



Meridian Environmental Consulting, LLC

December 4, 2019

Carrie Stoltz
Wisconsin Department of Natural Resources
107 Sutliff Avenue
Rhineland, WI 54501

Subject: **Change Order:**
 • **Resample Town Hall water supply**

Webster Pig Farm
Gilman, Wisconsin
PECFA No. 54433-9429-94
DNR BRRTS Nos. 03-61-000650
Meridian No. 05F784

Scope of Work:

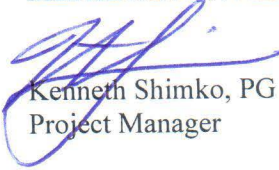
The most recent sampling results for the Town Hall water supply contained low levels of methylene chloride and 1,2 – Dichloroethane (DCA)(see enclosed lab pages). The concentrations are above the NR140 PAL (Preventative Action Limit) but below NR140 ES (Enforcement Standards). The results are not consistent with previous sampling results.

In our opinion, these results should be considered suspect. Methylene chloride is a common lab contaminant. 1,2-DCA is commonly associated with plastic.

We recommend the well be resampled twice (December, January) for VOC (Method 524.2).

A Change Order for this action is included with this letter.

Sincerely,
MERIDIAN ENVIRONMENTAL CONSULTING, LLC


Kenneth Shimko, PG
Project Manager

Usual and Customary Standardized Invoice #26

July 2019 - December 2019



RR-111a

PECFA #: 54433-9429-94
 BRRTS #: 03-61-000650
 Site Name: Webster Pig Farm
 Site Address: Gilman (Donald)

Vendor Name: Change Order
 Invoice #: Change Order
 Invoice Date: December 2918
 Check #: Change Order

U&C Total \$ 2,287.49
 Variance to U&C Total \$ -
 Grand Total \$ 2,287.49

| TASK | TASK DESCRIPTION | SERVICES | ACTIVITY CODE | ACTIVITY REFERENCE CODE DESCRIPTION | UNIT | MAX UNIT COST | UNITS | TOTAL MAX |
|---|---------------------------------|-----------|---------------|---|--------------|---------------|-------|-------------|
| Sample Pershing Town Hall water supply 2X. VOC Method 524.2. | | | | | | | | |
| 1 | GW Sampling | | GS05 | Sample Collection | Well | \$ 74.62 | 2 | \$ 149.24 |
| 1 | GW Sampling | | GS25 | Primary Mob/Demob | Site | \$ 690.92 | 2 | \$ 1,381.84 |
| 33 | Schedule Of Laboratory Maximums | Commodity | | Laboratory (see task 33 total on Lab Schedule) | Lab Schedule | | | \$ 363.18 |
| 36 | Change Order Request | | COR05 | Change Order Request (cost cap exceedance requests) | Change Order | \$ 393.23 | 1 | \$ 393.23 |
| | Variance | | | | | | | |
| | Variance | | | | | | | |

Usual and Customary Standardized Invoice #26

July 2019 - December 2019 (Interim)



