDSRF Application form (Part I)
- ☐ HDSRF General Certification (Part II)
- ☐ HDSRF Subrogation of Rights (Part III)
- ☐ Municipal Questionnaire (Part V)
- ☐ Detailed remediation Work Proposal and itemized cost estimate
- ☐ Comprehensive redevelopment plan or resolution (indicating a commitment exists to develop within three years following completion of the remediation)
- ☐ Resolution that public entity authorized to apply to HDSRF for the remediation of a discharge/suspected discharge
- ☐ One original and one copy of the HDSRF application packet

PA/SI/RI Grant

- ☒ HDSRF Application form (Part I)
- ☒ HDSRF General Certification (Part II)
- ☒ HDSRF Subrogation of Rights (Part III)
- ☒ Municipal Questionnaire (Part V)
- ☒ Detailed remediation Work Proposal and itemized cost estimate
- ☒ Proof of ownership interest (tax sale certificate, deed, or resolution to acquire property by voluntary conveyance)
- ☒ Resolution that public entity authorized to apply to HDSRF for the remediation of a discharge/ suspected discharge
- ☒ Comprehensive redevelopment plan or resolution (indicating a commitment exists to develop within three years following completion of the remediation)
- ☒ One original and one copy of the HDSRF application packet

75% Recreation and Conservation Grant

- ☐ HDSRF Application form (Part I)
- ☐ HDSRF General Certification (Part II)
- ☐ HDSRF Subrogation of Rights (Part III)
- ☐ Municipal Questionnaire (Part V)
- ☐ Detailed remediation Work Proposal and itemized cost estimate
- ☐ Resolution that public entity authorized to apply to HDSRF for the remediation of a discharge/suspected discharge
- ☐ Documentation indicating the property is to be preserved for recreation/conservation by conveyance of a development easement, conservation easement, or other restriction/easement permanently restricting development
- ☐ Comprehensive plan for the development or redevelopment of the subject property
- ☐ One original and one copy of the HDSRF application packet

75% Renewable Energy Grant

- ☐ HDSRF Application form (Part I)
- ☐ HDSRF General Certification (Part II)
- ☐ HDSRF Subrogation of Rights (Part III)
- ☐ Municipal Questionnaire (Part V)
- ☐ Detailed remediation Work Proposal and itemized cost estimate

75% Renewable Energy Grant (continued)

- ☐ Resolution that public entity authorized to apply to HDSRF for the remediation of a discharge/suspected discharge
- ☐ Documentation indicating the property is to be redeveloped for a project that will generate renewable energy.
- ☐ Comprehensive plan for the development or redevelopment of the subject property
- ☐ One original and one copy of the HDSRF application packet

50% Affordable Housing

- ☐ HDSRF Application form (Part I)
- ☐ HDSRF General Certification (Part II)
- ☐ HDSRF Subrogation of Rights (Part III)
- ☐ Municipal Questionnaire (Part V)
- ☐ Detailed remediation Work Proposal and itemized cost estimate
- ☐ Resolution that public entity authorized to apply to HDSRF for the remediation of a discharge/suspected discharge
- ☐ Copy of the deed for the property indicating the inclusion of the appropriate restrictions for Affordable Housing
- ☐ Comprehensive plan for the development or redevelopment of the subject property
- ☐ One original and one copy of the HDSRF application packet

25% RA Matching Grants Remedial Action Unrestricted Use

- ☐ HDSRF Application form (Part I)
- ☐ HDSRF General Certification (Part II)
- ☐ HDSRF Subrogation of Rights (Part III)
- ☐ 25% Matching Grant RA Certification (Part IV)
- ☐ Municipal Questionnaire (Part V)
- ☐ Detailed remediation Work Proposal with detailed description of remedial action and itemized cost estimate
- ☐ Resolution that public entity authorized to apply to HDSRF for the remediation of a discharge/suspected discharge
- ☐ Comprehensive redevelopment plan or resolution (indicating a commitment exists to develop within three years following completion of the remediation)
- ☐ One original and one copy of the HDSRF application packet

