

# AMENDMENT TO AGREEMENT

Amendment dated June 28, 2023.

The Agreement for Professional Services made as of March 5, 2021, between the City of West Allis, 7525 West Greenfield Avenue, West Allis, Wisconsin 53214 (OWNER) and Ayres Associates Inc, 3376 Packerland Drive, Ashwaubenon, Wisconsin 54115 (CONSULTANT) is hereby amended as set forth below.

CONSULTANT shall provide professional services associated with the site identified as the West Allis Landfill, Wisconsin Department of Natural Resources Facility Identification (FID) Number 24120540, License #1718, located at 11241 West Lincoln Avenue, West Allis, Wisconsin, and as described below (hereinafter called the Project). The approximately 13-acre site and the locations of groundwater and gas monitoring points are shown in Exhibit A.

This amendment extends CONSULTANT services for an additional three years (2024 to 2026) and modifies the scope and compensation of existing Project tasks as follows:

## **Task 1: Groundwater Sampling**

CONSULTANT will conduct annual monitoring of the ten (10) monitoring wells in accordance with conditions stated in the Closure Plan Modification Conditional Approval dated March 23, 2021. See Exhibit B.

Field data collected and the laboratory analysis results will be submitted electronically to the WDNR (Southeast District) project hydrogeologist and Project solid waste engineer following each sampling event. Additionally, the data will be compiled in a specific format by the laboratory to fulfill the WDNR's Groundwater and Environmental Monitoring (GEMS) Systems online database criteria and submitted to the WDNR Bureau of Waste and Materials Management, Madison, Wisconsin. A total of three (3) rounds of monitoring and database submissions will be completed during this 3-year contract period. Sampling activities will occur annually in March.

## **Task 2: Methane Gas Sampling**

CONSULTANT will sample the eight (8) methane gas monitoring wells once per year in accordance with the Closure Plan Modification Conditional Approval dated March 23, 2021. See Exhibit B.

Data collected from the wells will include methane gas (% by volume), oxygen (% by volume), soil gas pressure (in of water), gas temperature (deg F), barometric pressure (mm of Hg), and ambient air temperature. The date and time of sampling, barometric pressure (and trend), ambient air temperature (deg F), and trend in parametric pressure. A total of three (3) rounds of sampling will be conducted during this 3-year contract period. Sampling activities will occur annually in March.

The data collected during sampling of the methane gas will be tabulated and then submitted to the contracted laboratory for conversion to the GEMS format. Upon completing those activities, the digital data will be forwarded to both the WDNR (Southeast District) Solid Waste Engineer and the WDNR Bureau of Waste and Materials Management, Madison, Wisconsin.

## **Task 3: Reporting**

Following each monitoring event CONSULTANT will prepare a report for the City of West Allis and the WDNR Southeast District Solid Waste Engineer, which includes:

- Tabulated data tables
- WDNR Lab Certification form 4400-231
- Summary report of results

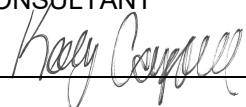
Upon completing those activities, an electronic and hardcopy version of the report will be forwarded to the WDNR (Southeast District) Solid Waste Engineer and the City.

**Estimated Fees**

TASK	COMPENSATION
Task 1 Groundwater Sampling (3 rounds, 1 per year)	\$6,600
Task 2 Methane Gas Sampling (3 rounds, 1 per year)	\$2,600
Task 3 Reporting and Project Coordination	\$6,850
Laboratory Analysis	\$3,450

*Total Compensation under this Amendment* \$19,500

In Witness Whereof, the parties hereto have made and executed this Amendment to Agreement as of the day and year first written above.

City of West Allis		Ayres Associates Inc
OWNER		CONSULTANT
_____	(Signature)	
Dave Wepking	(Typed Name)	Keely Campbell, PG
_____	(Title)	Manager – Development Services Midwest
Director of Public Works	(Date)	June 28, 2023
_____		

