



April 30, 2025

City of Hallandale Beach
630 NW 2 Street
Hallandale Beach, FL 33009

Attn: Ms. Jocelyn Brown, Environmental Compliance & Asset Manager
P: (954) 457-3016
E: jbrown@hallandalebeachfl.gov

Re: Change Order Proposal
Supplemental Assessment Services in Support of a Site Assessment Report Addendum
Chaves Lake – NW 7th Street
Hallandale Beach, FL
CCNA RFP #2018-2019-012
Terracon Proposal No. P34257123

Dear Ms. Brown:

Terracon Consultants, Inc. (Terracon) appreciates the opportunity to submit this change order proposal to the City of Hallandale Beach (City) for supplemental assessment services in support of the development of a Site Assessment Report Addendum (SARA) for the above-referenced site. This proposal was prepared in general accordance with City of Hallandale Beach CCNA RFP #2018-2019-012. The site, known as Lake Chavez, and located at NW 8 Avenue and NW 7 Street in Hallandale Beach, Broward County, Florida, encompasses approximately 31.85 acres, comprised of approximately 4.85 acres of uplands and approximately 27 submerged acres. The Broward County Property Appraiser's (BCPA) office indicates the site to be comprised of six parcels that are identified with Parcel Identification numbers 5142-21-01-0180, 5142-21-01-0182, 5142-21-01-0200, 5142-21-01-0210, 5142-21-01-0220 and 5142-28-00-0012, and owned by the City of Hallandale Beach (City).

The attached scope of services provides fees and timeframes for completion of further investigation of site conditions to better understand impacts to soil, surface water, and sediments within the site. These data will be developed in support of further assessment and assist the City in the development of strategies to best utilize the facility with approval from Broward County Environmental Protection and Growth Management Department.

Scope of Services

(see Section 2.0 of attached proposal detail)

Supplemental assessment efforts within the Chaves Lake property which includes the following:


- Advancement of up to 18 soil borings
- Collection and analysis of up to 52 soil samples, 9 sediment samples and 8 surface water samples.
- Includes land clearing in upland areas
- Use of a barge as a sampling platform within Chaves Lake


	■ Preparation of SARA to present findings and provide recommendations, as appropriate.
Schedule (see Section 2.4 of attached proposal detail)	Delivery of report within 40 business days (approximately 8 weeks) following receipt of authorization-to-proceed.
Compensation	Lump sum of \$75,350

We appreciate the opportunity to provide our services and look forward to continuing to work with you on this project. If the proposal is acceptable to you, please provide a Work/ Task/ Purchase in a format agreeable to Terracon to authorize these services.

If you have any questions or comments regarding this proposal or require additional services, please don't hesitate to call us at 954.741.8282

Sincerely,
Terracon Consultants, Inc.


Jesse Beckles
Senior Staff Scientist


Steven A. Harrison
Principal / Environmental Services
Department Manager– Ft Lauderdale/ Miami

Attachments: Detailed Scope of Services

DETAILED SCOPE OF SERVICES

1.0 Background

Chaves Lake is located at NW 8 Avenue and NW 7 Street in Hallandale Beach, Broward County, Florida, and encompasses approximately 31.85 acres, comprised of approximately 4.85 acres of uplands and approximately 27 submerged acres. The Broward County Property Appraiser's (BCPA) office indicates the site to be comprised of six parcels that are identified with Parcel Identification numbers 5142-21-01-0180, 5142-21-01-0182, 5142-21-01-0200, 5142-21-01-0210, 5142-21-01-0220 and 5142-28-00-0012, and owned by the City of Hallandale Beach (City).

Previous assessment efforts of the Chaves Lake property by Kimberly Ann Brown & Associates, Inc. (KABA's) as reported in the *Phase I Environmental Site Assessment* (ESA) dated March 2018 determined that Chaves Lake was excavated as a borrow pit beginning as early as the 1940s. The ESA states that the Lake Harbour Cove Association Brownfield BF060401001 (historic C&D landfill property lying south of Chaves Lake) is impacted with petroleum hydrocarbons, phenols, heavy metals and ammonia and has been granted No Further Action with Conditions (NFAC with engineering and institutional controls) approval by Broward County. A Conditional Site Rehabilitation Completion Order (CSRCO) was subsequently issued.

