

# AMENDMENT TO AGREEMENT

Amendment dated January 10, 2019

The Agreement for Professional Services made as of October 18, 2017 between City of West Allis, 7525 West Greenfield Avenue, West Allis, Wisconsin 53214 (OWNER) and Ayres Associates Inc, N17W24222 Riverwood Drive Suite 310, Waukesha, Wisconsin 53188 (CONSULTANT) is hereby amended as set forth below.

## **Background**

The purpose of this amendment is to provide NR 716 Site Investigation reporting, site closure reporting, and monitoring well abandonment services for the South 84<sup>th</sup> Street and West National Avenue site in West Allis, Wisconsin.

## **Project Description**

### *Investigation Report*

Soil and groundwater data obtained since contamination was initially encountered in October 2014 during roadway improvement activities will be analyzed and interpreted by CONSULTANT for inclusion in an NR 716 Site Investigation report. The objectives of the analysis will be to determine the presence and significance of impacts to soil and groundwater at the intersection of South 84<sup>th</sup> Street and West National Avenue. A draft NR 716 Site Investigation report summarizing findings of investigation conducted at the site will be submitted to the OWNER for review and comment. The report will include a description of site conditions, subsurface geology, and results and interpretation of the laboratory analytical data and degree and extent of contaminations. Recommendations for site closure will also be included. A final report will be prepared following review of the draft report by the OWNER. This NR 716 Site Investigation report will be submitted to the WDNR as required for review and approval. WDNR approval is required before closure documents can be submitted.

### *Closure Documentation Report*

Case closure means a determination by the Wisconsin Department of Natural Resources (WDNR) that no further action is necessary at the site; site closure requires compliance with the requirement of Wisconsin Administrative Code NR 700 series rules. Closure documentation requires a comprehensive review and compilation of all environmental activities conducted at the site. Closure requirements are an exhaustive and detailed analysis and documentation of project activities. Regulations also require a maintenance plan that will insure the maintenance of the remedy and preparation of a closure report and GIS registry forms. CONSULTANT will prepare these required documents for WDNR review and approval. Specific steps to complete this task include:

1. Prepare project summary including results of all investigation activities (including those 'by others' as appropriate), a discussion of residual soil and groundwater contamination, and a discussion of how potential or actual impacts to receptors have been addressed.
2. Summarize soil and groundwater investigation information including soil and groundwater data summary tables, field and laboratory analytical results, and maps of all soil sample locations and groundwater impacts, including information from other consultants.

3. Compile groundwater sample location maps, soil contamination maps, isoconcentration maps, and groundwater flow maps.
4. A complete and accurate closure package, including materials for the GIS Registry, is required by WDNR for site closure under NR 726. CONSULTANT will prepare these materials for the site and will submit them, in hard copy (one copy) and electronically, to request site closure per WDNR requirements.

*WDNR Review Fees*

Per NR 749 Wis. Adm. Code, review fees are required for WDNR approval of the above documents. For this site, fees are required for WDNR review of the NR 716 Site Investigation Report (\$1,050) and closure documents (\$1,050) as well as inclusion of the site on the WDNR groundwater database (\$350). The total fees required to accompany this closure submittal total \$2,450. These fees are **not included** as part of CONSULTANT project costs and are the responsibility of the OWNER.

*Well Abandonments*

Upon approval from the WDNR that the site meets closure requirements, CONSULTANT will provide the necessary labor and material for abandonment of three 2-inch diameter PVC monitoring wells. Each well was installed to depths of 15 feet and 18 feet and finished with an at grade protective casing. Each well will be abandoned in accordance with Chapter NR 141 Wisconsin Administrative Code. Abandonment will include complete removal and disposal of the at grade protective casing, cutting the PVC well casing to a depth of approximately 3 feet below ground surface, and filling each well with granular bentonite. Well abandonments will be properly documented using WDNR Well/Borehole Abandonment Form 3300-5B. Completed well abandonment forms will be submitted to OWNER for review prior to forwarding to the WDNR.

**Schedule**

<u>Task</u>	<u>Calendar Days After Authorization to Proceed</u>
NR 716 Report	Approximately 60 days
Closure Report	Approximately 60 days after NR 716 Approval

**Fees**

**Proposed Project Budget**

<b>Task</b>	<b>Estimated Costs</b>
NR 716 Site Investigation Report	\$4,500
Closure Reporting	\$9,000
Well Abandonments	\$1,100
<b>Estimated CONSULTANT Fees</b>	<b>\$14,600</b>
WDNR Fees <sup>1</sup>	\$2,450

Note: <sup>1</sup> WDNR Fees to be paid directly to the WDNR by the OWNER.

**Additional Services**


Services not included in this contract, but which are available upon request on a time and materials basis include, but are not limited to:

- Additional groundwater sampling and analysis
- NR 716 Wis. Adm. Code report amendments

**Other**

All other provision of the original Agreement for Professional Services dated October 18, 2017, shall be recognized.

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 Allis</u> OWNER		<u>Ayres Associates Inc</u> CONSULTANT
_____	(Signature)	<u></u>
_____	(Typed Name)	<u>Ben Peotter, PE</u>
_____	(Title)	<u>Manager – Environmental Services</u>
_____	(Date)	<u>January 10, 2018</u>