Loans

- ☐ HDSRF Application form (Part I)
- ☐ HDSRF General Certification (Part II)
- ☐ HDSRF Subrogation of Rights (Part III)
- ☐ Municipal Questionnaire (Part V)
- ☐ Detailed remediation Work Proposal and itemized cost estimate
- ☐ Comprehensive redevelopment plan or resolution (indicating a commitment exists to develop within three years following completion of the remediation)
- ☐ One original and one copy of the HDSRF application packet

PRIVATE ENTITIES

25% Matching Grants Remedial Action Unrestricted Use

- ☐ HDSRF Application form (Part I)
- ☐ HDSRF General Certification (Part II)
- ☐ HDSRF Subrogation of Rights (Part III)
- ☐ HDSRF 25% Matching Grant RA Certification (Part IV)
- ☐ Business and personal financial statements for the last three years
- ☐ Detailed remediation Work Proposal with detailed description of remedial action and itemized cost estimate
- ☐ One original and one copy of the HDSRF application packet

Loans

- ☐ HDSRF Application form (Part I)
- ☐ HDSRF General Certification (Part II)
- ☐ HDSRF Subrogation of Rights (Part III)
- ☐ Proof of ownership of the subject property (copy of the Deed)
- ☐ Three previous years of federal tax returns
- ☐ Detailed remediation Work Proposal with detailed description of remediation and itemized cost estimate
- ☐ One original and one copy of the HDSRF application packet

NON-PROFIT ORGANIZATIONS

PA/SI/RI Grant

- ☐ HDSRF application form (Part I)
- ☐ HDSRF General Certification (Part II)
- ☐ HDSRF Subrogation of Rights (Part III)
- ☐ Proof of ownership interest of the subject property (Deed or resolution to acquire property by voluntary conveyance)
- ☐ Documentation indicating status as a 501(c)3 non-profit organization
- ☐ Detailed remediation Work Proposal with detailed description of remediation and itemized cost estimate
- ☐ Resolution that the non-profit organization is authorized to apply to HDSRF for the remediation of a discharge/suspected discharge
- ☐ Comprehensive redevelopment plan or resolution (indicating a commitment exists to develop within three years following completion of the remediation)
- ☐ One original and one copy of the HDSRF application packet

RESOLUTION #171-2025

A RESOLUTION OF EGG HARBOR CITY APPLYING FOR AND ACCEPTING A PRELIMINARY ASSESSMENT, SITE INVESTIGATION AND REMEDIAL INVESTIGATION GRANT FROM THE HAZARDOUS DISCHARGE SITE REMEDIATION FUND MUNICIPAL PROGRAM THROUGH THE NEW JERSEY ECONOMIC DEVELOPMENT AUTHORITY AND THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND APPOINTING AN AUTHORIZED REPRESENTATIVE

WHEREAS, Egg Harbor City ("City") owns that certain real property commonly referred to as the former "Egg Harbor City Landfill" located on Antwerp Avenue in Egg Harbor City, Atlantic County, New Jersey ("Site"); and

WHEREAS, the City is applying for a grant from the Hazardous Discharge Site Remediation Fund Municipal Grant Program for the Site, through the Department of Environmental Protection ("NJDEP") and the New Jersey Economic Development Authority ("NJEDA") for a Preliminary Assessment ("PA"), Site Investigation ("SI") Remedial Investigation ("RI") grant ("HDSRF Grant") for the Site, i.e., the Site as described in the Grant application; and

WHEREAS, the City has determined that there has been, or it suspects that there has been, a discharge of hazardous substances on the Property; and is committed to the redevelopment of the site for productive reuse within three "3" years after completion of the remediation; and

WHEREAS, the City desires to submit such HDSRF Grant application to the State pursuant to N.J.S.A 58:10B-6 for a PA, SI, and RI required by the NJDEP in preparation for redevelopment of the landfill Site, and, the City agrees that any moneys received from the State as a result of such application shall be subject to State conditions, policies, regulations and rules; and

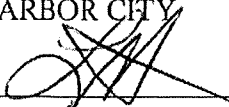
WHEREAS, it is in the interest of the City to accept such HDSRF Grant for the Site if NJDEP and NJEDA approve the City's application, for cleanup and closure of the Site.

