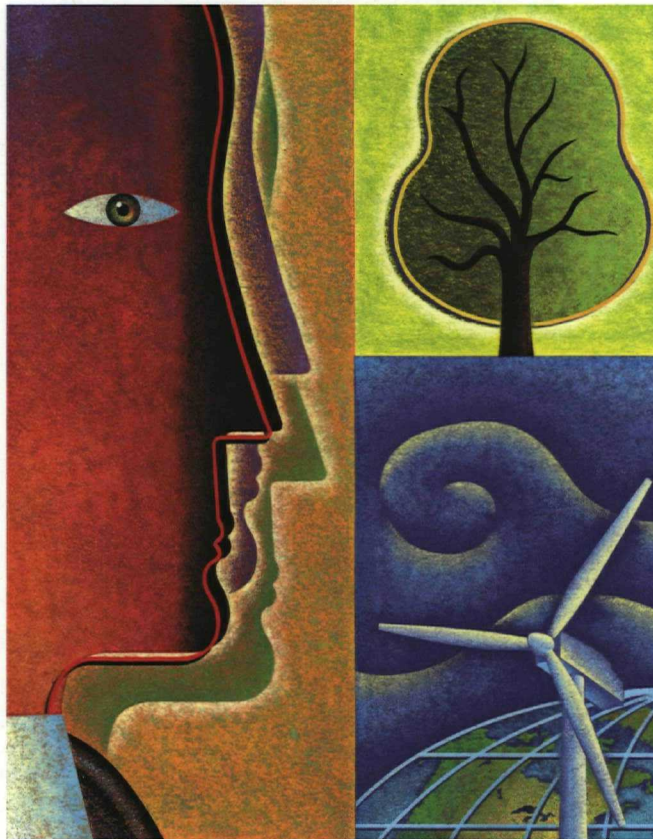




Pilot Oxidation Testing

Sangamo-Weston OU-1 Breazeale Site
Pickens, South Carolina

July 2008





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RMT, Inc. | Schlumberger Corporation
Pilot Oxidation Testing - Breazeale Site

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CREATING BALANCESM

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Section 1

Introduction

1.1 Background

Waste materials from manufacturing practices at the former Sangamo-Weston manufacturing facility in Pickens, South Carolina were disposed of in a trench at the satellite Breazeale Site prior to 1985. The area of the trench is highlighted in pink on Figure 1. These waste materials were removed in 1990 along with polychlorinated biphenyl (PCB)-impacted soil. Since 1997, a groundwater recovery and treatment system has been in place to capture and treat volatile organic compound (VOC)-impacted groundwater at the site (see VOC plume on Figure 1).

1.2 Source investigations

On August 17, 2006, RMT, Inc. (RMT) submitted a workplan to conduct a residual source investigation in the vicinity of the former disposal trench to determine if another remedial technology might be applied to accelerate cleanup and closure of the Breazeale Site. Soil, groundwater, and soil vapor sampling were conducted in the fall of 2006 to assess the potential residual VOC source. The results were reported to the United States Environmental Protection Agency (USEPA) on February 7, 2007. The data indicated that no significant residual source appeared to be present at the base of the former disposal trench, and that a small amount of residual VOCs may be diffused within the matrix of the downgradient aquifer. Therefore, the focus of remediation technologies was placed on addressing the area of the VOC plume using *in situ* chemical oxidation treatment technologies.

1.3 Pilot Testing Objectives

The objectives for pilot testing were to (1) evaluate the effectiveness of two different treatment technologies simultaneously in separate portions of the VOC plume to (2) determine which might be the most cost effective in accelerating site clean up. The two *in situ* treatment technologies selected were ozone sparging and potassium permanganate injection.

Section 2

Summary of Field Installations and Injection

2.1 Installation

The pilot tests were installed at two opposite sides of the VOC plume, in the general areas indicated on Figure 1. Figure 2 and Figure 3 show the detailed performance monitoring well and injection point locations in each area for the ozone and permanganate tests, respectively. Field installation and development of monitoring wells and injection points was conducted by a South Carolina-certified driller during the period of June 11, 2007 through June 27, 2007. Monitoring wells and injection points were installed using hollow-stem auger drilling methods. Soil boring logs for the installations can be found in Appendix A. Details on elevations, monitoring screen intervals and injection zones are summarized in Table 1.

2.1.1 Ozone Sparging Installations

Performance Monitoring Wells

The ozone sparge test included installation of four nested pairs of 1-inch inside diameter (I.D.) polyvinyl chloride (PVC) performance monitoring wells with 10-foot long 0.01-inch slotted screens. The well pairs (ZM-1S/ZM-1D though ZM-4S/ZM-4D) were spaced at radial distances between 10 and 15 feet from the ozone injection points (see Figure 2). Nearby existing and downgradient monitoring well nest BRMW-5/BRMW-5A/BRMW-5B was also included in the ozone sparge performance monitoring network.

Injection Points

Two pairs of ozone injection points (Z1-1S/Z1-1D and Z1-2S/Z1-2D) were installed at the center of the test area with a horizontal separation of approximately 15 feet between well pairs. The sparge points consisted of an 18-inch long, 1.5-inch diameter porous polyvinylidene fluoride point with 1-inch diameter schedule 80 PVC risers completed with Teflon® O-ring seals. Depths and elevations of the wells are listed in Table 1.

Ozone Generator and Connections

A model OSU29-52 ozone generator, manufactured by H₂O Engineering, was installed at the site inside the air-stripper building and connected by individual

valve-controlled ½-inch diameter ozone distribution piping to the injection points.

2.1.2 Permanganate Injection Installations

Location of the permanganate injection was moved to the east of the original workplan location to avoid overhead utility hazards.

Performance Monitoring Wells

The permanganate injection test included installation of four nested pairs of 1-inch I.D. PVC monitoring wells with 10-foot long 0.01-inch slotted screens. The monitoring well pairs (PM-1S/PM-1D though PM-4S/ZM-4D) were spaced at radial distances of approximately 15 feet from the permanganate injection zones (see Figure 3). Nearby existing and downgradient monitoring well nest BRMW-2/BRMW-2A was also included in the permanganate performance monitoring network.

Injection Locations

Three general permanganate injection locations were planned (PI-1 though PI-3). These were placed in the center of each injection zone at a spacing of approximately 20 feet.

2.2 Summary of Injections

2.2.1 Ozone

The pilot ozone sparging system was started up on July 23, 2007, and was operated through November 19, 2007 (17 weeks). The system had originally been scheduled to run for six weeks, but due to the limited measurable impact on the groundwater after that period, the decision was made to extend the sparging period. Each sparge point was sparged for 30 minutes with the system being shut down for 30 minutes at the end of each cycle to rest the equipment and allow the subsurface to equalize. Therefore, the total cycle time was 2.5 hours. Ozone flow ranged from 1.5 to 1.9 actual cubic feet per minute (acfm) and pressures ranged from 9 to 24 per square inch (psi). Total system run time was approximately 2,200 hours. The system produced 3,500 parts per million by volume (ppmv) of ozone, or 2.16 pounds per day (lbs/day). Total injection of ozone was approximately 250 lbs.

2.2.2 Permanganate

Injection of potassium permanganate (KMnO_4) was initiated by Redox Tech on July 23, 2007, and completed on July 26, 2007. The injectant consisted of a 10 percent by weight solution of potassium permanganate. The injectant was introduced into the ground using direct-push methods. At each location, injections were performed in three-foot vertical intervals with a target volume of 180 gallons of injectant in each interval. After completion of 4 successive 3-foot injections, the probe was removed and the hole was sealed with bentonite. The rig was then offset by approximately 2 feet and the probe driven to the next injection horizon. Table 2 summarizes the depths, volumes, and pressures for injection at each of the three zones.

Injections were initiated at 50 feet below ground surface (bgs) and completed at 18 feet bgs at all three locations, with the exception of PI-3 where the injections were completed at 20 feet bgs. Approximately 2,160 gallons, 2,025 gallons, and 1,980 gallons were injected PI-1, PI-2, and PI-3, respectively for a total of 6,165 gallons of injectant. Injection pressures were initiated at approximately 60 psi, but were generally reduced at shallower depths due to occasional daylighting (surfacing) of the injectant. In some cases, the injection pressures had to be reduced to as low as 5 psi to prevent the daylighting of the fluid at the ground surface.

Section 3

Performance Monitoring

3.1 General

Performance monitoring was conducted at both pilot tests areas during the test period and included measurement of field parameters as well as collection of groundwater samples for laboratory analysis. Field parameters were generally measured twice per week during the first two weeks after initiation of the tests, then once per week for the next two weeks, and then once every two weeks until 16 weeks post-injection. Field parameters were also collected at the 20-, 30-, and 45-week post-injection sampling rounds at the permanganate pilot test monitoring wells. Laboratory analytical samples were collected for baseline concentrations immediately before the pilot testing was initiated, and then at 3, 6, 16 and 30 week intervals. The permanganate injection was also monitored 20 weeks after injection. Specific dates of sampling and results are presented in Table 3, Table 4, and Table 5. Copies of the analytical reports are provided in Appendix B.

3.2 Ozone

3.2.1 Field Parameters

The field parameters pH, specific conductance (SC), oxidation-reduction potential (ORP) and dissolved oxygen (DO) were obtained from each of the four new performance monitoring well nests and the pre-existing downgradient well nest BRMW-5/BRMW-5A/BRMW-5B. Note that field readings taken on July 17, 2007, should be viewed with caution and are probably in error due to instrument problems.

3.2.2 Sampling and Analysis

Laboratory analysis of groundwater samples collected from each of the four new performance monitoring well nests (ZM-1 through ZM-4) and well nest BRMW-5/BRMW-5A/BRMW-5B included VOCs, manganese, iron, calcium, and nitrate. With the exception of the 30-week analyses of groundwater samples which were limited to VOCs and total manganese and iron.

3.3 Permanganate

3.3.1 Field Parameters

In addition to field parameters of pH, SC, ORP, and DO, groundwater from the four new performance monitoring nests (PM-1 through PM-4) and pre-existing downgradient well nest BRMW-2/BRMW-2A were field checked for the presence of KMnO_4 using colorimetric methods.

3.3.2 Sampling and Analysis

Laboratory analysis of groundwater samples collected from each of the four new performance monitoring well nests and at well nest BRMW-2/BRMW-2A also included VOCs, manganese, iron, calcium, and nitrate. Because of negative results in the initial rounds of sampling, samples at the 16-week interval were collected only at monitoring wells PM-02S, PM-02D and well BRMW-2. All monitoring wells at the permanganate injection area were sampled again on December 7, 2007 (20 weeks post-injection) and analyzed for VOCs, manganese, iron, calcium, and nitrate. Follow-up rounds of sampling were performed on the permanganate monitoring wells on February 21, 2008 (30-weeks post-injection) and June 3, 2008 (45-weeks post-injection). Analyses of samples from these follow-up events were limited to VOCs and soluble and total manganese and iron. Field parameters were also measured during these sampling events. High levels of permanganate observed in the groundwater collected from PM-02D during the 16- and 20-week sampling events at PM-02S, PM-02D, and PM-04S prevented the analysis of VOCs in those samples. Samples exhibiting high levels of permanganate during the 45-week sampling in June 2008 at PM-2S, PM-2D, PM-4S, and PM-4D were neutralized by titration with sodium bisulfite and then laboratory analyzed for VOCs.

Section 4

Findings/Results

4.1 Ozone

4.1.1 Field Parameters

Field parameter results for the ozone pilot test are presented in Table 3. Of the four field parameters measured, DO appears to show the most definitive pattern of effect from the ozone sparging. Figure 4 presents a chart of DO concentrations with time at each monitoring well in the ozone test area. The graphs show a spiking of DO concentrations at most monitoring wells beginning with samples obtained on August 7, 2007, or approximately 15 days after start-up of the sparging. Beyond this period of time the radius of influence of the sparging does not appear to expand. The greatest influence (DO >12) was observed at ZM-02S and ZM-03S, and a notable rise (DO >10) was also observed at ZM-04S and ZM-04D. There appeared to be no influence at ZM-1S, and little influence at ZM-1D.

4.1.2 Volatile Organic Compound Results

Laboratory analytical results are presented in Table 4. Copies of the analytical reports are provided in Appendix B. Figures 5 and 6 present contour maps depicting the percent reduction of the VOCs in groundwater in both the shallow and deep sparge depths, along with DO levels, at the time the testing was completed. The results in the shallow sparge zone appear to be more widespread than in the deep zone. Significant reductions in total VOCs of 70 to 90 percent were observed at ZM-03S, ZM-04D, and ZM-04S, which correlates with the increased DO concentrations measured at those locations. These were the only locations where significant VOC reductions occurred, and are all within a radius of influence of 15 feet at sparge point ZI-2S. Minimal or no VOC reductions were observed that would be attributed to treatment from sparge point ZI-1S. Effectiveness of the sparging appears to be impacted by heterogeneity of the soil formation, with limited effectiveness to the east and downgradient to the south. This heterogeneity is more evident on the contour map showing the injection results in the deeper sparge zone.

4.1.3 Post-treatment Analysis

Field analysis of post-injection groundwater samples obtained on February 21, 2008, several weeks after terminating ozone sparge operation. This data indicates that DO levels remain high at ZM-03S, ZM-04S, and ZM-04D (see Figure 4). Significant post-injection reduction in VOCs has continued at ZM-04S, and there appears to be no rebound of VOCs in the deeper ZM-4D. Significant rebound of VOCs (to an order-of-magnitude higher than baseline concentrations) has occurred post-injection at ZM-02S.

4.2 Permanganate

A variety of methodologies were used to assess the distribution of permanganate in the test area and to then correlate this with the VOC sampling results to assess the effectiveness of the *in situ* oxidation process.

4.2.1 Field Parameters

None of the four field parameters appeared to be effective in delineating the extent of the permanganate injectant — the exception being consistently high ORP (>800 mV) and SC readings (>> 100 μ S) at PM-2D beginning in October 2007. These readings correlate well with other data discussed below that indicate the movement of KMnO_4 into the saprolite zone downgradient of the injection during the September – October 2007 time period. There appears to be no consistent correlation of DO readings with ORP readings at any of the permanganate injection monitoring points. It should also be noted that field parameters obtained on June 11, 2008 should be ignored due to potential instrument error.

4.2.2 Color Analyses

Colorimetric comparisons for KMnO_4 , as detected from monitoring well samples, were useful in detecting permanganate at concentrations greater than 0.5 ppm. Initial break-through of KMnO_4 was visually observed at performance monitoring well PM-2D on October 24, 2008. This was the only monitoring well that exhibited visual color change through the initial 20 weeks of monitoring. On February 21, 2008, KMnO_4 color was observed at monitoring wells PM-1D, PM-2S, PM-2D, and PM-4S at apparent concentrations ranges of 0.1 to 0.5 ppm, ~50 ppm, 100 to 500 ppm, and 100 to 500 ppm, respectively. On June 3, 2008, KMnO_4 color was observed at monitoring wells, PM-2S, PM-2D, PM-4S and PM-4D at apparent concentrations of 100 ppm, 500 ppm, 100 ppm, and >10 to <50 ppm, respectively. These data present strong evidence that the injectant has continued to diffuse further out into the aquifer.

4.2.3 Confirmation Soil Sampling

To gain a more detailed understanding of the distribution of the injectant in the soil formation, confirmation tests were conducted in the injection zone. On October 29, 2007, five direct-push soil borings were placed at the locations shown on Figure 3. These borings were concentrated in areas immediately downgradient of injections PI-2 and PI-3. Soil samples were obtained with macro-core liners. Upon their retrieval, the soil cores were photographed. Soil cores from locations C-1, C-2, and C-3 showed strong evidence of staining (see Figures 7 through 9).

Figure 10 is a cross section illustrating the relative visual distribution of permanganate within the soil formation, as observed during inspection of the soil cores. As anticipated, migration of the injectant was heavily controlled by the structure of the saprolite. Variations in the effective pore space could be observed, and appeared to positively correlate with the degree of residual coarse-grained quartz and feldspar remaining from the saprolite weathering and mineral leaching process. The more permeable porous zones exhibited the greatest degree of coloration. At location C-2, the injectant extended 5 feet below the lowest point of injection.

Observational evidence for diffusion of the permanganate into the formation matrix is present. Matrix diffusion can be an important secondary transport mechanism whereby, over time, fluids diffuse and release into the finer-grained material adjacent to the more permeable porous zones. The results, based on color alone, indicate that the deeper injections initially may have been more effective in distributing the injectant than the shallow injections. The estimated extent of the diffusion front for permanganate in October 2007, based on observed color analysis, is shown on Figure 10.

4.2.4 Manganese Distribution

Analysis for soluble manganese in groundwater was also used to assess permanganate distribution (see Table 5). Figure 11 presents a graph of soluble manganese at each monitoring point with time. Baseline concentrations of soluble manganese in the shallow aquifer zone range from 0.24 to 0.73 ppm and in the deeper zone from 0.056 to 0.12 ppm. The graph clearly shows the breakthrough of KMnO_4 occurring between the 6-week and 21-week sampling episodes at PM-2S (2.2 ppm), PM-2D (420 ppm). At the 30-week sampling episode, significant increases in soluble manganese concentrations were detected at PM-2S (3.4 ppm) and PM-4S (23 ppm), while the wave front at PM-2D appears to have peaked at 420 ppm between weeks 21 and 30. At the 45-week sampling episode, concentrations of soluble manganese have continued to increase at PM-2S (11.9 ppm), PM-4S (61.1) and PM-4D (4.63 ppm), while concentrations at PM-2D have remained relatively constant at 138 ppm.

While observation of heterogeneities in the saprolite formation indicates that distribution of the injectant is expectedly erratic, it is RMT's opinion that the discontinuity (probable truncation) of the more permeable zones within distances on the order of 10 to 20 feet lessens the rate of injectant migration from the core of the injection. This, of course, is a beneficial effect in that it helps to maintain a diffusion gradient from those zones into the adjoining saprolite matrix. RMT estimates that the overall wave front of the injectant varies depending on the saprolite heterogeneities, hydraulic gradients and injection dispersion. Using the collective observation from the pilot test the general injectant diffusant rates are estimated at approximately 25 to 50 feet per year.

Based on field observations and the measured soluble manganese concentrations, Figure 12 was prepared to depict the interpolated distribution of manganese, which is indicative of the impacted zone of permanganate injection after 45 weeks. Figure 12 was contoured assuming concentrations of permanganate exceeded 10,000 ppm near the injection points and decreased to background concentrations of less than 1 ppm outside of the zone of influence from the injection as evidenced by the measured concentrations of pre-injection soluble manganese at the performance monitoring wells.

4.2.5 Volatile Organic Compound Results

Laboratory analytical results for VOCs samples taken during the permanganate pilot test are presented in Table 5. Copies of the analytical reports are provided in Appendix B. The VOC data indicate that significant reductions in VOC levels have occurred within the permanganate test area. Both trichloroethene (TCE) and tetrachloroethene (PCE) exhibited similar reductions, although where complete removal of TCE occurred at monitoring wells PM-02S and PM-04S, 9.1 µg/L and 3.0 µg/l of PCE remain, respectively. Total VOC concentration (TCE and PCE) reductions of between 87 and 100 percent were observed at five monitoring wells (PM-1S, PM-2S, PM-2D, PM-4S, and PM-4D). Downgradient permanent monitoring well BRMW-02 exhibited a reduction of 56 percent total VOC concentration, while upgradient monitoring well PM-03 exhibited a reduction of 7 percent. All other monitoring wells sampled had non-detect concentrations, or were below action levels during baseline monitoring. Figure 13 presents a graph of VOC concentrations over time since injection took place. As noted on Figure 13, concentrations of VOCs at PM-02S, PM-02D, and PM-04S in groundwater samples obtained at the 30-week sampling episode were assumed to be non-detect based on the visual presence of excessive KMnO_4 . Groundwater samples exhibiting visual presence of KMnO_4 during the 45-week sampling episode were neutralized prior to VOC analysis. This graph shows that the VOC concentrations have consistently trended downward throughout the course of the pilot test, and indicate that the permanganate is persistent, and has remained active in oxidizing VOCs since

completion of the injection. This extended and consistent trending may also point to the importance of secondary matrix diffusion as a necessary mechanism to effectively treat VOCs within the saprolite matrix. The only potential rebound shown on this graph is for upgradient monitoring well PM-03S. This rebound may be attributable to influx of VOC impacted groundwater from upgradient of PM-03S which has overcome the kinetic effects of the injection.

Figure 14 presents an estimation of iso-concentration contours of total VOCs (PCE and TCE) in shallow groundwater at the 45-week post-injection sampling event. This figure focuses on the shallow groundwater concentrations (S-series wells) because the vast majority of the VOC mass is located in the shallow groundwater. Figure 14 indicates that the pilot injection has essentially oxidized a "hole" in the VOC plume. Of significance is that VOCs have been oxidized at the west end of the plume where concentrations of VOCs are the highest (>1,000 parts per billion [ppb]). Note that visual superposition of the manganese distribution shown in Figure 12 and the "hole" in the VOC distribution shows a strong correlation.

4.2.6 Correlation of Soluble Manganese to Volatile Organic Compound Reduction

At monitoring well PM-4S, the reduction of total VOCs was from 2,140 ppb to 510 ppb at the end of the 20-week period, while at the same time soluble manganese concentrations were moderately low at 0.35 ppm. This suggests that concentrations of <1 ppm of KMnO_4 are effective in oxidizing high the residual VOCs. Figure 15 presents a graph comparing the percent reduction in total VOCs to soluble manganese concentrations. The comparison suggests a strong correlation and also indicates that significant oxidation occurs at concentrations <1 ppm of KMnO_4 . Since this is also the concentration at which the KMnO_4 color comparator becomes effective, this appears to be a good method for field screening the zone of impact from permanganate injection.



Section 5

Comparison and Conclusions of the Ozone and Permanganate Tests

Both pilot tests indicate that site VOCs, in general, are amenable to treatment using *in situ* oxidation technology. However, oxidant distribution and resulting treatment exhibited a degree of variability due to the relatively low permeability and heterogeneities within the saprolite formation. These features will be important in selecting which technology is most promising, and the capability of that technology to effectively inject or sparge oxidant into the saturated portions of the formation.

5.1 Ozone

Results of the ozone sparging test indicate that the maximum distribution of dissolved oxygen was reached within 15 days of initiation of sparging, and that the maximum radius of influence of sparge points is 15 feet or less within the saprolite formation. The effective VOC reduction using ozone was limited, with only three of ten monitoring wells (ZM-3S, ZM-4S, and ZM-4D), exhibiting effective treatment. The remaining seven monitoring points little or no reductions in VOC concentrations. In addition, portions of the treatment zone, once sparging was terminated, indicated the potential for significant rebound. Thus, the radius of influence of the sparging and difficulty in addressing soil heterogeneities appear to be limiting factors with this technology.

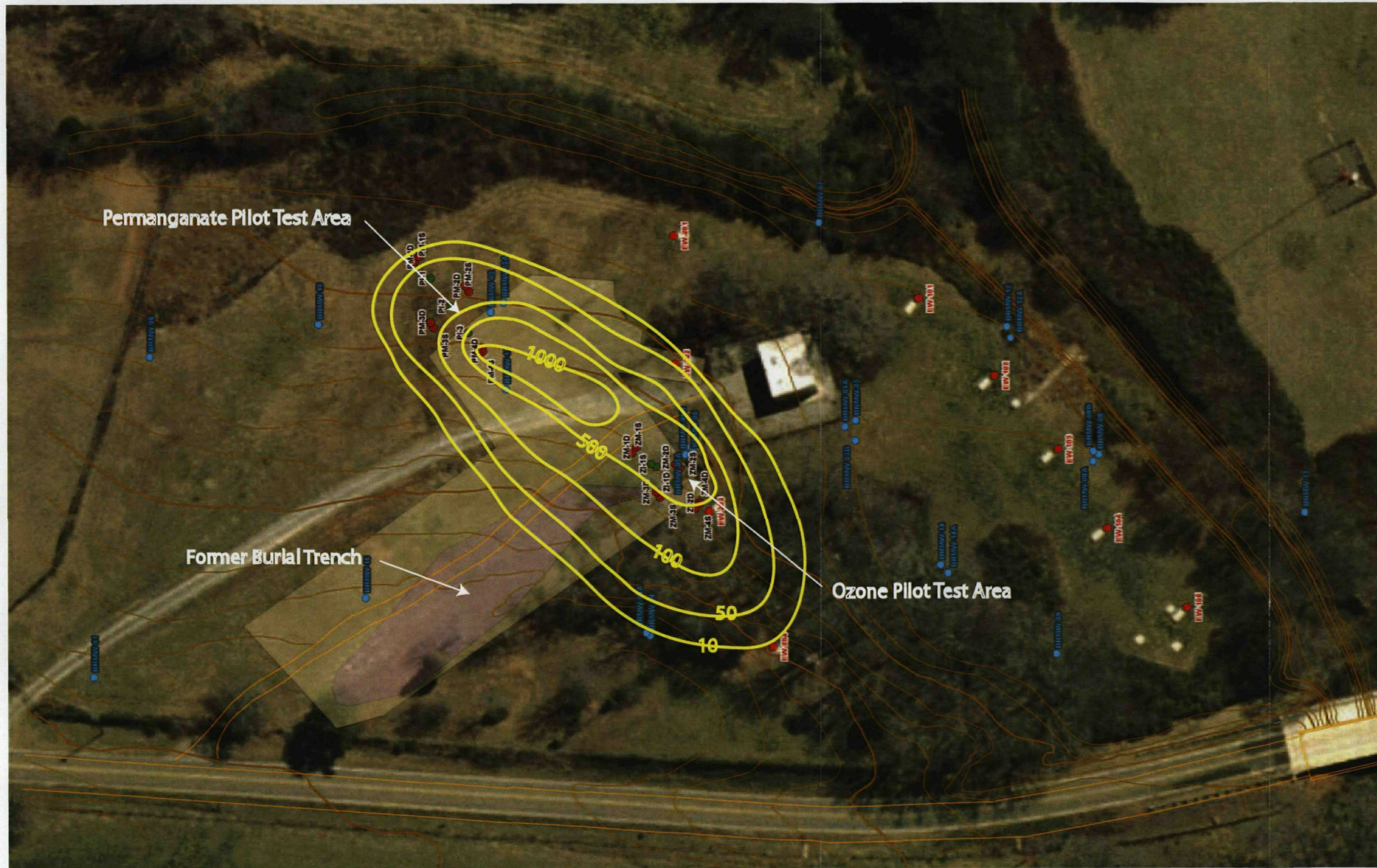
5.2 Permanganate

The radius of influence of the permanganate injection appears to be approximately 30 feet within one year of the injection. As shown by the persistence of the oxidant and continued removal of VOCs, diffusion of $KMnO_4$ appears to be continuing, and is expected to continue to until it is eventually diluted or consumed by organics. While more permeable zones provide substantially faster pathways of injectant migration, the general distribution of color and manganese in the groundwater suggests that diffusion is an important part of the fluid dynamics of the system. This is important in that much of the residual VOCs may be diffused within the formation matrix, and if this is the case, then the injection of a long-lived, or persistent, oxidant such as potassium permanganate would be favored.

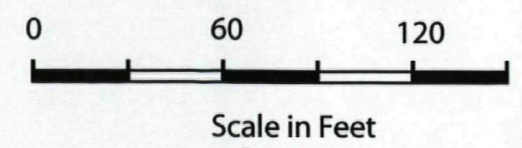
5.3 Summary

Overall comparisons of both technologies suggest that permanganate injection is the more effective approach to *in situ* chemical oxidation of the residual VOCs of the two methods tested.

Figures

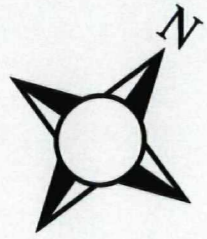


50 Total Pre-Injection VOC Concentration (ppb)



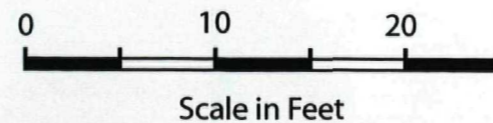
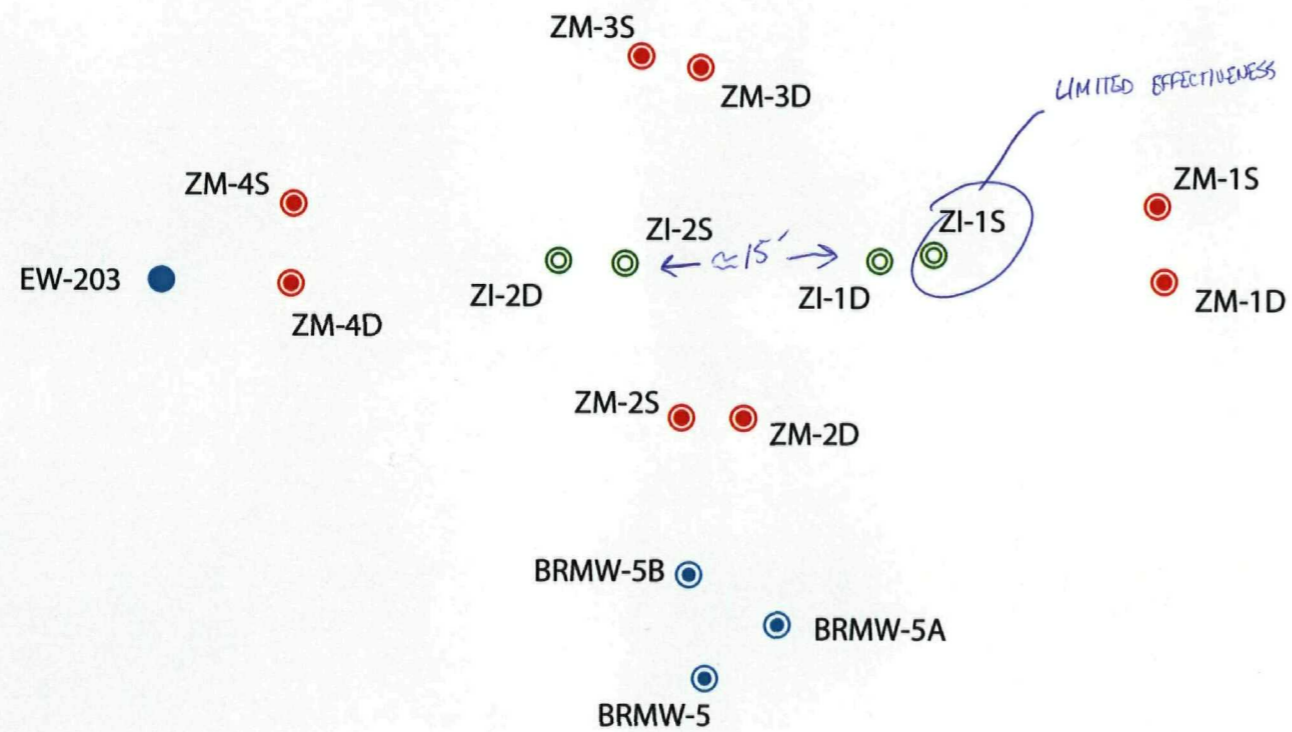
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Sangamo Breazeale Site
Oxidation Pilot Test Plan



LEGEND

- ⊙ Existing Monitoring Well
- Existing Extraction Well
- Temporary Monitoring Well
- ⊙ Ozone Sparge Point



Drawn By: AFD

File No: 71238.32/BreazealePilotFig2

Date: December 2007

Proj: 71238.32

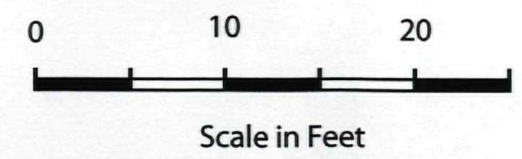
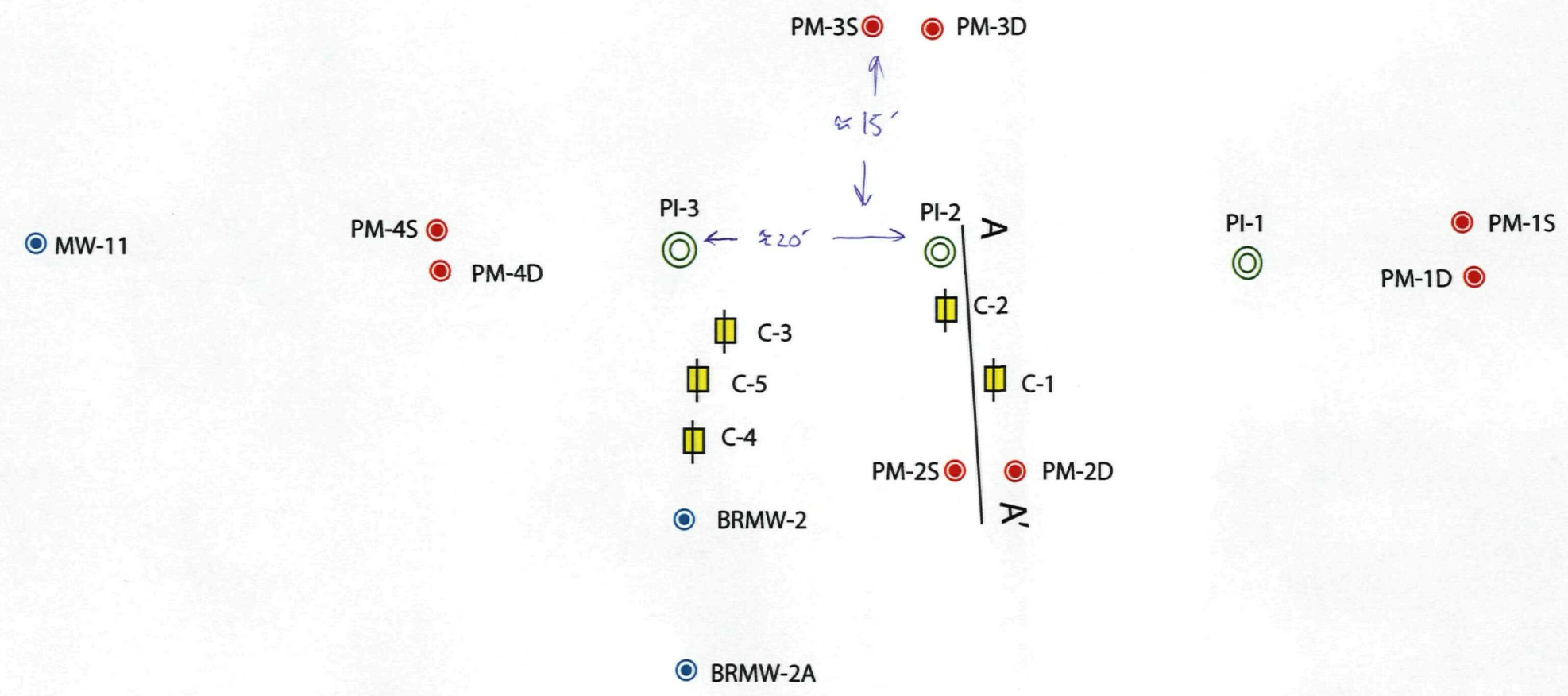
Sangamo Breazeale Site
Ozone Sparge Pilot Test Plan