A *Site Assessment Report* (SAR) dated January 2022 and three SAR Addenda dated April, June and September 2023 prepared for the Site by RES Florida Consulting, LLC (RES) identified impacts to upland soil, lake sediment and surface water quality. According to RES's SAR and SAR Addenda, soil samples collected from the upland area within the northern portion of the site were impacted by arsenic, benzo(a)pyrene (BaP) Equivalents, and total recoverable petroleum hydrocarbons (TRPH), and surface water has been impacted by aluminum and silver.

In September 2023, Broward County (County) requested that the City prepare a Declaration of Restrictive Covenant (DRC) package for submittal to the County for review and approval to be granted NFAC. If executed and recorded, the DRC would:

1. Prohibit recreational use of Chaves Lake and require placement of signage along the water's edge stating that fishing, swimming, and boating are prohibited,
2. Restrict land use to recreational and/or commercial/industrial use,
3. Require County review of any City construction and dewatering plans at the Site to ensure that no contaminant exposure from contaminated groundwater will occur, and
4. Prohibit reconfiguration of the existing stormwater management system at the Site without Broward County approval.

The City decided not to prepare a DRC, which would limit recreational activity on the lake, due to an existing agreement with the County that designated the lake as open park space. Instead, the City elected to conduct additional assessment of upland soil, surface water and sediment to obtain a more comprehensive understanding of soil, surface water and sediment quality associated with Chaves Lake in anticipation that exceedances of regulatory standard are not present and/or can be addressed to enable the County to remove requirements associated with conditions for approval of a No Further Action Status.

Terracon performed a Limited Site Investigation (LSI) at the site in February of 2025 in general accordance with the scope of services outlined in the Terracon Proposal No. P34247152 dated October 10, 2024. The analytical data developed during these efforts were presented to the City in a Limited Site Investigation Executive Summary dated April 16, 2025.

The findings of this LSI were presented to the City in a meeting held via Zoom on April 24, 2025. As part of the presentation of the data summary, Terracon provided recommendations for additional assessment throughout the site, which were expanded upon further discussion with the City. This proposal provides an outline of the project, Terracon's scope of services, including schedule and compensation.

2.0 Project Information

Terracon performed a LSI at the site in February of 2025 which included the advancement of 10 soil borings and the collection and analysis of 30 soil samples, 14 surface water samples and two lake sediment samples at the site. Terracon was unable to collect five of the proposed sediment samples due to the far greater than anticipated depth of the lake, the lake bottom could not be reached with the designed sampling program.

The analytical data from the LSI was submitted to the City in an Executive Summary of the Limited Site Investigation dated April 16, 2025. The scope of work completed included the following:

- Collection and analysis of 30 samples from 10 soil borings (four soil borings more than originally proposed were completed)
- Collection and analysis of 14 surface water samples (9 and 18 feet in depth) from 7 designated locations within Lake Chaves
- Collection and analysis of two of the 7 requested sediment samples (5 of the locations could not be reached as a function of lake depth of approximately 60 feet).
- Samples were analyzed for the following parameters:
 - Uplands
 - Arsenic by EPA Method 6010
 - Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270
 - Total Recoverable Petroleum Hydrocarbons (TRPH) by FL-PRO Method
 - Lake
 - Volatile Organic Compounds (VOC) by EPA Method 8260

- Semi- Volatile Organic Compounds (SVOC) by EPA Method 8270
- Eight Resource Conservation and Recovery Act (RCRA) metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver) by EPA 6010/7470A
- TRPH FL-PRO Method
- Per- and polyfluoroalkyl substances (PFAS) (3 surface water only)

The LSI data generated by Terracon are summarized in the following sections:

Upland Area Soils:

- Arsenic concentrations greater than the direct exposure residential (DER) Soil Cleanup Target Limit (SCTL) were reported in soil samples collected from soil borings TER-SB-2, TER-SB-5, and TER-SB-8.
- TRPH and PAHs, concentrations in excess of the DER SCTL were reported in the soil samples collected from soil borings TER-SB-6 and 7.
- These data confirmed that areas of affected soil, as reported in prior site assessment reports, require further delineation in support of regulatory closure.

Lake Chaves:

Surface Water

- Bis (2-Ethylhexyl) Phthalate was reported at concentrations in excess of the Freshwater Surface Water Cleanup Target Level (FSWC) in samples SWS-1 (18 feet) and SWS-5 (9 feet),
- Perfluorooctane sulfonate (PFOS) was reported in the three samples analyzed (SWS- (18 feet), SWS - (9 feet), and SWS-7(18 feet)) at concentrations in excess of the provisional surface water screening level.
- Analytical results did not verify the surface water exceedances of Silver or Aluminum in the samples analyzed, as reported in previous assessment efforts.