NOW, THEREFORE, BE IT RESOLVED that the City may apply for, and may accept the HDSRF Grant, and that Lisa Jiampetti, Mayor, is hereby authorized to execute HDSRF Grant documents as authorized representative for the City.

BE IT FURTHER RESOLVED that a certified copy of this Resolution be forwarded to NJEDA upon its adoption.

ADOPTED at a meeting of the Mayor and City Council of the Egg Harbor City on October 16, 2025.

EGG HARBOR CITY



Lisa Jiampetti
MAYOR

ATTEST:



Meg Steeb, City Clerk



Resource Control Consultants

October 13, 2025

Egg Harbor City
Attn: Meg Steeb, City Clerk
500 London Avenue
Egg Harbor City, New Jersey 08215

**RE: Proposal for Preliminary Assessment & Site Investigation
Former Egg Harbor City Sanitary Landfill
Antwerp Avenue
Atlantic County, Egg Harbor City, NJ
RCC Proposal # 4654**

Dear Mrs. Steeb:

Resource Control Consultants (RCC) is pleased to present this proposal for Preliminary Assessment, Permitting, and Site Investigation activities for the Former Egg Harbor City sanitary landfill on Antwerp Avenue in Egg Harbor City, New Jersey. All services will be performed in accordance with the Landfill Regulations NJAC 7:26-et. seq., the Technical Requirements for Site Remediation NJAC 7:26E and associated regulations and guidance documents from the New Jersey Department of Environmental Protection (NJDEP) which pertain to the remediation of landfills and the permitted closure of solid waste landfills. RCC shall complete a New Jersey Pinelands Commission Development Application to permit the investigation activities described below. These plans will be submitted for NJDEP and the Pinelands Commission (PC) for review and approval.

Task A – Preliminary Assessment, Access, Database Check, Pinelands Development Application, Landfill Disruption Permit

RCC will perform a Preliminary Assessment of the subject site. RCC will gather the information included on the Preliminary Assessment data gathering checklist. In addition, RCC will obtain a report from Environmental Data Resources (EDR) that will include a search of available environmental records for the site and surrounding properties, historic aerial photos, historic topographic maps, Sanborn Fire Insurance maps (if available) and a city directory report.

Once all the required data has been obtained, RCC will prepare a Preliminary Assessment Report. The Preliminary Assessment and associated report will be prepared in accordance with the Technical Requirements for Site Remediation NJAC 7:26E, Section 3.1 Preliminary Assessment, Section 3.2 Preliminary Assessment Report and associated NJDEP guidance documents.

This task also includes the preparation of a New Jersey Pinelands Commission (NJPC) development application for the proposed installation of monitoring wells detailed below as well as a Landfill Disruption Application for wells, borings test pits, and vegetation clearing. The NJPC Development Application will include, but not be limited to a completed NJPC Development Form, application fee, copies of public

www.rccrenewal.com

PO Box 180 • Moorestown, New Jersey • 08057 • tel: 856.273.1009 • fax: 856.273.1012 • toll free 1.866.Remedi-8

Mt Holly, New Jersey

Yardley, Pennsylvania

notification documentation, and meetings with the NJPC. For all data, previous reports will be included in appendices for review in both hardcopy and electronic formats.

Task B1 – Geophysical Survey

RCC will engage a qualified geophysical subcontractor to complete the survey of the landfill. The survey will include microgravity which detects cavities and voids, spontaneous potential which helps define groundwater movement in the subsurface, seismic refraction which maps the various layers of the material in the landfill and the top of the native surface, and ground penetrating radar to detect near surface voids, utilities and other anomalies within the top 4 to 5 feet of the soil column.

The combined information obtained from these various geophysical methods will provide a “picture” of the subsurface of the landfill.

The geophysical subcontractor will prepare a written report with the results of the survey, along with various maps and cross sections depicting depths of various layers, low density zones or voids or other anomalies (e.g., underground storage tanks, building debris, piping, etc.). A final deliverable of the geophysical survey results will be provided in the Phase I/PA/SI Report.