FIGURE 2



GW FLOW
↓

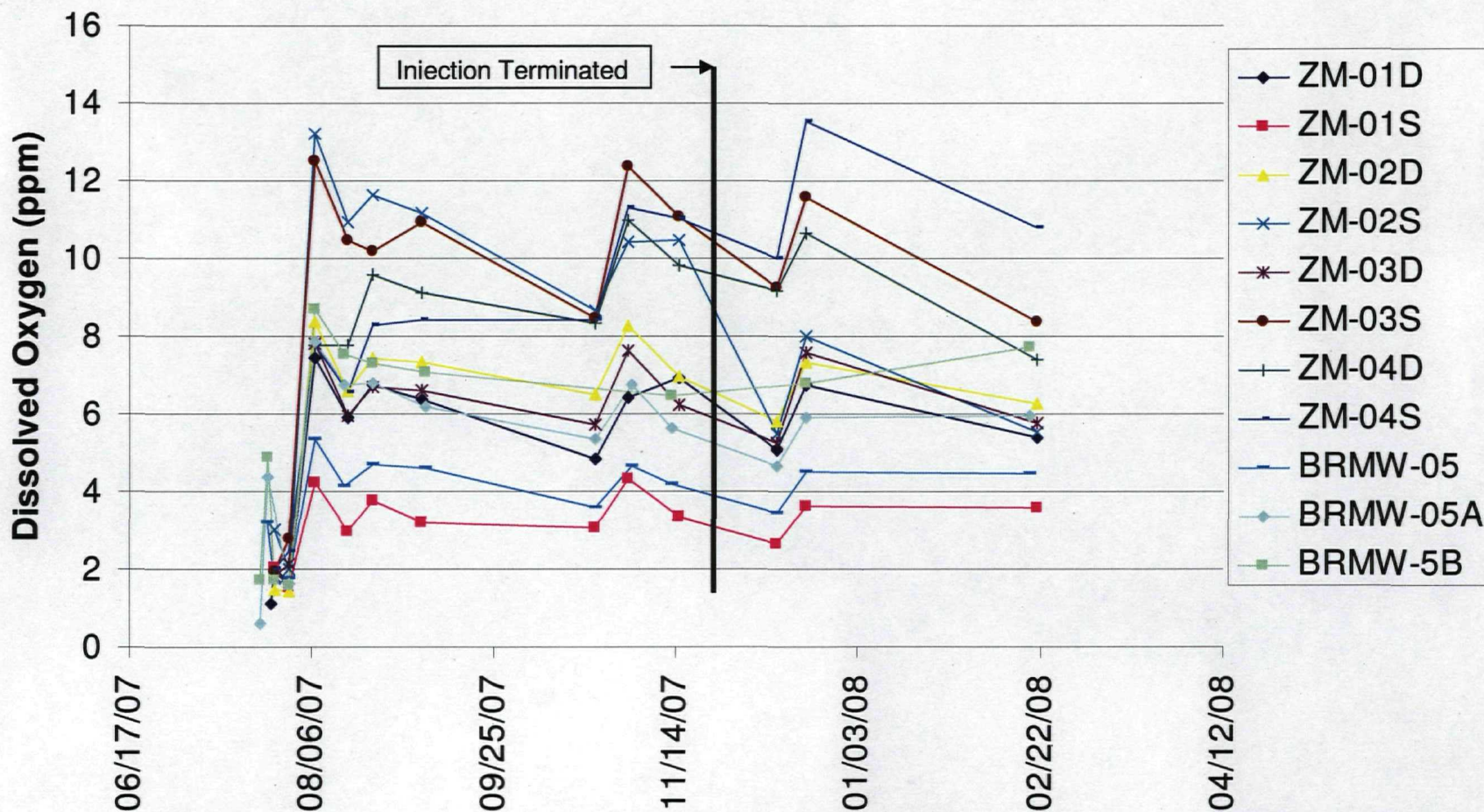
- LEGEND
- Existing Monitoring Well
 - Temporary Monitoring Well
 - Permanganate Injection Point
 - ▧ Confirmation Soil Boring (10/30/07)
 - A — A' Line of Cross Section

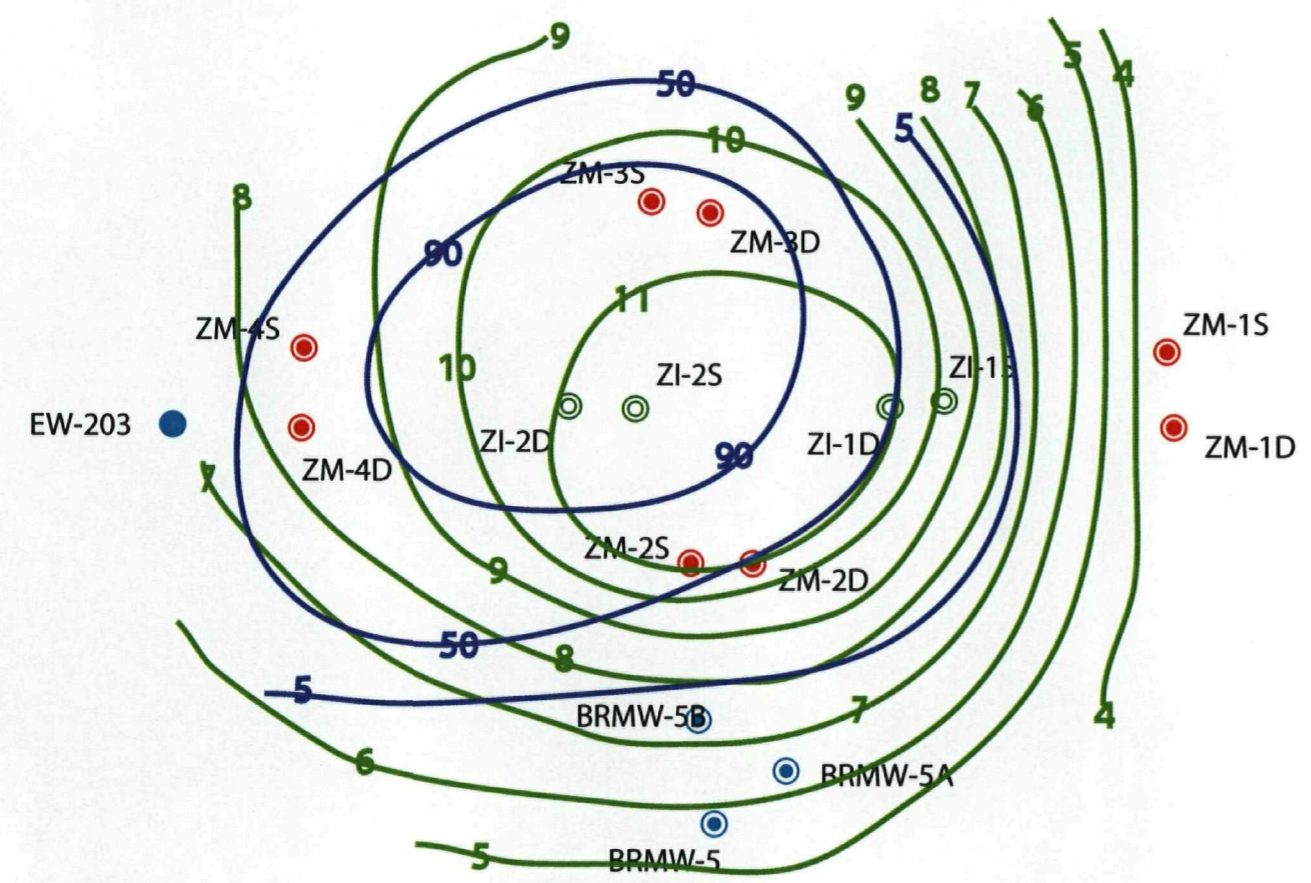
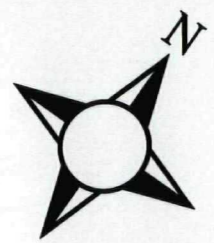


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Sangamo Breazeale Site
Permanganate Pilot Test Locations
FIGURE 3

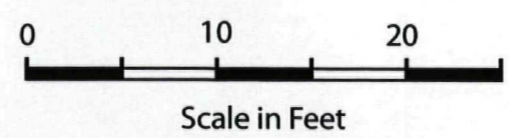
FIGURE 4
Breazeale Ozone Pilot Test
Dissolved Oxygen





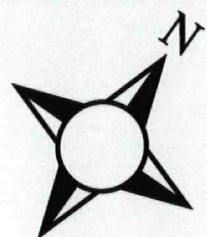
LEGEND

- ⊙ Existing Monitoring Well
- Existing Extraction Well
- Temporary Monitoring Well
- ⊙ Ozone Sparge Point
- 7 — Dissolved Oxygen(PPM)
- 50 — Percent Reduction in VOCs



Drawn By: AFD
 File No: 71238/pilot/Figure5
 Date: December 2007 Proj: 71238.32

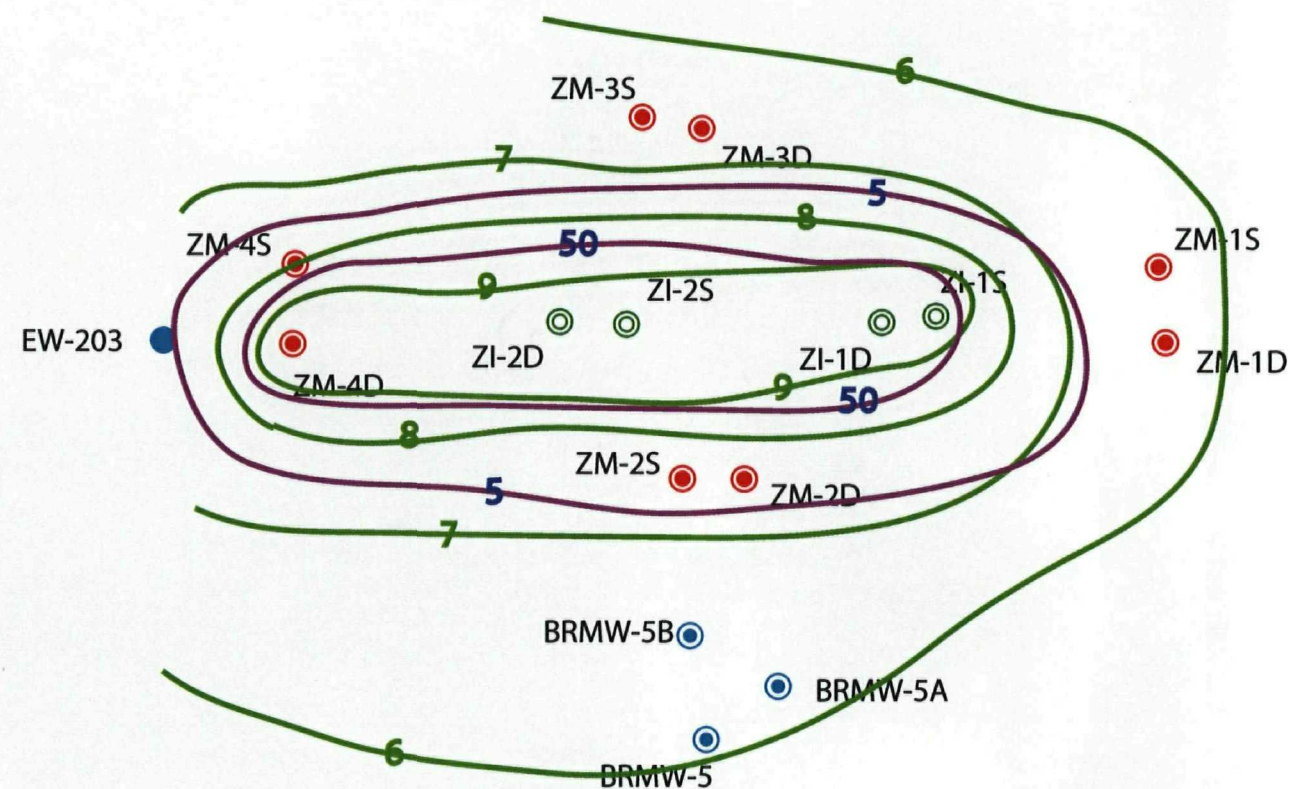
Sangamo Breazeale Site
Ozone Test Results - Shallow Sparge
FIGURE 5



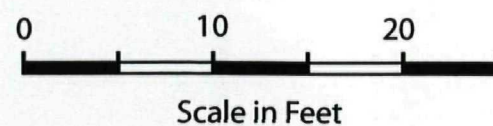
LEGEND

- ⊙ Existing Monitoring Well
- Existing Extraction Well
- Temporary Monitoring Well
- ⊙ Ozone Sparge Point

- Dissolved Oxygen (PPM)
- Percent Reduction in VOCs



RMT



Drawn By: AFD

File No: 71238/Breazeale pilot/Figure6

Date: December 2007

Proj: 71238.32

**Sangamo Breazeale Site
Ozone Test Results - Deep Sparge**

FIGURE 6

C-1 (0 to 50 Feet)



RMT



Permanaganate Pilot Test - Confirmation Soil Boring C-1

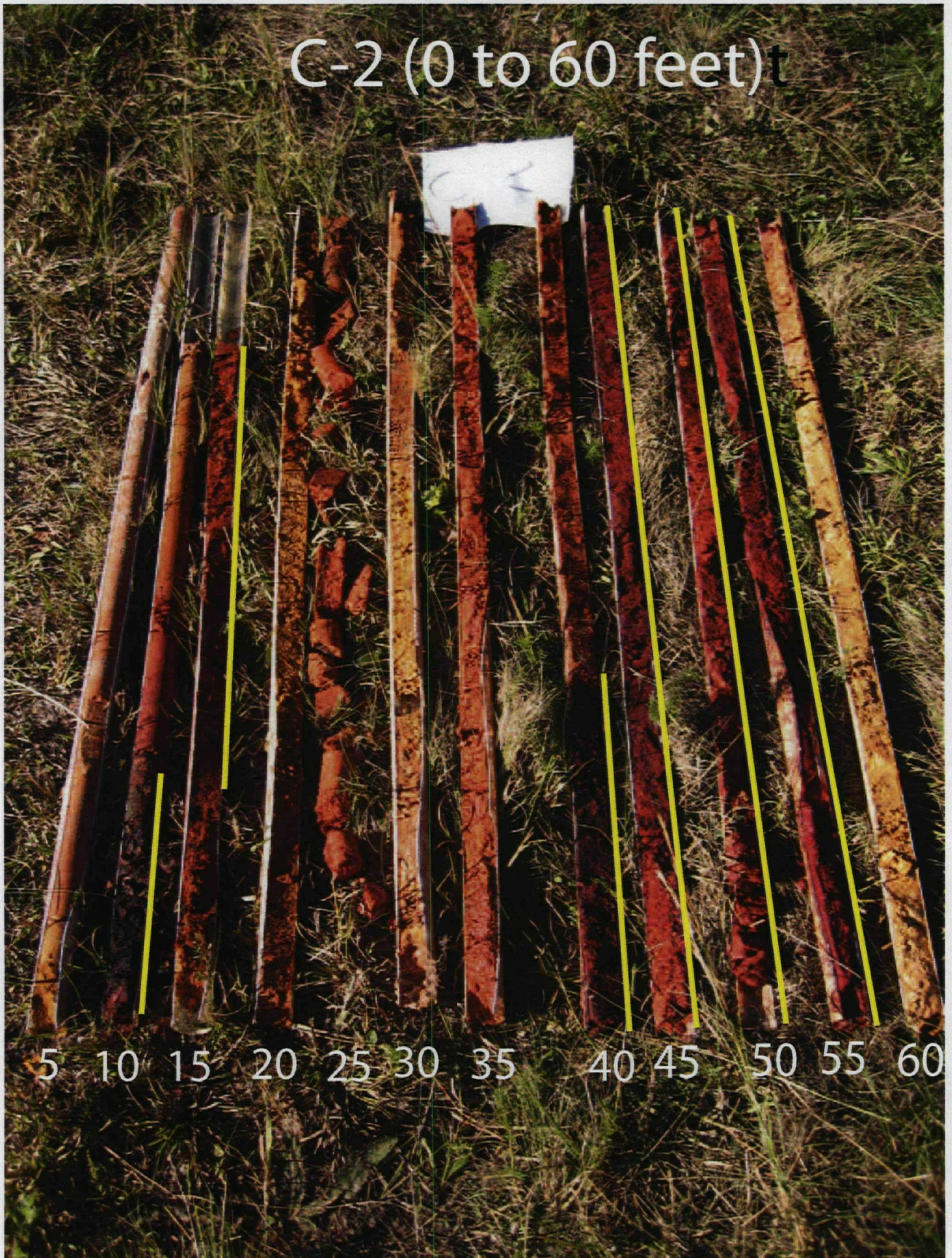
Project No: 71238/BreazealePilot/Fig7

Date: October 2007

Drawn By: AFD

FIGURE 7

C-2 (0 to 60 feet)



RMT



Permanaganate Pilot Test - Confirmation Soil Boring C-2

Project No: 71238/BreazealePilot/Figure8

Date: October 2007

Drawn By: AFD

FIGURE 8

C-3 (0 to 25 Feet)



RMT

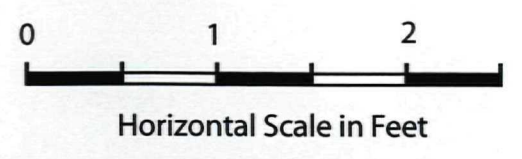
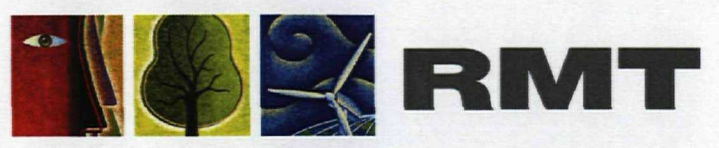
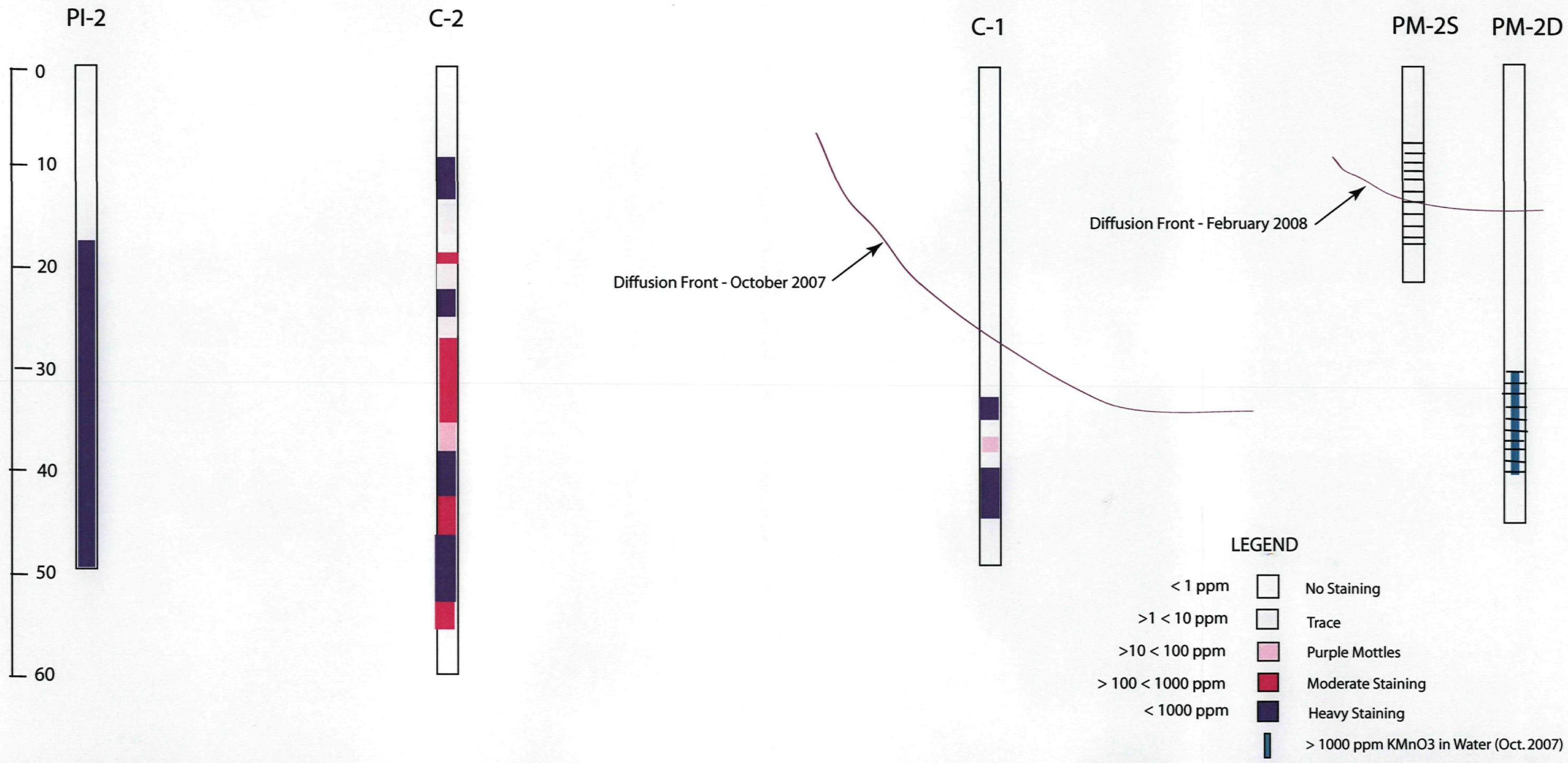


Permanaganate Pilot Test - Confirmation Soil Boring C-3

Project No: 71238/BreazealePilot/Figure9

Date: October 2007 Drawn By: AFD

FIGURE 9



Drawn By: AFD

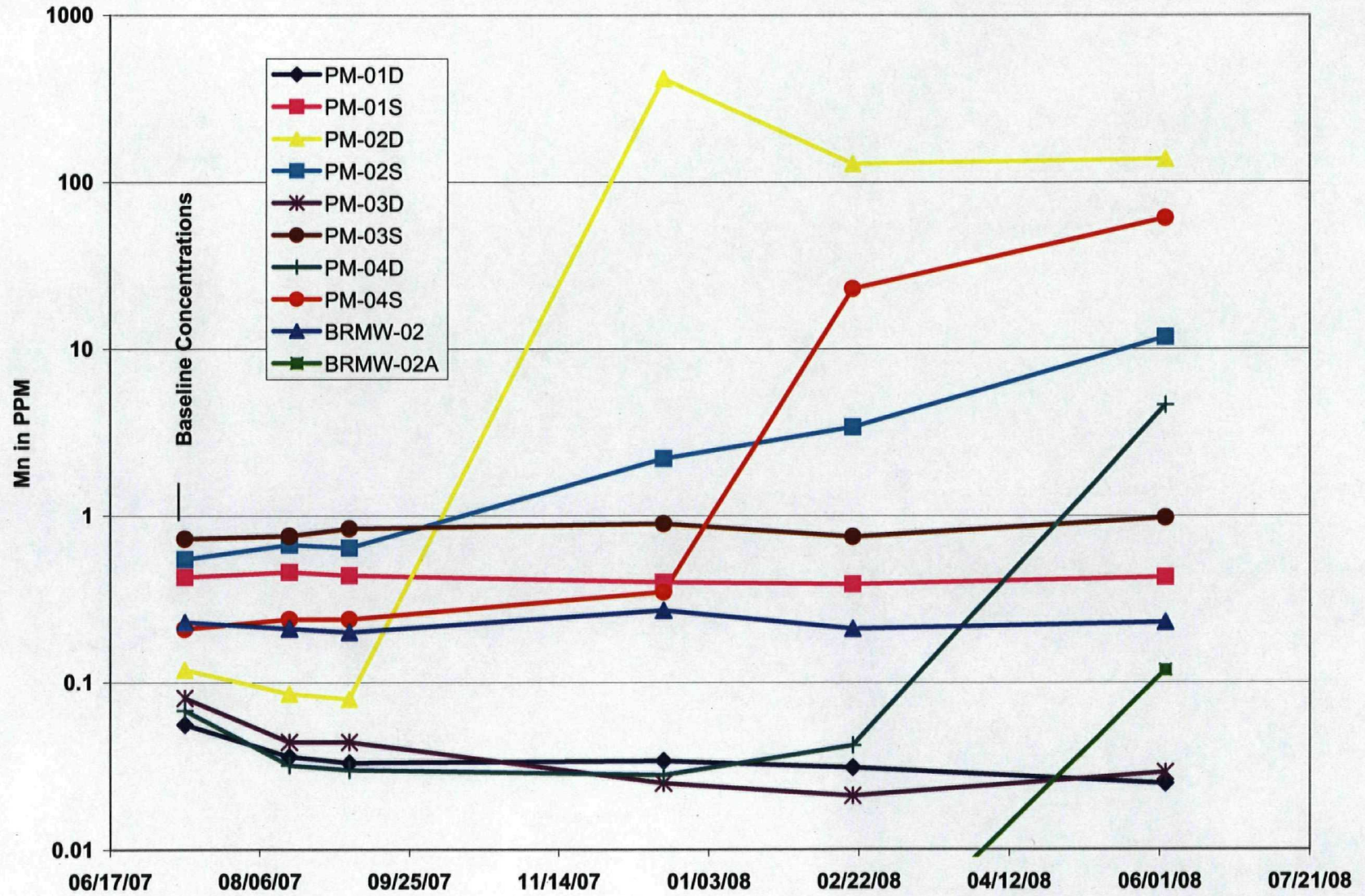
File No: 71238/breazealepilot/Figure10

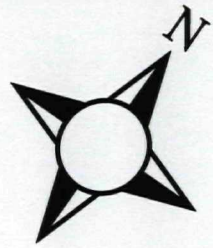
Date: March 2008

Proj: 71238.32






Sangamo - Breazeale - Permanganate Pilot
CROSS SECTION A - A'

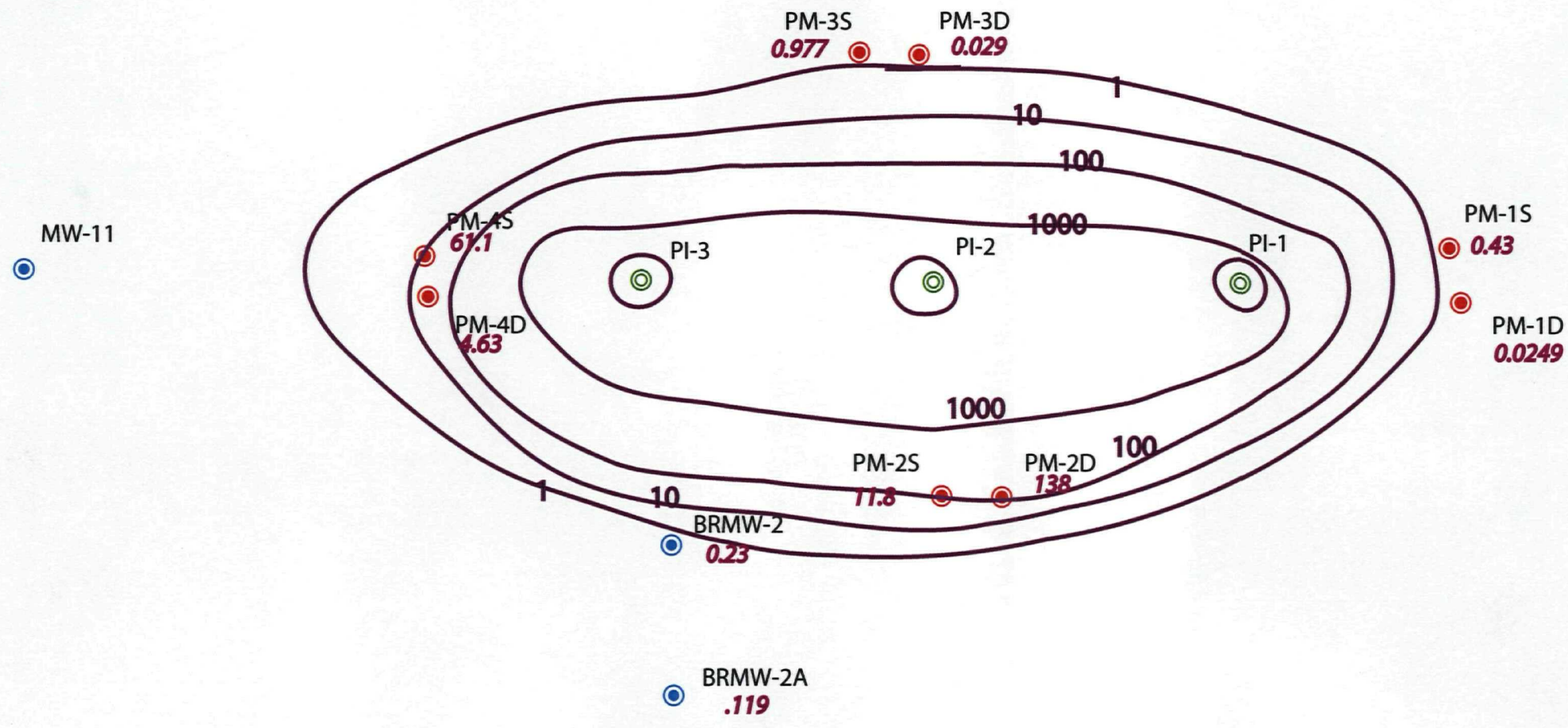
Figure 11
Soluble Manganese with Time



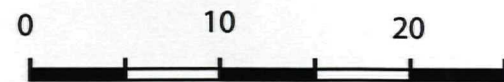


LEGEND

-  Existing Monitoring Well
-  Temporary Monitoring Well
-  Permanganate Injection Point
-  10 Estimated Soluble Manganese Concentration in Groundwater (ppm)
-  11.8 Concentration (ppm/ June 2008)