RR-111a

TOTAL LAB CHARGES \$ 363.18 TASK 33 2 \$ 363.18 TASK 24 0 \$ -

| MATRIX | REF CODE | REIMBURSABLE ANALYTE | UNITS | MAX COST | SAMPLES | TOTAL | MAX COST | SAMPLES | TOTAL |
|--------|----------|--|--------|-----------|---------|--------------------------------|---------------------------|---------|-------|
| AIR | A1 | Benzene | SAMPLE | \$ 46.29 | | \$ - | | | |
| AIR | A2 | BETX | SAMPLE | \$ 50.94 | | \$ - | | | |
| AIR | A3 | GRO | SAMPLE | \$ 47.48 | | \$ - | | | |
| AIR | A4 | VOC's | SAMPLE | \$ 74.09 | | \$ - | | | |
| WATER | W1 | GRO/PVOC | SAMPLE | \$ 30.07 | | \$ - | | | |
| WATER | W2 | PVOC | SAMPLE | \$ 27.80 | | \$ - | | | |
| WATER | W3 | PVOC + 1,2 DCA | SAMPLE | \$ 45.10 | | \$ - | | | |
| WATER | W4 | PVOC + Naphthalene | SAMPLE | \$ 31.26 | | \$ - | | | |
| WATER | W5 | VOC | SAMPLE | \$ 74.09 | | \$ - | | | |
| WATER | W6 | PAH | SAMPLE | \$ 75.17 | | \$ - | | | |
| WATER | W7 | Lead | SAMPLE | \$ 12.76 | | \$ - | | | |
| WATER | W8 | Cadmium | SAMPLE | \$ 13.96 | | \$ - | | | |
| WATER | W9 | Hardness | SAMPLE | \$ 12.76 | | \$ - | | | |
| WATER | W10 | BOD, Total | SAMPLE | \$ 24.34 | | \$ - | | | |
| WATER | W11 | Nitrate | SAMPLE | \$ 11.58 | | \$ - | | | |
| WATER | W12 | Total Kjeldahl | SAMPLE | \$ 20.88 | | \$ - | | | |
| WATER | W13 | Ammonia | SAMPLE | \$ 17.42 | | \$ - | | | |
| WATER | W14 | Sulfate | SAMPLE | \$ 10.50 | | \$ - | | | |
| WATER | W15 | Iron | SAMPLE | \$ 10.50 | | \$ - | | | |
| WATER | W16 | Manganese | SAMPLE | \$ 10.50 | | \$ - | | | |
| WATER | W17 | Alkalinity | SAMPLE | \$ 10.50 | | \$ - | | | |
| WATER | W18 | methane | SAMPLE | \$ 47.48 | | \$ - | | | |
| WATER | W19 | Phosphorous | SAMPLE | \$ 18.60 | | \$ - | | | |
| WATER | W20 | VOC Method 524.2 | SAMPLE | \$ 181.59 | 2 | \$ 363.18 | | | |
| WATER | W21 | EDB Method 504 | SAMPLE | \$ 98.31 | | \$ - | | | |
| SOILS | S1 | GRO | SAMPLE | \$ 25.52 | | \$ - | MAX COST | SAMPLES | TOTAL |
| SOILS | S2 | DRO | SAMPLE | \$ 31.26 | | \$ - | \$ 25.52 | | \$ - |
| SOILS | S3 | GRO/PVOC | SAMPLE | \$ 28.98 | | \$ - | \$ 31.26 | | \$ - |
| SOILS | S4 | PVOC | SAMPLE | \$ 26.60 | | \$ - | \$ 28.98 | | \$ - |
| SOILS | S5 | PVOC + 1,2 DCA + Naphthalene | SAMPLE | \$ 50.94 | | \$ - | \$ 26.60 | | \$ - |
| SOILS | S6 | PVOC + Naphthalene | SAMPLE | \$ 37.10 | | \$ - | \$ 50.94 | | \$ - |
| SOILS | S7 | VOC | SAMPLE | \$ 74.09 | | \$ - | \$ 37.10 | | \$ - |
| SOILS | S8 | SPLP Extraction VOC only | SAMPLE | \$ 52.13 | | \$ - | \$ 74.09 | | \$ - |
| SOILS | S9 | PAH | SAMPLE | \$ 75.17 | | \$ - | \$ 52.13 | | \$ - |
| SOILS | S10 | Lead | SAMPLE | \$ 12.76 | | \$ - | \$ 75.17 | | \$ - |
| SOILS | S11 | Cadmium | SAMPLE | \$ 15.04 | | \$ - | \$ 12.76 | | \$ - |
| SOILS | S12 | Free Liquid | SAMPLE | \$ 11.58 | | \$ - | TASK 24 TOTAL \$ - | | |
| SOILS | S13 | Flash Point | SAMPLE | \$ 26.60 | | \$ - | | | |
| SOILS | S14 | Grain Size - dry | SAMPLE | \$ 44.02 | | \$ - | | | |
| SOILS | S15 | Grain Size - wet | SAMPLE | \$ 59.05 | | \$ - | | | |
| SOILS | S16 | Bulk Density | SAMPLE | \$ 13.96 | | \$ - | | | |
| SOILS | S17 | Permeability | SAMPLE | \$ 42.83 | | \$ - | | | |
| SOILS | S18 | Nitrogen as Total Kjeldahl | SAMPLE | \$ 20.88 | | \$ - | | | |
| SOILS | S19 | Nitrogen as Ammonia | SAMPLE | \$ 17.42 | | \$ - | | | |
| SOILS | S20 | % Organic Matter | SAMPLE | \$ 30.07 | | \$ - | | | |
| SOILS | S21 | TOC as NPOC | SAMPLE | \$ 59.05 | | \$ - | | | |
| SOILS | S22 | Soil Moisture Content | SAMPLE | \$ 7.03 | | \$ - | | | |
| SOILS | S23 | Air Filled Porosity | SAMPLE | \$ 26.60 | | \$ - | | | |
| SOILS | S24 | % Total Solids | SAMPLE | \$ 7.03 | | \$ - | | | |
| SOILS | S25 | Field Capacity | SAMPLE | \$ 28.98 | | \$ - | | | |
| SOILS | S26 | TCLP Lead | SAMPLE | \$ 85.65 | | \$ - | | | |
| SOILS | S27 | Cation Exchange (Ca, MG, & K) | SAMPLE | \$ 27.80 | | \$ - | | | |
| SOILS | S28 | TCLP Cadmium | SAMPLE | \$ 85.65 | | \$ - | | | |
| SOILS | S29 | TCLP Benzene | SAMPLE | \$ 85.65 | | \$ - | | | |
| | | Viscosity + Density | | | | | | | |
| LNAPL | LFPS01 | Interfacial tension I (LNAPL/water [dyne/cm]) | SAMPLE | \$ 578.17 | | \$ - | | | |
| | | Interfacial tension II (LNAPL/air [dyne/cm]) | | | | | | | |
| | | Interfacial tension III (water/air) [dyne/cm]) | | | | | | | |
| | | | | | | TASK 33 TOTAL \$ 363.18 | | | |

