



CONSULTANTS
• ENVIRONMENTAL
• GEOTECHNICAL
• MATERIALS
• FORENSICS

August 27, 2018

Gina Keenan, WDNR/RR
1300 W. Clairemont Avenue
Eau Claire, WI 54701 Gina.Keenan@Wisconsin.gov

Re: Request for a bid deferment for the DairiConcepts site,
W888 Chili Road, Chili, Clark County, Wisconsin. AET Project No. 03-05510.
WDNR BRRTS No. 03-10-545212. **PECFA No. 54420-9999-88.**

Dear Ms. Keenan:

We request approval for a bid deferment at the DairiConcepts site to complete additional groundwater monitoring to bring the site to closure. The purpose of the response actions is to minimize the risks posed by the petroleum contamination to human health and the environment.

We request a bid deferral to complete the following tasks:

- Collect four quarterly rounds of groundwater samples from eight groundwater monitoring wells (MW-1A, MW-3A, MW-4R, MW-4A, MW-5A, MW-7, MW-W, & MW-10). Each sample will be analyzed for PVOCs plus naphthalene. During each sampling event, collect groundwater elevation measurements from all 18 wells. Collect one annual round of groundwater samples from four potable wells (PW-1, PW-4, PW-5, & Strey Well). Each sample will be analyzed for VOCs (Method 524.2);
- Conduct up to four rounds of free product removal from one groundwater monitoring well (MW-10). During each removal event, collect groundwater elevation measurements and free product thickness;
- Complete a light non-aqueous phase liquid (LNAPL) assessment on the remaining weathered free product on-site;
 - Install two additional groundwater monitoring wells north and east of monitoring well MW-10 to define the horizontal extent of free product. Each new monitoring well will be 15 feet depth and have a 10-foot screen bisecting the water table. The wells will be installed, sealed, and developed in accordance with NR 140 Wis. Adm. Code. Survey the wells into the existing well elevations;
 - Collect soil samples across the smear zone and analyzed for total organic carbon and grain size analysis;
 - Dispose of contaminated soil cuttings (if encountered);
 - Collect samples of LNAPL for qualitative laboratory fluid analysis (density, viscosity, and surface and interfacial tension parameters); and
 - Complete hydraulic conductivity testing on two groundwater monitoring wells.
- Prepare and submit a LNAPL assessment report;
- Prepare and submit an annual groundwater monitoring report to document groundwater sample results and trends following each year of sampling; and
- Dispose of all contaminated wastes generated during these activities.

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We are requesting a deferral of \$20,605.56 to cover the costs of this scope of work. I have included a table outlining the additional costs. If you have any questions, I can be reached at 715-861-5045.

Sincerely,
American Engineering Testing, Inc.



Michael K. Neal, Professional Hydrologist
Geomorphologist

Phone: 715-861-5045

Cell Phone: 715-894-6455

Email: mneal@amengtest.com



Attachments: Table – Budget Details Estimate

cc: Steve Moore & Stacy Doing, DFA, email

Usual and Customary Standardized Invoice #24

July 2018- December 2018



RR-100a

PECFA #: 54420-9999-88
 BRRTS #: 03-10-545212
 Site Name: DairiConcepts
 Site Address: Chili, Wisconsin

Vendor Name: American Engineering Testing, Inc.
 Invoice #: _____
 Invoice Date: _____
 Check #: _____

U&C Total \$ 20,605.56
 Variance to U&C Total \$ -
 Grand Total \$ 20,605.56

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
1	GW Sampling		GS05	Sample Collection	Well	\$ 72.45	28	\$ 2,028.60
1	GW Sampling		GS06	Sample Collection in well w/LNAPL	Well	\$ 87.45	8	\$ 699.60
1	GW Sampling		GS20	Measure Water Levels (for wells not being sampled)	Well	\$ 14.70	40	\$ 588.00
1	GW Sampling		GS25	Primary Mob/Demob	Site	\$ 628.11	4	\$ 2,512.44
3	LNAPL Assessment & Removal		LAR06	LNAPL Removal	Site	\$ 68.25	4	\$ 273.00
3	LNAPL Assessment & Removal		LAR10	Primary Mob/Demob	Site	\$ 518.07	4	\$ 2,072.28
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	\$ 137.13	4	\$ 548.52
4	Waste Disposal	Commodity	WD10	GW Sample and/or Purge	Drum	\$ 42.11	4	\$ 168.44
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	\$ 108.15	1	\$ 108.15
4	Waste Disposal	Commodity	WD20	Free Product	Drum	\$ 118.76	2	\$ 237.52
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	\$ 287.70	4	\$ 1,150.80
6	Letter Report/Addendum		LRA05	Letter Report/Addendum	Letter	\$ 1,039.29	2	\$ 2,078.58
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR05	0 - 25 ft bgs	Ft	\$ 5.40	30	\$ 162.00
13.a	Drilling In Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	\$ 593.04	1	\$ 593.04
13.d	Drilling In Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	Ft	\$ 16.70	30	\$ 501.00
14	Monitoring Well Installation	Consultant	MWI05	0 - 25 ft bgs	Ft	\$ 3.89	30	\$ 116.70
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	Ft	\$ 16.70	30	\$ 501.00
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	\$ 147.63	2	\$ 295.26
15	Misc. Drilling Activities & Supplies		MDT05	Drill Rig Mob/Demob	Mob/Demob	\$ 963.38	1	\$ 963.38
15	Misc. Drilling Activities & Supplies		MDT10	Well Cover/flushmount	Each	\$ 202.65	1	\$ 202.65
15	Misc. Drilling Activities & Supplies		MDT15	Stickup Well Cover	Each	\$ 163.91	1	\$ 163.91
15	Misc. Drilling Activities & Supplies		MDT20	Bumper Guard Posts	Each	\$ 69.30	2	\$ 138.60
15	Misc. Drilling Activities & Supplies		MDT21	Drum, 55 gal. DOT steel	Each	\$ 55.13	4	\$ 220.52
15	Misc. Drilling Activities & Supplies		MDT45	Padlocks	Each	\$ 7.98	2	\$ 15.96
19	Hydraulic Conductivity Testing		HCT05	Hydraulic Conductivity Testing	Well	\$ 58.59	2	\$ 117.18
19	Hydraulic Conductivity Testing		HCT10	Primary Mob/Demob	Site	\$ 652.79	1	\$ 652.79
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	\$ 381.78	1	\$ 381.78

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RR-100A

TOTAL LAB CHARGES \$3,113.86 TASK 33 44 \$ 3,113.86 TASK 24 0 \$ -

MATRIX	REF CODE	REIMBURSABLE ANALYTE	UNITS	MAX COST	SAMPLES	TOTAL	MAX COST	SAMPLES	TOTAL
WATER	W4	PVOC + Naphthalene	SAMPLE	\$ 30.35	32	\$ 971.20			
WATER	W20	VOC Method 524.2	SAMPLE	\$ 176.30	4	\$ 705.20			
SOILS	S14	Grain Size - dry	SAMPLE	\$ 42.74	2	\$ 85.48			
SOILS	S15	Grain Size - wet	SAMPLE	\$ 57.33	2	\$ 114.66			
SOILS	S21	TOC as NPOC	SAMPLE	\$ 57.33	2	\$ 114.66			
LNAPL	LFPS01	Viscosity + Density	SAMPLE	\$ 561.33	2	\$ 1,122.66			