RMT



Scale in Feet

Drawn By: AFD

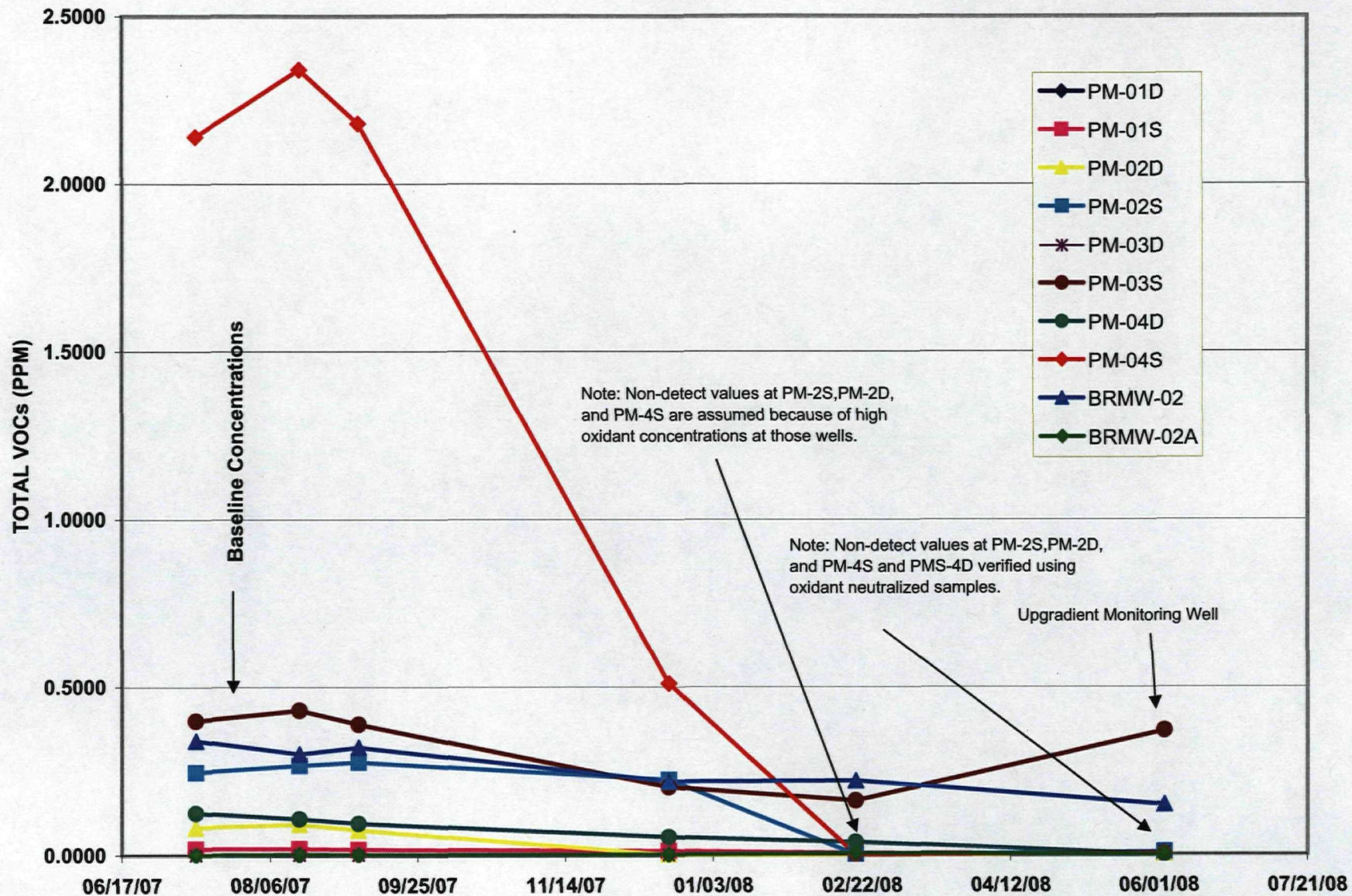
File No: 71238/BreazealePilot/Figure 11

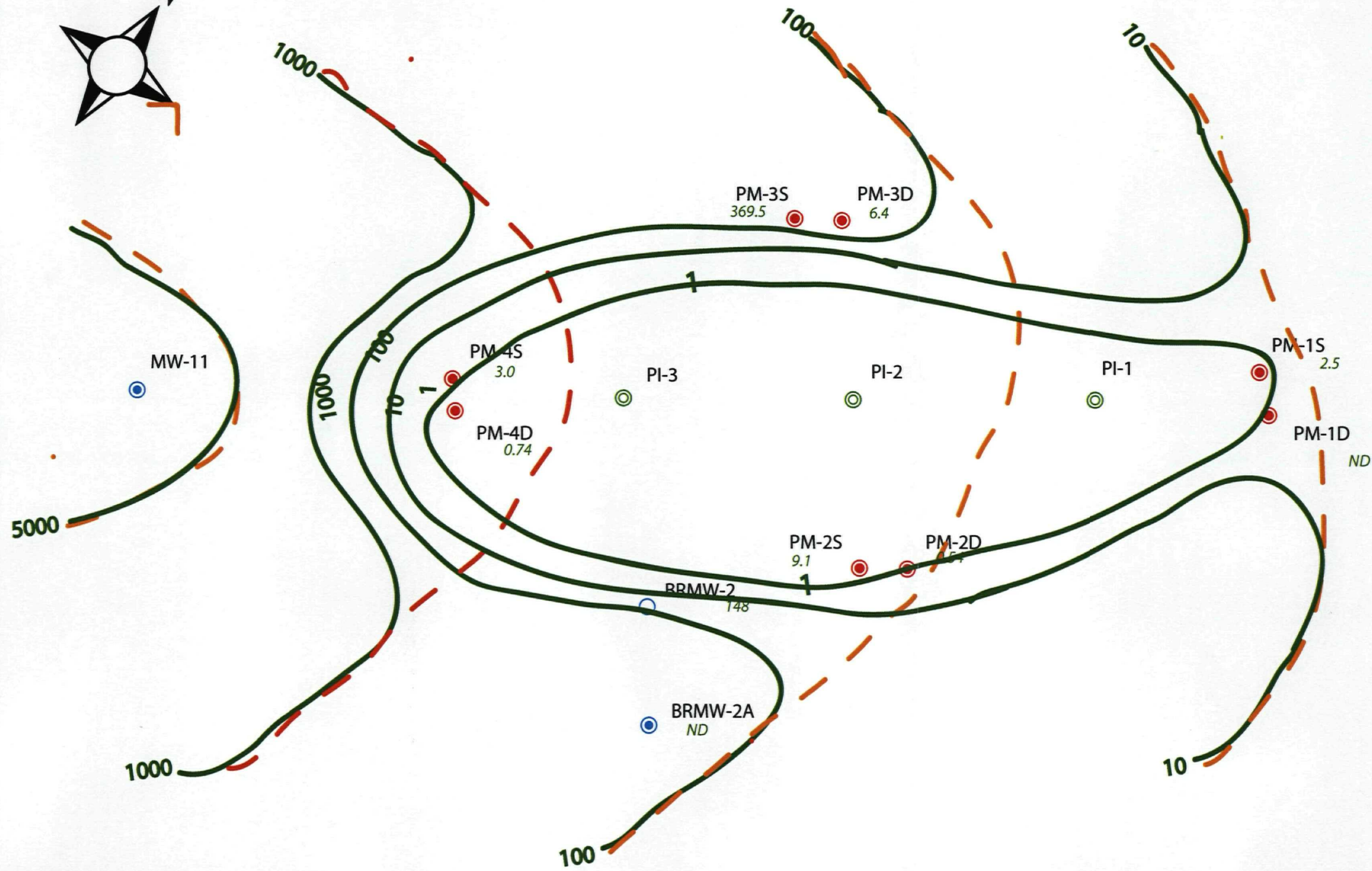
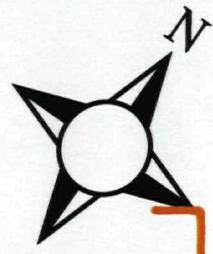
Date: July 2008 Proj: 71238.32

Sangamo Breazeale Site
Soluble Manganese Distribution

FIGURE 12

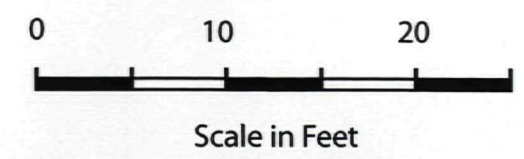
Figure 13
Total VOC Concentrations with Time





- LEGEND**
- Existing Monitoring Well
 - Temporary Monitoring Well
 - Permanganate Injection Point
 - Pre-Injection Total VOCs in Groundwater (ppb) July 2007
 - Post-Injection Total VOCs in Groundwater (ppb) - June 2008

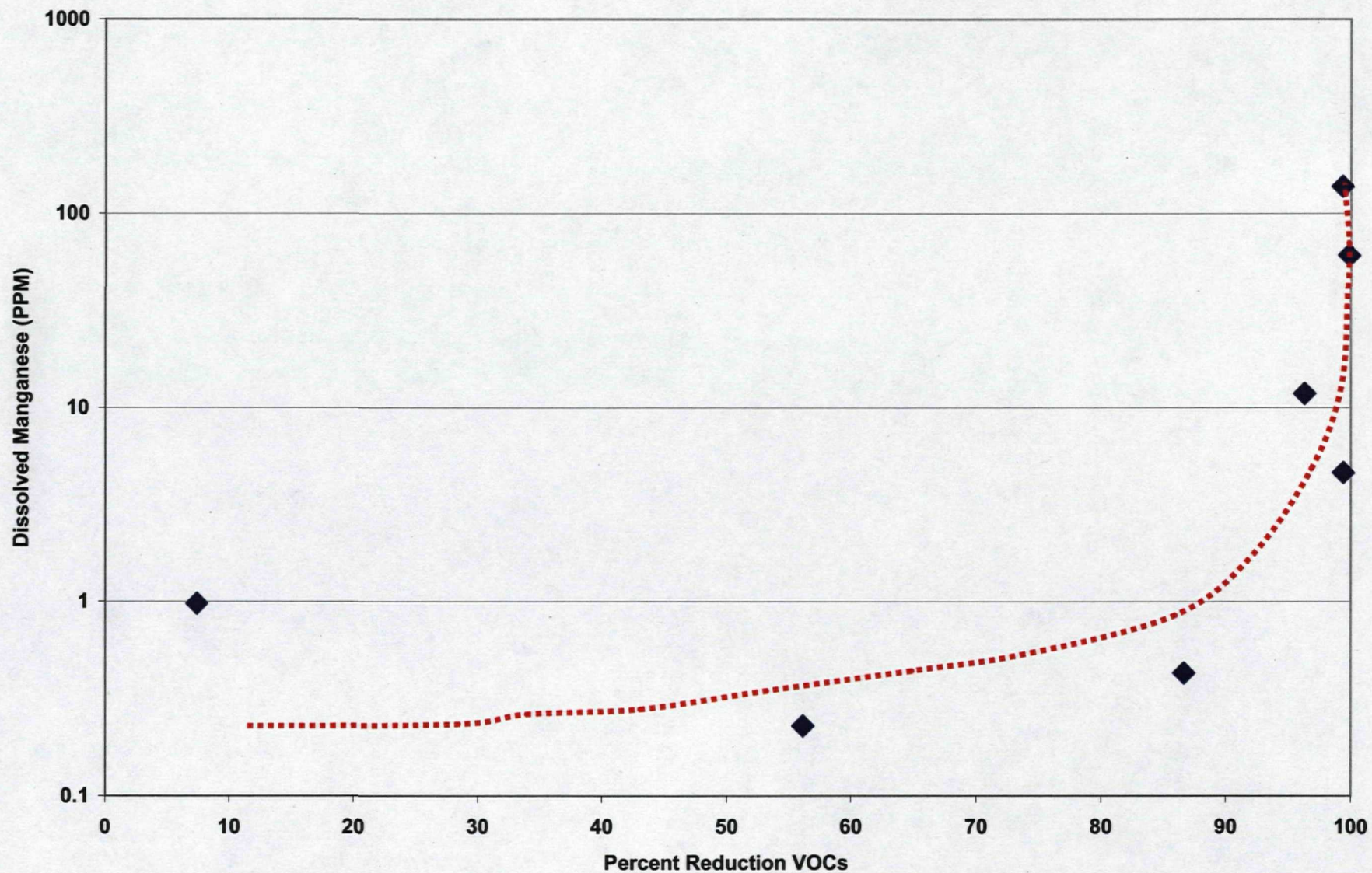
Note - the contours presented are a graphic interpretation of the general distribution of total VOCs interpreted from both shallow and deep groundwater intervals as determined from laboratory analysis for VOCs in June 2008. Concentration contours were drawn based on the highest concentration found at a given well pair.



Drawn By: AFD
 File No: 71238/BreazealePilot/Figure14
 Date: July 2008 Proj: 71238.32

Sangamo Breazeale Site
Post-Injection VOC Distribution

Figure 15
Comparison of Percent VOC Reduction to Dissolved Manganese (PPM)



Tables

Table 1
Performance Monitoring Point Construction Summary

MONITORING POINT ID	TOP OF CASING ELEVATION (NGVD)	TOTAL BORING DEPTH (ft. bgs)	TOTAL WELL DEPTH (ft. bgs)	SCREENED INTERVAL (ft. bgs)	TOP OF SAND (ft. bgs)	TOP OF BENTONITE (ft. bgs)
Ozone						
ZM-01D	897.28	45	45	35-45	33	29
ZM-01S	897.47	35	35	25-35	17	15
ZM-02D	897.29	45	45	35-45	33	31
ZM-02S	897.04	30	30	20-30	18	16
ZM-03D	898.33	45	45	35-45	33	31
ZM-03S	898.52	30	30	20-30	18	15
ZM-04D	896.08	45	45	35-45	33	29
ZM-04S	896.52	30	30	20-30	18	16
Permanganate						
PM-01D	892.39	45	40	30-40	28	26
PM-01S	892.44	20	17	7-17	5	2
PM-02D	892.72	45	40	30-40	28	26
PM-02S	893.06	21	18	8-18	6	4
PM-03D	893.94	45	40.50	30.5-40.5	28	26
PM-03S	893.71	20	18	8-18	6	3
PM-04D	896.11	45	40	30-40	28	26
PM-04S	896.52	25	20	10-20	8	6

NAVD - North American Vertical Datum.

bgs - Below ground surface.

Table 2
Permanganate Injection Summary

INJECTION LOCATION ID	INJECTION DEPTH (ft bgs)	INJECTION VOLUME (gallons)	INJECTION PRESSURE (psi)
PI-1A	50	180	60
	47	180	60
	44	180	60
	41	180	60
PI-1B	38	180	60
	35	180	60
	32	180	60
	29	180	60
PI-1C	26*	180	60-20
	23	180	15-20
	20*	180	15-18
	18	180	10
Total Injected at PI-1		2160	
PI-2A	50	180	60
	47	180	60
	44	180	50
	41	180	50
PI-2B	38	180	50
	35*	180	55-5
	32	180	5
PI-2C	29*	80	5
	26	155	5-20
	23	180	5
	20	180	5-10
	18	170	5-10
Total Injected at PI-2		2025	
PI-3A	50	180	40
	47	180	40
	44	180	40
	41	180	40
PI-3B	38	180	30
	35	180	40
	32	180	20-30
	29	180	20
PI-3C	26	180	30
	23	180	20-30
	20*	180	10
Total Injected at PI-3		1980	
Total Potassium Permanganate Injected		6165	

bgs - below ground surface

* Daylighting, or surfacing, of the potassium permanganate was observed at this location and depth interval during injection activities.

Table 3
Summary of Pilot Test Field Parameters

LOCATION	SAMPLE DATE	DEPTH TO WATER	PARAMETER					
			DISSOLVED OXYGEN	ORP	PH	SPECIFIC CONDUCTIVITY	TEMPERATURE	TURBIDITY
Ozone Performance Monitoring Wells								
ZM-01D	07/17/07	22.55	13.05	461	4.88	42	16.70	3.17
ZM-01D	07/26/07	NM	1.12	254.3	3.35	32	17.66	NM
ZM-01D	07/27/07	NM	2.03	194	4.73	30	17.38	NM
ZM-01D	07/31/07	22.03	1.65	241.4	3.71	28	17.30	NM
ZM-01D	08/07/07	22.38	7.43	262.4	4.9	30	17.03	NM
ZM-01D	08/16/07	22.51	5.93	277.8	5.12	32	17.06	0.71
ZM-01D	08/23/07	22.92	6.75	246.5	4.96	31	17.33	NM
ZM-01D	09/05/07	22.28	6.37	289.9	5.13	31	17.07	1.15
ZM-01D	10/23/07	22.55	4.86	182.2	5.10	54	17.33	NM
ZM-01D	11/01/07	22.19	6.41	200.1	5.11	28	17.08	NM
ZM-01D	11/15/07	22.52	6.92	309.3	5.06	28	16.29	0.45
ZM-01D	12/12/07	22.18	5.07	262.6	4.98	26	16.83	0.27
ZM-01D	12/20/07	22.15	6.75	435.6	5.29	28	16.04	NM
ZM-01D	02/21/08	20.45	5.4	478.2	5.01	24	15.48	0.5
ZM-01S	07/17/07	22.73	7.25	449	4.57	70	16.30	1.09
ZM-01S	07/27/07	22.02	2.04	NM	4.44	43	16.81	NM
ZM-01S	07/31/07	22.26	1.53	224.8	3.11	44	17.13	NM
ZM-01S	08/07/07	22.61	4.21	290.6	4.57	48	16.73	NM
ZM-01S	08/16/07	22.40	2.97	244.8	4.76	58	17.08	0.34
ZM-01S	08/23/07	23.03	3.79	276.5	4.59	50	16.98	NM
ZM-01S	09/05/07	22.42	3.21	339.8	4.92	53	17.06	1.46
ZM-01S	10/23/07	22.75	3.05	186.2	4.90	94	17.46	NM
ZM-01S	11/01/07	22.75	4.33	236	4.84	50	17.03	NM
ZM-01S	11/15/07	22.69	3.36	344.6	4.8	54	16.57	48
ZM-01S	12/12/07	22.40	2.64	249.1	4.76	50	17.06	0.26
ZM-01S	12/20/07	22.39	3.62	426.2	4.93	52	16.45	NM
ZM-01S	02/21/08	19.66	3.56	493.2	4.95	49	15.81	3.51
ZM-02D	07/17/07	22.61	14.2	458	4.95	35	16.60	1.51
ZM-02D	07/27/07	22.39	1.5	204.7	4.49	23	17.18	NM
ZM-02D	07/31/07	22.12	1.43	245	4.05	23	17.24	NM
ZM-02D	08/07/07	22.09	8.36	265.3	4.97	26	17.28	NM
ZM-02D	08/16/07	22.63	6.62	273.1	5.1	27	17.13	0.44
ZM-02D	08/23/07	23.01	7.46	253.8	5.11	27	17.31	NM
ZM-02D	09/05/07	21.96	7.33	54.0	5.3	28	17.01	1.04
ZM-02D	10/23/07	23.02	6.49	183.9	5.25	52	17.40	NM
ZM-02D	11/01/07	21.85	8.27	230.9	5.14	28	16.86	NM
ZM-02D	11/15/07	23.24	6.99	330.4	5.23	26	16.55	0.49
ZM-02D	12/12/07	22.29	5.83	241.7	5.16	27	16.97	0.20
ZM-02D	12/20/07	22.31	7.35	431.2	5.32	28	16.18	NM
ZM-02D	02/21/08	20.96	6.28	475.7	5.18	26	15.8	0.4
ZM-02S	07/17/07	22.73	5.93	4.69	4.44	142	16.50	0.88
ZM-02S	07/27/07	22.03	3.03	170.9	4.82	71	17.30	NM
ZM-02S	07/31/07	21.63	2.02	246.6	4.05	60	17.06	NM
ZM-02S	08/07/07	22.03	13.2	286.3	4.69	56	17.48	NM
ZM-02S	08/16/07	22.27	10.94	276.5	4.9	60	16.79	0.29
ZM-02S	08/23/07	22.88	11.62	269.7	4.87	52	17.00	NM
ZM-02S	09/05/07	21.75	11.16	81.4	5.21	57	17.31	0.39
ZM-02S	10/23/07	22.30	8.63	190	5.19	66	17.37	NM
ZM-02S	11/01/07	22.15	10.43	290	5.09	32	17.05	NM
ZM-02S	11/15/07	22.89	10.45	345.3	5.13	31	16.75	0.45
ZM-02S	12/12/07	22.07	5.49	243.3	4.81	71	17.16	0.61
ZM-02S	12/20/07	22.09	8.02	442.4	4.99	72	16.58	NM
ZM-02S	02/21/08	20.59	5.54	482.2	4.82	68	15.88	0.48

Table 3
Summary of Pilot Test Field Parameters

LOCATION	SAMPLE DATE	DEPTH TO WATER	PARAMETER					
			DISSOLVED OXYGEN	ORP	PH	SPECIFIC CONDUCTIVITY	TEMPERATURE	TURBIDITY
Ozone Performance Monitoring Wells								
ZM-03D	07/17/07	23.61	13.29	452	4.82	37	16.60	0.89
ZM-03D	07/27/07	21.82	1.82	NM	4.32	25	16.99	NM
ZM-03D	07/31/07	24.40	2.14	482.4	4.52	24	16.67	NM
ZM-03D	08/07/07	23.23	7.82	653.2	4.79	28	16.79	NM
ZM-03D	08/16/07	21.97	5.97	535.9	5.05	29	16.85	0.54
ZM-03D	08/23/07	24.10	6.71	282.3	4.96	29	17.09	NM
ZM-03D	09/05/07	23.77	6.62	62.7	5.12	31	17.18	1.2
ZM-03D	10/23/07	22.83	5.70	233.4	5.07	53	17.56	NM
ZM-03D	11/01/07	22.95	7.64	240.5	5.05	29	16.89	NM
ZM-03D	11/15/07	24.51	6.22	349.9	5.05	27	16.40	0.22
ZM-03D	12/12/07	23.39	5.26	227.9	5.01	27	16.74	0.19
ZM-03D	12/20/07	23.38	7.59	439.9	5.26	28	15.84	NM
ZM-03D	02/21/08	22.02	5.77	472.7	5.04	25	15.48	0.9
ZM-03S	07/17/07	23.83	5.25	448	4.86	73	16.50	1.12
ZM-03S	07/27/07	14.40	1.94	876.1	4.85	36	18.97	NM
ZM-03S	07/31/07	23.83	2.81	633.9	4.71	32	16.93	NM
ZM-03S	08/07/07	15.28	12.49	781.5	5.28	31	19.32	NM
ZM-03S	08/16/07	NM	10.47	951.4	5.69	46	17.83	>1000
ZM-03S	08/23/07	23.91	10.19	256.3	5.52	32	18.63	NM
ZM-03S	09/05/07	23.86	10.94	629.2	5.06	30	18.35	7.64
ZM-03S	10/23/07	23.50	8.45	649	4.92	54	19.25	NM
ZM-03S	11/01/07	23.61	12.36	583.6	4.9	30	16.99	NM
ZM-03S	11/15/07	24.39	11.08	389.4	4.84	28	16.14	0.36
ZM-03S	12/12/07	23.55	9.26	263.4	4.88	30	16.93	1.27
ZM-03S	12/20/07	23.59	11.57	451.6	5.23	32	15.95	NM
ZM-03S	02/21/08	22.26	8.38	484.4	5	31	15.66	0.85
ZM-04D	07/17/07	21.43	12.2	452	5.05	38	17.00	0.88
ZM-04D	07/27/07	20.24	1.89	215.1	4.4	26	16.94	NM
ZM-04D	07/31/07	21.79	1.65	217.1	4.79	25	17.00	NM
ZM-04D	08/07/07	20.49	7.77	258.1	5.12	29	17.43	NM
ZM-04D	08/16/07	20.69	7.76	476.2	5.17	30	17.04	0.54
ZM-04D	08/23/07	21.74	9.59	271.9	5.20	29	17.25	NM
ZM-04D	09/05/07	21.15	9.10	101.5	5.26	28	16.96	1.32
ZM-04D	10/23/07	37.88*	8.34	-43.1	6.84	49	17.50	NM
ZM-04D	11/01/07	21.85	10.96	519.3	2.69	26	16.97	NM
ZM-04D	11/15/07	21.88	9.80	340.2	5.23	23	16.25	0.44
ZM-04D	12/12/07	21.19	9.16	244.3	5.14	23	17.19	0.43
ZM-04D	12/20/07	21.21	10.65	441.1	5.30	23	16.10	NM
ZM-04D	02/21/08	19.89	7.41	467.6	5.25	21	15.77	0.02
ZM-04S	07/17/07	21.93	8.2	468	4.59	50	16.80	2.01
ZM-04S	07/27/07	22.82	1.98	257.2	4.07	38	16.87	NM
ZM-04S	07/31/07	21.93	2.46	221.8	4.55	36	16.82	NM
ZM-04S	08/07/07	21.23	7.75	281.9	4.65	39	16.89	NM
ZM-04S	08/16/07	21.61	6.56	515.9	4.95	40	16.93	0.55
ZM-04S	08/23/07	22.34	8.28	298.3	4.81	40	17.05	NM
ZM-04S	09/05/07	21.82	8.44	112.2	4.93	40	16.75	2.85
ZM-04S	10/23/07	22.36	8.4	17.6	5.03	65	17.19	NM
ZM-04S	11/01/07	21.22	11.28	244.4	4.86	40	16.96	NM
ZM-04S	11/15/07	22.22	11.01	382.5	4.88	32	16.37	0.47
ZM-04S	12/12/07	21.64	10.01	285.2	4.95	33	17.39	7.10
ZM-04S	12/20/07	21.67	13.54	438.5	5.22	29	16.20	NM
ZM-04S	02/21/08	20.36	10.81	479.1	5.1	27	15.38	2.47

Table 3
Summary of Pilot Test Field Parameters

LOCATION	SAMPLE DATE	DEPTH TO WATER	PARAMETER ⁽¹⁾					
			DISSOLVED OXYGEN	ORP	PH	SPECIFIC CONDUCTIVITY	TEMPERATURE	TURBIDITY
Ozone Performance Monitoring Wells								
BRMW-05	07/23/07	19.43	12.5	247.4	4.76	55	16.39	NM
BRMW-05	07/25/07	19.35	3.22	237	4.62	52	16.50	NM
BRMW-05	07/27/07	NM	1.62	195.3	4.4	52	16.58	NM
BRMW-05	07/31/07	18.99	1.79	249	4.09	23	16.54	NM
BRMW-05	08/07/07	19.54	5.37	266.4	4.67	55	16.85	NM
BRMW-05	08/15/07	19.68	4.15	182.8	5.03	61	16.97	0.34
BRMW-05	08/23/07	19.9	4.68	269.9	5.01	48	16.88	NM
BRMW-05	09/06/07	19.49	4.59	101.6	5.07	88	16.65	1.24
BRMW-05	10/23/07	19.69	3.59	155.7	5.22	88	17.69	NM
BRMW-05	11/02/07	19.67	4.67	171.25	5.36	92	17.91	NM
BRMW-05	11/13/07	19.58	4.17	572.9	5.01	45	17.12	0.17
BRMW-05	12/12/07	19.36	3.44	210.0	5.03	47	17.41	1.60
BRMW-05	12/20/07	19.36	4.50	421.2	5.19	46	16.91	NM
BRMW-05	02/19/08	17.68	4.46	202	5.26	42	16.72	13.1
BRMW-05A	07/23/07	19.23	0.61	288.9	4.48	25	16.67	NM
BRMW-05A	07/25/07	19.15	4.38	239.6	4.33	24	16.95	NM
BRMW-05A	07/31/07	19.17	1.64	246.1	4.15	46	16.63	NM
BRMW-05A	08/07/07	19.48	7.84	264.5	4.82	25	16.99	NM
BRMW-05A	08/15/07	19.50	6.76	157.4	5.07	28	17.20	0.36
BRMW-05A	08/23/07	19.64	6.81	257.8	5.12	26	17.15	NM
BRMW-05A	09/06/07	19.33	6.19	175.9	5.09	46	16.91	1.11
BRMW-05A	10/23/07	19.42	5.33	174.7	5.06	53	17.68	NM
BRMW-05A	11/02/07	19.44	6.75	183.6	4.95	104	17.37	NM
BRMW-05A	11/13/07	19.38	5.64	592.8	5.26	29	17.05	1.96
BRMW-05A	12/12/07	19.15	4.65	228.5	5.02	30	17.22	0.20
BRMW-05A	12/20/07	19.14	5.93	441.4	5.03	30	16.49	NM
BRMW-05A	02/19/08	17.42	5.96	245.1	4.93	26	16.37	0.29
BRMW-05B	07/23/07	19.76	1.73	186.7	5.57	46	16.72	NM
BRMW-05B	07/25/07	19.92	4.89	203	5.41	47	16.73	NM
BRMW-05B	07/27/07	NM	1.7	175.1	4.81	47	16.93	NM
BRMW-05B	07/31/07	19.74	1.6	190.6	5.28	47	17.43	NM
BRMW-05B	08/07/07	19.32	8.71	222.3	5.58	52	17.44	NM
BRMW-05B	08/15/07	20.55	7.53	183.1	6.28	54	17.20	0.83
BRMW-05B	08/23/07	19.36	7.32	220.8	5.88	49	17.48	NM
BRMW-05B	09/06/07	20.13	7.07	156.8	6.19	88	16.95	1
BRMW-05B	11/13/07	20.39	6.46	524.5	6.12	53	16.63	0.26
BRMW-05B	12/20/07	19.70	6.78	390.7	6.24	57	16.49	NM
BRMW-05B	02/19/08	18.27	7.72	174.6	6.13	51	16.26	0.36

Table 3
Summary of Pilot Test Field Parameters

LOCATION	SAMPLE DATE	DEPTH TO WATER	PARAMETER					
			DISSOLVED OXYGEN	ORP	PH	SPECIFIC CONDUCTIVITY	TEMPERATURE	TURBIDITY
Potassium Permanganate Performance Monitoring Wells								
PM-01D	07/12/07	10.00	3.23	150	5.56	32.3	16.83	0.88
PM-01D	07/26/07	9.44	5.21	295	3.38	24	16.89	NM
PM-01D	07/27/07	NM	8.4	255.9	4.49	27	17.11	NM
PM-01D	07/31/07	10.03	3	216.1	4.28	25	17.56	NM
PM-01D	08/02/07	10.11	2.63	370	3.59	25	17.25	NM
PM-01D	08/07/07	10.28	3.38	315	3.6	25	17.99	NM
PM-01D	08/09/07	10.34	9.12	207.1	5.09	32	17.84	NM
PM-01D	08/16/07	10.28	7.69	192.2	5.01	34	17.18	0.71
PM-01D	08/23/07	10.48	7.95	225.5	4.90	28	17.86	NM
PM-01D	09/05/07	10.54	7.60	237.8	5.11	27	17.31	3.14
PM-01D	10/24/07	10.72	5.70	102.5	5.24	56	17.11	NM
PM-01D	11/02/07	10.76	7.28	177.2	5.10	25	16.70	NM
PM-01D	11/13/07	10.76	6.88	256	5.20	26	16.00	0.98
PM-01D	11/30/07	NM	7.98	228.9	5.22	23	16.79	1.22
PM-01D	12/19/07	10.55	6.60	628.6	5.01	23	16.87	5.94
PM-01D	02/20/08	9.36	6.05	267.5	4.77	22	16.65	7.36
PM-01D	06/03/08	10.24	NM	628.9	4.48	22	17.16	9.95
PM-01S	07/12/07	9.93	3.18	88.8	5.13	23.6	17.79	0.97
PM-01S	07/17/07	NM	5.66	449	4.39	27	17.90	NM
PM-01S	07/26/07	10.08	3.34	284.2	3.05	19	17.74	NM
PM-01S	07/27/07	NM	4.68	253.5	4	18	17.69	NM
PM-01S	07/31/07	10.54	2.04	259.2	3.66	18	17.99	NM
PM-01S	08/02/07	10.61	2.07	380.6	3.12	17	18.03	NM
PM-01S	08/07/07	10.47	3.14	365.2	2.87	18	18.57	NM
PM-01S	08/09/07	10.24	5.01	205.9	5.61	29	18.52	NM
PM-01S	08/16/07	10.50	4.25	215.4	4.35	28	18.37	0.91
PM-01S	08/23/07	10.45	4.71	236.9	4.91	26	18.84	NM
PM-01S	09/05/07	9.51	4.22	261.5	4.41	24	18.58	2.18
PM-01S	10/24/07	10.64	2.88	146.7	4.39	39	19.06	NM
PM-01S	11/02/07	10.71	3.73	235	4.44	20	18.33	NM
PM-01S	11/13/07	10.74	3.37	122	4.59	20	18.81	42.5
PM-01S	11/30/07	NM	7.51	252.5	4.71	22	18.19	1.09
PM-01S	12/19/07	10.48	3.67	669.2	4.53	21	17.64	4.24
PM-01S	02/20/08	9.24	4.82	293.2	4.09	18	15.56	0.76
PM-01S	06/03/08	10.16	7.70	758.9	3.87	19	16.30	5.54
PM-02D	07/12/07	11.67	2.5	-82.7	5.26	33.9	17.42	1.94
PM-02D	07/26/07	7.59	3.25	276.4	3.86	25	16.94	NM
PM-02D	07/27/07	NM	3.82	249.6	4.44	30	17.23	NM
PM-02D	07/31/07	12.08	2.07	240.2	4.34	18	17.65	NM
PM-02D	08/02/07	12.04	2.18	334.4	3.94	30	17.33	NM
PM-02D	08/07/07	12.31	2.3	447.1	3.77	29	18.18	NM
PM-02D	08/09/07	12.30	8.26	254	4.59	32	18.16	NM
PM-02D	08/16/07	12.34	6.63	204	4.75	44	17.40	0.53
PM-02D	08/23/07	12.56	7.12	247.4	4.52	28	17.97	NM
PM-02D	09/05/07	12.65	6.81	279.4	4.56	40	17.46	20.4
PM-02D	10/24/07	12.47	5.88	887.1	3.98	1259	17.28	NM
PM-02D	11/02/07	12.76	7.29	892.7	4.14	274	19.40	NM
PM-02D	11/13/07	12.75	9.41	899.5	3.9	1119	17.30	NM
PM-02D	11/30/07	NM	7.89	830.3	4.30	346	17.04	1.18
PM-02D	12/19/07	12.47	8.96	909.9	3.98	758	16.70	0.79
PM-02D	02/20/08	11.19	9.55	850.6	4.17	386	16.87	1.08
PM-02D	06/03/08	12.43	22.99	909.6	3.70	402	17.38	10.3
PM-02D	06/11/08	12.65	5.96	159.2	3.88	422	17.43	9.80