Task B2 – Landfill Boundary Investigation

The results of the PA, geophysical survey, and existing plans will help define the assumed limits of waste disposal on the Site. To confirm the actual boundary of the waste disposal area, test pits will be excavated at locations around the assumed perimeter of the landfilled area. Approximately thirty-two (32) perimeter test pits will be excavated at locations around the Site to provide a determination of the extent of disposed waste that may require further remedial action. Test pits will be excavated to determine the lateral extent of disposed waste. Test pit depths will be determined in the field by the qualified environmental professional in charge of the investigation.

Soil samples will be analyzed for New Jersey Certified laboratory for The Target Compound List and Target Analyte List (New Jersey) (TCL/TAL NJ), hexavalent Chromium, extractable petroleum hydrocarbons (EPH), PFAS/PFOS compounds and pH. All test pits will be screened and logged.

Task C – Landfill Waste Cover Thickness Investigation

To assist in the development of remedial action/closure plans for the site, the thickness of the existing cover materials and disposed waste will be investigated. Interior test pits or borings will be excavated or advanced at approximately ten (10) locations. Borings will be advanced through the existing cover materials, and the depth of the existing cover materials will be logged. Information from this investigation and the landfill boundary investigation will be used to determine the depth and adequacy of the existing cover materials. In addition, the thickness of the waste materials will be determined by advancing borings through the waste mass to the existing soils beneath the waste, where feasible. The depth of waste across the site will be logged as well as the relative density of the in-place materials. This information will be used to determine the potential for future waste settlement and degree of degradation of the solid waste.

Soil samples will be analyzed for New Jersey Certified laboratory for The Target Compound List and Target Analyte List (New Jersey) (TCL/TAL NJ), hexavalent Chromium, EPH, PFAS/PFOS compounds and pH. All borings and/or test pits will be screened and logged.

Task D – Landfill Soils Investigation

To determine if landfill-related contaminants have impacted soils at and around the Site, test pits will be excavated both through the waste materials (as described above) and around the Site as described herein and as part of the Landfill Boundary Investigation. Soil samples will be obtained and will be compared to the Investigative criteria set forth in the Landfill Guidance Document. Soil beneath the landfilled waste may contain waste-related contaminants that will most likely be addressed using engineering and institutional controls. This investigation is intended to determine if soils impacts are present outside the waste footprint at concentrations above regulatory criteria.

Soil samples will be analyzed by a New Jersey Certified laboratory for The Target Compound List and Target Analyte List (New Jersey) (TCL/TAL NJ), hexavalent Chromium, EPH, PFAS/PFOS compounds and pH. All borings and test pits will be screened and logged.

Task E – Landfill Soil Gas Investigation

The presence of landfill gas will be evaluated both within the landfill area and at the site perimeter to determine the extent of waste degradation and maturation as well as the potential for gas migration to off-site or on-site areas. Gas samples will also be obtained to determine the landfill gas contents and to evaluate the maturation stage of the Landfill waste. Landfill gas measurements will be obtained from within test pits and/or borings during the Landfill Cover and Waste Thickness investigation described above. Measurements will be obtained for percent methane by volume, carbon dioxide, and oxygen using appropriate gas detection instruments. Landfill gas samples will be obtained from up to eleven (11) locations within the waste mass area by extracting a gas sample from within the waste mass area. These samples will be analyzed for volatile organic compounds.

Task F – Groundwater Investigation – Drilling and Surveying

This task includes all materials, equipment, manpower and subcontractor fees for RCC to install eight (8) additional groundwater monitoring wells. Wells will be 2-inches in diameter and completed with a 4-inch steel riser protector up to 2-ft above grade surface.

Well screen depths will be determined in the field by the qualified environmental professional overseeing the work. Wells will be developed and will be sampled after a minimum of two (2) weeks after installation.

Following installation all wells will be surveyed by a licensed surveyor per NJDEP requirements.