Sediments

- Analytical results for sediment Sample PSL-6 reported exceedances of the FDEPs Threshold Effects Level (TEL) for Benzo(a)pyrene Benzo(b)anthracene Chrysene Fluoranthene Phenanthrene and Pyrene

3.0 Scope of Services

At your request, the proposed scope of services included within this change order was developed to provide additional assessment efforts to address the findings of Terracon's LSI and the City's desire to obtain data for the site as expressed in the meeting of April 24, 2025.

3.1 Objectives

The objective of the proposed supplemental sampling effort is to:

- Further assess the upland area better understand the distribution of impacted soil for improved remedial considerations (method, timing and budget).
- Collection of additional surface water samples from the lake at three depth intervals to assess water quality given the greater than anticipated depth of the lake,
- Collection of eight sediment samples to understand sediment quality
- Collection of soil surface water and sediment samples from the creek/drainage area at the western property boundary of the upland area of the site.

3.2 Site Access, Safety, Subsurface Utilities, and Traffic Control

3.2.1 Site Access

Terracon must be granted access to the site by the property owner. By acceptance of this proposal, without information to the contrary, we consider this as authorization to access the property for conducting field exploration in accordance with the Scope of Services. Our proposed fees do not include time to negotiate and coordinate access with landowners or tenants. The Client shall secure all necessary site related approvals, permits, licenses, and consents necessary to commence and complete the Services and will execute any necessary site access agreement.

Terracon will conduct field services during normal business hours (Monday through Friday between 8:00am and 5:00pm). If our exploration must take place over the weekend or at night, please contact us so we can adjust our schedule and fee.

3.2.2 Safety

Terracon is committed to the safety of all its employees. As such, and in accordance with our Incident and Injury Free® safety goals, Terracon will conduct the fieldwork under a site-specific health and safety plan. The plan will identify site-specific job hazards and proper pre-task planning and mitigation procedures.

The Client will notify Terracon, prior to mobilization, of any restrictions, special site access requirements, or known potentially hazardous conditions at the site (e.g., hazardous materials or processes, specialized protective equipment requirements, unsound structural conditions).

Field services will be performed in Occupational Safety and Health Administration (OSHA) Level D attire. The Client will be responsible for additional costs should an upgrade to personal protective equipment be required due to conditions encountered at site consistent with OSHA regulations.

Terracon will be responsible for supervision and site safety measures for its own employees but shall not be responsible for the supervision or health and safety precautions for any third parties, including the client contractors, subcontractors, or other parties present at the site.

In addition, retains the right to stop work without penalty at any time Terracon believes it is in the best interests of Terracon's employees or subcontractors to do so to reduce the risk of exposure to the coronavirus. The Client agrees it will respond quickly to all requests for information made by Terracon related to Terracon's pre-task planning and risk assessment processes. The Client acknowledges its responsibility for notifying Terracon of any circumstances that present a risk of exposure to the coronavirus or individuals who have tested positive for COVID-19 or are self-quarantining due to exhibiting symptoms associated with the coronavirus.

3.2.3 Subsurface Utilities

Exploration efforts require borings (and possibly excavations) into the subsurface, therefore Terracon will comply with local regulations to request a utility location for the site through the state of FL's utility locating service. Terracon will consult with the landowner/client regarding potential utilities or other unmarked underground hazards, and specifically, requests drawings/as-built plans for the site to indicate where private underground utilities and improvements are located. Based upon the results of this consultation, we will consider the need for alternative subsurface exploration methods as the safety of our field crew is a priority.

Private utilities should be marked by the owner/client prior to commencement of field exploration, as it is the Client's responsibility to provide information regarding public or private utilities not included in the Sunshine 811 request. Terracon will not be responsible or assume liability for damage to private utilities not disclosed to us.

Drilling efforts for this project require borings into the subsurface, therefore, Terracon will comply with local regulations to request a utility location for the site through the state of Florida's utility locating service, Sunshine 811. No later than 72 hours prior to intrusive activities, the drilling contractor will also contact the public utility locator Sunshine 811 to arrange for underground utility locates at the above referenced site. It is the Client's responsibility to provide information regarding public or private utilities not included in the Sunshine 811 request and Terracon formally requests that building plans for underground piping be provided; Terracon cannot be responsible or assume liability for utilities which are unmarked and of which we are not aware. It is further requested that a site representative conduct a walk-through of the site with our team to inspect the drilling locations for potential subsurface conflicts of which we are not aware.