Table 3
Summary of Pilot Test Field Parameters

LOCATION	SAMPLE DATE	DEPTH TO WATER	PARAMETER					
			DISSOLVED OXYGEN	ORP	PH	SPECIFIC CONDUCTIVITY	TEMPERATURE	TURBIDITY
Potassium Permanganate Performance Monitoring Wells								
PM-02S	07/12/07	12.71	1.11	-47.1	5.1	17.6	17.83	209
PM-02S	07/27/07	10.29	0.93	283.1	3.86	15	17.94	NM
PM-02S	07/31/07	12.77	1.46	264.4	3.86	16	18.72	NM
PM-02S	08/02/07	12.28	0.9	399.4	2.98	14	18.09	NM
PM-02S	08/07/07	12.32	0.99	600.1	2.84	15	18.68	NM
PM-02S	08/09/07	12.29	3.14	238.2	4.57	19	19.00	NM
PM-02S	08/16/07	12.78	1.66	212.2	4.49	22	18.51	35.7
PM-02S	08/23/07	12.78	3.59	241.4	4.54	19	19.39	NM
PM-02S	09/05/07	12.53	1.41	236.5	4.49	18	18.78	62.3
PM-02S	10/24/07	12.84	0.89	79	4.5	40	19.26	NM
PM-02S	11/02/07	12.75	1.98	695.7	4.5	24	19.77	NM
PM-02S	11/13/07	12.74	1.88	359.1	4.53	27	19.46	75.4
PM-02S	11/30/07	NM	2.41	251.4	4.69	32	18.76	9.53
PM-02S	12/19/07	12.45	4.09	263.7	4.58	33	17.93	10.7
PM-02S	02/20/08	11.00	3.56	739.6	4.53	37	16.34	22
PM-02S	06/03/08	12.33	3.17	789.5	4.26	52	16.83	4.84
PM-02S	06/11/08	12.66	2.10	120.7	4.55	60	16.98	4.49
PM-03D	07/12/07	11.67	4.17	15.8	5.36	27.4	17.83	3.46
PM-03D	07/26/07	10.71	2.41		4.23	23	17.18	NM
PM-03D	07/27/07	NM	7.21	251.8	4.54	21	17.44	NM
PM-03D	07/31/07	11.80	2.19	220.4	4.93	21	18.04	NM
PM-03D	08/02/07	11.88	1.63	360.1	3.91	22	17.77	NM
PM-03D	08/07/07	11.98	2.56	462.4	3.43	23	18.42	NM
PM-03D	08/09/07	11.98	9.31	237.9	4.69	28	18.07	NM
PM-03D	08/16/07	11.97	7.73	197.1	4.73	33	17.58	0.49
PM-03D	08/23/07	12.13	7.83	201.1	5.11	23	18.45	NM
PM-03D	09/05/07	12.20	7.55	260.6	4.66	27	17.73	1.43
PM-03D	10/24/07	12.44	5.86	113.5	4.93	45	17.38	NM
PM-03D	11/02/07	12.54	6.94	167.3	4.99	25	17.63	NM
PM-03D	11/13/07	12.55	6.53	305	4.98	23	17.41	0.73
PM-03D	11/30/07	NM	7.18	593.8	5.18	24	17.12	0.27
PM-03D	12/19/07	12.33	6.75	629.1	4.89	23	17.01	NM
PM-03D	02/21/08	11.05	6.35	405	5.04	21	16.54	2.01
PM-03D	06/03/08	11.87	9.16	557.1	4.52	22	17.71	3.72
PM-03S	07/12/07	12.00	1.43	8.5	5.15	16.2	17.93	2.88
PM-03S	07/17/07	NM	2.64	442	4.33	20	17.9	NM
PM-03S	07/26/07	NM	0.71	309.3	3.63	15	17.67	NM
PM-03S	07/27/07	12.06	1.06	286.8	3.78	14	17.95	NM
PM-03S	07/31/07	12.07	0.88	242.6	4.2	14	18.47	NM
PM-03S	08/02/07	12.06	0.6	404.6	3.11	14	18.29	NM
PM-03S	08/07/07	12.07	0.76	NM	2.51	14	19.08	NM
PM-03S	08/09/07	11.68	1.47	228.3	4.54	18	19.27	NM
PM-03S	08/16/07	12.07	1.21	208.1	4.42	20	18.67	1.8
PM-03S	08/23/07	11.84	1.30	231.2	4.71	17	19.45	NM
PM-03S	09/05/07	11.93	1.12	185.0	4.6	18	19.29	4.08
PM-03S	10/24/07	12.22	0.52	77.4	4.63	35	19.51	NM
PM-03S	11/02/07	12.30	0.94	140.1	4.67	18	19.71	NM
PM-03S	11/13/07	12.29	0.59	323.1	4.65	18	19.49	21
PM-03S	11/30/07	NM	1.20	653.1	4.91	21	19.03	1.19
PM-03S	12/19/07	12.05	0.75	633.8	4.78	21	18.55	1.61
PM-03S	02/21/08	10.78	0.92	365.8	4.73	20	15.69	12.4
PM-03S	06/03/08	11.59	2.65	606.5	4.07	17	16.75	3.71

Table 3
Summary of Pilot Test Field Parameters

LOCATION	SAMPLE DATE	DEPTH TO WATER	PARAMETER					
			DISSOLVED OXYGEN	ORP	PH	SPECIFIC CONDUCTIVITY	TEMPERATURE	TURBIDITY
Potassium Permanganate Performance Monitoring Wells								
PM-04D	07/12/07	16.26	3.6	-9.5	5.5	34.7	17.61	18
PM-04D	07/26/07	NM	1.58	246.9	4.8	26	17.92	NM
PM-04D	07/27/07	6.14	2.06	220	4.77	20	17.85	NM
PM-04D	07/31/07	16.89	3.95	238.6	4.7	19	18.43	NM
PM-04D	08/02/07	17.05	1.43	274.1	4.21	29	17.86	NM
PM-04D	08/07/07	17.28	2.06	369.1	4.27	28	18.16	NM
PM-04D	08/09/07	17.21	7.96	264.3	4.72	24	17.95	NM
PM-04D	08/16/07	17.28	6.6	185.9	4.8	38	17.50	0.7
PM-04D	08/23/07	17.52	6.81	235.1	4.82	27	17.78	NM
PM-04D	09/05/07	17.64	6.62	243.3	4.92	29	17.59	1.46
PM-04D	10/24/07	17.74	4.98	115.6	4.94	46	17.29	NM
PM-04D	11/02/07	17.82	6.77	135	4.95	23	17.15	NM
PM-04D	11/13/07	17.65	6.04	318.6	4.94	20	17.89	1.73
PM-04D	12/19/07	17.44	6.12	240.7	4.98	22	16.64	1.25
PM-04D	02/21/08	15.85	6.09	608.3	5.07	20	16.5	1.55
PM-04D	06/03/08	17.60	15.60	808.0	4.29	29	17.48	3.38
PM-04D	06/11/08	17.90	5.65	100.1	4.91	32	17.53	2.98
PM-04S	07/12/07	17.06	2.81	-44.6	5.24	24.5	18.02	8.6
PM-04S	07/26/07	15.57	1.63	237	4.45	19	18.21	NM
PM-04S	07/27/07	NM	2.11	218.4	4.67	21	18.02	NM
PM-04S	07/31/07	16.75	3.28	279.2	4.02	18	18.19	NM
PM-04S	08/02/07	16.91	0.95	328.3	3.45	18	17.83	NM
PM-04S	08/07/07	17.09	2.07	387.2	3.57	17	18.47	NM
PM-04S	08/09/07	17.11	5.15	265.1	4.59	21	18.46	NM
PM-04S	08/16/07	17.27	2.88	193.3	4.61	26	18.42	0.83
PM-04S	08/23/07	17.37	2.38	235.7	4.58	20	18.13	NM
PM-04S	09/05/07	17.60	4.04	242.6	4.59	20	18.60	2.24
PM-04S	10/24/07	17.66	1.37	76.9	4.62	38	18.89	NM
PM-04S	11/02/07	17.76	3.13	153.6	4.76	21	18.64	NM
PM-04S	11/13/07	17.66	1.37	331.2	4.64	20	19.08	4.55
PM-04S	11/30/07	NM	2.53	606.1	4.84	25	18.80	6.28
PM-04S	12/19/07	17.39	1.41	256.2	4.67	24	18.07	0.26
PM-04S	02/21/08	15.79	1.55	758.4	4.78	54	16.41	25.3
PM-04S	06/03/08	17.34	9.81	910.3	3.49	167	17.12	2.82
PM-04S	06/11/08	17.55	7.16	147.9	4.08	199	17.22	2.69
BRMW-02	07/17/07	12.18	0.99	437	4.97	16.6	21.00	2.7
BRMW-02	07/26/07	11.38	0.99	274.9	3.94	15	18.49	NM
BRMW-02	07/27/07	NM	2.45	276	4.05	16	18.99	NM
BRMW-02	07/31/07	11.77	1.09	273.9	3.91	15	18.12	NM
BRMW-02	08/02/07	11.98	0.71	392.1	2.82	14	17.45	NM
BRMW-02	08/07/07	12.30	1.68	471.2	2.86	15	18.09	NM
BRMW-02	08/09/07	12.22	5.76	264.9	4.32	18	18.40	NM
BRMW-02	08/15/07	12.19	1	121.3	4.57	15	17.91	0.54
BRMW-02	08/23/07	12.52	5.01	251.3	4.54	19	18.13	NM
BRMW-02	09/06/07	12.59	1.08	457.7	4.63	27	18.38	2.24
BRMW-02	10/24/07	12.75	0.54	680.1	4.41	33	18.37	NM
BRMW-02	11/02/07	12.79	0.75	595.5	4.35	40	18.34	NM
BRMW-02	11/13/07	12.64	1.39	328.9	4.54	16	18.59	2.17
BRMW-02	11/30/07	NM	2.2	340.1	4.48	17	17.80	1.91
BRMW-02	12/20/07	12.42	0.52	445.2	4.56	17	18.24	0.46
BRMW-02	02/20/08	10.75	0.97	195.2	4.87	16	17.25	0.72
BRMW-02	06/04/08	12.57	2.11	375.9	4.11	17	16.35	1.96

Table 3
Summary of Pilot Test Field Parameters

LOCATION	SAMPLE DATE	DEPTH TO WATER	PARAMETER					
			DISSOLVED OXYGEN	ORP	PH	SPECIFIC CONDUCTIVITY	TEMPERATURE	TURBIDITY
Potassium Permanganate Performance Monitoring Wells								
BRMW-02A	07/17/07	15.19	13.35	414	5.85	79	16.9	1.5
BRMW-02A	07/26/07	14.45	1.29	238	4.95	35	16.89	NM
BRMW-02A	07/27/07	NM	2.99	207.8	5.23	36	17.25	NM
BRMW-02A	07/31/07	15.55	3.55	232.8	4.91	35	17.37	NM
BRMW-02A	08/02/07	15.74	1.63	254.1	4.81	36	17.48	NM
BRMW-02A	08/07/07	15.84	2.44	331.2	5.09	37	18.31	NM
BRMW-02A	08/09/07	15.86	9.39	223.1	5.18	39	17.88	NM
BRMW-02A	08/15/07	15.92	7.74	210.9	5.28	71	17.76	0.51
BRMW-02A	08/23/07	16.10	7.76	212.8	5.32	42	18.53	NM
BRMW-02A	09/06/07	16.03	7.88	451.1	6.36	117	17.48	5.33
BRMW-02A	10/24/07	15.95	5.46	542.3	5.89	101	17.07	NM
BRMW-02A	11/02/07	16.14	7.25	574.2	5.78	98	17.25	NM
BRMW-02A	11/13/07	15.89	5.57	271.1	5.73	43	18.58	0.52
BRMW-02A	11/30/07	NM	5.79	288.1	5.53	41	18.29	1.02
BRMW-02A	12/20/07	15.76	7.56	395.3	6.12	68	16.58	0.17
BRMW-02A	02/20/08	14.43	6.87	221.5	6.08	65	17.02	0.24
BRMW-02A	06/04/08	16.36	8.46	440.7	5.64	58	17.21	0.96
BRMW-11	07/12/07	18.30	3.1	9.2	4.96	17.7	17.18	21.9
BRMW-11	07/26/07	17.88	0.92	307.5	3.72	16	16.96	NM
BRMW-11	07/27/07	NM	2.08	NM	4.05	15	17.74	NM
BRMW-11	07/31/07	18.11	2.2	281.3	3.32	15	18.14	NM
BRMW-11	08/02/07	18.17	1.35	326.7	3.44	15	17.71	NM
BRMW-11	08/07/07	18.36	1.71	327.9	4.22	17	18.38	NM
BRMW-11	08/09/07	18.39	7.36	291.8	4.28	19	17.90	NM
BRMW-11	08/15/07	18.47	5.97	172.4	4.31	18	18.39	30.4
BRMW-11	08/23/07	18.70	5.83	252.1	4.59	18	19.22	NM
BRMW-11	09/06/07	18.66	6.03	205.1	4.82	29	18.62	1.18
BRMW-11	12/20/07	18.79	5.35	455.1	4.76	20	18.18	NM
BRMW-11	02/20/08	17.00	5.26	323.4	4.67	18	17.6	0.53
BRMW-11	06/04/08	18.80	6.22	386.0	4.18	180	17.16	10.2

Table 3
Summary of Pilot Test Field Parameters

LOCATION	SAMPLE DATE	DEPTH TO WATER	PARAMETER					
			DISSOLVED OXYGEN	ORP	PH	SPECIFIC CONDUCTIVITY	TEMPERATURE	TURBIDITY
Pilot Study Area Downgradient Monitoring Wells								
BRMW-03	07/13/07	13.00	2.05	-148.6	5.47	48.7	17.95	85.1
BRMW-03	08/15/07	12.92	2.31	178.1	5.4	41	17.71	20
BRMW-03	09/06/07	13.06	2.15	189.7	4.78	58	18.71	NM
BRMW-03	11/16/07	12.91	0.61	181.4	5.19	48	18.71	0.41
BRMW-03A	07/13/07	14.11	4.91	20.6	6.51	59.3	17.50	1.65
BRMW-03A	08/15/07	14.02	5.25	145.1	5.74	51	17.46	0.5
BRMW-03A	09/06/07	14.10	6.79	185.6	5.88	69	18.29	NM
BRMW-03A	11/16/07	13.85	4.53	203.6	6.16	57	17.10	0.32
BRMW-03B	07/13/07	14.36	3.29	-86.3	6.73	82.3	17.35	1.77
BRMW-03B	08/15/07	14.84	2.49	110.2	6.24	77	17.23	1.18
BRMW-03B	09/06/07	14.97	2.23	192.7	6.66	159	17.78	NM
BRMW-03B	11/16/07	NM	0.88	165.9	7.53	116	16.87	0.43
BRMW-14	07/13/07	13.45	2.98	114.4	5.2	21.6	15.78	1.41
BRMW-14	08/15/07	13.74	0.95	147.2	5.15	27	16.56	3.59
BRMW-14	09/06/07	13.85	1.28	207.2	4.95	38	16.91	NM
BRMW-14	11/15/07	13.58	0.41	339.7	5.14	29	17.16	1.53
BRMW-14A	07/13/07	13.63	1.99	124.4	5.49	33.6	16.04	3.11
BRMW-14A	08/15/07	13.53	0.84	142.5	5.1	33	16.80	0.9
BRMW-14A	09/06/07	13.73	1.27	217.9	5.01	49	16.95	NM
BRMW-14A	11/15/07	13.44	0.47	354.4	5.21	35	16.48	0.39
BRMW-07	07/16/07	12.50	4.56	467	4.25	27	14.20	NM
BRMW-07	08/15/07	12.98	3.73	123.6	4.97	18	15.78	1.69
BRMW-07	09/06/07	13.18	3.67	203.2	5.61	28	15.99	NM
BRMW-07	11/16/07	12.85	1.53	263.6	4.84	18	16.73	0.84

NM - Not measured.

* System on.

Table 4
Summary of Constituents of Concern - Ozone Area

PARAMETER ⁽¹⁾	LOCATION/SAMPLE DATE											
	ZM-01D	ZM-01D	ZM-01D	ZM-01D	ZM-01D	ZM-01S	ZM-01S	ZM-01S	ZM-01S	ZM-01S	ZM-01S	
	07/17/07 BASELINE	08/16/07 3-WEEK	09/05/07 6-WEEK	11/15/07 16-WEEK	02/21/08 30-WEEK	07/17/07 BASELINE	08/16/07 3-WEEK	09/05/07 6-WEEK	11/15/07 16-WEEK	02/21/08 30-WEEK	02/21/08	
Volatile Organics												
Tetrachloroethene	0.24	0.068	0.26	0.21	0.23	0.16	0.17	0.2	0.17	0.069		
Trichloroethene	0.46	0.097	0.49	0.45	0.5	0.15	0.16	0.19	0.19	0.088		
Total VOCs	0.7	0.165	0.75	0.66	0.73	0.31	0.33	0.39	0.36	0.157		
Percent VOC Reduction						6						-16
Percent VOC Recovery						10						-65

PARAMETER ⁽¹⁾	LOCATION/SAMPLE DATE											
	ZM-02D	ZM-02D	ZM-02D	ZM-02D	ZM-02D	ZM-02S	ZM-02S	ZM-02S	ZM-02S	ZM-02S	ZM-02S	
	07/17/07 BASELINE	08/16/07 3-WEEK	09/05/07 6-WEEK	11/15/07 16-WEEK	02/21/08 30-WEEK	07/17/07 BASELINE	08/16/07 3-WEEK	09/05/07 6-WEEK	11/15/07 16-WEEK	02/21/08 30-WEEK	02/21/08	
Volatile Organics												
Tetrachloroethene	0.033	0.046	0.049	0.043	0.06	0.022	0.062	0.039	0.023	0.096		
Trichloroethene	0.047	0.064	0.068	0.065	0.089	0.011	0.094	0.058	0.047	0.16		
Total VOCs	0.08	0.11	0.117	0.108	0.149	0.033	0.156	0.097	0.07	0.256		
Percent VOC Reduction						-35						-112
Percent VOC Recovery						51.25						564

PARAMETER ⁽¹⁾	LOCATION/SAMPLE DATE											
	ZM-03D	(DU-07301) ZM-03D	ZM-03D	ZM-03D	ZM-03D	ZM-03D	ZM-03S	ZM-03S	ZM-03S	ZM-03S	ZM-03S	ZM-03S
	07/17/07 BASELINE	7/17/2007 BASELINE	08/16/07 3-WEEK	09/05/07 6-WEEK	11/15/07 16-WEEK	02/21/08 30-WEEK	07/17/07 BASELINE	08/16/07 3-WEEK	09/05/07 6-WEEK	11/15/07 16-WEEK	11/15/07 16-WEEK	02/21/08 30-WEEK
Volatile Organics												
Tetrachloroethene	0.046	0.046	0.062	0.062	0.054	0.058	0.057	0.0037	0.0019	0.0051	0.012	
Trichloroethene	0.053	0.053	0.065	0.063	0.064	0.061	0.019	0.0017	<0.001	0.0017	0.0027	
Total VOCs	0.099	0.099	0.127	0.125	0.118	0.119	0.076	0.0054	0.0019	0.0068	0.0147	
Percent VOC Reduction						-20						91
Percent VOC Recovery						1						10

PARAMETER ⁽¹⁾	LOCATION/SAMPLE DATE											
	ZM-04D	ZM-04D	ZM-04D	ZM-04D	ZM-04D	ZM-04S	ZM-04S	ZM-04S	ZM-04S	(DU-07401) ZM-04S	ZM-04S	
	07/17/07 BASELINE	08/16/07 3-WEEK	09/05/07 6-WEEK	11/15/07 16-WEEK	02/21/08 30-WEEK	07/17/07 BASELINE	08/16/07 3-WEEK	09/05/07 6-WEEK	11/15/07 16-WEEK	11/15/07 16-WEEK	02/21/08 30-WEEK	
Volatile Organics												
Tetrachloroethene	0.045	0.06	0.041	0.013	0.016	0.11	0.088	0.059	0.029	0.024	0.012	
Trichloroethene	0.051	0.069	0.047	0.016	0.017	0.075	0.052	0.034	0.026	0.02	0.011	
Total VOCs	0.096	0.129	0.088	0.029	0.033	0.185	0.14	0.093	0.055	0.044	0.023	
Percent VOC Reduction						70						70
Percent VOC Recovery						4						-17

PARAMETER ⁽¹⁾	LOCATION/SAMPLE DATE												
	BRMW-05	BRMW-05	BRMW-05	BRMW-05	BRMW-05	BRMW-05	BRMW-05A	BRMW-05A	BRMW-05A	BRMW-05A	BRMW-05A	BRMW-05A	BRMW-05A
	07/23/07 BASELINE	08/15/07 3-WEEK	09/06/07 6-WEEK	11/13/07 16-WEEK	01/23/08 ANNUAL	02/19/08 30-WEEK	07/23/07 BASELINE	08/15/07 3-WEEK	09/06/07 6-WEEK	11/13/07 16-WEEK	01/24/08 ANNUAL	02/19/08 30-WEEK	02/19/08
Volatile Organics													
Tetrachloroethene	0.24	0.22	0.22 NJ	0.29	0.23	0.19	0.31	0.24	0.27	0.27	0.27	0.27	0.22
Trichloroethene	0.4	0.37	0.39 NJ	0.5	0.46	0.44	0.67	0.52	0.57	0.57	0.64	0.52	
Total VOCs	0.64	0.59	0.61	0.79	0.69	0.63	0.98	0.76	0.84	0.84	0.91	0.74	
Percent VOC Reduction						0						7	
Percent VOC Recovery						-25						-10	

PARAMETER ⁽¹⁾	LOCATION/SAMPLE DATE						
	BRMW-05B	BRMW-05B	BRMW-05B	BRMW-05B	BRMW-05B	BRMW-05B	BRMW-05B
	07/23/07 BASELINE	08/15/07 3-WEEK	09/06/07 6-WEEK	11/13/07 16-WEEK	01/23/08 ANNUAL	02/19/08 30-WEEK	02/19/08
Volatile Organics							
Tetrachloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Total VOCs	0	0	0	0	0	0	0
Percent VOC Reduction	0						
Percent VOC Recovery	0						

⁽¹⁾ Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.
M - Sample pH was greater than 2.
N - Spiked sample recovery not within control limits.
j - Concentration considered an estimate based on data validation.
< - Concentration less than the Quantitation Limit.
Bolding indicates constituent detection.

Table 5
Summary of Constituents of Concern - Permanganate Area

PARAMETER ⁽¹⁾	LOCATION/SAMPLE DATE																				
	PM-01D 07/12/07 BASELINE	PM-01D 08/16/07 3-WEEK	PM-01D 09/05/07 6-WEEK	PM-01D 12/19/07 21-WEEK	PM-01D 02/20/08 30-WEEK	PM-01D 06/03/08 WEEK	PM-01S 07/12/07 BASELINE	PM-01S 08/16/07 3-WEEK	PM-01S 09/05/07 6-WEEK	PM-01S 12/19/07 21-WEEK	PM-01S 02/21/08 30-WEEK	(DU-08106) PM-01S 02/21/08 30-WEEK	PM-01S 06/03/08 WEEK	PM-02D 07/12/07 BASELINE	PM-02D 08/16/07 3-WEEK	PM-02D 09/05/07 6-WEEK	PM-02D 11/13/07 16-WEEK	PM-02D 12/19/07 21-WEEK	PM-02D 02/20/08 30-WEEK	PM-02D 06/11/08 WEEK	
Volatile Organics																					
Tetrachloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0037	0.0032	0.003	0.0023	0.001	0.001	0.0006 J	0.014	0.016	0.012	NA	NA	NA	0.00054 J	
Trichloroethene	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.015	0.015	0.013	0.0097	0.0043	0.0044	0.0019	0.067	0.075	0.062	NA	NA	NA	<0.001	
Total VOCs	0	0	0	0	0	0	0.0187	0.0182	0.016	0.012	0.0053	0.0054	0.0025	0.081	0.091	0.074	0	0	0	0.00054	
Percent VOC Reduction	NC														87						99.33
Metals																					
Manganese, dissolved	0.056	0.036	0.033 J	0.034	0.031	0.0249	0.43	0.46	0.44 J	0.4	J	0.39	0.4	0.43	0.12	0.086	0.08 J	11	420	130	138

PARAMETER ⁽¹⁾	LOCATION/SAMPLE DATE														
	PM-02S 07/12/07 BASELINE	PM-02S 08/16/07 3-WEEK	PM-02S 09/05/07 6-WEEK	PM-02S 11/13/07 16-WEEK	PM-02S 12/19/07 21-WEEK	PM-02S 02/20/08 30-WEEK	PM-02S 06/11/08 30-WEEK	PM-03D 07/12/07 BASELINE	PM-03D 08/16/07 3-WEEK	PM-03D 09/05/07 6-WEEK	PM-03D 12/19/07 21-WEEK	PM-03D 02/21/08 30-WEEK	(DU-07402) PM-03D 02/21/08 30-WEEK	PM-03D 06/03/08 WEEK	
Volatile Organics															
Tetrachloroethene	0.076	0.086	0.096	0.078	0.073	NA	0.0091	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0014	
Trichloroethene	0.17	0.18	0.18	0.15	0.15	NA	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.005	
Total VOCs	0.246	0.266	0.276	0.228	0.223	0	0.0091	0	0	0	0	0	0	0.0064	
Percent VOC Reduction	96														NC
Metals															
Manganese, dissolved	0.55	0.67	0.64 J	1.4	2.2	3.4	11.8	0.081	0.044	0.044 N*	0.025	0.023 J	0.021	0.029	

PARAMETER ⁽¹⁾	LOCATION/SAMPLE DATE																			
	PM-03S 07/12/07 BASELINE	PM-03S 08/16/07 3-WEEK	PM-03S 09/05/07 6-WEEK	PM-03S 12/19/07 21-WEEK	PM-03S 02/21/08 30-WEEK	PM-03S 06/03/08 WEEK	PM-04D 07/12/07 BASELINE	PM-04D 08/16/07 3-WEEK	PM-04D 09/05/07 6-WEEK	PM-04D 12/19/07 21-WEEK	PM-04D 02/21/08 30-WEEK	PM-04D 06/11/08 WEEK	PM-04S 07/12/07 BASELINE	PM-04S 08/16/07 3-WEEK	PM-04S 09/05/07 6-WEEK	PM-04S 12/19/07 21-WEEK	PM-04S 02/21/08 30-WEEK	PM-04S 06/11/08 WEEK		
Volatile Organics																				
Tetrachloroethene	0.099	0.11	0.099	0.052	0.041	0.0725	0.034	0.031	0.028	0.016	0.011	0.00074 J	0.64	0.74	0.68	0.19	NA	0.003		
Trichloroethene	0.3	0.32	0.29	0.15	0.12	0.297	0.091	0.076	0.066	0.037	0.027	<0.001	1.5	1.6	1.5	0.32	NA	<0.001		
Total VOCs	0.399	0.43	0.389	0.202	0.161	0.3695	0.125	0.107	0.094	0.053	0.038	0.00074	2.14	2.34	2.18	0.51	0	0.003		
Percent VOC Reduction	7																		99	100
Metals																				
Manganese, dissolved	0.73	0.76	0.84 J	0.9 J	0.75	0.977	0.068	0.032	0.03 J	0.028	0.042	4.63	0.21	0.24	0.24 J	0.35	23	61.1		

PARAMETER ⁽¹⁾	LOCATION/SAMPLE DATE																	
	BRMW-02 07/17/07 BASELINE	BRMW-02 08/15/07 3-WEEK	BRMW-02 09/06/07 6-WEEK	BRMW-02 11/13/07 16-WEEK	BRMW-02 12/20/07 21-WEEK	BRMW-02 01/24/08 ANNUAL	BRMW-02 02/20/08 30-WEEK	BRMW-02 06/04/08 WEEK	BRMW-02A 07/17/07 BASELINE	BRMW-02A 08/15/07 3-WEEK	BRMW-02A 09/06/07 6-WEEK	(DU-07303) BRMW-02A 09/06/07 6-WEEK	BRMW-02A 12/20/07 21-WEEK	BRMW-02A 01/24/08 ANNUAL	BRMW-02A 02/20/08 30-WEEK	BRMW-02A 06/04/08 WEEK		
Volatile Organics																		
Tetrachloroethene	0.12	0.1 J+	0.11	0.086	0.068	0.07	0.07	0.0461	<0.001	0.00049 J+	<0.001	<0.001	<0.001	0.0018	0.00046 J	<0.001		
Trichloroethene	0.22	0.2 J+	0.21	0.18	0.15	0.15	0.15	0.102	<0.001	0.00065 J+	0.00057 J	0.00053 J	0.00052 J	0.0028	0.00073 J	<0.001		
Total VOCs	0.34	0.3	0.32	0.266	0.218	0.22	0.22	0.1481	0	0.00114	0.00057	0.00053	0.00052	0.0046	0.00119	0		
Percent VOC Reduction	56																	NC
Metals																		
Manganese, dissolved	0.23	0.21	0.2	0.27	0.21	NA	0.27	0.23	0.0052 A	0.001 B	0.0013 A	0.0012 A	0.0011 B	0.0017 B	0.119			

⁽¹⁾ Analytical results are reported in milligrams per liter (mg/L) unless otherwise noted.
A - Analyte detected in method blank.
B (organic) - Present in analytical method blank.
J - Estimated concentration.
N - Spiked sample recovery not within control limits.
j - Concentration considered an estimate based on data validation.
j+ - Concentration considered an estimate biased high based on data validation.
* - Precision not within control limits.
< - Concentration less than the Quantitation Limit.
Bolding indicates constituent detection.
NC - Not Computable due to very low or non detect concentrations
NA - Not analyzed

Appendix A Boring Logs



SOIL BORING LOG

BORING NO. PM-1D

Client: Schlumberger		Drilling Start Date: 6-17-07	Drilling End Date: 6-17-07	Page 1 of 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32
Geologist/Technician: Larry Jenkins	Driller (name/company): Parratt-Wolff Nathan Sweeting		Drill Rig Type:	Borehole Diameter (in.): 8.25
Boring Coordinates: N: E:		Total Depth (ft.): 45.00	Measuring Point Elevation (ft.):	
Datum Description:		Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
		grab			1		Sandy Silt (ML) - fine grained; moderate brown (5 YR 3/4).
		grab			5		Sandy Silt (ML) - fine grained; light brown (5 YR 5/6); moist to wet; trace mica.
		grab			10		Silt (ML) - some sand; moderate yellowish brown (10 YR 5/4); wet; micaceous.
		grab			15		Sandy Silt (ML) - fine to very fine grained with trace medium grains; moderate brown (5 YR 4/4); wet; little mica.
					16		
					17		
					18		
					19		

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SOIL BORING LOG

BORING NO. PM-1D

Client: Schlumberger		Drilling Start Date: 6-17-07	Drilling End Date: 6-17-07	Page 2 of 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32
Geologist/Technician: Larry Jenkins	Driller (name/company): Parratt-Wolff Nathan Sweeting		Drill Rig Type:	Borehole Diameter (in.): 8.25
Boring Coordinates: N: E:		Total Depth (ft.): 45.00	Measuring Point Elevation (ft.):	
Datum Description:		Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION	
		grab			21		Sandy Silt (ML) - very fine grained; dark yellowish orange (10 YR 6/6); wet; trace mica.	
					22			
					23			
					24			
		grab			25			
					26			
					27			
					28			
					29			
		grab			30			
					31			
					32			
					33			
					34			
		grab			35			
					36			
					37			
					38			
					39			
								Sandy Silt (ML) - dark yellowish orange; wet.

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SOIL BORING LOG

BORING NO. PM-1D

Client: Schlumberger		Drilling Start Date: 6-17-07	Drilling End Date: 6-17-07	Page 3	of 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32	
Geologist/Technician: Larry Jenkins		Driller (name/company): Parratt-Wolff Nathan Sweeting		Drill Rig Type: Borehole Diameter (in.): 8.25	
Boring Coordinates: N: E:		Total Depth (ft.): 45.00	Measuring Point Elevation (ft.):		
Datum Description:		Datum Elevation (ft.):	Checked by:		

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy
		grab			41	Sandy Silt (ML) - dark yellowish orange; wet.
					42	
					43	Boring terminated at 45 feet
					44	
					45	
					46	
					47	
					48	
					49	
					50	
					51	
					52	
					53	
					54	
					55	
					56	
					57	
					58	
					59	

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SOIL BORING LOG

BORING NO. PM-2D

Client: Schlumberger		Drilling Start Date: 6-17-07	Drilling End Date: 6-17-07	Page 1 of 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32
Geologist/Technician: Larry Jenkins	Driller (name/company): Parratt-Wolff Nathan Sweeting		Drill Rig Type:	Borehole Diameter (in.): 8.25
Boring Coordinates: N: E:		Total Depth (ft.): 47.00	Measuring Point Elevation (ft.):	
Datum Description:		Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
0 - 1	85	SPT	8 15 14 12		1		Sandy Silt (ML) - fine grained with trace medium grains; trace fine gravel; dry to very slightly moist; moderate brown (5 YR 3/4); micaceous; little fine roots.
1 - 5					2 3 4 5		
5 - 6	100	SPT	9 10 13 16		6		Silt (ML) - trace very fine sand; moist; moderate brown (5 YR 3/4) to light brown (5 YR 5/6); trace mica.
6 - 10					7 8 9 10		
10 - 11	100	SPT	2 3 5 8		11		Sandy Silt (ML) - fine grained; moist to wet; light brown, moderate brown, and yellow; mottled.
11 - 15					12 13 14 15		
15 - 16		SPT	3 3 5 6		16		
16 - 17					17		
17 - 18					18		
18 - 19					19		

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SOIL BORING LOG

BORING NO. PM-2D

Client: Schlumberger		Drilling Start Date: 6-17-07	Drilling End Date: 6-17-07	Page 2 of 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32
Geologist/Technician: Larry Jenkins	Driller (name/company): Parratt-Wolff Nathan Sweeting	Drill Rig Type:		Borehole Diameter (in.): 8.25
Boring Coordinates: N: E:		Total Depth (ft.): 47.00	Measuring Point Elevation (ft.):	
Datum Description:		Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION	
X		SPT	2 5 15		21			Sandy Silt (ML) - fine grained; little clay; moist to wet; light brown, moderate brown, yellow, some black; mottled.
					22			
					23			
					24			
X	100	SPT	3 7 10 20		25			
					26			
					27			
					28			
					29			
X	100	SPT	2 2 10 14		30			
					31			
					32			
					33			
					34			
X	100	SPT	8 13 15 15		35			
					36			
					37			
					38			
					39			

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SOIL BORING LOG

BORING NO. PM-2D

Client: Schlumberger		Drilling Start Date: 6-17-07	Drilling End Date: 6-17-07	Page 3	of 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32	
Geologist/Technician: Larry Jenkins		Driller (name/company): Parratt-Wolff Nathan Sweeting		Borehole Diameter (in.): 8.25	
Boring Coordinates: N: E:		Total Depth (ft.): 47.00	Measuring Point Elevation (ft.):		
Datum Description:		Datum Elevation (ft.):	Checked by:		

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
X	100	SPT	9 12 16 16		41		Sandy Silt (ML) - fine grained; little clay; moist to wet; light brown, moderate brown, yellow, some black; mottled.
					42		
					43		
					44		
X	100	SPT	5 11 15 15		45		Sandy Silt (ML) - fine grained; moist; moderate yellowish brown (10 YR 5/4), white, little black; mottled.
					46		
					47		Boring terminated at 47 feet
					48		
					49		
					50		
					51		
					52		
					53		
					54		
					55		
					56		
					57		
					58		
					59		

SOIL_2 71238ALL.GPJ 9/14/07



SOIL BORING LOG

BORING NO. PM-3D

Client: Schlumberger		Drilling Start Date: 6-16-07	Drilling End Date: 6-16-07	Page 2 of 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32
Geologist/Technician: Larry Jenkins		Driller (name/company): Parratt-Wolff Nathan Sweeting		Drill Rig Type: Borehole Diameter (in.): 8.25
Boring Coordinates: N: E:		Total Depth (ft.): 47.00	Measuring Point Elevation (ft.):	
Datum Description:		Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
0-2	100	SPT	2 3 6 6		0-21		Sandy Silt (ML) - fine to very fine grained; wet; moderate brown (5 YR 4/4), black, white; mottled.
2-10	100	SPT	8 10 12 15		21-27		
10-15	100	SPT	10 15 22 24		27-35		
15-21	100	SPT	13 15 19 21		35-39		
21-22					22-23		
22-23					23-24		
23-24					24-25		
24-25					25-26		
25-26					26-27		
26-27					27-28		
35-36					36-37		Sandy Silt (ML) - fine grained with trace medium grains; moderate yellowish brown (10 YR 5/4); trace mica.