DAVY LABORATORIES

A Division of Davy Engineering Co., Inc.
 115 6th Street South
 La Crosse, WI 54601
 (608) 782-3130
 www.davyinc.com



LABORATORY ANALYSIS REPORT

Pace Analytical-Green Bay
 Attn: Dan Milewsky
 1241 Bellevue St. Suite 9
 Green Bay, WI 54302

Date: November 29, 2019
 Client No: 11128

Sample No: 19K0646-02 Sample Collected: 16-Nov-19 00:00 Sample Received: 20-Nov-19 11:50
 Sample Site: Tower Hall

| Parameter | Result | Units | LOD | LOQ/RL | Dilution | Prepared | Analyzed | Method | PAL | Qualifier |
|---------------------------|--------|-------|-------|--------|----------|-----------------|-----------------|-------------------------|------|-----------|
| Laboratory Results | | | | | | | | | | |
| 1,4-Dichlorobenzene | <0.090 | µg/L | 0.090 | 0.287 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 15 | |
| Dichlorodifluoromethane | <0.139 | µg/L | 0.139 | 0.442 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 200 | |
| 1,1-Dichloroethane | <0.042 | µg/L | 0.042 | 0.135 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 85 | |
| 1,2-Dichloroethane | 3.00 | µg/L | 0.071 | 0.226 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 0.5 | |
| 1,1-Dichloroethene | <0.065 | µg/L | 0.065 | 0.206 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 0.7 | |
| cis-1,2-Dichloroethene | <0.052 | µg/L | 0.052 | 0.166 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 7 | |
| trans-1,2-Dichloroethene | <0.064 | µg/L | 0.064 | 0.203 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 20 | |
| 1,2-Dichloropropane | <0.066 | µg/L | 0.066 | 0.210 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 0.5 | |
| cis-1,3-Dichloropropene | <0.013 | µg/L | 0.013 | 0.041 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 0.04 | |
| trans-1,3-Dichloropropene | <0.018 | µg/L | 0.018 | 0.059 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 0.04 | |
| Ethylbenzene | <0.064 | µg/L | 0.064 | 0.204 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 140 | |
| Methylene chloride | 2.68 | µg/L | 0.084 | 0.266 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 0.5 | |
| Methyl Ethyl Ketone | <0.258 | µg/L | 0.258 | 0.820 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 800 | |
| Methyl tert-Butyl Ether | <0.900 | µg/L | 0.900 | 2.86 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 12 | |
| Naphthalene | <0.171 | µg/L | 0.171 | 0.545 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 10 | |
| Styrene | <0.090 | µg/L | 0.090 | 0.288 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 10 | |

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LABORATORY ANALYSIS REPORT

Pace Analytical-Green Bay
 Attn: Dan Milewsky
 1241 Bellevue St. Suite 9
 Green Bay, WI 54302