Ground Penetrating Radar Survey

The presence of underground utilities poses significant potential risk to those working on site, as well as to the protection of the infrastructure for the site. Terracon will further investigate underground utilities through the performance of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) investigation to assess utility conflicts within the areas of the drilling locations prior to drilling. Terracon cannot be responsible or assume liability for utilities of which it is not aware.

3.2.4 Traffic control

Given the fact that the proposed sampling locations will be advanced within the property boundaries, traffic control will primarily consist of the use of traffic cones deployed around soil boring advancement equipment. In addition, Terracon personnel will employ approved spotting techniques during equipment mobilization and movement within the site.

3.3 Field Exploration, Sampling and Laboratory Analytical Program

Based on these findings, and discussion with the City, Terracon recommends additional assessment to better understand impacts within the varied media (upland soil, surface water and lake sediment) and areas of the concern at the site. The additional assessment includes the following:

- Uplands - Additional Soil Assessment
 - Advance 10 soil borings
 - Collection of 20 soil samples for analysis of Arsenic, TRPH, and PAHs.
 - Collection of 15 soil samples for analysis of Arsenic by the Synthetic Precipitation Leaching Procedure (SPLP)
- Uplands Creek/Drainage – Surface Water and Sediment Assessment
 - Advance eight soil borings within area of stormwater drainage
 - Collection of 32 soil samples for laboratory analysis
 - Collection of two stormwater samples for laboratory analysis; one from standing water and one from flowing water (rain event), if possible.
 - Collection of one sediment sample from bottom of stormwater conveyance for laboratory analysis
- Lake Sampling – Surface Water and Sediment
 - Collection and analysis of seven sediment samples
 - Collection and analysis of six surface water samples (2 locations – three depths each)

The proposed sampling locations may be modified in the field to account for utility clearance, access limitations, and/or site conditions. The Client will be notified of any significant modifications to the sampling locations.

3.3.1 Soil Boring Advancement

Terracon proposes to advance up to 18 soil borings at the site to confirm and expand upon the previous assessment efforts. The soil borings will be advanced during a two-day effort utilizing direct-push drilling technology (Geoprobe®) or hand augers at locations that are not accessible to a drill rig, to a depth approximately 6 to 8 feet below ground surface (bgs), 2 feet below the groundwater interface, which is anticipated to range from 4 to 6 feet bgs.

The soil borings will be advanced as described below to confirm and further assess the areas of concern:

- Eight soil borings within the western portion of the site property to assess creek /drainage area conditions.
- Ten samples across the upland areas of the site for further assessment of arsenic, PAHs and TRPH impacts.

Brush clearing will be conducted to provide access is included during a one day clearing effort.

3.3.2 Soil Sample Collection

Soil samples will be collected in general accordance with Florida Department of Environmental Protection (DEP) / Standard Operating Procedures (SOP) 001/01, FS3000. Soil will be retrieved in 4 -foot acetate liners from the direct push Macrocore (MC-5) sampler and segregated into 2-foot sections to be visually inspected for staining, odor, and lithology. Observations to be noted on boring logs.

Soil samples will be collected from two-foot intervals bgs at each soil boring for laboratory analysis to assess for the presence of constituents of concern. Soil samples will be placed into pre-cleaned, laboratory provided containers, stored in a chest with ice and delivered using chain-of-custody protocol to a Florida Department of Health (FDOH)-certified and National Environmental Laboratory Accreditation Program (NELAP) compliant subcontracted laboratory for analysis of the parameters provided in the Laboratory Analytical Program Section.

3.3.3 Surface Water and Lake Bottom Sediment Sampling

Terracon proposes to collect surface water samples from two locations and lake bottom sediment from seven locations during a 2-day sampling event.

Samples will be collected by a 2-man team from a sampling barge, with a land based third person to support the team and provide safety oversight.

- Water samples will be collected from three intervals with depth specific surface water sampling equipment; estimated depths include 15, 40, and 55 feet. Dissolved oxygen and pH will be measured in the surface water as part of the sampling procedure.
- Sediment samples will be collected using a sludge sampler with extensions, or ponar dredge, as appropriate.