SOIL_2_71238ALL.GPJ 9/14/07



SOIL BORING LOG

BORING NO. PM-3D

Client: Schlumberger		Drilling Start Date: 6-16-07	Drilling End Date: 6-16-07	Page 3	of 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32	
Geologist/Technician: Larry Jenkins		Driller (name/company): Parratt-Wolff Nathan Sweeting		Drill Rig Type:	
Boring Coordinates: N: E:		Total Depth (ft.): 47.00	Measuring Point Elevation (ft.):	Borehole Diameter (in.): 8.25	
Datum Description:		Datum Elevation (ft.):	Checked by:		

Sample Interval	% Recovery	Sample Type	Blow Counts	PTD (ppm)	Depth (feet)	Stratigraphy
X	100	SPT	8 10 16 18		41	LITHOLOGIC DESCRIPTION
X	100	SPT	10 16 33 50/3		42 43 44 45 46 47	
Boring terminated at 47 feet						

SOIL 2 71238ALL.GPJ 9/14/07



SOIL BORING LOG

BORING NO. ZM-1D

Client: Schlumberger		Drilling Start Date: 6-14-07	Drilling End Date: 6-14-07	Page 2	of 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32	
Geologist/Technician: Larry Jenkins		Driller (name/company): Parratt-Wolff Nathan Sweeting		Drill Rig Type:	
Boring Coordinates: N: E:		Total Depth (ft.): 45.00	Measuring Point Elevation (ft.):	Borehole Diameter (in.): 8.25	
Datum Description:		Datum Elevation (ft.):	Checked by:		

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
		Grab			21		Sandy Silt (ML) - very fine grained; moist; moderate brown (5 YR 4/4); micaceous.
					22		
					23		
					24		
		Grab			25		Sandy Silt to Silty Sand (ML/SM) - very fine grained; wet; moderate yellowish brown (10 YR 5/4); micaceous.
					26		
					27		
					28		
		Grab			30		Silty Sand (SM) - very fine grained; wet; moderate yellowish brown (10 YR 5/4); micaceous; increasing mica content with depth.
					31		
					32		
					33		
		Grab			35		
					36		
					37		
					38		
					39		

SOIL_2 7123BALL.GPJ 9/14/07



SOIL BORING LOG

BORING NO. ZM-2D

Client: Schlumberger		Drilling Start Date: 6-15-07	Drilling End Date: 6-15-07	Page 1 of 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32
Geologist/Technician: Larry Jenkins	Driller (name/company): Parratt-Wolff Nathan Sweeting		Drill Rig Type:	Borehole Diameter (in.): 8.25
Boring Coordinates: N: E:		Total Depth (ft.): 47.00	Measuring Point Elevation (ft.):	
Datum Description:		Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
0-1	60	SPT	2 3 3		1		Sandy Silt (ML) - fine grained with trace medium grains, trace fine gravel; dry to very slightly moist; moderate brown (5 YR 3/4); micaeous; little fine roots.
1-2					2		
2-3					3		
3-4					4		
4-5					5		
5-6	80	SPT	6 15 25 25		6		Sandy Silt (ML) - fine grained with trace medium sand and little fine to coarse gravel; dry to very slightly moist; moderate brown (5 YR 3/4); micaeous.
6-7					7		
7-8					8		
8-9					9		
9-10					10		
10-11	70	SPT	6 7 6 6		11		Sandy Silt to Silty Sand (ML/SM) - fine grained; dry; moderate brown (5 YR 4/4); little mica.
11-12					12		
12-13					13		
13-14					14		
14-15					15		
15-16	60	SPT	7 15 20 22		16		Silty Sand (SM) - fine grained; moist; moderate brown to dark yellowish orange, some black.
16-17					17		
17-18					18		
18-19					19		

SOIL_2 71238BALL.GPJ 9/14/07



SOIL BORING LOG

BORING NO. ZM-2D

Client: Schlumberger		Drilling Start Date: 6-15-07	Drilling End Date: 6-15-07	Page of 2 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32
Geologist/Technician: Larry Jenkins	Driller (name/company): Parratt-Wolff Nathan Sweeting	Drill Rig Type:		Borehole Diameter (in.): 8.25
Boring Coordinates: N: E:		Total Depth (ft.): 47.00	Measuring Point Elevation (ft.):	
Datum Description:		Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
X	100	SPT	6 10 12 12		21 22 23 24		Silty Sand (SM) - fine to coarse grained; poorly graded; moist; moderate brown, gray, black; mottled; little mica.
X	100	SPT	2 3 4 3		25 26 27 28 29		Sandy Silt to Silty Sand (ML/SM) - fine to very fine grained; moist to wet; dark yellowish orange, moderate yellowish orange, black, and white; mottled; little mica.
X	100	SPT	3 8 11 12		30 31 32 33 34		Silty Sand (SM) - fine grained; moderate brown (5 YR 4/4) to moderate yellowish brown (10 YR 5/4) with some black.
X	100	SPT	4 4 7 8		35 36 37 38 39		Silty Sand (SM) - fine grained; wet; dark yellowish brown (10 YR 4/2) to moderate yellowish brown (10 YR 5/4) with black mottling; very micaceous.

SOIL_2_71238BALLGPI 9/14/07



SOIL BORING LOG

BORING NO. ZM-2D

Client: Schlumberger		Drilling Start Date: 6-15-07	Drilling End Date: 6-15-07	Page 3 of 3
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32
Geologist/Technician: Larry Jenkins	Driller (name/company): Parratt-Wolff Nathan Sweeting	Drill Rig Type:		Borehole Diameter (in.): 8.25
Boring Coordinates: N: E:		Total Depth (ft.): 47.00	Measuring Point Elevation (ft.):	
Datum Description:		Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
X	100	SPT	8 16 16 17		41 42 43 44		Silty Sand (SM) - fine grained; wet; dark yellowish brown (10 YR 4/2) to moderate yellowish brown (10 YR 5/4) with black mottling; very micaceous.
X	100	SPT	8 15 20 25		45 46 47		Silty Sand (SM) - fine grained; wet; dark yellowish brown (10 YR 4/2) with black mottling; very micaceous.
Boring terminated at 47 feet							
					48 49 50 51 52 53 54 55 56 57 58 59		

SOIL_2 71238ALL.GPJ 9/14/07



SOIL BORING LOG

BORING NO. ZM-3D

Client: Schlumberger	Drilling Start Date: 6-12-07	Drilling End Date: 6-13-07	Page 1 of 4
Site: Breazeale Site, Pickens, SC	Drilling Method: HSA		Project Number: 71238.32
Geologist/Technician: Larry Jenkins	Driller (name/company): Parratt-Wolff Nathan Sweeting	Drill Rig Type:	Borehole Diameter (in.): 8.25
Boring Coordinates: N: E:	Total Depth (ft.): 67.00	Measuring Point Elevation (ft.):	
Datum Description:	Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
0-30	30	SPT	3 3 3		0 1 2 3 4 5		Sandy Silt (ML) - fine grained; little clay; moist; moderate brown (5 YR 3/4); micaceous; little fine roots.
30-70	70	SPT	20 23 25 23		6 7 8 9 10		Sandy Silt to Silty Sand (ML/SM) - fine grained; some clay; dry; light brown (5 YR 5/6), white, moderate brown, little black; mottled.
70-80	80	SPT	9 10 9 10		11 12 13 14		
80-88	80	SPT	4 5 9 9		15 16 17 18 19		Silt (ML) - trace sand; slightly moist; light brown (5 YR 5/6) to dark yellowish brown (10 YR 4/2); mottled; very micaceous.

SOIL_2_71238ALL.GPJ 9/14/07



SOIL BORING LOG

BORING NO. ZM-3D

Client: Schlumberger		Drilling Start Date: 6-12-07	Drilling End Date: 6-13-07	Page 2 of 4
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32
Geologist/Technician: Larry Jenkins		Driller (name/company): Parratt-Wolff Nathan Sweeting		Drill Rig Type:
Boring Coordinates: N: E:		Total Depth (ft.): 67.00	Measuring Point Elevation (ft.):	Borehole Diameter (in.): 8.25
Datum Description:		Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
21-22	90	SPT	1 2 3 2		21 22		Sandy Silt (ML) - very fine grained with trace medium to coarse grains; wet; light brown (5 YR 5/6) to moderate yellowish brown (10 YR 5/4), some black; mottled.
25-27	100	SPT	2 3 4 7		25 26 27		Silty Sand (SM) - fine to very fine grained; moist; light brown (5 YR 5/6).
30-32	100	SPT	2 2 7 17		30 31 32		Sandy Silt (ML) - very fine grained; wet; dark yellowish orange (10 YR 6/6), little black.
35-37	100	SPT	3 7 10 11		35 36 37		Sandy Silt (ML) - very fine grained; moist; moderate yellowish brown (10 YR 5/4) with black; mottled; little mica; increasing mica content with depth.
					38 39		

SOIL_2_71238BALL.GPJ 9/14/07



SOIL BORING LOG

BORING NO. ZM-3D

Client: Schlumberger		Drilling Start Date: 6-12-07	Drilling End Date: 6-13-07	Page 3 of 4
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32
Geologist/Technician: Larry Jenkins	Driller (name/company): Parratt-Wolff Nathan Sweeting		Drill Rig Type:	Borehole Diameter (in.): 8.25
Boring Coordinates: N: E:		Total Depth (ft.): 67.00	Measuring Point Elevation (ft.):	
Datum Description:		Datum Elevation (ft.):	Checked by:	

Sample Interval	% Recovery	Sample Type	Blow Counts	PID (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
X	100	SPT	5 9 11 13		41 42 43 44		Sandy Silt (ML) - very fine grained; moist; moderate yellowish brown (10 YR 5/4) with black; mottled; little mica; increasing mica content with depth.
X	100	SPT	6 10 14 20		45 46 47 48 49		Sandy Silt (ML) - very fine grained; wet; moderate reddish brown (10YR 4/6) to moderate yellowish brown (10 YR 5/4), black, white; mottled.
X	100	SPT	6 10 15 25		50 51 52 53 54		Sandy Silt (ML) - very fine grained; wet; moderate reddish brown (10YR 4/6) to moderate yellowish brown (10 YR 5/4), black, white; mottled; little mica.
X	100	SPT	6 11 21 25		55 56 57 58 59		

SOIL_2 71238ALL.GPJ 9/14/07



SOIL BORING LOG

BORING NO. ZM-3D

Client: Schlumberger		Drilling Start Date: 6-12-07	Drilling End Date: 6-13-07	Page 4	of 4
Site: Breazeale Site, Pickens, SC		Drilling Method: HSA		Project Number: 71238.32	
Geologist/Technician: Larry Jenkins		Driller (name/company): Parratt-Wolff Nathan Sweeting		Drill Rig Type:	
				Borehole Diameter (in.): 8.25	
Boring Coordinates: N: E:		Total Depth (ft.): 67.00	Measuring Point Elevation (ft.):		
Datum Description:		Datum Elevation (ft.):	Checked by:		

Sample Interval	% Recovery	Sample Type	Blow Counts	PI/D (ppm)	Depth (feet)	Stratigraphy	LITHOLOGIC DESCRIPTION
X	100	SPT	3 6 13 17		61		Silty Sand (SM) - fine to very fine grained; moist; moderate yellowish brown (10 YR 5/4), white, little black; mottled; micaceous.
					62		
					63		
					64		
X	100	SPT	13 18 34 50/4		65		Silty Sand (SM) - very fine grained; very slightly moist; pale yellowish brown (10 YR 6/2); micaceous.
					66		
					67		Boring terminated at 67 feet
					68		
					69		
					70		
					71		
					72		
					73		
					74		
					75		
					76		
					77		
					78		
					79		

SOIL_2 71238ALL.GPJ 9/14/07

Appendix B

Analytical Reports



Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

Project Name: SANGAMO - BREAZEALE SITE
Project Number: 71238.32

File

RMT - GREENVILLE
ATTN: MARK BAILEY
30 Patewood Drive
Suite 100
GREENVILLE SC 29615-3535

Attached are the following for Batch Number: 886029

- Organic
- Inorganic
- QC Data
- Diskette

Ship By: First Class Mail FedEx
 Priority Mail Other: _____

Comments:

QC
- HI, temp, COC, del, methods, CRC, pres ✓
- Level 2 QC ✓
- TBC ✓
- no flags ✓

If you have any questions please call your Client Manager: **Tod Noltemeyer**

08/07/07

MSMSD = PM-3D, PM-45 ✓



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 886029

Client: RMT - GREENVILLE

Lab Contact: Tod Noltemeyer

Project Name: SANGAMO - BREAZEALE SITE

Project Number: 71238.32

Lab Sample Number	Field ID	Matrix	Collection Date
886029-001	PM-1S	WATER	07/12/07 09:45
886029-002	PM-1D	WATER	07/12/07 09:05
886029-003	PM-2S	WATER	07/12/07 11:10
886029-004	PM-2D	WATER	07/12/07 10:25
886029-005	PM-3D	WATER	07/12/07 12:15
886029-006	PM-3S	WATER	07/12/07 12:40
886029-007	PM-4D	WATER	07/12/07 13:20
886029-008	PM-4S	WATER	07/12/07 13:30
886029-009	MW-11	WATER	07/12/07 14:15
886029-010	TBLK-07301	WATER	

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



[Handwritten Signature]
Approval Signature

8/1/07
Date

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886029

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-1S

Matrix Type : WATER
Collection Date : 07/12/07
Report Date : 08/07/07
Lab Sample Number : 886029-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	950	200	1	ug/L		07/17/07 10:06 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB		
Iron	62	B 100	1	ug/L		07/17/07 10:06 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB		
Manganese	430	5.0	1	ug/L		07/17/07 10:06 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB		
Nitrogen, Nitrate	0.65	0.40	1	mg/L		07/13/07 08:18 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Prep Date/Time: 07/17/07 11:51 AM Anl By: SMT								
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L	&	07/17/07 11:51 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	3.7	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Trichloroethene	15	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/17/07 11:51 AM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-1D

Matrix Type : WATER
Collection Date : 07/12/07
Report Date : 08/07/07
Lab Sample Number : 886029-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1100	200	1	ug/L		07/17/07 10:11 PM	SW846 3010A	SW846 6010B
						Prep Date/Time:	07/17/07 08:30 AM	Anl By: DLB
Iron	< 100	100	1	ug/L		07/17/07 10:11 PM	SW846 3010A	SW846 6010B
						Prep Date/Time:	07/17/07 08:30 AM	Anl By: DLB
Manganese	56	5.0	1	ug/L		07/17/07 10:11 PM	SW846 3010A	SW846 6010B
						Prep Date/Time:	07/17/07 08:30 AM	Anl By: DLB
Nitrogen, Nitrate	0.64	0.40	1	mg/L		07/13/07 08:32 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time:	07/17/07 12:15 PM	Anl By: SMT
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L	&	07/17/07 12:15 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L	*	07/17/07 12:15 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/17/07 12:15 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-2S

Matrix Type : WATER
Collection Date : 07/12/07
Report Date : 08/07/07
Lab Sample Number : 886029-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	340	200	1	ug/L		07/17/07 10:16 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM	Anl By: DLB	
Iron	6400	100	1	ug/L		07/17/07 10:16 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM	Anl By: DLB	
Manganese	550	5.0	1	ug/L		07/17/07 10:16 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM	Anl By: DLB	
Nitrogen, Nitrate	0.16	B 0.40	1	mg/L		07/13/07 08:46 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 07/17/07 12:38 PM	Anl By: SMT	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L	&	07/17/07 12:38 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L	*	07/17/07 12:38 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	76	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Trichloroethene	170	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/17/07 12:38 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886029

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-2D

Matrix Type : WATER
Collection Date : 07/12/07
Report Date : 08/07/07
Lab Sample Number : 886029-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	420	200	1	ug/L		07/17/07 10:34 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM		Anl By: DLB
Iron	59	B 100	1	ug/L		07/17/07 10:34 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM		Anl By: DLB
Manganese	120	5.0	1	ug/L		07/17/07 10:34 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM		Anl By: DLB
Nitrogen, Nitrate	0.47	0.40	1	mg/L		07/13/07 09:00 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 07/17/07 1:02 PM		Anl By: SMT
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L	&	07/17/07 1:02 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	*	07/17/07 1:02 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	14	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Trichloroethene	67	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/17/07 1:02 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886029

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-3D

Matrix Type : WATER
Collection Date : 07/12/07
Report Date : 08/07/07
Lab Sample Number : 886029-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	410	200	1	ug/L		07/17/07 10:39 PM	SW846 3010A	SW846 6010B
Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB								
Iron	< 100	100	1	ug/L		07/17/07 10:39 PM	SW846 3010A	SW846 6010B
Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB								
Manganese	81	5.0	1	ug/L		07/17/07 10:39 PM	SW846 3010A	SW846 6010B
Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB								
Nitrogen, Nitrate	0.62	0.40	1	mg/L		07/13/07 09:15 PM	EPA 300.0	EPA 300.0
Prep Date/Time: Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Prep Date/Time: 07/17/07 11:28 AM Anl By: SMT								
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L	&	07/17/07 11:28 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L	*	07/17/07 11:28 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/17/07 11:28 AM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886029

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-3S

Matrix Type : WATER
Collection Date : 07/12/07
Report Date : 08/07/07
Lab Sample Number : 886029-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	200	200	1	ug/L		07/17/07 10:45 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM		Anl By: DLB
Iron	89	B 100	1	ug/L		07/17/07 10:45 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM		Anl By: DLB
Manganese	730	5.0	1	ug/L		07/17/07 10:45 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM		Anl By: DLB
Nitrogen, Nitrate	0.23	B 0.40	1	mg/L		07/13/07 09:29 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L	&	07/17/07 1:25 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	99	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Trichloroethene	300	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/17/07 1:25 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-4D

Matrix Type : WATER
Collection Date : 07/12/07
Report Date : 08/07/07
Lab Sample Number : 886029-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	950	200	1	ug/L		07/17/07 10:50 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM		Anl By: DLB
Iron	< 100	100	1	ug/L		07/17/07 10:50 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM		Anl By: DLB
Manganese	68	5.0	1	ug/L		07/17/07 10:50 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM		Anl By: DLB
Nitrogen, Nitrate	0.55	0.40	1	mg/L		07/13/07 10:11 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L	&	07/17/07 1:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L	*	07/17/07 1:49 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	34	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Trichloroethene	91	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/17/07 1:49 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-4S

Matrix Type : WATER
Collection Date : 07/12/07
Report Date : 08/07/07
Lab Sample Number : 886029-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	940	200	1	ug/L		07/17/07 10:55 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB		
Iron	610	100	1	ug/L		07/17/07 10:55 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB		
Manganese	210	5.0	1	ug/L		07/17/07 10:55 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB		
Nitrogen, Nitrate	0.23	B 0.40	1	mg/L		07/13/07 10:25 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 20	20	10	ug/L	&	07/18/07 10:35 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
2-Butanone	< 50	50	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 50	50	10	ug/L	*	07/18/07 10:35 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 50	50	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Acetone	< 50	50	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Benzene	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Bromoform	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Bromomethane	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Chloroethane	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Chloroform	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Chloromethane	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Styrene	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	640	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Toluene	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Trichloroethene	1500	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 10	10	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 30	30	10	ug/L		07/18/07 10:35 AM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE SITE
Project Number : 71238.32
Field ID : MW-11

Matrix Type : WATER
Collection Date : 07/12/07
Report Date : 08/07/07
Lab Sample Number : 886029-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	190	B 200	1	ug/L		07/17/07 11:00 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB		
Iron	2500	100	1	ug/L		07/17/07 11:00 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB		
Manganese	340	5.0	1	ug/L		07/17/07 11:00 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/17/07 08:30 AM Anl By: DLB		
Nitrogen, Nitrate	0.37	B 0.40	1	mg/L		07/13/07 11:08 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 50	50	25	ug/L	&	07/18/07 10:59 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
2-Butanone	< 120	120	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 120	120	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 120	120	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Acetone	< 120	120	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Benzene	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Bromoform	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Chloroform	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Styrene	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	1300	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Toluene	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Trichloroethene	3200	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 75	75	25	ug/L		07/18/07 10:59 AM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886029

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Matrix Type : WATER

Project Name : SANGAMO - BREAZEALE SITE

Collection Date :

Project Number : 71238.32

Report Date : 08/07/07

Field ID : TBLK-07301

Lab Sample Number : 886029-010

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 07/17/07 10:17 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L	&	07/17/07 10:17 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
2-Butanone	16	5.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Acetone	6.7	5.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Methylene Chloride	0.49	J 1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Toluene	1.3	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/17/07 10:17 AM	SW846 5030B	SW846 8260B

Qualifier Codes

Flag Applies To Explanation

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	886029-001	886029-002	886029-003	886029-004	886029-005	886029-006	886029-007	886029-008	886029-009	886029-010
CALCIUM	B	B	B	B	B	B	B	B	B	B
IRON	B	B	B	B	B	B	B	B	B	B
MANGANESE	B	B	B	B	B	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B	B	B	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G	G	G	G

Code	SC Certification
B	83006001
G	83006001

Batch: 886029
Lab Section: METALS
QC Batch Number: 22925
Prep Method: SW846 3010A
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2179-94	MBWMTG2179-94
LCS	LCSWMTG2179-94	LCSWMTG2179-94
MS	886101-001MS	886101-001MS
MSD	886101-001MSD	886101-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PM-1S	886029-001	MB	PM-1D	886029-002	MB
PM-2S	886029-003	MB	PM-2D	886029-004	MB
PM-3D	886029-005	MB	PM-3S	886029-006	MB
PM-4D	886029-007	MB	PM-4S	886029-008	MB
MWV-11	886029-009	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%														
Calcium	<	100	5000.00	4709.9	94.2	---	---	---	---	80	120	20	886101-001	33906.1	5000.00	38341.2	88.7	+	5000.00	37982.9	81.5	+	0.9	75	125	20	
Iron	<	50	5000.00	4765.9	95.3	---	---	---	---	80	120	20	886101-001	15931.0	5000.00	20717.1	95.7		5000.00	20107.1	83.5		3.0	75	125	20	
Manganese	<	0.46	500.0	465.6	93.1	---	---	---	---	80	120	20	886101-001	336.4	500.0	794.8	91.7		500.0	780.9	88.9		1.8	75	125	20	

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

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Report Date: 8/7/2007

QC Batch Number: 22925

Batch: 886029
Lab Section: VOA
QC Batch Number: 22886
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2265-07MB	vog2265-07MB
LCS	vog2265-07LCS	vog2265-07LCS
LCSD	vog2265-07LCSD	vog2265-07LCSD
MS	PM-3DMS	886029-005MS
MSD	PM-3DMSD	886029-005MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PM-1S	886029-001	MB	PM-1D	886029-002	MB
PM-2S	886029-003	MB	PM-2D	886029-004	MB
PM-3D	886029-005	MB	PM-3S	886029-008	MB
PM-4D	886029-007	MB	PM-4S	886029-008	MB
MW-11	886029-009	MB	TBLK-07301	886029-010	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/ RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits			
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD	
											%	%	%								Conc	%	C		Conc	%	C	%
1,1,1-Trichloroethane	< 0.9	50.0	54	108		50.0	55.6	111	2.9	75	128	20	886029-005	< 0.9	50.0	52.5	105		50.0	51.2	102		2.4		70	130	30	
1,1,2,2-Tetrachloroethane	< 0.2	50.0	54.7	109		50.0	48.3	97	12.4	67	125	20	886029-005	< 0.2	50.0	47.6	95		50.0	51.8	104		8.5		70	130	30	
1,1,2-Trichloroethane	< 0.42	50.0	52.4	105		50.0	48.2	96	8.3	75	125	20	886029-005	< 0.42	50.0	47.4	95		50.0	48.9	98		3.1		70	130	30	
1,1-Dichloroethane	< 0.75	50.0	52.8	106		50.0	55.9	112	5.7	71	130	20	886029-005	< 0.75	50.0	53	106		50.0	50.7	101		4.5		70	130	30	
1,1-Dichloroethane	< 0.57	50.0	48.3	97		50.0	52.1	104	7.4	75	125	20	886029-005	< 0.57	50.0	48	96		50.0	46	92		4.3		70	135	30	
1,2-Dichloroethane	< 0.36	50.0	54	108		50.0	52.6	105	2.6	71	132	20	886029-005	< 0.36	50.0	51.1	102		50.0	50.6	101		1.0		70	130	30	
1,2-Dichloroethane, Total	< 1.4	100.0	128.1	128	&	100.0	130.8	131	&	2.1	75	125	20	886029-005	< 1.4	100.0	125.2	125		100.0	121.9	122		2.7		70	130	30
1,2-Dichloropropane	< 0.46	50.0	53.9	108		50.0	55.1	110	2.3	73	125	20	886029-005	< 0.46	50.0	53	106		50.0	52.6	105		0.9		70	130	30	
2-Butanone	< 4.3	50.0	52.9	106		50.0	48.1	96	9.3	59	130	20	886029-005	< 4.3	50.0	46.2	92		50.0	45.7	91		1.1		51	130	30	
2-Hexanone	< 1.1	50.0	49.6	99		50.0	40.2	80	20.8	51	125	20	886029-005	< 1.1	50.0	38.6	77		50.0	40.7	81		5.4		53	130	30	
4-Methyl-2-pentanone	< 1.2	50.0	54	108		50.0	44	88	20.4	59	125	20	886029-005	< 1.2	50.0	43.9	88		50.0	46.9	94		6.5		62	130	30	
Acetone	< 2.3	50.0	46	92		50.0	43	86	6.6	31	150	20	886029-005	< 2.2	50.0	41.7	83		50.0	44	88		5.2		42	132	30	
Benzene	< 0.41	50.0	55.5	111		50.0	55.7	111	0.4	75	125	20	886029-005	< 0.41	50.0	53.3	107		50.0	53	106		0.6		70	130	30	
Bromodichloromethane	< 0.56	50.0	54.8	110		50.0	54.9	110	0.1	75	125	20	886029-005	< 0.56	50.0	52.7	105		50.0	52.8	106		0.2		70	130	30	
Bromoform	< 0.94	50.0	44.7	89		50.0	41.5	83	7.6	75	125	20	886029-005	< 0.94	50.0	39.9	80		50.0	42.5	85		6.3		70	130	30	
Bromomethane	< 0.91	50.0	39.2	78		50.0	43.7	87	10.9	66	125	20	886029-005	< 0.91	50.0	39.2	78		50.0	39.5	79		0.7		63	147	30	
Carbon Disulfide	< 0.66	50.0	49.2	98		50.0	52.6	105	6.7	71	128	20	886029-005	< 0.66	50.0	48.2	96		50.0	46.6	93		3.4		56	142	30	
Carbon Tetrachloride	< 0.49	50.0	55.6	111		50.0	57.5	115	3.3	75	125	20	886029-005	< 0.49	50.0	53.9	108		50.0	53.5	107		0.7		70	131	30	
Chlorobenzene	< 0.41	50.0	50.8	102		50.0	51.6	103	1.7	75	125	20	886029-005	< 0.41	50.0	50.3	101		50.0	50.5	101		0.4		70	130	30	
Chlorodibromomethane	< 0.81	50.0	49.6	99		50.0	47.4	95	4.7	75	125	20	886029-005	< 0.81	50.0	46	92		50.0	47.9	96		4.0		70	130	30	
Chloroethane	< 0.97	50.0	48.9	98		50.0	53.5	107	8.9	72	126	20	886029-005	< 0.97	50.0	48.5	97		50.0	46.9	94		3.2		67	138	30	

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C = QC Code, see Qualifier Sheet

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Report Date: 8/7/2007

QC Batch Number: 22886

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/ LCS RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/ MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
			%	%	%		%	%	%		%	%	%				%	%	%		%	%	%		%	%	%
Chloroform	<	0.37	50.0	54	108	50.0	56.7	113	4.7	75	125	20	886029-005	<	0.37	50.0	53.9	108	50.0	53.4	107	0.9	70	130	30		
Chloromethane	<	0.24	50.0	51.9	104	50.0	58.8	118	12.3	46	143	20	886029-005	<	0.24	50.0	49.8	100	50.0	47.6	95	4.5	43	150	30		
cis-1,3-Dichloropropene	<	0.19	50.0	53.9	108	50.0	52.2	104	3.1	75	125	20	886029-005	<	0.19	50.0	49.6	99	50.0	49.9	100	0.8	70	130	30		
Ethylbenzene	<	0.54	50.0	53.7	107	50.0	55.8	112	3.7	75	125	20	886029-005	<	0.54	50.0	52.9	106	50.0	52.5	105	0.8	70	136	30		
Methylene Chloride	<	0.43	50.0	48	96	50.0	48.3	97	0.5	75	125	20	886029-005	<	0.43	50.0	46	92	50.0	45	90	2.1	70	130	30		
Styrene	<	0.86	50.0	54.5	109	50.0	57.1	114	4.7	75	125	20	886029-005	<	0.86	50.0	54.2	108	50.0	52.2	104	3.7	70	130	30		
Tetrachloroethene	<	0.45	50.0	50.5	101	50.0	50.5	101	0.0	75	130	20	886029-005	<	0.45	50.0	47.9	96	50.0	49.8	100	4.0	70	130	30		
Toluene	<	0.67	50.0	52.6	105	50.0	52.5	105	0.1	75	125	20	886029-005	<	0.67	50.0	50.7	101	50.0	51.8	104	2.1	70	130	30		
trans-1,3-Dichloropropene	<	0.19	50.0	49.5	99	50.0	47.3	95	4.5	75	125	20	886029-005	<	0.19	50.0	46.3	93	50.0	47.8	96	3.2	70	130	30		
Trichloroethene	<	0.48	50.0	54.4	109	50.0	55.5	111	2.0	75	125	20	886029-005	<	0.48	50.0	53.4	107	50.0	52.5	105	1.7	70	130	30		
Vinyl Chloride	<	0.18	50.0	53.6	107	50.0	54.4	109	1.5	65	130	20	886029-005	<	0.18	50.0	48.6	97	50.0	48.7	97	0.1	62	138	30		
Xylene, Total	<	2.6	150.0	159.2	106	150.0	166	111	4.2	75	125	20	886029-005	<	2.6	150.0	158.2	105	150.0	152.3	102	3.8	70	130	30		
4-Bromofluorobenzene		96%	---	---	100	---	---	103	---	64	132	---	886029-005		94%	---	---	101	---	---	99	---	64	132	---		
Toluene-d8		98%	---	---	98	---	---	97	---	73	127	---	886029-005		96%	---	---	98	---	---	99	---	73	127	---		
Dibromofluoromethane		100%	---	---	99	---	---	102	---	68	122	---	886029-005		100%	---	---	103	---	---	97	---	68	122	---		

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Report Date: 8/7/2007

QC Batch Number: 22886

Batch: 886029
Lab Section: WETCHEM
QC Batch Number: 22880
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2232-064MB	WCG2232-064MB
LCS	WCG2232-064MBLCS	WCG2232-064MBLCS
MS	886037-001MS	886037-001MS
MS	PM-4SMS	886029-008MS
MSD	886037-001MSD	886037-001MSD
MSD	PM-4SMSD	886029-008MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PM-1S	886029-001	MB	PM-1D	886029-002	MB
PM-2S	886029-003	MB	PM-2D	886029-004	MB
PM-3D	886029-005	MB	PM-3S	886029-006	MB
PM-4D	886029-007	MB	PM-4S	886029-008	MB
MW-11	886029-009	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
Nitrogen, Nitrate	< 0.085	1.6	1.6	98.8		--	--	--	--	90	110	20	886029-008	0.23	1.6	1.7	93.8		1.6	1.8	95.0		1.1	90	110	20	
Nitrogen, Nitrate	< 0.085	1.6	1.6	98.8		--	--	--	--	90	110	20	886037-001	2.1	1.6	3.5	92.5		1.6	3.6	94.4		0.8	90	110	20	

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

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Report Date: 8/7/2007

QC Batch Number: 22880



Sample Condition Upon Receipt

Client Name: RMT

Project # 886029

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: 8478 7513 8100



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 2.0°C Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 7/13/07 KJL
VAG 7/13/07

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>NITRATES</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>KJL</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16. <u>1 OF 2 40 ML AG HAS SEAL 713 XL</u>
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: KJL for TW

Date: 8/7/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

886029

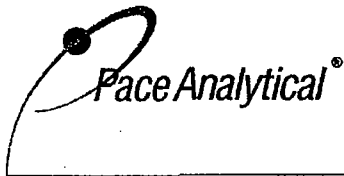
Work Order for ... Sangamo, Breazeale Site -Baseline Sampling

Project: Sangamo - Breazeale Site RMT Project Manager: Mike Parker Pace Analytical Services, Inc.
 Project Number: 71238.32 task 3 RMT Project Contact: Britney Barnes 1241 Bellevue Street Suite 9
 Sample Date: Week of July 9, 2007 RMT Alternate Contacts: Beth Kaupa Greenbay, WI 54302
 Type of Turnaround: Standard WO Prepared By/Date: BHK 6/15/07 Ph: 920-469-2436 Fax: 920-469-8827
 QC Package: Level 2 Contact: Tod Noltemeyer
 RMT-Format EDD 608-232-3300 x302

Must meet the Federal MCLs.

