

**AMENDMENT NO. 1
TO
AGREEMENT BETWEEN THE CITY OF COLUMBIA, MISSOURI
AND WEAVER CONSULTANT GROUP.**

**COLUMBIA SANITARY LANDFILL HORIZONTAL EXPANSION
PERMITTING PROJECT – PHASE II**

THIS AMENDMENT (“Amendment”) by and between the City of Columbia, Missouri (“City”) and **Weaver Consultants Group, LLC.**, (“Engineer”) is entered into on the date of the last signatory noted below (the “Effective Date”).

Whereas, The City and Engineer entered an agreement for landfill horizontal expansion permitting on August 7, 2019 (“Agreement”);

Whereas, the City and Engineer agree that certain additional services not contemplated at the time the Agreement was entered are necessary for completion of the mapping;

Therefore, the City and Engineer agree to amend the Agreement as indicated herein.

- 1. Paragraph 2.1.1 of the Agreement is amended to add the following sentence:

In addition, perform professional engineering services set forth in Attachment D – “Supplemental No. 1 Scope of Additional Engineering Service,” attached to Amendment No. 1 to the Agreement.

- 2. Paragraph 6.1.1.6 of the Agreement is amended to read as follows:

6.1.1.6 Total payment for Scope of Basic Services and all other expenses and costs to CITY under this Agreement and described herein **shall not exceed \$1,565,679.00.**

- 3. Paragraph 7.16 of the Agreement is amended to read as follows:

7.16 Agreement Documents
 This Agreement includes the following exhibits, which are incorporated herein by reference:

Exhibit	Description
A	Scope of Work
B	Hourly Fee Schedule
C	Work Authorization Affidavit
D	Supplemental No. 1 Scope of Additional Engineering Service

In the event of a conflict between the terms and conditions of this Agreement and any attachment hereto, the terms contained in this Agreement shall prevail and the terms contained in any attachment shall subsequently prevail in the following order: A, D B, C.

4. The terms and conditions of the Agreement are modified as specifically set forth above. All other provisions of the Agreement, to the extent not inconsistent with this Amendment, remain in full force and effect.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, City and Engineer have executed this Amendment No. 1 on the day and year first above written.

City OF COLUMBIA, MISSOURI

By: _____
John Glascock, City Manager

Date: _____

ATTESTED BY:

Sheela Amin, City Clerk

APPROVED AS TO FORM:

Nancy Thompson, City Counselor *JRM*

CERTIFICATION: I hereby certify that the above expenditure is within the purpose of the appropriation to which it is charged, Account No. **55716588-604990 RF061**, and that there is an unencumbered balance to the credit of such appropriation sufficient to pay therefor.

By: _____
Director of Finance

WEAVER CONSULTANTS GROUP, LLC

By: *mbeech*

Date: *11/10/20*

ATTEST:

By: *Dustin Thener*

Name: *Dustin Thener*



EXHIBIT D

December 24, 2019

Mr. Adam White
Landfill Superintendent – Acting Solid Waste Manager
City of Columbia Landfill
5700 Peabody Road
Columbia, Missouri 65202

Re: Change Order Estimate
Columbia Sanitary Landfill Horizontal Expansion Permitting Project – Phase II (Agreement dated August 5, 2019)

Dear Mr. White:

Weaver Consultants Group (WCG) has prepared this estimate of cost to cover additional drilling required by the Missouri Department of Natural Resources (MDNR) Geologic Support Program (GSP) for the Detailed Site Investigation (DSI) occurring at the Columbia Landfill. The initial DSI Work Plan was approved by the MDNR-GSP on May 24, 2019. The work plan required the completion of approximately 5,085 feet total of drilling activities, or to a maximum estimated depth of approximately 155 feet for a given location. During the initial drilling, the MDNR-GSP required borings to be drilled approximately 50 feet below a marker bed that the MDNR-GSP determined was not part of the bedrock monitoring zone, which differs from the rock monitoring wells in the northern portion of the facility.

After the initial drilling phase, the findings were presented to the MDNR-GSP and a progress meeting was held on October 1, 2019. The MDNR-GSP required that the saturated portion of the bedrock monitoring zone be characterized as the uppermost aquifer. As a result, the MDNR-GSP required drilling to the base of the formation that is the bedrock monitoring zone and extend piezometers approximately 20 feet into the saturated zone of this monitoring zone based on the results of the deep borings extended to the lower confining layer of the bedrock monitoring zone. As a result, the revised estimated total drilling footage is approximately 7,755 feet with a maximum depth of approximately 385 feet for a given location. The increase in total footage (2,670 feet) is approximately a 53% increase over the approved work plan footage. Since the additional drilling requirements were communicated by MDNR-GSP, drilling crews have been performing the borings at the deeper, required depths since the meeting.

WCG requested an estimate of costs from our drilling contractor to complete the additional drilling. The original cost estimate for the DSI portion of the expansion project approved on August 15, 2019 was \$916,953. The estimated cost to complete the additional piezometer installations in the bedrock is \$493,667, an approximate 54% budget increase.

Mr. Adam White
December 24, 2019
Page 2

WCG proposes to complete the additional drilling and investigation needed for the DSI at an additional cost of **\$493,667** on a Time and Materials basis.

WCG appreciates the opportunity to work with the City of Columbia on this important project. Please contact Dustin Thoenen or myself if you have any questions or need additional information.

Sincerely,

Weaver Consultants Group, LLC



Andrew Limmer, P.G.
Senior Project Manager



Dustin Thoenen, P.E.
Project Manager