3.3.4 Investigation-derived Waste

Investigation-derived waste (IDW) is not expected to be produced during the above proposed activities due to the use of DPT drilling that minimizes the return of drill cuttings. Any cuttings that are produced will be spread in the vicinity of the boring/well whence they originate. Development and purge water from drilling and sampling will be discharged to the area of the well or allowed to evaporate on paved surfaces.

3.3.5 Laboratory Analytical Program

Samples collected during the investigation will be submitted to the analytical laboratory under chain-of-custody procedures for standard laboratory turnaround time of 5-7 business days.

The parameters will provide for further assessment of chemicals of concern. The laboratory analytical program will include the analysis parameters listed below at each designated areas of concern:

- Upland Soil Samples
 - 20 soil samples for arsenic by EPA Method 6010
 - 15 Soil samples for Arsenic by SPLP
 - 20 soil samples for TRPH by FL-PRO Method and PAH by EPA Method 8270

- Creek/Drainage Area – Eight soil borings
 Four samples collected from each soil boring for a total of 32 samples.
 - VOCs by EPA Method 8260
 - PAHs by EPA Method 8270
 - TRPH by FL-PRO Method
 - Eight RCRA Metals by EPA Method 6010/7470

- Lake Chaves - surface water locations
 Two locations with three depths per location
 - VOCs by EPA Method 8260
 - SVOCs by EPA Method 8270 full list
 - Eight RCRA Metals, by EPA Method 6010/7471
 - TRPH by FL-PRO Method
 - Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) by EPA Method 1633

- Two surface water samples in the creek/drainage area.
 - VOCs by EPA Method 8260
 - SVOCs by EPA Method 8270 full list
 - Eight RCRA Metals, by EPA Method 6010/7471
 - TRPH by FL-PRO Method
 - PFAS by EPA Method 1633 (one sample plus one equipment blank)

- Sediment locations – seven lake bottom and one stormwater conveyance
 - VOCs by EPA Method 8260
 - SVOCs by EPA Method 8270 full list
 - Eight RCRA Metals by EPA Method 6010/7471
 - TRPH by FL-PRO Method
 - PFAS by EPA Method 1633 (three lake bottom sediment samples)

The following table provides a summary of the number of samples to be analyzed:

Analysis	Sample Type	No. of Samples	Method
Soil Samples			

Total Arsenic	Soil	20	EPA Method 6010/7471
Arsenic TCLP/SPLP	Soil	15	EPA Method 1312/6010
VOCs	Soil	32	EPA Method 8260
TRPH	Soil	52	FL-PRO Method
Eight RCRA Metals	Soil	32	EPA Method 6010/7470
SVOCs	Soil	32	EPA Method 8270 full list
PAH	Soil	20	EPA Method 8270
Surface Water Samples			
VOCs	Surface Water	8	EPA Method 8260
SVOCs	Surface Water	8	EPA Method 8270 full list
TRPH	Surface Water	8	FL-PRO Method
Eight RCRA Metals	Surface Water	8	EPA Method 6010/7470
PFAS	Surface Water	2	EPA Method 1633
Lake/ Stormwater Conveyance Sediment Samples			
VOCs	Lake Sediment	8	EPA Method 8260
SVOCs	Lake Sediment	8	EPA Method 8270 full list
TRPH	Lake Sediment	8	FL-PRO Method
Eight RCRA Metals	Lake Sediment	8	EPA Method 6010/7470
PFAS	Lake Sediment	3	EPA Method 1633

3.4 Data Evaluation and Project Delivery – Report Preparation

Following the completion of field exploration activities and receipt, the data will be analyzed with respect to the proposed use of the property, as indicated by the Client. The results of the field observations and data analysis review will be discussed with the Client.

Terracon will prepare a Site Assessment Report Addendum (SARA) in support of the City's efforts to best utilize Chaves Lake as a recreational facility.

The SARA report will include the following:

- Documentation of field activities
- Site plan showing pertinent site features
- Project Methodologies
- Soil boring logs
- Monitoring well construction logs
- Groundwater sampling logs
- Analytical laboratory reports
- Data Evaluation and presentation of findings
- Recommendations concerning further action, if necessary

The final written report will reflect results, findings, and recommendations, and, as such, will take precedence over any verbal reports that Terracon personnel may have provided. The analysis, comments and recommendations presented in the final written report will be based on the information collected as discussed in this proposal.