STATION	Metals: Cu, Fe, Mn Method: 6010/6020	VOCs: TCLP Method: 8260B	Nitrate: Method: 800.0	field pH, Temp, Specific Cond., Turbidity, DO	Notes
PM-1S	X	X	X	X	Collect water levels on all wells and recovery wells
PM-1D	X	X	X	X	
PM-2S	X	X	X	X	Field Technicians - ship daily, 48 hr Nitrate hold time.
PM-2D	X	X	X	X	
PM-3S	X	X	X	X	
PM-3D	X	X	X	X	
PM-4S	X	X	X	X	
PM-4D	X	X	X	X	
MW-2	X	X	X	X	
MW-2A	X	X	X	X	
MW-3				X	
MW-3A				X	
MW-3B				X	
MW-7				X	
MW-11	X	X	X	X	
MW-14				X	
MW-14A				X	
ZM-1S	X	X	X	X	
ZM-1D	X	X	X	X	
ZM-2S	X	X	X	X	
ZM-2D	X	X	X	X	
ZM-3S	X	X	X	X	
ZM-3D	X	X	X	X	
ZM-4S	X	X	X	X	
ZM-4D	X	X	X	X	
DU-07301	X	X	X		
TBLK-07301		X			
TBLK-07302		X			
TBLK-07303		X			
TBLK-07304		X			

Metals: one 500 mL wide-mouth plastic; HNO3, ice; HT - 180 days; methods 6010B/6020/Series 7000.
 VOC: three 40 mL septum vials; HCl preservative; ice; HT - 14 days; method SW-846 8260B



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 886186

Client: RMT - GREENVILLE

Lab Contact: Tod Noltemeyer

Project Name: SANGAMO BREAZEALE SITE

Project Number: 71238.32

Lab Sample Number	Field ID	Matrix	Collection Date
886186-001	NIS 17	SOIL	07/13/07 08:30

QC

- Coc, Pres, del, method, CIL, temp -
- Level 2 QC -

Due to hold time ex. evidence, all UOCs should be flagged "U" as estimated non detect.

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



Marge Allen-Trunkner for Tod N.
Approval Signature

7-27-07
Date

Client : RMT - GREENVILLE

Matrix Type : SOIL

Project Name : SANGAMO BREAZEAL SITE

Collection Date : 07/13/07

Project Number : 71238.32

Report Date : 07/20/07

Field ID : NIS 17

Lab Sample Number : 886186-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Percent Solids	75.9	--	1	%		07/19/07	SM M2540G	SM M2540G
						Prep Date/Time:	Anl By: K.JL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Prep Date/Time: 07/19/07 9:15 AM Anl By: TLT								
1,1,1-Trichloroethane	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
1,1,2-Trichloroethane	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
1,1-Dichloroethane	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
1,1-Dichloroethene	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
1,2-Dichloroethane	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
1,2-Dichloroethene, Total	< 13	13	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
1,2-Dichloropropane	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
2-Butanone	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
2-Hexanone	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
4-Methyl-2-pentanone	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Acetone	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Benzene	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Bromodichloromethane	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Bromoform	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Bromomethane	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Carbon Disulfide	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Carbon Tetrachloride	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Chlorobenzene	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Chlorodibromomethane	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Chloroethane	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Chloroform	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Chloromethane	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
cis-1,3-Dichloropropene	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Ethylbenzene	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Methylene Chloride	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Styrene	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Tetrachloroethene	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Toluene	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
trans-1,3-Dichloropropene	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Trichloroethene	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Vinyl Chloride	< 6.3	6.3	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B
Xylene, Total	< 19	19	1	ug/Kg	X	07/19/07 2:50 PM	5035/5030B	SW846 8260B

PCB

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Prep Date/Time: 07/19/07 10:58 AM Anl By: CAH								
Aroclor 1016	< 130	130	1	ug/Kg		07/19/07 6:12 PM	SW846 3541	SW846 8082
Aroclor 1221	< 130	130	1	ug/Kg		07/19/07 6:12 PM	SW846 3541	SW846 8082
Aroclor 1232	< 130	130	1	ug/Kg		07/19/07 6:12 PM	SW846 3541	SW846 8082
Aroclor 1242	< 130	130	1	ug/Kg		07/19/07 6:12 PM	SW846 3541	SW846 8082
Aroclor 1248	74	J 130	1	ug/Kg		07/19/07 6:12 PM	SW846 3541	SW846 8082
Aroclor 1254	170	130	1	ug/Kg		07/19/07 6:12 PM	SW846 3541	SW846 8082
Aroclor 1260	< 130	130	1	ug/Kg		07/19/07 6:12 PM	SW846 3541	SW846 8082

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886186

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : NIS 17

Matrix Type : SOIL
Collection Date : 07/13/07
Report Date : 07/20/07
Lab Sample Number : 886186-001

PCB					Prep Date/Time: 07/19/07 10:58 AM Anl By: CAH			
Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Total PCBs	240	130	1	ug/Kg		07/19/07 6:12 PM	SW846 3541	SW846 8082

**Pace Analytical
Services, Inc.**

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
886186-001	TCLV34-S	NIS 17	X - Sample was not received frozen and analyzed after the 48 hour hold time.
886186-001	TCLV34-S	NIS 17	Inadequate sample volume received to perform the method required MS/MSD.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
J	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

886186-001

Test Group Name

PCB	B
PERCENT SOLIDS	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G

Code	SC Certification
B	Not Certified
B	83006001
G	83006001

QC Summary

Batch: 886186
Lab Section: PCB
QC Batch Number: 22999
Prep Method: SW846 3541
Analytical Method: SW846 8082

QC Type	Client Sample ID	Lab Sample ID
MB	SVG2236-026PCBMB	SVG2236-026PCBMB
LCS	SVG2236-026PCBLCS	SVG2236-026PCBLCS
MS	NIS 17MS	886186-001MS
MSD	NIS 17MSD	886186-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
NIS 17	886186-001	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits										
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD								
											%	%	%																						
Aroclor 1016	< 13	0	--	--		--	--	--		--	--	--	886186-001	< 17	--	--	--		--	--	--		--	--	--		--	--		--	--		--	--	
Aroclor 1221	< 13	0	--	--		--	--	--		--	--	--	886186-001	< 17	--	--	--		--	--	--		--	--	--		--	--		--	--		--	--	
Aroclor 1232	< 13	0	--	--		--	--	--		--	--	--	886186-001	< 17	--	--	--		--	--	--		--	--	--		--	--		--	--		--	--	
Aroclor 1242	< 13	0	--	--		--	--	--		--	--	--	886186-001	< 17	--	--	--		--	--	--		--	--	--		--	--		--	--		--	--	
Aroclor 1248	< 13	0	--	--		--	--	--		--	--	--	886186-001	74.1	--	--	--		--	--	--		--	--	--		--	--		--	--		--	--	
Aroclor 1254	< 13	0	--	--		--	--	--		--	--	--	886186-001	170.0	--	--	--		--	--	--		--	--	--		--	--		--	--		--	--	
Aroclor 1260	< 13	500.0	335.5	67		--	--	--		61	115	30	886186-001	< 17	658.5	450.6	68		658.5	477.7	73		5.9				65	135	30						
Total PCBs	< 13	--	--	--		--	--	--		--	--	30	886186-001	244.2	--	--	--		--	--	--		--	--	--		--	--		--	--		--	--	
Tetrachloro-m-xylene		82%	--	--	79		--	--		50	137	--	886186-001	80%	--	--	74		--	--	78		--	--	--		50	137	--						
Decachlorobiphenyl		85%	--	--	78		--	--		56	130	--	886186-001	80%	--	--	72		--	--	77		--	--	--		56	130	--						

Conc = ug/Kg unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 7/20/2007

QC Batch Number: 22999

Batch: 886186
Lab Section: VOA
QC Batch Number: 23043
Prep Method: 5035/5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2148-48MB	vog2148-48MB
LCS	vog2148-48LCS	vog2148-48LCS
LCSD	vog2148-48LCSD	vog2148-48LCSD
MS	886194-001MS	886194-001MS
MSD	886194-001MSD	886194-001MSD

Client Sample ID	Lab Sample ID	MB ID
NIS-17	886186-001	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
			%	%	%		%	%	%		%	%	%				%	%	%		%	%	%		%	%	%
1,1,1-Trichloroethane	< 1	50.0	50	100	C	50.0	50.5	101	1.0	75	127	20	886194-001	0.00	55.5	55.4	100	55.5	53	95	4.6	50	150	50			
1,1,2,2-Tetrachloroethane	< 0.98	50.0	45	90		50.0	44.1	88	2.0	65	125	20	886194-001	0.00	55.5	44.6	80	55.5	48	87	7.4	50	150	50			
1,1,2-Trichloroethane	< 0.92	50.0	47.6	95		50.0	48	96	0.8	75	125	20	886194-001	0.00	55.5	48.9	88	55.5	48.3	87	1.3	50	150	50			
1,1-Dichloroethane	< 1.4	50.0	45.1	90		50.0	43.8	88	3.1	67	131	20	886194-001	0.00	55.5	47.1	85	55.5	46	83	2.4	50	150	50			
1,1-Dichloroethane	< 1.4	50.0	54.5	109		50.0	56.2	112	3.1	75	136	20	886194-001	0.00	55.5	62.7	113	55.5	59.5	107	5.2	40	120	50			
1,2-Dichloroethane	< 0.9	50.0	52.3	105		50.0	52	104	0.6	62	127	20	886194-001	0.00	55.5	51.8	93	55.5	51.6	93	0.5	50	150	50			
1,2-Dichloroethane, Total	< 1.8	100	88.9	89		100	88.9	89	0.0	76	126	20	886194-001	0.00	111	93.3	84	111	91.6	83	1.9	50	150	50			
1,2-Dichloropropane	< 1	50.0	44.5	89		50.0	44.2	88	0.7	73	125	20	886194-001	0.00	55.5	45.6	82	55.5	45.6	82	0.1	50	150	50			
2-Butanone	< 4.5	50.0	45	90		50.0	39.5	79	13.1	47	163	20	886194-001	0.00	55.5	44.3	80	55.5	43.7	79	1.4	50	150	50			
2-Hexanone	< 2.6	50.0	44.4	89		50.0	45	90	1.4	56	134	20	886194-001	0.00	55.5	44.9	81	55.5	48.3	87	7.2	50	150	50			
4-Methyl-2-pentanone	< 2.1	50.0	43.8	88		50.0	44.6	89	1.8	57	125	20	886194-001	0.00	55.5	44.8	81	55.5	49.4	89	9.6	50	150	50			
Acetone	< 1.6	50.0	46.3	93		50.0	51.1	102	9.7	49	179	26	886194-001	0.00	55.5	54.7	98	55.5	56.3	101	2.9	40	120	50			
Benzene	< 0.68	50.0	44.8	90		50.0	44.7	89	0.4	72	127	20	886194-001	< 0.76	55.5	52.4	94	55.5	51.1	92	2.4	50	150	50			
Bromodichloromethane	< 1.1	50.0	52.3	105		50.0	53.2	106	1.7	75	125	20	886194-001	0.00	55.5	52.2	94	55.5	53.6	97	2.7	50	150	50			
Bromoform	< 1.3	50.0	57.1	114		50.0	57.6	115	0.8	75	125	20	886194-001	0.00	55.5	56.5	102	55.5	58.7	106	3.7	50	150	50			
Bromomethane	< 2.9	50.0	47.8	96		50.0	49.3	99	3.1	61	129	20	886194-001	0.00	55.5	52.1	94	55.5	50.9	92	2.2	40	120	50			
Carbon Disulfide	< 1.7	50.0	52.6	105		50.0	53.5	107	1.7	67	136	20	886194-001	0.00	55.5	58.8	106	55.5	54.4	98	7.8	40	120	50			
Carbon Tetrachloride	< 1.1	50.0	54.2	108		50.0	53.8	108	0.8	75	139	20	886194-001	0.00	55.5	61.7	111	55.5	58.7	106	5.0	50	150	50			
Chlorobenzene	< 0.8	50.0	50.6	101		50.0	49.8	100	1.6	75	125	20	886194-001	0.00	55.5	50.9	92	55.5	50.6	91	0.5	50	150	50			
Chlorodibromomethane	< 1.2	50.0	54.4	109		50.0	54.7	109	0.5	75	125	20	886194-001	0.00	55.5	53.7	97	55.5	53.7	97	0.1	50	150	50			
Chloroethane	< 1.9	50.0	45.7	91		50.0	46.7	93	2.2	66	135	20	886194-001	0.00	55.5	51.9	93	55.5	49.1	88	5.5	40	120	50			
Chloroform	< 1.1	50.0	49.3	99		50.0	49.6	99	0.6	73	125	20	886194-001	0.00	55.5	51.3	92	55.5	48.8	88	5.0	50	150	50			

Conc = ug/Kg unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 7/20/2007

QC Batch Number: 23043

QC Summary

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Chloromethane	<	1.6	50.0	33.5	67	50.0	33.8	68	0.8	46	137	20	886194-001	0.00	55.5	35.8	65	55.5	34.2	62	4.8	40	120	50			
cis-1,3-Dichloropropene	<	1.1	50.0	43.6	87	50.0	43	86	1.5	61	125	20	886194-001	0.00	55.5	44.1	79	55.5	45.9	83	4.0	50	150	50			
Ethylbenzene	<	0.66	50.0	49	98	50.0	49.6	99	1.4	75	126	20	886194-001	< 0.74	55.5	57	103	55.5	55.3	100	3.0	50	150	50			
Methylene Chloride	<	1.4	50.0	44.8	90	50.0	44.8	90	0.1	58	130	20	886194-001	0.00	55.5	46.8	84	55.5	45.1	81	3.6	40	120	50			
Styrene	<	0.68	50.0	53.1	106	50.0	54.4	109	2.4	75	125	20	886194-001	0.00	55.5	54.6	98	55.5	52	94	4.7	50	150	50			
Tetrachloroethene	<	1.5	50.0	55.5	111	50.0	55.6	111	0.1	75	126	20	886194-001	0.00	55.5	60.1	108	55.5	59.9	108	0.3	50	150	50			
Toluene	<	1.2	50.0	48	96	50.0	47.4	95	1.2	75	125	20	886194-001	< 1.3	55.5	54.3	98	55.5	54	97	0.5	50	150	50			
trans-1,3-Dichloropropene	<	0.84	50.0	48.4	97	50.0	48.4	97	0.0	68	125	20	886194-001	0.00	55.5	47.9	86	55.5	49	88	2.2	50	150	50			
Trichloroethene	<	0.72	50.0	47.8	96	50.0	48.9	98	2.3	75	125	20	886194-001	0.00	55.5	50.8	92	55.5	51.3	92	0.9	50	150	50			
Vinyl Chloride	<	1.6	50.0	41.8	84	50.0	41.2	82	1.5	58	135	20	886194-001	0.00	55.5	47.1	85	55.5	44.8	81	5.0	40	120	50			
Xylene, Total	<	1.8	150.0	156	104	150.0	160.6	107	2.9	75	125	20	886194-001	< 2	166.5	177.4	107	166.5	171.7	103	3.3	50	150	50			
4-Bromofluorobenzene		94%	--	--	100	--	--	100	--	42	125	--	886194-001	97%	--	--	98	--	--	99	--	42	125	--			
Toluene-d8		104%	--	--	106	--	--	105	--	54	150	--	886194-001	102%	--	--	105	--	--	104	--	54	150	--			
Dibromofluoromethane		105%	--	--	103	--	--	103	--	68	125	--	886194-001	106%	--	--	103	--	--	102	--	68	125	--			

Conc = ug/Kg unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 7/20/2007

QC Batch Number: 23043



Sample Condition Upon Receipt

Client Name: RMT

Project # 880180

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 2°C Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and initials of person examining contents: 7-18-07 AB
u 7/18/07

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5. <u>see below u 7/18/07</u>
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>H₂O pres. HODAS = 48 hr hold.</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>S</u>		
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

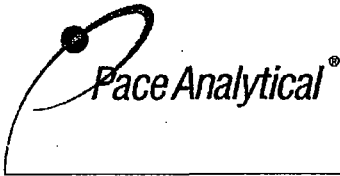
Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: MAT for Tod N

Date: 7-27-07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 886191

Client: RMT - GREENVILLE
Project Name: SANGAMO BREAZEALE SITE
Project Number: 71238.32

Lab Contact: Tod Noltemeyer

Lab Sample Number	Field ID	Matrix	Collection Date
886191-001	BRMW-2	WATER	07/17/07 08:10
886191-002	BRMW-2A	WATER	07/17/07 08:40
886191-003	ZM-1D	WATER	07/17/07 09:20
886191-004	ZM-1S	WATER	07/17/07 10:00
886191-005	ZM-2D	WATER	07/17/07 10:30
886191-006	ZM-2S	WATER	07/17/07 11:00
886191-007	ZM-3D	WATER	07/17/07 12:30
886191-008	ZM-3S	WATER	07/17/07 13:00
886191-009	ZM-4D	WATER	07/17/07 13:40
886191-010	ZM-4S	WATER	07/17/07 14:10
886191-011	DU-07301	WATER	07/17/07
886191-012	TBLK-07302	WATER	07/17/07

QC

- H₂O, temp, COC, pres, methods, dl, C_{ERL}
- Level 2 QC
- TBLK ✓

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



no flags

Marge Allen-Trenkner for Tod N.
Approval Signature

7-27-07
Date

DU07301 = ZM-3D PPD ✓

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886191

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : BRMW-2

Matrix Type : WATER
Collection Date : 07/17/07
Report Date : 07/25/07
Lab Sample Number : 886191-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	< 200	200	1	ug/L		07/21/07 11:49 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Iron	< 100	100	1	ug/L		07/21/07 11:49 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Manganese	230	5.0	1	ug/L		07/21/07 11:49 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Nitrogen, Nitrate	0.17	B 0.40	1	mg/L		07/18/07 01:35 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 5.0	5.0	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
2-Butanone	< 12	12	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 12	12	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 12	12	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Acetone	< 12	12	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Benzene	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Bromoform	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Bromomethane	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Chloroethane	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Chloroform	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Chloromethane	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Styrene	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	120	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Toluene	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Trichloroethene	220	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 2.5	2.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 7.5	7.5	2.5	ug/L		07/20/07 8:50 AM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886191

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Matrix Type : WATER

Project Name : SANGAMO BREAZEALE SITE

Collection Date : 07/17/07

Project Number : 71238.32

Report Date : 07/25/07

Field ID : BRMW-2A

Lab Sample Number : 886191-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	7400	200	1	ug/L		07/21/07 11:54 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Iron	< 100	100	1	ug/L		07/21/07 11:54 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Manganese	5.2	5.0	1	ug/L	A	07/21/07 11:54 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Nitrogen, Nitrate	0.98	0.40	1	mg/L		07/18/07 02:46 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 07/20/07 7:40 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/20/07 7:40 AM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886191

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-1D

Matrix Type : WATER
Collection Date : 07/17/07
Report Date : 07/25/07
Lab Sample Number : 886191-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1800	200	1	ug/L		07/21/07 11:59 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Iron	51	B 100	1	ug/L		07/21/07 11:59 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Manganese	230	5.0	1	ug/L		07/21/07 11:59 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Nitrogen, Nitrate	0.74	0.40	1	mg/L		07/18/07 03:00 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 07/20/07 9:14 AM		Anl By: SMT
1,1,1-Trichloroethane	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 10	10	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
2-Butanone	< 25	25	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 25	25	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 25	25	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Acetone	< 25	25	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Benzene	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Bromoform	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Bromomethane	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Chloroethane	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Chloroform	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Chloromethane	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Styrene	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	240	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Toluene	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Trichloroethene	460	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 5.0	5.0	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 15	15	5	ug/L		07/20/07 9:14 AM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886191

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-1S

Matrix Type : WATER
Collection Date : 07/17/07
Report Date : 07/25/07
Lab Sample Number : 886191-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1400	200	1	ug/L		07/21/07 12:05 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Iron	< 100	100	1	ug/L		07/21/07 12:05 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Manganese	500	5.0	1	ug/L		07/21/07 12:05 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Nitrogen, Nitrate	1.8	0.40	1	mg/L		07/18/07 03:14 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 07/19/07 2:00 PM		Anl By: SMT
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	2.7	2.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	160	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Trichloroethene	150	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/19/07 2:00 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886191

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-2D

Matrix Type : WATER
Collection Date : 07/17/07
Report Date : 07/25/07
Lab Sample Number : 886191-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1400	200	1	ug/L		07/21/07 12:10 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Iron	< 100	100	1	ug/L		07/21/07 12:10 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Manganese	72	5.0	1	ug/L		07/21/07 12:10 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Nitrogen, Nitrate	0.68	0.40	1	mg/L		07/18/07 03:28 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 07/19/07 2:47 PM		Anl By: SMT
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	33	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Trichloroethene	47	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/19/07 2:47 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886191

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : SANGAMO BREAZEALE SITE

Project Number : 71238.32

Field ID : ZM-2S

Matrix Type : WATER

Collection Date : 07/17/07

Report Date : 07/25/07

Lab Sample Number : 886191-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	4700	200	1	ug/L		07/21/07 12:15 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM	Anl By: DLB	
Iron	< 100	100	1	ug/L		07/21/07 12:15 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM	Anl By: DLB	
Manganese	870	5.0	1	ug/L		07/21/07 12:15 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM	Anl By: DLB	
Nitrogen, Nitrate	1.2	0.40	1	mg/L		07/18/07 03:42 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 07/19/07 3:11 PM	Anl By: SMT	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	22	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Trichloroethene	11	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/19/07 3:11 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-3D

Matrix Type : WATER
Collection Date : 07/17/07
Report Date : 07/25/07
Lab Sample Number : 886191-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1400	200	1	ug/L		07/21/07 12:20 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM	Anl By: DLB	
Iron	< 100	100	1	ug/L		07/21/07 12:20 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM	Anl By: DLB	
Manganese	66	5.0	1	ug/L		07/21/07 12:20 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM	Anl By: DLB	
Nitrogen, Nitrate	0.68	0.40	1	mg/L		07/18/07 03:56 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 07/19/07 3:34 PM	Anl By: SMT	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	46	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Trichloroethene	53	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/19/07 3:34 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886191

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-3S

Matrix Type : WATER
Collection Date : 07/17/07
Report Date : 07/25/07
Lab Sample Number : 886191-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	4900	200	1	ug/L		07/21/07 12:25 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Iron	< 100	100	1	ug/L		07/21/07 12:25 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Manganese	380	5.0	1	ug/L		07/21/07 12:25 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Nitrogen, Nitrate	1.4	0.40	1	mg/L		07/18/07 04:11 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	2.8	2.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	57	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Trichloroethene	19	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/19/07 3:58 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-4D

Matrix Type : WATER
Collection Date : 07/17/07
Report Date : 07/25/07
Lab Sample Number : 886191-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1900	200	1	ug/L		07/21/07 12:30 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Iron	< 100	100	1	ug/L		07/21/07 12:30 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Manganese	72	5.0	1	ug/L		07/21/07 12:30 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Nitrogen, Nitrate	0.78	0.40	1	mg/L		07/18/07 04:25 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 07/19/07 4:21 PM		Anl By: SMT
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	45	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Trichloroethene	51	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/19/07 4:21 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886191

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-4S

Matrix Type : WATER
Collection Date : 07/17/07
Report Date : 07/25/07
Lab Sample Number : 886191-010

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1100	200	1	ug/L		07/21/07 12:35 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Iron	< 100	100	1	ug/L		07/21/07 12:35 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Manganese	510	5.0	1	ug/L		07/21/07 12:35 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Nitrogen, Nitrate	1.1	0.40	1	mg/L		07/18/07 04:39 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 07/20/07 8:27 AM		Anl By: SMT
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	3.6	2.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L	*M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	110	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Trichloroethene	75	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L	M	07/20/07 8:27 AM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : DU-07301

Matrix Type : WATER
Collection Date : 07/17/07
Report Date : 07/25/07
Lab Sample Number : 886191-011

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1400	200	1	ug/L		07/21/07 12:53 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Iron	< 100	100	1	ug/L		07/21/07 12:53 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Manganese	66	5.0	1	ug/L		07/21/07 12:53 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/20/07 12:20 PM		Anl By: DLB
Nitrogen, Nitrate	0.66	0.40	1	mg/L		07/18/07 04:53 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	46	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Trichloroethene	53	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/19/07 4:45 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : TBLK-07302

Matrix Type : WATER
Collection Date : 07/17/07
Report Date : 07/25/07
Lab Sample Number : 886191-012

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 07/19/07 12:49 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
2-Butanone	9.4	5.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Acetone	5.2	5.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Bromofom	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Methylene Chloride	0.57	J 1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Toluene	1.1	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/19/07 12:49 PM	SW846 5030B	SW846 8260B

Lab Number	TestGroupID	Field ID	Comment
886191-002	M-MN-W	BRMW-2A	A - Analyte is detected in the method blank at a concentration of 0.61 ug/L.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	886191-001	886191-002	886191-003	886191-004	886191-005	886191-006	886191-007	886191-008	886191-009	886191-010	886191-011	886191-012
CALCIUM	B	B	B	B	B	B	B	B	B	B	B	B
IRON	B	B	B	B	B	B	B	B	B	B	B	B
MANGANESE	B	B	B	B	B	B	B	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B	B	B	B	B	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G	G	G	G	G	G

Code	SC Certification
B	83006001
G	83006001

QC Summary

Batch: 886191
Lab Section: METALS
QC Batch Number: 23071
Prep Method: SW846 3010A
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2179-99	MBWMTG2179-99
LCS	LCSWMTG2179-99	LCSWMTG2179-99
MS	886234-001MS	886234-001MS
MSD	886234-001MSD	886234-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-2	886191-001	MB	BRMW-2A	886191-002	MB
ZM-1D	886191-003	MB	ZM-1S	886191-004	MB
ZM-2D	886191-005	MB	ZM-2S	886191-006	MB
ZM-3D	886191-007	MB	ZM-3S	886191-008	MB
ZM-4D	886191-009	MB	ZM-4S	886191-010	MB
DU-07301	886191-011	MB			

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 7/25/2007

QC Batch Number: 23071

Batch: 886191
Lab Section: VOA
QC Batch Number: 23003
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2265-20MB	vog2265-20MB
LCS	vog2265-20LCS	vog2265-20LCS
LCSD	vog2265-20LCSD	vog2265-20LCSD
MS	886193-002MS	886193-002MS
MSD	886193-002MSD	886193-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-2	886191-001	MB	BRMW-2A	886191-002	MB
ZM-1D	886191-003	MB	ZM-1S	886191-004	MB
ZM-2D	886191-005	MB	ZM-2S	886191-006	MB
ZM-3D	886191-007	MB	ZM-3S	886191-008	MB
ZM-4D	886191-009	MB	ZM-4S	886191-010	MB
DU-07301	886191-011	MB	TBLK-07302	886191-012	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
			%	%	%		%	%	%		%	%	%				%	%	%		%	%	%		%	%	%
1,1,1-Trichloroethane	< 0.9	50.0	52.8	106	50.0	52.9	106	0.3	75	128	20	886193-002	< 0.9	50.0	52.8	106	50.0	54.5	109	3.1	70	130	30				
1,1,2,2-Tetrachloroethane	< 0.2	50.0	52.8	106	50.0	47.1	94	11.3	67	125	20	886193-002	< 0.2	50.0	54.2	108	50.0	58.9	118	8.5	70	130	30				
1,1,2-Trichloroethane	< 0.42	50.0	48.7	97	50.0	43.6	87	11.2	75	125	20	886193-002	< 0.42	50.0	49.7	99	50.0	50	100	0.8	70	130	30				
1,1-Dichloroethane	< 0.75	50.0	50.4	101	50.0	52.8	106	4.6	71	130	20	886193-002	< 0.75	50.0	50.7	101	50.0	51.7	103	2.1	70	130	30				
1,1-Dichloroethane	< 0.57	50.0	50	100	50.0	54.3	109	8.3	75	125	20	886193-002	< 0.57	50.0	52.6	105	50.0	54.5	109	3.5	70	135	30				
1,2-Dichloroethane	< 0.36	50.0	51.2	102	50.0	50	100	2.4	71	132	20	886193-002	< 0.36	50.0	51.1	102	50.0	53.1	106	3.8	70	130	30				
1,2-Dichloroethane, Total	< 1.4	100.0	123	123	100.0	108.8	109	12.3	75	125	20	886193-002	0.000	100.0	105.2	105	100.0	110.7	111	5.1	70	130	30				
1,2-Dichloropropane	< 0.46	50.0	52	104	50.0	51.3	103	1.5	73	125	20	886193-002	< 0.46	50.0	52.2	104	50.0	53.7	107	2.8	70	130	30				
2-Butanone	< 4.3	50.0	44.9	90	50.0	43	86	4.4	59	130	20	886193-002	< 4.3	50.0	45.7	91	50.0	47.3	95	3.4	51	130	30				
2-Hexanone	< 1.1	50.0	45	90	50.0	36.8	74	20.0	51	125	20	886193-002	0.00	50.0	43.7	87	50.0	44.7	89	2.3	53	130	30				
4-Methyl-2-pentanone	< 1.2	50.0	51	102	50.0	41.2	82	21.4	59	125	20	886193-002	< 1.2	50.0	51	102	50.0	53.6	107	5.0	62	130	30				
Acetone	< 2.3	50.0	44.5	89	50.0	41.9	84	5.9	31	150	20	886193-002	10.8	50.0	54.8	88	50.0	53.6	86	2.2	42	132	30				
Benzene	< 0.41	50.0	51.7	103	50.0	50.9	102	1.6	75	125	20	886193-002	< 0.41	50.0	51.1	102	50.0	53.6	107	4.9	70	130	30				
Bromodichloromethane	< 0.56	50.0	53.7	107	50.0	53.3	107	0.8	75	125	20	886193-002	< 0.56	50.0	52.1	104	50.0	54.9	110	5.3	70	130	30				
Bromoform	< 0.94	50.0	47.7	95	50.0	42.8	86	10.8	75	125	20	886193-002	< 0.94	50.0	44	88	50.0	46.6	93	5.7	70	130	30				
Bromomethane	< 0.91	50.0	41.3	83	50.0	44.6	89	7.6	66	125	20	886193-002	< 0.91	50.0	40.6	81	50.0	43.2	86	6.2	63	147	30				
Carbon Disulfide	< 0.66	50.0	51.4	103	50.0	53.6	107	4.0	71	128	20	886193-002	0.00	50.0	52.5	105	50.0	54.8	110	4.1	56	142	30				
Carbon Tetrachloride	< 0.49	50.0	57.4	115	50.0	56.8	114	1.0	75	125	20	886193-002	< 0.49	50.0	56.2	112	50.0	58.2	116	3.5	70	131	30				
Chlorobenzene	< 0.41	50.0	52.3	105	50.0	51.4	103	1.6	75	125	20	886193-002	< 0.41	50.0	51.6	103	50.0	52.9	106	2.5	70	130	30				
Chlorodibromomethane	< 0.81	50.0	50.2	100	50.0	45.6	91	9.5	75	125	20	886193-002	< 0.81	50.0	48.6	97	50.0	50	100	2.7	70	130	30				

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 7/25/2007

QC Batch Number: 23003

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS D Spiked Conc	LCS D Recovery			LCS/LCS D RPD % C	LCS/LCS D Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Chloroethane	< 0.97	50.0	49.1	98		50.0	51.5	103		4.7	72	126	20	886193-002	1.27	50.0	53.1	104		50.0	54	105		1.7	67	138	30
Chloroform	< 0.37	50.0	51.3	103		50.0	52.9	106		3.1	75	125	20	886193-002	< 0.37	50.0	50.8	102		50.0	54.2	108		6.5	70	130	30
Chloromethane	< 0.24	50.0	56.1	112		50.0	62.5	125		10.8	46	143	20	886193-002	< 0.24	50.0	55.5	111		50.0	54.7	109		1.4	43	150	30
cis-1,3-Dichloropropene	< 0.19	50.0	49.8	100		50.0	48.8	98		2.1	75	125	20	886193-002	< 0.19	50.0	49.6	99		50.0	51.1	102		3.0	70	130	30
Ethylbenzene	< 0.54	50.0	53.4	107		50.0	53.5	107		0.2	75	125	20	886193-002	< 0.54	50.0	51.7	103		50.0	53.7	107		3.7	70	136	30
Methylene Chloride	< 0.43	50.0	49.1	98		50.0	48.7	97		0.8	75	125	20	886193-002	< 0.43	50.0	49.5	99		50.0	51.5	103		3.9	70	130	30
Styrene	< 0.86	50.0	55.3	111		50.0	56.8	114		2.7	75	125	20	886193-002	< 0.86	50.0	52.6	105		50.0	53.9	108		2.4	70	130	30
Tetrachloroethene	< 0.45	50.0	52.6	105		50.0	50.5	101		4.0	75	130	20	886193-002	< 0.45	50.0	51.4	103		50.0	52.4	105		1.9	70	130	30
Toluene	< 0.67	50.0	52.5	105		50.0	50.7	101		3.4	75	125	20	886193-002	< 0.67	50.0	51.3	103		50.0	53.3	107		3.9	70	130	30
trans-1,3-Dichloropropene	< 0.19	50.0	47.2	94		50.0	42.8	86		9.8	75	125	20	886193-002	< 0.19	50.0	45.9	92		50.0	48.5	97		5.5	70	130	30
Trichloroethene	< 0.48	50.0	53.7	107		50.0	54.8	110		1.9	75	125	20	886193-002	< 0.48	50.0	52	104		50.0	54.1	108		4.0	70	130	30
Vinyl Chloride	< 0.18	50.0	53.3	107		50.0	52.8	106		0.9	65	130	20	886193-002	< 0.18	50.0	56	112		50.0	54.6	109		2.5	62	138	30
Xylene, Total	< 2.6	150.0	161	107		150.0	164.9	110		2.4	75	125	20	886193-002	0.000	150.0	154.8	103		150.0	158.2	105		2.1	70	130	30
4-Bromofluorobenzene	94%	—	—	99		—	—	100		—	64	132	—	886193-002	94%	—	—	97		—	—	95		—	64	132	—
Toluene-d8	95%	—	—	97		—	—	94		—	73	127	—	886193-002	94%	—	—	95		—	—	96		—	73	127	—
Dibromofluoromethane	99%	—	—	94		—	—	99		—	68	122	—	886193-002	100%	—	—	97		—	—	97		—	68	122	—

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 7/25/2007

QC Batch Number: 23003

Batch: 886191
Lab Section: WETCHEM
QC Batch Number: 22984
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2232-070MB	WCG2232-070MB
LCS	WCG2232-070MBLCS	WCG2232-070MBLCS
MS	DU-07301MS	886191-011MS
MS	BRMW-2MS	886191-001MS
MSD	DU-07301MSD	886191-011MSD
MSD	BRMW-2MSD	886191-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-2	886191-001	MB	BRMW-2A	886191-002	MB
ZM-1D	886191-003	MB	ZM-1S	886191-004	MB
ZM-2D	886191-005	MB	ZM-2S	886191-006	MB
ZM-3D	886191-007	MB	ZM-3S	886191-008	MB
ZM-4D	886191-009	MB	ZM-4S	886191-010	MB
DU-07301	886191-011	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%														
Nitrogen, Nitrate	< 0.085	1.6	1.6	98.1		--	--	--	--	90	110	20	886191-001	0.17	1.6	1.6	91.9		1.6	1.6	90.6		1.2	90	110	20	
Nitrogen, Nitrate	< 0.085	1.6	1.6	98.1		--	--	--	--	90	110	20	886191-011	0.66	1.6	2.2	94.4		1.6	2.2	93.8		0.5	90	110	20	

Conc = mg/L unless otherwise noted.

