K P R G

ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

GROUNDWATER INJECTION SUMMARY

June 26, 2017

Mr. Binyoti A. Amungwafor
Wisconsin Department of Natural Resources
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212

Re: Groundwater Injection Summary
Prestige One Hour Dry Cleaners
4419 W. Fond du Lac Avenue, WI
BRRTS# 02-41-548258

VIA E-MAIL

KPRG Project No. 24413

Dear Mr. Amungwafor:

On behalf of Milwaukee Fabricare, Inc., KPRG and Associates, Inc. (KPRG) is submitting this letter summarizing the groundwater injection performed at the above address. The groundwater injection was performed by ORIN Technologies, LLC (ORIN) under the supervision of KPRG over three days, June 19, 20, and 21, 2017. The injection consisted of injecting a biostimulant into 28 injection points spaced throughout the facility shown on Figure 1 in accordance with the approved Remedial Action Plan and the Remedial Action Exemption Request.

The injections were performed using direct push technology (DPT). The injection consisted of 28 injection points spaced approximately 10 feet apart with an injection interval of 7-20 feet below ground surface (bgs) for each point. Each point consisted of driving geoprobe rods to approximately twenty feet below ground surface (bgs) where the injection was started. The rods were raised in one foot intervals to seven feet below ground surface until all the injectate was injected into the formation.

Back pressure was encountered during the injection event. As a result, adjustments were made to the injection solution to minimize the back pressure and the quantity of injection solution being pushed up the injection bore hole. The adjustment consisted of reducing the volume of water and increasing the injectate concentration. Therefore, eleven of the injection points were injected with 145 gallons of 12% ABC+ and zero valent iron, fifteen injection points were injected with 75 gallons of 24% ABC+ and zero valent iron, and two points were injected with 150 gallons of 24% ABC+ and zero valent iron (further discussion of these two points is below). The same quantity of ABC+ and zero valent iron were injected; only the volume of water was reduced to minimize back pressure. A total of 3,020 gallons of ABC+ and zero valent iron solution were injected.

The remediation proposal proposed a total of 30 injection points, however only 28 injection points were performed. Two injection points were eliminated due to the location of underground utilities; these two points are identified on Figure 1. The injectate volume for the eliminated points was added to the adjacent injection points.

Monitoring of each injection point and the ambient air did not identify any adverse conditions. As a result, the injection was able to proceed without incident.

Each injection point was abandoned after the proper amount of injectate was injected into that point. Abandonment consisted of filling the injection point with bentonite chips to within six inches of the ground surface. The injection point was then finished with concrete to match the existing floor.

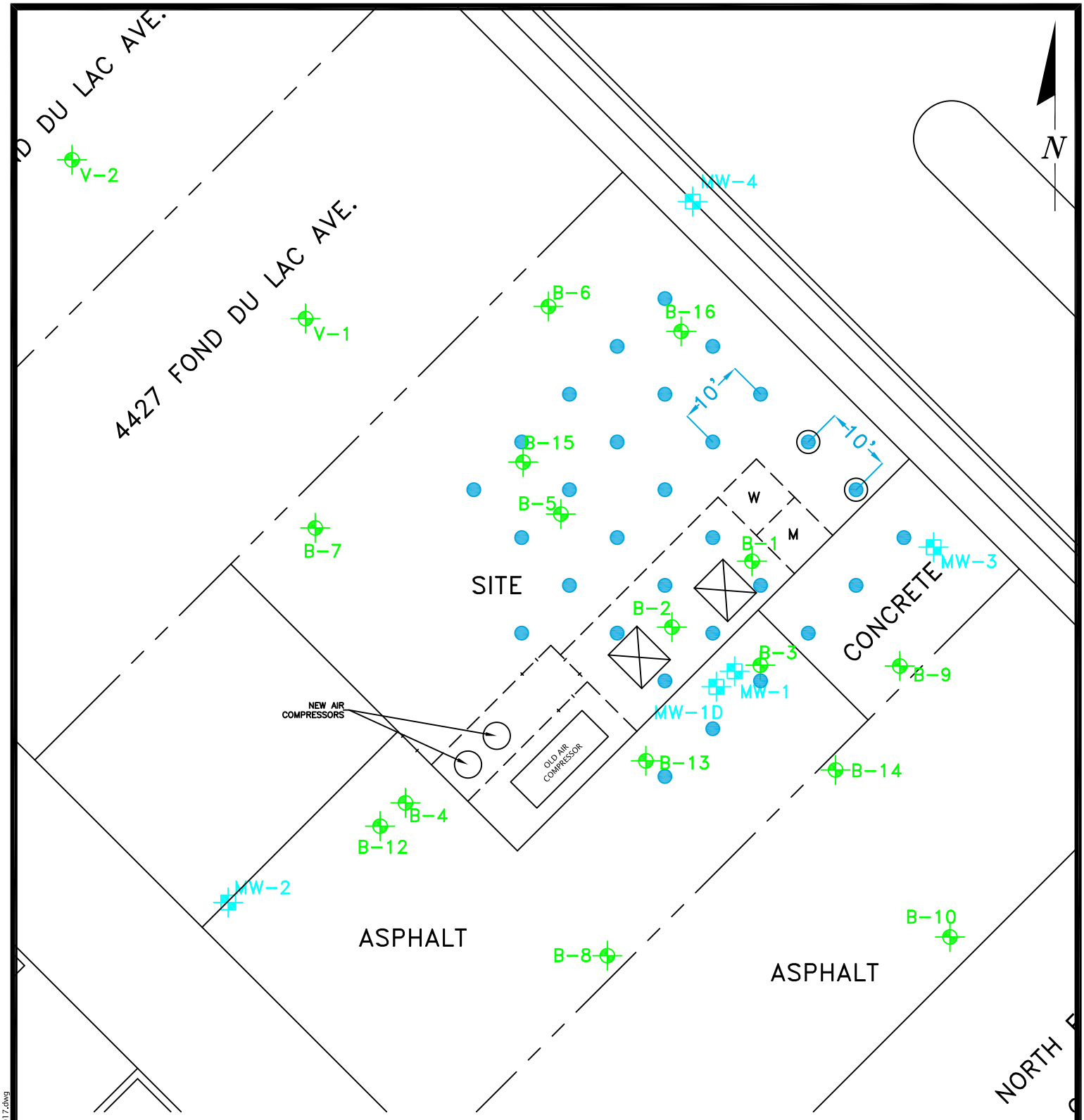
If you have any questions, please call me at 262-781-0475.

Sincerely,
KPRG and Associates, Inc.

Joshua D. Davenport, P.E.
Senior Project Engineer

Enclosure

Cc: Mr. Gregg Margulis, Milwaukee Fabricare, Inc.
Ms. Nancy Ryan, WDNR
Mr. Donald Gallo, Husch Blackwell, LLP



LEGEND

B-4 SOIL BORING LOCATION

MW-1 MONITORING WELL LOCATION

INJECTION POINT REMOVED

DRY CLEANING MACHINES

PROPOSED INJECTION POINT

0 20'

APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

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KPRG and Associates, inc.

14665 West Lisbon Road, Suite 2B Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

GROUNDWATER INJECTION

MILWAUKEE FABRICARE, INC.
4419 WEST FOND DU LAC AVENUE

Scale: 1" = 20' | Date: June 26, 2017

KPRG Project No. 24413 | FIGURE 1

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