Task G – Groundwater Investigation

Significant groundwater monitoring data is available for the facility based upon previous sampling and analysis. To determine the extent of groundwater quality impacts due to landfill-related releases, a groundwater investigation will be conducted at the Site. Any existing monitoring wells at the Site will be included in the groundwater investigation and new wells will be installed as indicated above. It is proposed to install a total of eight (8) new wells to investigate groundwater in the area downgradient of the landfill. Three (3) rounds of groundwater sampling are included in this proposal.

Ground water samples from all existing wells and new wells will be analyzed for TCL+TICs/TAL, PFAS/PFOS compounds ammonia-N, nitrate-N, and total dissolved solids (TDS). Turbidity, temperature, dissolved oxygen (DO), oxidation-reduction capacity (ORP), pH, and specific conductance in the field measurements (NJDEP 2005) will also be included. Additional target analytes may be needed based on the information from the PA/site review or other information obtained from the SI.

Task H – Ecological Investigation

Because the Site is located within the Pinelands National Reserve Area, it is presumed the Site contains environmentally sensitive natural resources (ESNRs) and potential ecological receptors within the Site and areas surrounding the Site. Therefore, an Ecological Evaluation (EE) will be conducted and allowance for a detailed Ecological Evaluation has also been made within the workplan.

Task I – Data Evaluation & Reporting

A Site Investigation Report (SIR) of findings detailing procedures and results from this investigation will be prepared. The SIR will include, but not be limited to the investigation of groundwater, groundwater flow evaluation, recommendations for additional remedial investigation of soil and groundwater if required, a preliminary remedial action selection analysis, and a preliminary summary remedial action budget. All data will be included in appendices for review in both hardcopy and electronic formats.

RCC will prepare all NJDEP required forms with supporting documentation to document the PA and SI work following completion of the Tasks listed above.

Task J – Project Management

Communication is the key to the successful completion of a project, particularly when multiple parties are involved. This task includes project management by RCC for coordinating the scope, schedule, budget and subcontractors as well as communication with the client contact and regulators as necessary.

Project Pricing

RCC proposes to perform this scope of work for the price listed below on a Time & Materials basis. The price schedule for each of the tasks are as follows:

Former Egg Harbor City Landfill PA/SI	
Task	Price
A - Preliminary Assessment, Pinelands Development Permit, Access, Permits	\$23,116
B1 - Geophysical Survey	\$53,460
B2 - Landfill Boundary Investigation	\$110,677
C - Landfill Cover & Waste Thickness Investigation	\$61,187
D - Landfill Soils Investigation	\$98,087
E - Landfill Soil Gas Investigation	\$25,604
F - Groundwater Investigation - Drilling and Surveying	\$46,690
G - GW Investigation	\$84,290
H - Ecological Investigation	\$30,900
I - Data Evaluation & Reporting	\$31,485
J - Project Management	\$30,240
Total Project Budget	\$595,737

The above prices are based on the following assumptions:

1. This project will be performed on a time and materials basis for the scope outlined herein. The pricing provided assumes the following payment terms;
2. Price is based on payment within 30 days of receipt of invoice.
3. This price is valid for 90 days from the date of this proposal.
4. The property owners will allow access to the property to perform the above-specified work. Access will be available, daily, between the hours of 7:00 A.M. and 7:00 P.M.
5. All work will be conducted in level D PPE, and assumes non-union labor.
6. Changes to the proposed scope of work may affect the price quoted herein. This estimate is based on the current NJDEP Rules and Regulations.
7. The timeframe and prices noted herein for investigation activities assume subcontractor availability.
8. RCC and its subcontractors are not responsible for damage to subsurface utilities or structures not identified by NJ One-Call and/or the client.

RCC appreciates this opportunity to assist Egg Harbor City with their site remediation needs. If this proposal meets with your approval, please authorize this work by signing the authorization below and email it to andrewg@rccrenewal.com.

If you have any questions regarding this proposal, please call me at (856) 273-1009.

Sincerely,

RESOURCE CONTROL CONSULTANTS



Bryan L. Emilius, PG, LSRP
Licensed Site Remediation Professional #573675

C: Proposal File (P-4654)

Authorization of Proposal:

The above scope of work and the terms and conditions herein and in the executed Professional Services Agreement are satisfactory and are hereby accepted and authorized.

Signature

Printed Name

Title

Date