C = QC Code, see Qualifier Sheet

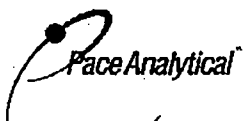
Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 7/25/2007

QC Batch Number: 22984

Sample Condition Upon Receipt



Client Name: RAMT

Project # 886191

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB Type of Ice: Wet Blue None Samples on Ice, cooling process has begun

Cooler Temperature 30 Biological Tissue Is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: MS 7/18/07
U 7/18/07

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>NITRATE</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Initial when completed <u>MS</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16. <u>NON PACE HCL Blanks</u>
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	<u>MS 7/18</u>
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ Field Data Required? Y / I / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: RAMT for Tod N Date: 7-27-07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

Project Name: SANGAMO BREAZEALE SITE

File

Project Number: 71238.32

RMT - GREENVILLE
ATTN: MARK BAILEY
30 Patewood Drive
Suite 100
GREENVILLE SC 29615-3535

Attached are the following for Batch Number: 886441

- Organic
- Inorganic
- QC Data
- Diskette

Ship By: First Class Mail FedEx
 Priority Mail Other: _____

Comments:

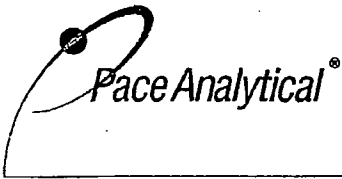
QC
- HI, temp, COC, methods, del, prep, CRL ✓
- TBCK ✓
- Level 2 QC ✓

If you have any questions please call your Client Manager: Tod Noltemeyer

Due to defect in TBCK, 2-butanone for BRM-5 should be plugged
"u" as an uncalibrated detection.

08/03/07

MSMD = BRM-5



1241 Bellevue Street, Suite 9.
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 886441

Client: RMT - GREENVILLE

Lab Contact: Tod Noltemeyer

Project Name: SANGAMO BREAZEALE SITE

Project Number: 71238.32

Lab Sample Number	Field ID	Matrix	Collection Date
886441-001	BRMW-5	WATER	07/23/07 10:50
886441-002	BRMW-5A	WATER	07/23/07 10:10
886441-003	BRMW-5B	WATER	07/23/07 11:30
886441-004	TBLK-07303	WATER	

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..



Mary Allen-Trunkner for Tod N.
Approval Signature

8.3.07
Date

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886441

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : BRMW-5

Matrix Type : WATER
Collection Date : 07/23/07
Report Date : 07/27/07
Lab Sample Number : 886441-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1200	200	1	ug/L		07/26/07 01:54 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/26/07 08:30 AM		Anl By: DLB
Iron	< 100	100	1	ug/L		07/26/07 01:54 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/26/07 08:30 AM		Anl By: DLB
Manganese	8.6	5.0	1	ug/L		07/26/07 01:54 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/26/07 08:30 AM		Anl By: DLB
Nitrogen, Nitrate	0.78	0.40	1	mg/L		07/24/07 05:00 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 07/26/07 8:18 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 8.0	8.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
3utanone	< 20	20	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 20	20	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 20	20	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Acetone	< 20	20	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Benzene	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Bromoform	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Bromomethane	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Chloroethane	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Chloroform	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Chloromethane	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Styrene	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	240	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Toluene	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Trichloroethene	400	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 4.0	4.0	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 12	12	4	ug/L		07/26/07 8:18 AM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886441

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : BRMW-5A

Matrix Type : WATER
Collection Date : 07/23/07
Report Date : 07/27/07
Lab Sample Number : 886441-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	4400	200	1	ug/L		07/26/07 02:08 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/26/07 08:30 AM		Anl By: DLB
Iron	< 100	100	1	ug/L		07/26/07 02:08 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/26/07 08:30 AM		Anl By: DLB
Manganese	85	5.0	1	ug/L		07/26/07 02:08 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 07/26/07 08:30 AM		Anl By: DLB
Nitrogen, Nitrate	0.91	0.40	1	mg/L		07/24/07 05:14 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 07/25/07 9:54 PM		Anl By: SMT
1,1,1-Trichloroethane	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 20	20	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
2-Butanone	< 50	50	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 50	50	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 50	50	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Acetone	< 50	50	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Benzene	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Bromoform	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Bromomethane	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Chloroethane	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Chloroform	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Chloromethane	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Styrene	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	310	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Toluene	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Trichloroethene	670	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 10	10	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 30	30	10	ug/L		07/25/07 9:54 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886441

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : BRMW-5B

Matrix Type : WATER
Collection Date : 07/23/07
Report Date : 07/27/07
Lab Sample Number : 886441-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	3700	200	1	ug/L		07/26/07 02:12 PM	SW846 3010A	SW846 6010B
					Prep Date/Time: 07/26/07 08:30 AM Anl By: DLB			
Iron	< 100	100	1	ug/L		07/26/07 02:12 PM	SW846 3010A	SW846 6010B
					Prep Date/Time: 07/26/07 08:30 AM Anl By: DLB			
Manganese	1.2	B 5.0	1	ug/L		07/26/07 02:12 PM	SW846 3010A	SW846 6010B
					Prep Date/Time: 07/26/07 08:30 AM Anl By: DLB			
Nitrogen, Nitrate	0.99	0.40	1	mg/L		07/24/07 05:28 PM	EPA 300.0	EPA 300.0
					Prep Date/Time: Anl By: GLL			

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
					Prep Date/Time: 07/25/07 9:09 PM Anl By: SMT			
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Butanone	5.2	5.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/25/07 9:09 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 886441

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Matrix Type : WATER

Project Name : SANGAMO BREAZEALE SITE

Collection Date :

Project Number : 71238.32

Report Date : 07/27/07

Field ID : TBLK-07303

Lab Sample Number : 886441-004

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 07/25/07 3:52 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
2-Butanone	5.6	5.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Acetone	2.4	J 5.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Bromofom	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Chlorobenzene	2.7	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Toluene	0.70	J 1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		07/25/07 3:52 PM	SW846 5030B	SW846 8260B

Qualifier Codes

Flag Applies To Explanation

Flag	Applies To	Explanation
	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
	Organic	Sample received overweight.
	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	886441-001	886441-002	886441-003	886441-004
CALCIUM	B	B	B	
IRON	B	B	B	
MANGANESE	B	B	B	
NITROGEN, NITRATE	B	B	B	
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G

Code	SC Certification
B	83006001
G	83006001

Batch: 886441
Lab Section: METALS
QC Batch Number: 23252
Prep Method: SW846 3010A
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2267-05	MBWMTG2267-05
LCS	LCSWMTG2267-05	LCSWMTG2267-05
MS	BRMW-5MS	886441-001MS
MSD	BRMW-5MSD	886441-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-5	886441-001	MB	BRMW-5A	886441-002	MB
BRMW-5B	886441-003	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Calcium	< 100	5000.0	5172.2	103.4		--	--	--	--	80	120	20	886441-001	1208.7	5000.0	6034.3	96.5		5000.0	6095	97.7		1.0	75	125	20	
Iron	< 50	5000.0	5114.9	102.3		--	--	--	--	80	120	20	886441-001	< 50	5000.0	5092	101.8		5000.0	5159.1	103.2		1.3	75	125	20	
Manganese	< 0.46	500.0	495.9	99.2		--	--	--	--	80	120	20	886441-001	8.585	500.0	504.1	99.1		500.0	509.8	100.2		1.1	75	125	20	

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 8/6/2007

QC Batch Number: 23252

Batch: 886441
Lab Section: VOA
QC Batch Number: 23183
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2265-34MB	vog2265-34MB
LCS	vog2265-34LCS	vog2265-34LCS
LCSD	vog2265-34LCSD	vog2265-34LCSD
MS	BRMW-5BMS	886441-003MS
MSD	BRMW-5BMSD	886441-003MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-5	886441-001	MB	BRMW-5A	886441-002	MB
BRMW-5B	886441-003	MB	TBLK-07303	886441-004	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
1,1,1-Trichloroethane	< 0.9	50.0	51.3	103	50.0	50.7	101	1.2	75	128	20	886441-003	< 0.9	50.0	50.3	101	50.0	51.7	103	2.7	70	130	30				
1,1,2,2-Tetrachloroethane	< 0.2	50.0	49.4	99	50.0	49.7	99	0.5	67	125	20	886441-003	< 0.2	50.0	47.5	95	50.0	47.9	96	0.8	70	130	30				
1,1,2-Trichloroethane	< 0.42	50.0	50.5	101	50.0	52	104	3.1	75	125	20	886441-003	< 0.42	50.0	48.4	97	50.0	50.4	101	4.1	70	130	30				
1,1-Dichloroethane	< 0.75	50.0	47.3	95	50.0	46.8	94	1.0	71	130	20	886441-003	< 0.75	50.0	47.7	95	50.0	49.2	98	3.2	70	130	30				
1,1-Dichloroethene	< 0.57	50.0	47.9	96	50.0	47.7	95	0.4	75	125	20	886441-003	< 0.57	50.0	48.4	97	50.0	49.7	99	2.7	70	135	30				
1,2-Dichloroethane	< 0.36	50.0	48.9	98	50.0	48.8	98	0.2	71	132	20	886441-003	< 0.36	50.0	48.2	96	50.0	49.8	100	3.3	70	130	30				
1,2-Dichloroethene, Total	< 1.4	100.0	97.5	98	100.0	99.6	100	2.1	75	125	20	886441-003	< 1.4	100.0	97.4	97	100.0	101.8	102	4.4	70	130	30				
1,2-Dichloropropane	< 0.46	50.0	49.2	98	50.0	49.8	100	1.3	73	125	20	886441-003	< 0.46	50.0	49.2	98	50.0	49	98	0.5	70	130	30				
2-Butanone	< 4.3	50.0	51	102	50.0	47.8	96	6.4	59	130	20	886441-003	5.17	50.0	52.2	94	50.0	49.3	88	5.9	51	130	30				
2-Hexanone	< 1.1	50.0	45	90	50.0	48	96	6.5	51	125	20	886441-003	< 1.1	50.0	42.1	84	50.0	43	86	2.3	53	130	30				
4-Methyl-2-pentanone	< 1.2	50.0	44.9	90	50.0	48	96	6.8	59	125	20	886441-003	< 1.2	50.0	44.1	88	50.0	42.8	86	2.9	62	130	30				
Acetone	< 2.3	50.0	41.3	83	50.0	39	78	5.7	31	150	20	886441-003	< 2.2	50.0	41.4	83	50.0	43.3	87	4.4	42	132	30				
Benzene	< 0.41	50.0	48.4	97	50.0	48.9	98	0.9	75	125	20	886441-003	< 0.41	50.0	48.9	98	50.0	50.7	101	3.5	70	130	30				
Bromodichloromethane	< 0.56	50.0	49.9	100	50.0	50.9	102	2.0	75	125	20	886441-003	< 0.56	50.0	48.8	98	50.0	49.1	98	0.6	70	130	30				
Bromoform	< 0.94	50.0	54.2	108	50.0	55.1	110	1.7	75	125	20	886441-003	< 0.94	50.0	50.4	101	50.0	50.1	100	0.6	70	130	30				
Bromomethane	< 0.91	50.0	39.5	79	50.0	43.3	87	9.3	66	125	20	886441-003	< 0.91	50.0	42.5	85	50.0	43.8	88	3.0	63	147	30				
Carbon Disulfide	< 0.66	50.0	44.1	88	50.0	43.5	87	1.3	71	128	20	886441-003	< 0.66	50.0	45.7	91	50.0	48	96	4.9	56	142	30				
Carbon Tetrachloride	< 0.49	50.0	51.6	103	50.0	50.7	101	1.8	75	125	20	886441-003	< 0.49	50.0	49.2	98	50.0	51.9	104	5.2	70	131	30				
Chlorobenzene	< 0.41	50.0	52.1	104	50.0	52.4	105	0.5	75	125	20	886441-003	< 0.41	50.0	50.5	101	50.0	51.1	102	1.3	70	130	30				
Chlorodibromomethane	< 0.81	50.0	51.9	104	50.0	52.8	106	1.6	75	125	20	886441-003	< 0.81	50.0	50.5	101	50.0	49.5	99	1.9	70	130	30				
Chloroethane	< 0.97	50.0	41.5	83	50.0	41.7	83	0.6	72	126	20	886441-003	< 0.97	50.0	43.5	87	50.0	42.4	85	2.6	57	138	30				
Chloroform	< 0.37	50.0	49.4	99	50.0	49.2	98	0.4	75	125	20	886441-003	< 0.37	50.0	48.6	97	50.0	50.9	102	4.6	70	130	30				

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 8/6/2007

QC Batch Number: 23183

QC Summary

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Chloromethane	< 0.24	50.0	30.4	61		50.0	30.3	61	0.5	46	143	20	886441-003	< 0.24	50.0	32.4	65		50.0	33	66	1.9	43	150	30		
cis-1,3-Dichloropropene	< 0.19	50.0	47	94		50.0	48.1	96	2.5	75	125	20	886441-003	< 0.19	50.0	47.4	95		50.0	47.4	95	0.0	70	130	30		
Ethylbenzene	< 0.54	50.0	51.9	104		50.0	53.2	106	2.3	75	125	20	886441-003	< 0.54	50.0	51.3	103		50.0	51.2	102	0.1	70	136	30		
Methylene Chloride	< 0.43	50.0	45.2	90		50.0	46.4	93	2.8	75	125	20	886441-003	< 0.43	50.0	47.4	95		50.0	47.7	95	0.7	70	130	30		
Styrene	< 0.86	50.0	55.3	111		50.0	56.1	112	1.5	75	125	20	886441-003	< 0.86	50.0	53.7	107		50.0	53.9	108	0.2	70	130	30		
Tetrachloroethene	< 0.45	50.0	52.8	106		50.0	53.3	107	0.9	75	130	20	886441-003	< 0.45	50.0	50.1	100		50.0	52	104	3.6	70	130	30		
Toluene	< 0.67	50.0	51.4	103		50.0	53.1	106	3.1	75	125	20	886441-003	< 0.67	50.0	50.8	102		50.0	50.7	101	0.2	70	130	30		
trans-1,3-Dichloropropene	< 0.19	50.0	50.6	101		50.0	52.2	104	3.1	75	125	20	886441-003	< 0.19	50.0	51.3	103		50.0	49.7	99	3.2	70	130	30		
Trichloroethene	< 0.48	50.0	53.3	107		50.0	54.1	108	1.6	75	125	20	886441-003	< 0.48	50.0	50.8	102		50.0	50.9	102	0.3	70	130	30		
Vinyl Chloride	< 0.18	50.0	37.5	75		50.0	37.9	76	1.1	65	130	20	886441-003	< 0.18	50.0	38.1	76		50.0	39.2	78	2.8	62	138	30		
Xylene, Total	< 2.6	150.0	161.5	108		150.0	163	109	0.9	75	125	20	886441-003	< 2.6	150.0	158.5	106		150.0	157.2	105	0.8	70	130	30		
4-Bromofluorobenzene	102%	---	---	101		---	---	102	---	64	132	---	886441-003	99%	---	---	100		---	---	101	---	64	132	---		
Toluene-d8	105%	---	---	104		---	---	104	---	73	127	---	886441-003	102%	---	---	105		---	---	103	---	73	127	---		
Dibromofluoromethane	92%	---	---	96		---	---	94	---	68	122	---	886441-003	95%	---	---	98		---	---	101	---	68	122	---		

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 8/6/2007

QC Batch Number: 23183

Batch: 886441
Lab Section: WETCHEM
QC Batch Number: 23181
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2232-083MB	WCG2232-083MB
LCS	WCG2232-083MBLCS	WCG2232-083MBLCS
MS	BRMW-5BMS	886441-003MS
MS	886425-001MS	886425-001MS
MSD	BRMW-5BMSD	886441-003MSD
MSD	886425-001MSD	886425-001MSD

Client Sample ID	Lab Sample ID	MB ID
BRMW-5	886441-001	MB
BRMW-5B	886441-003	MB

Client Sample ID	Lab Sample ID	MB ID
BRMW-5A	886441-002	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
			%	%	%		%	%	%		%	%	%				%	%	%		%	%	%		%	%	%
Nitrogen, Nitrate	< 0.085	1.6	1.6	98.8		--	--	--	--	90	110	20	886425-001	0.18	1.6	1.6	90.6	1.6	1.7	93.1	2.4	90	110	20			
Nitrogen, Nitrate	< 0.085	1.6	1.6	98.8		--	--	--	--	90	110	20	886441-003	0.99	1.6	2.6	97.5	1.6	2.5	96.9	0.4	90	110	20			

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 8/6/2007

QC Batch Number: 23181



Sample Condition Upon Receipt

Client Name: RMT

Project # 8860441

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals Intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 0.0

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 7-29-07 CG
7-29-07

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Nitrate</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>GW</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>CG</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: NAT for Tod N

Date: 8-3-07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



CHAIN OF CUSTODY RECORD

75666

886441

13

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No. 71238.32 Project/Client: Schlumberger Breazale Site

Project Manager/Contact Person: Mike Parker / Britney Barnes

Lab No.	Yr. <u>07</u> Date	Time	Sample Station ID
---------	-----------------------	------	-------------------

Total Number of Containers

MATRIX

Filtered (Yes/No) N N N

Preserved (Code) E A B

Analyses Requested
VOCs Nitrate Metals (Ca, Fe, Mn)

PRESERVED CODES

- A - NONE
- B - HNO₃
- C - H₂SO₄
- D - NaOH
- E - HCl
- F - METHANOL
- G - _____

Comments:

Lab No.	Yr. <u>07</u> Date	Time	Sample Station ID	Total Number of Containers	MATRIX	VOCs	Nitrate	Metals (Ca, Fe, Mn)	Comments:
001	7/23	1050	BMW-5	3	GW	3	1	1	50mlp B, 250mlp A 3-40ml E
002	7/23	1010	BMW-SA	3	GW	3	1	1	↓ ↓ ↓
003	7/23	1130	BMW-SB	3	GW	3	1	1	↓ ↓ ↓
004			TBLK07303	3	DI	3			3-40ml E

SPECIAL INSTRUCTIONS

84787 5137911

SAMPLER Relinquished by (Signature) Larry J. [Signature] Date/Time 7/23/07 1640

Received by (Signature) FED EX Date/Time 7/23/07 7:00

HAZARDS ASSOCIATED WITH SAMPLES

- Flammable
- Corrosive
- Highly Toxic
- Other (list) _____

Turn Around (circle one) Normal Rush

Report Due _____

Relinquished by (Signature) FedEx Date/Time 7/24/07 10:00

Received by (Signature) Cynthia [Signature] Date/Time Race 7/24 10:00

(For Lab Use Only)

Receipt Temp: 0.0
Temp Blank Y (N)

Receipt pH (Wet/Metals)

OK

Custody Seal: Present/Absent Intact/Not Intact Seal #s

File

Project Name: BREAZEALE
Project Number: 71238.32 T-3

RMT - GREENVILLE
ATTN: MARK BAILEY
30 Patewood Drive
Suite 100
GREENVILLE SC 29615-3535

Attached are the following for Batch Number: **887316**

- Organic
- Inorganic
- QC Data
- Diskette

Ship By: First Class Mail FedEx
 Priority Mail Other: US Mail

Comments:

QC

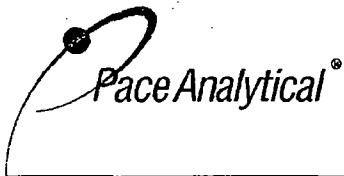
- HT, temp, CDC, pres, methods del, CRU ✓
- Lowst 2 QC ✓
- TBK ✓

Due to MSMSD rec. low, nitrate for all samples this SDG should be flagged "j" as estimated & potentially biased low.
Due to MSMSD rec high, PCE + TCE hits only in this SDG should be flagged "j" as estimated & potentially biased high.

If you have any questions please call your Client Manager: **Tod Noltemeyer**

MSMSD
No. 30 VAC, MEMM = MW-05 (add rec low; TCE, PCE rec hi)

Du07302 = BREAZE-11 RPD ✓



1241 Bellevue Street, Suite 9
 Green Bay, WI 54302
 920-469-2436, Fax: 920-469-8827

Analytical Report Number: 887316

Client: RMT - GREENVILLE

Lab Contact: Tod Noltemeyer

Project Name: BREAZEALE

Project Number: 71238.32 T-3

Lab Sample Number	Field ID	Matrix	Collection Date
887316-001	TBLK-07304	WATER	
887316-002	BRMW-05	WATER	08/15/07 10:30
887316-003	BRMW-05A	WATER	08/15/07 11:45
887316-004	BRMW-02A	WATER	08/15/07 14:15
887316-005	BRMW-05B	WATER	08/15/07 14:30
887316-006	BRMW-02	WATER	08/15/07 15:30
887316-007	BRMW-07	WATER	08/15/07 16:15
887316-008	BRMW-11	WATER	08/15/07
887316-009	DU-07302	WATER	08/15/07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



Alle An for Tod N
 Approval Signature

8/29/07
 Date

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887316

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client: RMT - GREENVILLE
Project Name: BREAZEALE
Project Number: 71238.32 T-3
Field ID: TBLK-07304

Matrix Type: WATER
Collection Date:
Report Date: 08/28/07
Lab Sample Number: 887316-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/17/07 1:29 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Methylene Chloride	0.99	J 1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/17/07 1:29 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	100	64 132	1	%		08/17/07	SW846 5030B	SW846 8260B
Toluene-d8	105	73 127	1	%		08/17/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68 122	1	%		08/17/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887316

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : BREAZEALE

Project Number : 71238.32 T-3

Field ID : BRMW-05

Matrix Type : WATER

Collection Date : 08/15/07

Report Date : 08/28/07

Lab Sample Number : 887316-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	3800	200	1	ug/L		08/17/07 07:45 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Iron	< 100	100	1	ug/L		08/17/07 07:45 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Manganese	74	5.0	1	ug/L		08/17/07 07:45 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Nitrogen, Nitrate	0.85	0.40	1	mg/L	N	08/16/07 06:53 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: 08/16/07 03:56 PM	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 08/17/07 6:35 PM	Anl By: SMT	
1,1,1-Trichloroethane	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 10	10	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
2-Butanone	< 25	25	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 25	25	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 25	25	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Acetone	< 25	25	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Benzene	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Bromoform	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Bromomethane	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Chloroethane	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Chloroform	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Chloromethane	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Styrene	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	220	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Toluene	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Trichloroethene	370	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 5.0	5.0	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 15	15	5	ug/L		08/17/07 6:35 PM	SW846 5030B	SW846 8260B

Surrogate	LCL	UCL						
4-Bromofluorobenzene	97	64	132	5	%	08/17/07	SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	5	%	08/17/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	5	%	08/17/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887316

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE
Project Number : 71238.32 T-3
Field ID : BRMW-05A

Matrix Type : WATER
Collection Date : 08/15/07
Report Date : 08/28/07
Lab Sample Number : 887316-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	940	200	1	ug/L		08/17/07 07:40 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Iron	< 100	100	1	ug/L		08/17/07 07:40 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Manganese	7.9	5.0	1	ug/L		08/17/07 07:40 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Nitrogen, Nitrate	0.87	0.40	1	mg/L		08/16/07 07:35 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: 08/16/07 03:56 PM	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/17/07 6:11 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 8.0	8.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
2-Dichloropropane	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
3utanone	< 20	20	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 20	20	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 20	20	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Acetone	< 20	20	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Benzene	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Bromoform	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Bromomethane	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Chloroethane	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Chloroform	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Chloromethane	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Styrene	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	240	4.0	4	ug/L	N	08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Toluene	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Trichloroethene	520	4.0	4	ug/L	N	08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 4.0	4.0	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 12	12	4	ug/L		08/17/07 6:11 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

3romofluorobenzene	99	64	132	4	%	08/17/07	SW846 5030B	SW846 8260B
toluene-d8	104	73	127	4	%	08/17/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	101	68	122	4	%	08/17/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE
Project Number : 71238.32 T-3
Field ID : BRMW-02A

Matrix Type : WATER
Collection Date : 08/15/07
Report Date : 08/28/07
Lab Sample Number : 887316-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	10000	200	1	ug/L		08/17/07 08:13 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Iron	< 100	100	1	ug/L		08/17/07 08:13 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Manganese	1.0	B 5.0	1	ug/L		08/17/07 08:13 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Nitrogen, Nitrate	0.98	0.40	1	mg/L		08/16/07 07:49 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: 08/16/07 03:56 PM	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/17/07 5:01 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.49	J 1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Trichloroethene	0.65	J 1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/17/07 5:01 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	98	64	132	1	%	08/17/07	SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	1	%	08/17/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68	122	1	%	08/17/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887316

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE
Project Number : 71238.32 T-3
Field ID : BRMW-05B

Matrix Type : WATER
Collection Date : 08/15/07
Report Date : 08/28/07
Lab Sample Number : 887316-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	3500	200	1	ug/L		08/17/07 08:18 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM		Anl By: DLB
Iron	< 100	100	1	ug/L		08/17/07 08:18 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM		Anl By: DLB
Manganese	< 5.0	5.0	1	ug/L		08/17/07 08:18 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM		Anl By: DLB
Nitrogen, Nitrate	0.99	0.40	1	mg/L		08/16/07 08:32 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: 08/16/07 03:56 PM		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/17/07 5:24 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
2-Dichloropropane	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
3utanone	< 5.0	5.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/17/07 5:24 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

Bromofluorobenzene	99	64	132	1	%	08/17/07	SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	1	%	08/17/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	103	68	122	1	%	08/17/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE
Project Number : 71238.32 T-3
Field ID : BRMW-02

Matrix Type : WATER
Collection Date : 08/15/07
Report Date : 08/28/07
Lab Sample Number : 887316-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	< 200	200	1	ug/L		08/17/07 08:23 PM	SW846 3010A	SW846 6010B
Prep Date/Time: 08/17/07 08:45 AM Anl By: DLB								
Iron	< 100	100	1	ug/L		08/17/07 08:23 PM	SW846 3010A	SW846 6010B
Prep Date/Time: 08/17/07 08:45 AM Anl By: DLB								
Manganese	210	5.0	1	ug/L		08/17/07 08:23 PM	SW846 3010A	SW846 6010B
Prep Date/Time: 08/17/07 08:45 AM Anl By: DLB								
Nitrogen, Nitrate	0.17	B 0.40	1	mg/L		08/16/07 08:46 PM	EPA 300.0	EPA 300.0
Prep Date/Time: 08/16/07 03:56 PM Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Prep Date/Time: 08/17/07 6:58 PM Anl By: SMT								
1,1,1-Trichloroethane	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 5.0	5.0	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
2-Butanone	< 12	12	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 12	12	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 12	12	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Acetone	< 12	12	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Benzene	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Bromoform	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Bromomethane	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Chloroethane	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Chloroform	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Chloromethane	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Styrene	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	100	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Toluene	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Trichloroethene	200	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 2.5	2.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 7.5	7.5	2.5	ug/L		08/17/07 6:58 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	97	64	132	2.5	%	08/17/07	SW846 5030B	SW846 8260B
Toluene-d8	104	73	127	2.5	%	08/17/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	103	68	122	2.5	%	08/17/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887316

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : BREAZEALE

Project Number : 71238.32 T-3

Field ID : BRMW-07

Matrix Type : WATER

Collection Date : 08/15/07

Report Date : 08/28/07

Lab Sample Number : 887316-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	260	200	1	ug/L		08/17/07 08:29 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Iron	< 100	100	1	ug/L		08/17/07 08:29 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Manganese	24	5.0	1	ug/L		08/17/07 08:29 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Nitrogen, Nitrate	0.42	0.40	1	mg/L		08/16/07 09:00 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: 08/16/07 03:56 PM	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/17/07 5:48 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
2-Dichloropropane	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
3-Pentanone	< 5.0	5.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/17/07 5:48 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

Bromofluorobenzene	98	64	132	1	%	08/17/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%	08/17/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	1	%	08/17/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE
Project Number : 71238.32 T-3
Field ID : BRMW-11

Matrix Type : WATER
Collection Date : 08/15/07
Report Date : 08/28/07
Lab Sample Number : 887316-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	< 200	200	1	ug/L		08/17/07 08:34 PM	SW846 3010A	SW846 6010B
Prep Date/Time: 08/17/07 08:45 AM Anl By: DLB								
Iron	< 100	100	1	ug/L		08/17/07 08:34 PM	SW846 3010A	SW846 6010B
Prep Date/Time: 08/17/07 08:45 AM Anl By: DLB								
Manganese	53	5.0	1	ug/L		08/17/07 08:34 PM	SW846 3010A	SW846 6010B
Prep Date/Time: 08/17/07 08:45 AM Anl By: DLB								
Nitrogen, Nitrate	0.38	B 0.40	1	mg/L		08/16/07 09:14 PM	EPA 300.0	EPA 300.0
Prep Date/Time: 08/16/07 03:56 PM Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 100	100	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
2-Butanone	< 250	250	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 250	250	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 250	250	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Acetone	< 250	250	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Benzene	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Bromoform	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Bromomethane	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Chloroethane	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Chloroform	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Chloromethane	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Styrene	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	1400	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Toluene	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Trichloroethene	3400	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 50	50	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 150	150	50	ug/L		08/17/07 7:21 PM	SW846 5030B	SW846 8260B

Surrogate	LCL	UCL						
4-Bromofluorobenzene	96	64	132	50	%	08/17/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	50	%	08/17/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	103	68	122	50	%	08/17/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887316

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE
Project Number : 71238.32 T-3
Field ID : DU-07302

Matrix Type : WATER
Collection Date : 08/15/07
Report Date : 08/28/07
Lab Sample Number : 887316-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	< 200	200	1	ug/L		08/17/07 08:39 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Iron	54	B 100	1	ug/L		08/17/07 08:39 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Manganese	65	5.0	1	ug/L		08/17/07 08:39 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 08/17/07 08:45 AM	Anl By: DLB	
Nitrogen, Nitrate	0.37	B 0.40	1	mg/L		08/16/07 09:28 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: 08/16/07 03:56 PM	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/17/07 7:45 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 100	100	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
2-Dichloropropane	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Butanone	< 250	250	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 250	250	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 250	250	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Acetone	< 250	250	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Benzene	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Bromoform	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Bromomethane	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Chloroethane	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Chloroform	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Chloromethane	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Styrene	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	1400	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Toluene	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Trichloroethene	3400	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 50	50	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 150	150	50	ug/L		08/17/07 7:45 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

