

AMENDMENT TO AGREEMENT

Amendment dated March 5, 2021

The Agreement for Professional Services made as of February 12, 2018, 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 (2021 to 2023) and modifies the scope and compensation of existing Project tasks as follows:

Task 1: Groundwater Sampling

CONSULTANT will conduct annual sampling of the ten (10) groundwater monitoring wells in accordance with conditions stated in the monitoring plan submitted to the WDNR on September 3, 2020, and revised October 27, 2020. See Exhibit B. Sampling activities will typically occur annually in March or April.

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 groundwater 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.

Task 2: Methane Gas Sampling

CONSULTANT will sample the eight (8) methane gas monitoring wells once per year in accordance with the WDNR's "Conditional Closure Plan Modification Approval" letter dated June 16, 2004.

Data collected from the wells will include methane gas (% by volume), oxygen (% by volume), carbon dioxide (% by volume), barometric pressure, and ambient air temperature. The date and time of sampling, barometric pressure (and trend), ambient air temperature, and surface conditions in the wells' vicinity are also to be recorded. A total of three (3) rounds of sampling will be conducted during this 3-year contract period.

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.

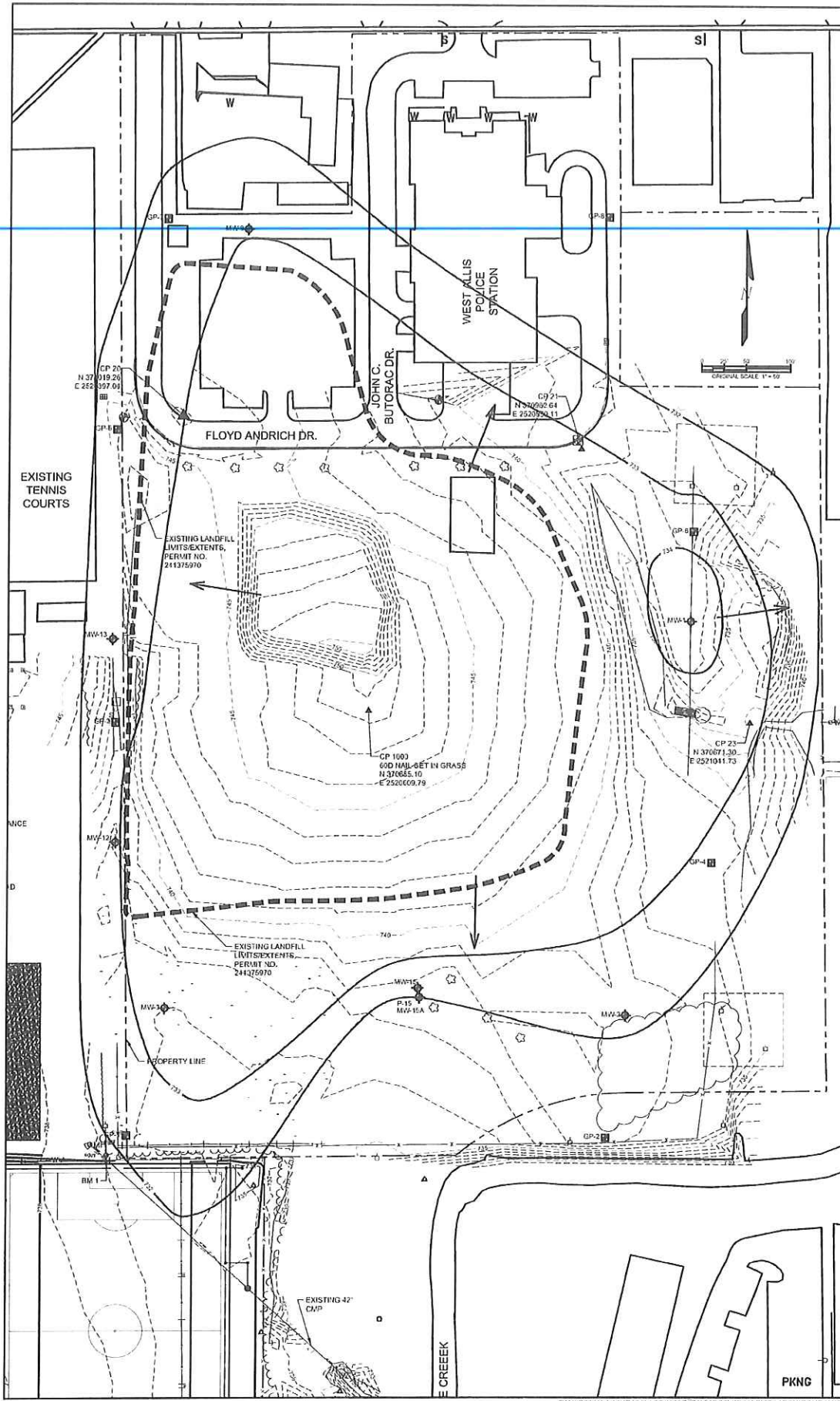
Estimated Fees

TASK	COMPENSATION
Task 1 Groundwater Sampling (3 rounds, 1 per year)	\$6,700
Task 2 Methane Gas Sampling (3 rounds, 1 per year)	\$3,000
Task 3 Reporting and Project Coordination	\$7,200
Laboratory Analysis	\$2,000

Total Compensation under this Amendment \$18,900

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

<u>City of West Ains</u> OWNER <u>Davis Wepking</u> (Signature) <u>DAVIS Wepking</u> (Typed Name) <u>Director</u> (Title) <u>Apr. 19, 2021</u> (Date)	<u>Ayres Associates Inc</u> CONSULTANT <u>Jeffrey C. Steiner</u> (Signature) <u>Jeffrey C. Steiner, PG, PH, CPG</u> (Typed Name) <u>Senior Hydrogeologist/Project Manager</u> (Title) <u>March 8, 2021</u> (Date)
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DRAWING NO. **FIG. 4**
 SHEET NO.

GROUNDWATER CONTOUR MAP (MARCH 2019)

AVRES ASSOCIATES
 WATER/PAW/WOODRIDGE

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

NO.	DATE	REVISION

NO.	DATE	REVISION

March 20, 2019
 AVRES ASSOCIATES ENGINEERS & SURVEYORS
 11111 W. WISCONSIN AVE., SUITE 100, WEST ALLIS, WI 53227

Table 3
Proposed Ground Water Monitoring Program
City of West Allis Landfill – License #1718

Wells	DNR ID No.	WUWN	Frequency	Parameter Code/Parameter
MW-1	201	GN919	Annual	Indicator Parameters: 72020 Ground Water Elevation (msl) 00010 Water Temperature (°C) 00094 Conductivity @ 25°C (µmhos/cm) 00400 pH 22413 Total Hardness (filtered) 39036 Total Alkalinity (filtered) 70295 Total Dissolved Solids (filtered) Public Welfare Parameters: 00940 Chloride (filtered) 00946 Sulfate (filtered) Public Health Parameters: 01000 Arsenic (filtered) 01145 Selenium (filtered)
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		
MW-10	210	GN928	Annual	72020 Ground Water Elevation (msl)
MW-11	211	GN929		

Note sample odor (00001), color (00002), and turbidity (00003) at the time of sampling.