Signature \_\_\_\_\_

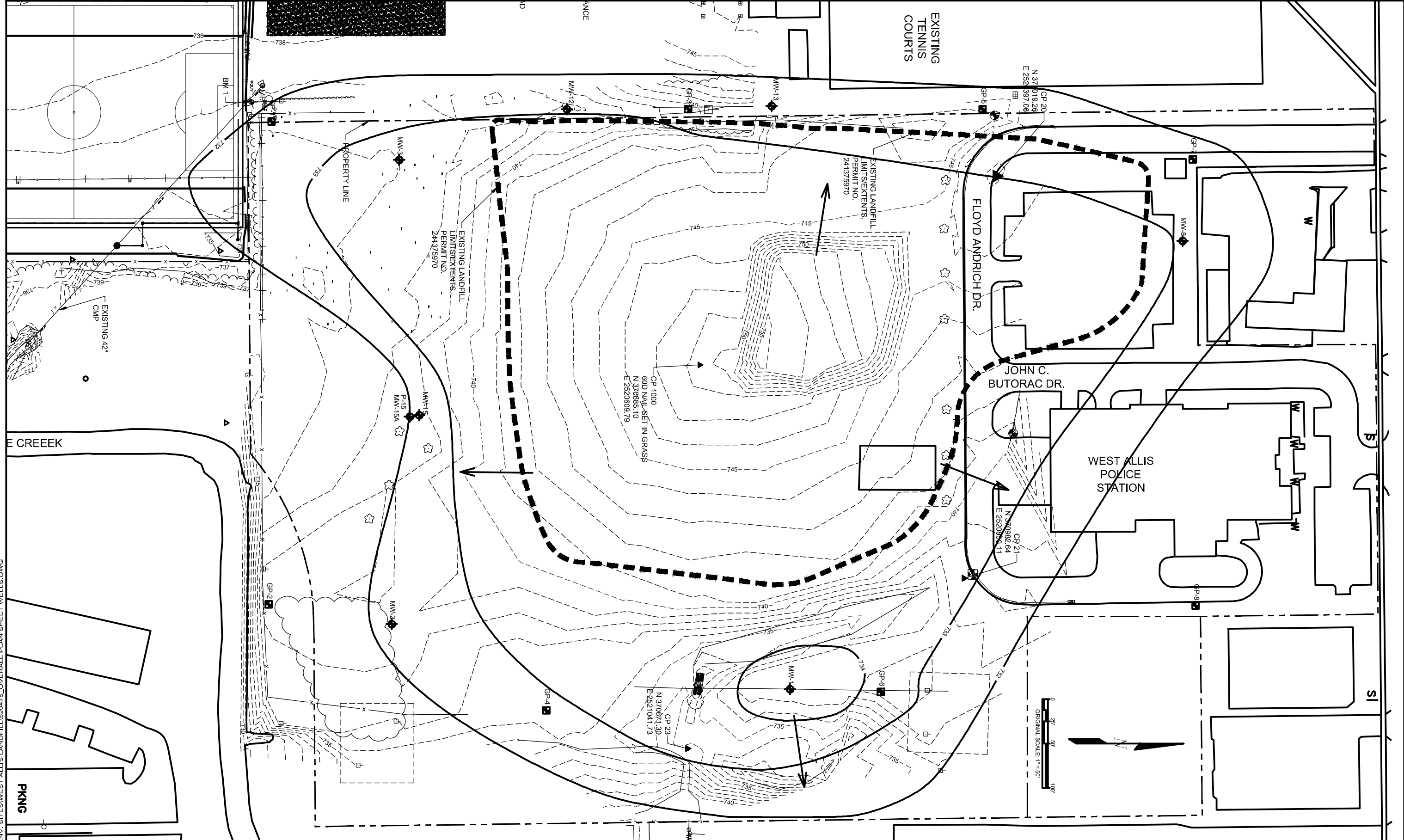
Name: Sheryl Kuhary

Title: Assistant City Attorney

COMPTROLLER'S CERTIFICATE

I certify that the necessary funds have been provided to pay the liability that may be incurred by the City of West Allis under this Contract.

\_\_\_\_\_  
Jason Kaczmarek  
Director of Finance/Comptroller



March 25, 2019  
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DES BY	E. THOMPSON	BOOK NO	
DR BY	T. SHUPERT	JOB NO	51-0261.60
CHK BY	B. HONEA	DATE	MARCH 2019
		NO	DATE
		REVISION	NO DATE
			REVISION

**GROUNDWATER MONITORING PLAN MODIFICATION**  
**WEST ALLIS LANDFILL # 241375970**  
**WEST ALLIS, WI**



**GROUNDWATER CONTOUR MAP (MARCH 2019)**  
 DRAWING NO. **FIG. 4**  
 SHEET NO.

**TABLE 1  
 VILLAGE OF WEST ALLIS LANDFILL  
 GROUNDWATER MONITORING REQUIREMENTS**

Monitoring data will be reported to the department in the proper electronic format specified by the department, in accordance with s. NR 507.26(3), Wis. Adm. Code.

<b>TABLE 1: GROUNDWATER MONITORING ( Lic # 1718)</b>		
<b>Wells (DNR ID#/ WUWN)</b>	<b>Frequency</b>	<b>Parameters*</b>
MW-1 (201/ GN919) MW-2 (202/ GN920) MW-3 (203/ GN921) MW-8 (208/ GN926) MW-12 (212/ GN930) MW-13 (213/ GN931) MW-15 (216/ GN934) P-15 (217/ GN935)	<u>Annually</u>  (March)	00010 Field Temperature in °C 00094 Field Conductivity @25°C 00400 Field pH 00941 Chloride, Dissolved 00946 Sulfate, Dissolved 1000 Arsenic, Dissolved 1145 Selenium, Dissolved 04189 Groundwater Elev. (ft. MSL) 22413 Hardness, Total Filtered 39036 Alkalinity, Total Filtered  Note: Comment on sample odor (00001), color (00002) and turbidity (00003), if present
MW-10 (210/ GN928) MW-11 (211/ GN929)	<u>Annually</u>  (March)	04189 Groundwater Elev. (ft. MSL)

\* In accordance with Condition 3 of this approval, all wells except MW-10 and MW-11 shall be additionally monitored for dissolved molybdenum and dissolved boron for two consecutive rounds. Following the second monitoring round, the need for continued monitoring of these constituents will be evaluated.

**TABLE 2**  
**VILLAGE OF WEST ALLIS LANDFILL**  
**LANDFILL GAS MONITORING REQUIREMENTS**

Monitoring data will be reported to the department in the proper electronic format specified by the department, in accordance with s. NR 507.26(3), Wis. Adm. Code.

<b>TABLE 2: LANDFILL GAS MONITORING ( Lic # 1718)</b>		
<b>Wells (DNR ID#)</b>	<b>Frequency</b>	<b>Parameters</b>
<b>Gas Probes</b>		
GP-1 (701) GP-2 (702) GP-3 (703) GP-4 (704) GP-5 (705) GP-6 (706) GP-7 (707) GP-8 (708)	<u>Annually</u>  (March)	46839 Soil Gas Pressure (Inches of Water Column) 85547 Percent Methane, by volume 85550 Percent Oxygen, by volume 46388 Gas Temperature (deg. F) (report air temperature in probe if no landfill gas is present)
<b>Site Conditions</b>		
GP-Site (799)	<u>Annually</u>  (March)	00011 Ambient Air Temperature (deg. F) 00025 Barometric Pressure (mm of Hg) 46381 Trend in Barometric Pressure