If soil, groundwater, or other environmental releases discovered during the LSI, the owner, operator, or similar responsible party may have release reporting obligations under applicable state law or regulations.

4.0 Project Schedule and Compensation

It is estimated that the LSI report will be submitted to the client within 40 business days following the receipt of the final analytical results from the laboratory subcontractors. The actual project schedule will be based on the availability of environmental drillers and other subcontractors. If schedule delays are anticipated based on subcontractor availability, weather, and/or encountered site conditions the City, will be contacted to discuss changes in the schedule.

The Scope of Services outlined in this change order proposal will be conducted for a lump sum fee of \$75,350, with a breakdown of the sections of the services in the following table. If, as a result of these services, additional services are required that are outside the scope of this proposal, you will be contacted to discuss associated costs. Client authorization will be obtained prior to commencement of additional services outside the scope of this proposal.

ESTIMATED CHANGE ORDER BUDGET	
TASK	Costs
Task 1 – Project Coordination/Orchestration in support of supplemental consulting services	\$5,000
Task 2 – Supplemental Investigation Upland <ul style="list-style-type: none"> - Assessment within upland to further assess arsenic and TRPH and PAH compounds. - Oversight/supervision of drilling efforts, field coordination, soil and groundwater sampling, and sampling equipment and supplies - Drilling of soil borings – One day - Laboratory Analysis - Reporting Surface Water and Sediments <ul style="list-style-type: none"> - Assessment of surface water and sediments within lake - Two days use of barge to access deep sampling locations - Collection of surface water and sediment sampling - Laboratory Analysis - Reporting 	\$48,700
Task 3 – Assessment of Drainage Portion of Upland – West Side <ul style="list-style-type: none"> - Assessment for constituents of concern - Oversight/supervision of drilling efforts, field coordination, soil and groundwater sampling, and sampling equipment and supplies - Drilling of soil borings – One day - Laboratory Analysis - Clearing of land (one day) to create access - Reporting 	\$16,650
Task 6 – Supplemental Consulting Services, meetings, presentations, regulatory interaction	\$5,000
ESTIMATED CHANGE ORDER BUDGET	\$75,350

5.0 Standard of Care, Assumptions, Additional Scope Limitations and Reliance

5.1 Standard of Care

Terracon's services will be performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time. Terracon makes no warranties, express or implied, regarding the findings, conclusions, or recommendations. Terracon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report. These services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal.

The scope of services and estimated fee were based on the assumptions and limitations noted below.

5.2 Assumptions

- The site is readily accessible by truck.
- Client will notify Terracon, prior to mobilization, of any restrictions, special site access requirements, or known potentially hazardous conditions at the site (e.g., hazardous materials or processes, specialized protective equipment requirements, unsound structural conditions, etc.). Field services will be performed in Level D personal protective equipment (PPE). Client will be responsible for additional costs should an upgrade to PPE be required due to conditions encountered at site.
- Public utilities will be located using applicable state, regional, and/or local utility locate services or one-call centers. Location of utilities on private land that are not located by these public services will be the responsibility of the client and/or property owner/operator.
- Services can be performed during normal business hours (Monday through Friday, 8:00 am to 5:00 pm).
- Traffic control services are not required beyond what is stated under Section 2.2.4.

If any of these assumptions or conditions are not accurate or change during the project, the stated fee is subject to change.

5.3 Additional Scope Limitations

Certain indicators of subsurface impacts may be inaccessible, nondetectable, or not present during these services, and we cannot represent that the site contains no hazardous substances, petroleum products, or other latent conditions beyond those identified during this LSI. Subsurface conditions are subject to spatial and temporal variability. Our findings,

conclusions, and recommendations will be based solely upon data obtained at the time and within the scope of these services.

This report will be prepared for the exclusive use of the City of Hallandale Beach, any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of the City and Terracon. Any unauthorized distribution or reuse is at the City's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the proposal, LSI report, and our CCNA Agreement with the City. The limitation of liability defined in the terms and conditions is the aggregate limit of Terracon's liability to the City and all relying parties unless otherwise agreed in writing. Reliance is subject to an additional fee per Relying Party. Terracon will contact the City to discuss the fee if additional parties require Reliance.

Change Order Proposal for Supplemental Assessment Services
Lake Chaves-Supplemental Assessment | Hallandale Beach, FL
April 30, 2025 | Terracon Proposal No. P34257123