Date: November 29, 2019
 Client No: 11128

Sample No: 19K0646-02 Sample Collected: 16-Nov-19 00:00 Sample Received: 20-Nov-19 11:50
 Sample Site: Tower Hall

| Parameter | Result | Units | LOD | LOQ/RL | Dilution | Prepared | Analyzed | Method | PAL | Qualifier |
|-----------------------------------|--------|-------|--------|--------|----------|-----------------|-----------------|-------------------------|------|-----------|
| Laboratory Results | | | | | | | | | | |
| Tetrachloroethene | <0.085 | µg/L | 0.085 | 0.271 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 0.5 | |
| Tetrahydrofuran | <0.662 | µg/L | 0.662 | 2.11 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 10 | |
| Toluene | <0.028 | µg/L | 0.028 | 0.091 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 160 | |
| 1,1,1-Trichloroethane | <0.048 | µg/L | 0.048 | 0.154 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 40 | |
| 1,1,2-Trichloroethane | <0.129 | µg/L | 0.129 | 0.410 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 0.5 | |
| Trichloroethene | <0.118 | µg/L | 0.118 | 0.376 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 0.5 | |
| Trichlorofluoromethane | <0.052 | µg/L | 0.052 | 0.166 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | | |
| Vinyl chloride | <0.019 | µg/L | 0.019 | 0.060 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 0.02 | |
| m-Xylene/p-Xylene | <0.068 | µg/L | 0.068 | 0.218 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 400 | |
| o-Xylene | <0.074 | µg/L | 0.074 | 0.236 | 1 | 21-Nov-19 17:45 | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | 400 | |
| Surrogate: 4-Bromofluorobenzene | | | 75.2 % | 70-130 | | | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | | |
| Surrogate: 1,2-Dichlorobenzene-d4 | | | 74.7 % | 70-130 | | | 21-Nov-19 17:45 | EPA 524.2 Rev. 4.1 1995 | | |

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LABORATORY ANALYSIS REPORT

Pace Analytical-Green Bay
Attn: Dan Milewsky
1241 Bellevue St. Suite 9
Green Bay, WI 54302

Date: November 29, 2019
Client No: 11128

Sample No: 19K0646-03
Sample Site: Pig Farm

Sample Collected: 16-Nov-19 00:00

Sample Received: 20-Nov-19 11:50

| Parameter | Result | Units | LOD | LOQ/RL | Dilution | Prepared | Analyzed | Method | PAL | Qualifier |
|-----------------------------|--------|-------|-------|--------|----------|-----------------|-----------------|-------------------------|-------|-----------|
| Laboratory Results | | | | | | | | | | |
| Acetone | <0.220 | µg/L | 0.220 | 0.700 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 1800 | |
| Benzene | <0.042 | µg/L | 0.042 | 0.132 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 0.5 | |
| Bromodichloromethane | <0.067 | µg/L | 0.067 | 0.214 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 0.06 | |
| Bromoform | <0.048 | µg/L | 0.048 | 0.154 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 0.44 | |
| Bromomethane | <0.089 | µg/L | 0.089 | 0.284 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 1 | |
| Carbon disulfide | <0.072 | µg/L | 0.072 | 0.230 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 200 | |
| Carbon tetrachloride | <0.061 | µg/L | 0.061 | 0.194 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 0.5 | |
| Chlorobenzene | <0.105 | µg/L | 0.105 | 0.335 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 20 | |
| Chlorodibromomethane | <0.098 | µg/L | 0.098 | 0.313 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 6 | |
| Chloroethane | <0.050 | µg/L | 0.050 | 0.160 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 80 | |
| Chloroform | <0.057 | µg/L | 0.057 | 0.182 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 0.6 | |
| Chloromethane | <0.335 | µg/L | 0.335 | 1.06 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 3 | |
| 1,2-Dibromo-3-chloropropane | <0.051 | µg/L | 0.051 | 0.162 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 0.02 | |
| 1,2-Dibromoethane (EDB) | <0.044 | µg/L | 0.044 | 0.140 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 0.005 | |
| Dibromomethane | <0.053 | µg/L | 0.053 | 0.167 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | | |
| 1,2-Dichlorobenzene | <0.077 | µg/L | 0.077 | 0.243 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 60 | |
| 1,3-Dichlorobenzene | <0.055 | µg/L | 0.055 | 0.176 | 1 | 21-Nov-19 18:14 | 21-Nov-19 18:14 | EPA 524.2 Rev. 4.1 1995 | 120 | |