Bromofluorobenzene	97	64	132	50	%	08/17/07	SW846 5030B	SW846 8260B
Toluene-d8	104	73	127	50	%	08/17/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	50	%	08/17/07	SW846 5030B	SW846 8260B

Qualifier Codes

Flag Applies To Explanation

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	887316-001	887316-002	887316-003	887316-004	887316-005	887316-006	887316-007	887316-008	887316-009
CALCIUM	B	B	B	B	B	B	B	B	B
IRON	B	B	B	B	B	B	B	B	B
MANGANESE	B	B	B	B	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B	B	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T.	G	G	G	G	G	G	G	G	G

Code	SC Certification
B	83006001
G	83006001

Batch: 887316
Lab Section: METALS
QC Batch Number: 23917
Prep Method: SW846 3010A
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2267-19	MBWMTG2267-19
LCS	LCSWMTG2267-19	LCSWMTG2267-19
MS	BRMW-05MS	887316-002MS
MSD	BRMW-05MSD	887316-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-05	887316-002	MB	BRMW-05A	887316-003	MB
BRMW-02A	887316-004	MB	BRMW-05B	887316-005	MB
BRMW-02	887316-006	MB	BRMW-07	887316-007	MB
BRMW-11	887316-008	MB	DU-07302	887316-009	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL %	UCL %	RPD %				Conc	%	C		Conc	%	C		LCL %	UCL %	RPD %
Calcium	< 100	5000.0	4949.9	99.0	C	--	--	--	--	80	120	20	887316-002	3767.8	5000.0	8548.8	95.6	C	5000.0	8513	94.9	C	0.4	75	125	20	
Iron	< 50	5000.0	5071	101.4	C	--	--	--	--	80	120	20	887316-002	< 50	5000.0	5091.8	101.8	C	5000.0	5108	102.2	C	0.3	75	125	20	
Manganese	< 0.46	500.0	472.1	94.4	C	--	--	--	--	80	120	20	887316-002	73.92	500.0	537.9	92.8	C	500.0	540	93.2	C	0.4	75	125	20	

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 8/28/2007

QC Batch Number: 23917

Batch: 887316
Lab Section: VOA
QC Batch Number: 23910
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	VOG2265-99MB	VOG2265-99MB
LCS	VOG2265-99LCS	VOG2265-99LCS
LCSD	VOG2265-99LCSD	VOG2265-99LCSD
MS	BRMW-05AMS	887316-003MS
MSD	BRMW-05AMSD	887316-003MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
TBLK-07304	887316-001	MB	BRMW-05	887316-002	MB
BRMW-05A	887316-003	MB	BRMW-02A	887316-004	MB
BRMW-05B	887316-005	MB	BRMW-02	887316-006	MB
BRMW-07	887316-007	MB	BRMW-11	887316-008	MB
DU-07302	887316-009	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
1,1,1-Trichloroethane	< 0.9	50.0	58.2	116		50.0	55.9	112	4.1	75	128	20	887316-003	< 3.6	50.0	57.4	115		50.0	56.3	113		1.9	70	130	30	
1,1,2,2-Tetrachloroethane	< 0.2	50.0	51.1	102		50.0	52.4	105	2.6	67	125	20	887316-003	< 0.8	50.0	51.6	103		50.0	52.3	105		1.3	70	130	30	
1,1,2-Trichloroethane	< 0.42	50.0	52.6	105		50.0	53.7	107	2.0	75	125	20	887316-003	< 1.7	50.0	53.5	107		50.0	53.6	107		0.1	70	130	30	
1,1-Dichloroethane	< 0.75	50.0	58.8	118		50.0	54.9	110	7.0	71	130	20	887316-003	< 3	50.0	56.9	114		50.0	54.9	110		3.7	70	130	30	
1,1-Dichloroethene	< 0.57	50.0	60.9	122		50.0	57.4	115	5.9	75	125	20	887316-003	< 2.3	50.0	59.1	118		50.0	57.8	116		2.1	70	135	30	
1,2-Dichloroethane	< 0.36	50.0	52.6	105		50.0	51.4	103	2.3	71	132	20	887316-003	< 1.4	50.0	52.2	104		50.0	52.5	105		0.6	70	130	30	
1,2-Dichloroethene, Total	< 1.4	100.0	108.5	109		100.0	102.2	102	6.0	75	125	20	887316-003	< 5.6	100.0	106.3	106		100.0	103.3	103		2.8	70	130	30	
1,2-Dichloropropane	< 0.46	50.0	56.4	113		50.0	55.8	112	1.0	73	125	20	887316-003	< 1.8	50.0	55.6	111		50.0	55.7	111		0.1	70	130	30	
2-Butanone	< 4.3	50.0	51	102		50.0	50.3	101	1.4	59	130	20	887316-003	< 17	50.0	50.1	100		50.0	50.4	101		0.5	51	130	30	
2-Hexanone	< 1.1	50.0	47	94		50.0	51.9	104	10	51	125	20	887316-003	< 4.4	50.0	51.7	103		50.0	52.3	105		1.1	53	130	30	
4-Methyl-2-pentanone	< 1.2	50.0	49.6	99		50.0	53.8	108	8.3	59	125	20	887316-003	< 4.8	50.0	53	106		50.0	54.3	109		2.6	62	130	30	
Acetone	< 2.3	50.0	58.1	116		50.0	49.8	100	15.4	31	150	20	887316-003	< 8.8	50.0	52.1	104		50.0	51	102		2.2	42	132	30	
Benzene	< 0.41	50.0	55.3	111		50.0	54.4	109	1.7	75	125	20	887316-003	< 1.6	50.0	54.8	110		50.0	54.3	109		0.8	70	130	30	
Bromodichloromethane	< 0.56	50.0	53.6	107		50.0	52.8	106	1.5	75	125	20	887316-003	< 2.2	50.0	53.5	107		50.0	53.7	107		0.4	70	130	30	
Bromoform	< 0.94	50.0	49.6	99		50.0	50.5	101	1.9	75	125	20	887316-003	< 3.8	50.0	50.3	101		50.0	50	100		0.7	70	130	30	
Bromomethane	< 0.91	50.0	54.9	110		50.0	59.6	119	8.3	66	125	20	887316-003	< 3.6	50.0	59.2	118		50.0	61.5	123		3.9	63	147	30	
Carbon Disulfide	< 0.66	50.0	60.7	121		50.0	59.3	119	2.3	71	128	20	887316-003	< 2.6	50.0	60.5	121		50.0	59.7	119		1.4	56	142	30	
Carbon Tetrachloride	< 0.49	50.0	59.5	119		50.0	56	112	6.0	75	125	20	887316-003	< 2	50.0	58.9	118		50.0	57.5	115		2.3	70	131	30	
Chlorobenzene	< 0.41	50.0	52.5	105		50.0	53	106	1.0	75	125	20	887316-003	< 1.6	50.0	51.7	103		50.0	52.1	104		0.8	70	130	30	
Chlorodibromomethane	< 0.81	50.0	49.9	100		50.0	51.4	103	3.0	75	125	20	887316-003	< 3.2	50.0	50.4	101		50.0	52.4	105		3.8	70	130	30	
Chloroethane	< 0.97	50.0	59.9	120		50.0	56.3	113	6.2	72	126	20	887316-003	< 3.9	50.0	57.5	115		50.0	57.4	115		0.2	67	138	30	

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Report Date: 8/28/2007

QC Batch Number: 23910

Test Name	Method Blank Result Conc	LCS			LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits					
		Spiked Conc	Conc	%	Conc	%	C		Spiked Conc	Conc	%				LCL	UCL	RPD		Conc	%	C		Conc	%	C	LCL	UCL	RPD
Chloroform	< 0.37	50.0	53.1	106	50.0	51	102	4.0	75	125	20	887316-003	< 1.5	50.0	52.5	105	50.0	52.1	104	0.9	70	130	30					
Chloromethane	< 0.24	50.0	57.7	115	50.0	53.6	107	7.3	46	143	20	887316-003	< 0.96	50.0	54.8	110	50.0	53.4	107	2.6	43	150	30					
cis-1,3-Dichloropropene	< 0.19	50.0	56.2	112	50.0	55.7	111	0.9	75	125	20	887316-003	< 0.76	50.0	56.8	114	50.0	56.1	112	1.2	70	130	30					
Ethylbenzene	< 0.54	50.0	55.4	111	50.0	54.9	110	0.9	75	125	20	887316-003	< 2.2	50.0	53.5	107	50.0	54.1	108	1.0	70	136	30					
Methylene Chloride	< 0.43	50.0	54.8	110	50.0	53.7	107	2.0	75	125	20	887316-003	< 1.7	50.0	54.9	110	50.0	54.3	109	1.2	70	130	30					
Styrene	< 0.86	50.0	57.1	114	50.0	57.4	115	0.5	75	125	20	887316-003	< 3.4	50.0	55.5	111	50.0	55.9	112	0.8	70	130	30					
Tetrachloroethene	< 0.45	50.00	54.8	110	50.00	54.5	109	0.6	75	130	20	887316-003	244.0	50.00	324.7	161	N	50.00	333.9	180	N	2.8	70	130	30			
Toluene	< 0.67	50.0	55.7	111	50.0	56.4	113	1.2	75	125	20	887316-003	< 2.7	50.0	54.5	109	50.0	55.4	111	1.7	70	130	30					
trans-1,3-Dichloropropene	< 0.19	50.0	57.2	114	50.0	56.9	114	0.5	75	125	20	887316-003	< 0.76	50.0	55.8	112	50.0	57.6	115	3.2	70	130	30					
Trichloroethene	< 0.48	50.00	55.4	111	50.00	53.7	107	3.3	75	125	20	887316-003	516.3	50.00	591.9	151	N	50.00	593.4	154	N	0.2	70	130	30			
Vinyl Chloride	< 0.18	50.0	56	112	50.0	57.2	114	2.1	65	130	20	887316-003	< 0.72	50.0	56.4	113	50.0	55.5	111	1.6	62	138	30					
Xylene, Total	< 2.6	150.0	167.8	112	150.0	169	113	0.7	75	125	20	887316-003	< 10	150.0	163	109	150.0	166	111	1.8	70	130	30					
4-Bromofluorobenzene	100%	—	—	103	—	—	102	—	64	132	—	887316-003	99%	—	—	101	—	—	103	—	64	132	—					
Toluene-d8	105%	—	—	108	—	—	108	—	73	127	—	887316-003	104%	—	—	107	—	—	107	—	73	127	—					
Dibromofluoromethane	96%	—	—	101	—	—	95	—	68	122	—	887316-003	101%	—	—	100	—	—	96	—	68	122	—					

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

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Report Date: 8/28/2007

QC Batch Number: 23910

Batch: 887316
Lab Section: WETCHEM
QC Batch Number: 23904
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2280-027MB	WCG2280-027MB
LCS	WCG2280-027MBLCS	WCG2280-027MBLCS
MS	BRMW-05MS	887316-002MS
MSD	BRMW-05MSD	887316-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-05	887316-002	MB	BRMW-05A	887316-003	MB
BRMW-02A	887316-004	MB	BRMW-05B	887316-005	MB
BRMW-02	887316-006	MB	BRMW-07	887316-007	MB
BRMW-11	887316-008	MB	DU-07302	887316-009	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%														
Nitrogen, Nitrate	<	0.085	1.6	1.5	93.8	—	—	—	—	90	110	20	887316-002	0.85	1.6	2.3	88.1	N	1.6	2.3	93.1	3.5	90	110	20		

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 8/28/2007

QC Batch Number: 23904



Sample Condition Upon Receipt

Client Name: RMT, Inc

Project # 887316

Courier: [X] Fed Ex [] UPS [] USPS [] Client [] Commercial [] Pace Other

Tracking #: _____



Custody Seal on Cooler/Box Present: [] yes [X] no Seals intact: [] yes [] no

Packing Material: [] Bubble Wrap [X] Bubble Bags [] None [] Other

Thermometer Used JB Type of Ice: Wet Blue None [] Samples on ice, cooling process has begun

Cooler Temperature 30C Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and initials of person examining contents: 8-16-07 AB 8/16/07

Table with 16 rows of inspection criteria and checkboxes. Includes items like Chain of Custody Present, Samples Arrived within Hold Time, and Containers Intact.

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review:

AA for TN

Date:

8/29/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

(Please Print Clearly)

UPPER MIDWEST REGION

Page 1 of 1

MN: 612-607-1700 WI: 920-469-2436

Company N: **RMT, Inc**
 Branch/Location: **Greenville, SC.**
 Project Contact: **Britney Barnes**
 Phone: **(864) 281-0030**
 Project Number: **71238.32 T.3**
 Project Name: **Breezeale**
 Project State: **S.C.**
 Sampled By (Print): **Bill medlin**
 Sampled By (Sign): *Bill medlin*



COC No.

28953

CHAIN OF CUSTODY

*Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested
N	B	TCL 3.4 Method
N	A	KOC's 826DR
N	D	Method 800.0
		nitrate
		Method 6010/6020
		Ints. Ca, Fe, Mn

Quote #:		
Mail To Contact:		
Mail To Company:		
Mail To Address:		
Invoice To Contact:		
Invoice To Company:		
Invoice To Address:		
Invoice To Phone:		
CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	0 = Number of bottles	
	48 hrs. HI for nitrate	

Data Package Options (billable)
 EPA Level III
 EPA Level IV

MS/MSD
 On your sample (billable)
 NOT needed on your sample

Matrix Codes
 A = Air W = Water
 B = Biota DW = Drinking Water
 C = Charcoal GW = Ground Water
 O = Oil SW = Surface Water
 S = Soil WW = Waste Water
 SI = Sludge WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION		MATRIX
		DATE	TIME	
001	TBLK-07304			
002	BRmw-05	8/15	1030	GW
003	BRmw-05A	8/15	1145	GW
004	BRmw-02A	8/15	1415	GW
005	BRmw-05B	8/15	1430	GW
006	BRmw-02	8/15	1530	GW
007	BRmw-07	8/15	1615	GW
008	BRmw-11	8/15		SW
009	DY-07302			GW

Rush Turnaround Time Requested - Prelims (Rush TAT subject to approval/surcharge) Date Needed:	Relinquished By: <i>Bill medlin</i> Date/Time: <i>8/15/07 1730</i>	Received By: <i>Kent Ashby</i> Date/Time: <i>8/15/07 1730</i>	PACE Project No. 887316 Receipt Temp = 3 °C Sample Receipt pH PK1 Adjusted Cooler Custody Seal Present / NOT Present Intact / Not Intact
Transmit Prelim Rush Results by (complete what you want):	Relinquished By: <i>Shipped FedEx #8596</i> Date/Time: <i>8/15/07 1835</i>	Received By: <i>FED EX</i> Date/Time: <i>8-15-07 1835</i>	
Email #1:	Relinquished By: <i>FED EX</i> Date/Time: <i>8-15-07 1010</i>	Received By: <i>Stanley Busby</i> Date/Time: <i>8-15-07 1010</i>	
Email #2:	Relinquished By:	Received By:	
Telephone:	Relinquished By:	Received By:	
Fax:	Relinquished By:	Received By:	

Project Name: BREAZEALE SITE

File

Project Number: 71238.32

RMT - GREENVILLE
ATTN: MARK BAILEY
30 Patewood Drive
Suite 100
GREENVILLE SC 29615-3535

Attached are the following for Batch Number: 887369

- Organic
- Inorganic
- QC Data
- Diskette

Ship By: First Class Mail FedEx
 Priority Mail Other: _____

Comments:

QC
-HT, temp, COC, methods, del, pres, CIL ✓
-TBK ✓ Level 2 QC ✓
~~Due to defect in m3ek, the following samples should be flagged "u" as unconfirmed~~
detection: Calcium = PM-15, 1D, 2S, 2D, 3S, 3D, 4S, 4D
Iron = PM-15, 2D, 3D, 4D,
Zn = 15, 1D, 2S, 2D, 3D

If you have any questions please call your Client Manager: **Tod Noltemeyer**

MSAD =
NH₃ PM-15
VOC 2M-1D
NO₃ 2M-4D ✓

09/10/07



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 887369

Client: RMT - GREENVILLE

Lab Contact: Tod Noltemeyer

Project Name: BREAZEALE SITE

Project Number: 71238.32

Lab Sample Number	Field ID	Matrix	Collection Date
887369-001	TBLK-0730S	WATER	
887369-002	PM-1S	WATER	08/16/07 09:40
887369-003	ZM-1S	WATER	08/16/07 09:45
887369-004	PM-1D	WATER	08/16/07 10:10
887369-005	ZM-1D	WATER	08/16/07 10:15
887369-006	PM-2S	WATER	08/16/07 10:40
887369-007	ZM-2S	WATER	08/16/07 10:35
887369-008	PM-2D	WATER	08/16/07 11:10
887369-009	ZM-2D	WATER	08/16/07 11:15
887369-010	PM-3S	WATER	08/16/07 11:40
887369-011	ZM-3S	WATER	08/16/07 12:15
887369-012	PM-3D	WATER	08/16/07 12:20
887369-013	ZM-3D	WATER	08/16/07 12:45
887369-014	PM-4S	WATER	08/16/07 13:00
887369-015	ZM-4S	WATER	08/16/07 13:15
887369-016	PM-4D	WATER	08/16/07 13:40
887369-017	ZM-4D	WATER	08/16/07 13:55

COCS - SIGNED, TEMP OK

TBLK - METHYLENE CHLORIDE ~~AT~~ AT
0.00083 J mg/L. NOT
DETECTED IN OTHER
SAMPLES. NO FLAGS ADDED

WOC - METHOD BLANK CLEAN, LCS & LCSD-
RECS AND RPDs - OK,
MS & MSD - RECS & RPDs - OK,
SURR - RECS OK

INORGANICS - LCS - RECS OK,
MS & MSD - RECS & RPDs OK,
METHOD BLANKS - NITRATE
CLEAN, Ca @ 180 J ug/L
Fe @ 6.1 J ug/L
Mn @ 0.74 ug/L

- "u" FLAG ASSIGNED TO CALCIUM IN PM-1S, PM-1D,
PM-2S, PM-2D, PM-3S, PM-3D, PM-4S AND PM-4D
- "u" FLAG ASSIGNED TO IRON IN PM-1S, ZM-1S, PM-1D, ZM-1D,
ZM-2S, PM-2D, ZM-2D, PM-3D, ZM-3D, PM-4D AND ZM-4D

GJH 9-10-07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

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Alice [Signature] for Tod N
Approval Signature

9/7/07
Date

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Matrix Type : WATER

Project Name : BREAZEALE SITE

Collection Date :

Project Number : 71238.32

Report Date : 09/07/07

Field ID : TBLK-0730S

Lab Sample Number : 887369-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/20/07 12:14 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Methylene Chloride	0.83	J 1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 12:14 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	100	64 132	1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	105	73 127	1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68 122	1	%		08/20/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-1S

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	480	B 500	1	ug/L	A	09/04/07 06:10 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Iron	15	B 50	1	ug/L	A	09/04/07 06:10 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Manganese	460	1.0	1	ug/L		09/04/07 06:10 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Nitrogen, Nitrate	0.66	0.40	1	mg/L		08/17/07 05:50 PM	EPA 300.0	EPA 300.0
Prep Date/Time: Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/20/07 12:59 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	3.2	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Trichloroethene	15	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 12:59 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	102	64	132	1	%	08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	111	73	127	1	%	08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	1	%	08/20/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-1S

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1200	500	1	ug/L	A	09/04/07 06:28 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Iron	8.6	B 50	1	ug/L	A	09/04/07 06:28 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Manganese	490	1.0	1	ug/L		09/04/07 06:28 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Nitrogen, Nitrate	1.6	0.40	1	mg/L		08/17/07 06:04 PM	EPA 300.0	EPA 300.0
Prep Date/Time: Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/20/07 6:15 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	2.4	2.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Butanone	< 5.0	5.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
z-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	170	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Trichloroethene	160	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 6:15 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

Bromofluorobenzene	101	64	132	1	%	08/20/07	SW846 5030B	SW846 8260B
oluene-d8	108	73	127	1	%	08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	107	68	122	1	%	08/20/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-1D

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	610	500	1	ug/L	A	09/04/07 06:52 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM	Anl By: AWH	
Iron	30	B 50	1	ug/L	A	09/04/07 06:52 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM	Anl By: AWH	
Manganese	36	1.0	1	ug/L		09/04/07 06:52 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM	Anl By: AWH	
Nitrogen, Nitrate	0.63	0.40	1	mg/L		08/17/07 06:18 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/20/07 1:21 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 1:21 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	101	64	132	1	%	08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	107	73	127	1	%	08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	1	%	08/20/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-1D

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	2200	500	1	ug/L	A	09/04/07 06:58 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Iron	15	B 50	1	ug/L	A	09/04/07 06:58 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Manganese	240	1.0	1	ug/L		09/04/07 06:58 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Nitrogen, Nitrate	0.57	0.40	1	mg/L		08/17/07 06:32 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/20/07 11:51 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	4.1	2.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Butanone	< 5.0	5.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	68	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Trichloroethene	97	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 11:51 AM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

Bromofluorobenzene	104	64	132	1	%	08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	106	73	127	1	%	08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68	122	1	%	08/20/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-2S

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	150	B 500	1	ug/L	A	09/04/07 07:04 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH		
Iron	2300	50	1	ug/L		09/04/07 07:04 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH		
Manganese	670	1.0	1	ug/L		09/04/07 07:04 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH		
Nitrogen, Nitrate	0.18	B 0.40	1	mg/L		08/17/07 06:46 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 08/20/07 1:44 PM Anl By: SMT		
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	86	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Trichloroethene	180	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 1:44 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

4-Bromofluorobenzene	102	64	132	1	%	08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	108	73	127	1	%	08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	1	%	08/20/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-2S

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	2200	500	1	ug/L	A	09/04/07 07:10 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Iron	12	B 50	1	ug/L	A	09/04/07 07:10 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Manganese	580	1.0	1	ug/L		09/04/07 07:10 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Nitrogen, Nitrate	0.84	0.40	1	mg/L		08/17/07 07:01 PM	EPA 300.0	EPA 300.0
Prep Date/Time: Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Prep Date/Time: 08/20/07 2:06 PM Anl By: SMT								
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Butanone	< 5.0	5.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	62	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Trichloroethene	94	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 2:06 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
Bromofluorobenzene	101	64 132	1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	109	73 127	1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68 122	1	%		08/20/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client: RMT - GREENVILLE
Project Name: BREAZEALE SITE
Project Number: 71238.32
Field ID: PM-2D

Matrix Type: WATER
Collection Date: 08/16/07
Report Date: 09/07/07
Lab Sample Number: 887369-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	250	B 500	1	ug/L	A	09/04/07 07:16 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Iron	16	B 50	1	ug/L	A	09/04/07 07:16 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Manganese	86	1.0	1	ug/L		09/04/07 07:16 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Nitrogen, Nitrate	0.46	0.40	1	mg/L		08/17/07 07:15 PM	EPA 300.0	EPA 300.0
Prep Date/Time: Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/20/07 2:29 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Bromofom	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Chlorofom	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	16	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Trichloroethene	75	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 2:29 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	102	64	132	1	%	08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	108	73	127	1	%	08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	1	%	08/20/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-2D

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1200	500	1	ug/L	A	09/04/07 07:22 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Iron	4.4	B 50	1	ug/L	A	09/04/07 07:22 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Manganese	46	1.0	1	ug/L		09/04/07 07:22 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Nitrogen, Nitrate	0.64	0.40	1	mg/L		08/17/07 07:57 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/20/07 2:52 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Butanone	< 5.0	5.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	46	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Trichloroethene	64	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 2:52 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

Bromofluorobenzene	103	64	132	1	%	08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	106	73	127	1	%	08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	108	68	122	1	%	08/20/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEAL SITE
Project Number : 71238.32
Field ID : PM-3S

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-010

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	96	B 500	1	ug/L	A	09/04/07 07:29 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH		
Iron	64	50	1	ug/L	A	09/04/07 07:29 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH		
Manganese	760	1.0	1	ug/L		09/04/07 07:29 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH		
Nitrogen, Nitrate	0.23	B 0.40	1	mg/L		08/17/07 08:11 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 08/21/07 10:13 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 5.0	5.0	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
2-Butanone	< 12	12	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 12	12	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 12	12	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Acetone	< 12	12	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Benzene	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Bromoform	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Bromomethane	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Chloroethane	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Chloroform	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Chloromethane	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Styrene	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	110	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Toluene	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Trichloroethene	320	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 2.5	2.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 7.5	7.5	2.5	ug/L		08/21/07 10:13 AM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

4-Bromofluorobenzene	101	64	132	2.5	%	08/21/07	SW846 5030B	SW846 8260B
Toluene-d8	108	73	127	2.5	%	08/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	103	68	122	2.5	%	08/21/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-3S

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-011

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	3000	2500	5	ug/L	A	09/05/07 01:58 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: MSB								
Iron	21000	250	5	ug/L		09/05/07 01:58 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: MSB								
Manganese	1200	5.0	5	ug/L		09/05/07 01:58 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: MSB								
Nitrogen, Nitrate	1.3	0.40	1	mg/L		08/17/07 08:26 PM	EPA 300.0	EPA 300.0
Prep Date/Time: Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/21/07 9:50 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Butanone	< 5.0	5.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Acetone	5.2	5.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	3.7	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Trichloroethene	1.7	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/21/07 9:50 AM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

Bromofluorobenzene	101	64	132	1	%	08/21/07	SW846 5030B	SW846 8260B
Toluene-d8	108	73	127	1	%	08/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	1	%	08/21/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-3D

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-012

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	190	B 500	1	ug/L	A	09/04/07 07:41 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Iron	8.3	B 50	1	ug/L	A	09/04/07 07:41 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Manganese	44	1.0	1	ug/L		09/04/07 07:41 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Nitrogen, Nitrate	0.62	0.40	1	mg/L		08/17/07 08:40 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 3:59 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	101	64 132	1	%		08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	109	73 127	1	%		08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68 122	1	%		08/20/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-3D

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-013

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1300	500	1	ug/L	A	09/04/07 07:59 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Iron	3.6	B 50	1	ug/L	A	09/04/07 07:59 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Manganese	53	1.0	1	ug/L		09/04/07 07:59 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Nitrogen, Nitrate	0.70	0.40	1	mg/L		08/17/07 08:54 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/20/07 4:22 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	J 2.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
-Butanone	< 5.0	5.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	62	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Trichloroethene	65	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 4:22 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

Bromofluorobenzene	100	64	132	1	%	08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	108	73	127	1	%	08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	1	%	08/20/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-4S

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-014

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	380	B 500	1	ug/L	A	09/04/07 08:05 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Iron	110	50	1	ug/L	A	09/04/07 08:05 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Manganese	240	1.0	1	ug/L		09/04/07 08:05 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Nitrogen, Nitrate	0.24	B 0.40	1	mg/L		08/17/07 09:08 PM	EPA 300.0	EPA 300.0
Prep Date/Time: Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/21/07 10:36 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 20	20	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
2-Butanone	< 50	50	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 50	50	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 50	50	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Acetone	< 50	50	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Benzene	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Bromoform	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Bromomethane	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Chloroethane	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Chloroform	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Chloromethane	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Styrene	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	740	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Toluene	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Trichloroethene	1600	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 10	10	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 30	30	10	ug/L		08/21/07 10:36 AM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

4-Bromofluorobenzene	101	64	132	10	%	08/21/07	SW846 5030B	SW846 8260B
Toluene-d8	107	73	127	10	%	08/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	10	%	08/21/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-4S

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-015

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1100	500	1	ug/L	A	09/04/07 08:11 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Iron	< 50	50	1	ug/L	A	09/04/07 08:11 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Manganese	330	1.0	1	ug/L		09/04/07 08:11 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Nitrogen, Nitrate	0.95	0.40	1	mg/L		08/17/07 09:22 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	3.5	2.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
-Butanone	< 5.0	5.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	88	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Trichloroethene	52	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 5:07 PM	SW846 5030B	SW846 8260B

Surrogate	LCL	UCL						
-Bromofluorobenzene	103	64	132	1	%	08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	110	73	127	1	%	08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	106	68	122	1	%	08/20/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-4D

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-016

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	500	500	1	ug/L	A	09/04/07 08:17 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Iron	19	B 50	1	ug/L	A	09/04/07 08:17 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Manganese	32	1.0	1	ug/L		09/04/07 08:17 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/04/07 09:50 AM Anl By: AWH								
Nitrogen, Nitrate	0.56	0.40	1	mg/L		08/17/07 09:37 PM	EPA 300.0	EPA 300.0
Prep Date/Time: Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/20/07 5:30 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	31	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Trichloroethene	76	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 5:30 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

4-Bromofluorobenzene	99	64	132	1	%	08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	108	73	127	1	%	08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68	122	1	%	08/20/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 887369

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-4D

Matrix Type : WATER
Collection Date : 08/16/07
Report Date : 09/07/07
Lab Sample Number : 887369-017

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1500	500	1	ug/L	A	09/04/07 08:23 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Iron	30	B 50	1	ug/L	A	09/04/07 08:23 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Manganese	64	1.0	1	ug/L		09/04/07 08:23 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/04/07 09:50 AM		Anl By: AWH
Nitrogen, Nitrate	0.75	0.40	1	mg/L		08/17/07 09:51 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 08/20/07 5:52 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
2-Dichloropropane	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Butanone	< 5.0	5.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	60	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Trichloroethene	69	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		08/20/07 5:52 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

Bromofluorobenzene	100	64	132	1	%	08/20/07	SW846 5030B	SW846 8260B
Toluene-d8	108	73	127	1	%	08/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68	122	1	%	08/20/07	SW846 5030B	SW846 8260B

Lab Number	TestGroupID	Field ID	Comment
887369-	M-CA-W	All Samples	A - Analyte is detected in the method blank at a concentration of 180 ug/L. This flag applies to sample -002 to -010 and -012 to -017.
887369-	M-FE-W	All Samples	A - Analyte is detected in the method blank at a concentration of 6.1 ug/L. This flag applies to samples -002 to -005, -007 to -010, and -012 to -017.
887369-011	M-CA-W	ZM-3S	A - Analyte is detected in the method blank at a concentration of 180 ug/L.

Qualifier Codes

Flag	Applies To	Explanation
	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
\	Organic	Sample received overweight.
∩	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
∩	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	887369-001	887369-002	887369-003	887369-004	887369-005	887369-006	887369-007	887369-008	887369-009	887369-010	887369-011	887369-012	887369-013	887369-014	887369-015	887369-016	887369-017
CALCIUM	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
IRON	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
MANGANESE	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

Code	SC Certification
B	83006001
G	83006001

Batch: 887369
Lab Section: METALS
QC Batch Number: 24372
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2288-25	MBWMTG2288-25
LCS	LCSWMTG2288-25	LCSWMTG2288-25
MS	PM-1SMS	887369-002MS
MSD	PM-1SMSD	887369-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PM-1S	887369-002	MB	ZM-1S	887369-003	MB
PM-1D	887369-004	MB	ZM-1D	887369-005	MB
PM-2S	887369-006	MB	ZM-2S	887369-007	MB
PM-2D	887369-008	MB	ZM-2D	887369-009	MB
PM-3S	887369-010	MB	ZM-3S	887369-011	MB
PM-3D	887369-012	MB	ZM-3D	887369-013	MB
PM-4S	887369-014	MB	ZM-4S	887369-015	MB
PM-4D	887369-016	MB	ZM-4D	887369-017	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Calcium	J	180	10000.0	10090	100.9	—	—	—	—	—	80	120	20	887369-002	481.200	10000.0	10220	97.4	10000.0	9948	94.7	2.7	75	125	20		
Iron	J	6.1	10000	9762	97.6	—	—	—	—	—	80	120	20	887369-002	15.440	10000	9502	94.9	10000	9374	93.6	1.4	75	125	20		
Manganese	J	0.74	200.0	194.7	97.3	—	—	—	—	—	80	120	20	887369-002	460.8	200.0	621.3	80.2	200.0	636.6	87.9	2.4	75	125	20		

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/7/2007

QC Batch Number: 24372

Batch: 887369
Lab Section: VOA
QC Batch Number: 23941
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2291-04MB	vog2291-04MB
MB2	vog2291-04MB2	vog2291-04MB2
LCS	vog2291-04LCS	vog2291-04LCS
LCSD	vog2291-04LCSD	vog2291-04LCSD
MS	ZM-1DMS	887369-005MS
MSD	ZM-1DMSD	887369-005MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
TBLK-0730S	887369-001	MB	PM-1S	887369-002	MB
ZM-1S	887369-003	MB	PM-1D	887369-004	MB
ZM-1D	887369-005	MB	PM-2S	887369-006	MB
ZM-2S	887369-007	MB	PM-2D	887369-008	MB
ZM-2D	887369-009	MB	PM-3S	887369-010	MB
ZM-3S	887369-011	MB	PM-3D	887369-012	MB
ZM-3D	887369-013	MB	PM-4S	887369-014	MB
ZM-4S	887369-015	MB	PM-4D	887369-016	MB
ZM-4D	887369-017	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%														
1,1,1-Trichloroethane	< 0.9	50.0	56.8	114	50.0	54.6	109	3.9	75	128	20	887369-005	< 0.9	50.0	55.7	111	50.0	56.8	114	2.0	70	130	30				
1,1,2,2-Tetrachloroethane	< 0.2	50.0	46.1	92	50.0	47	94	1.9	67	125	20	887369-005	< 0.2	50.0	47.2	94	50.0	45.7	91	3.3	70	130	30				
1,1,2-Trichloroethane	< 0.42	50.0	50.6	101	50.0	50.2	100	1.0	75	125	20	887369-005	< 0.42	50.0	50.4	101	50.0	50.8	102	0.7	70	130	30				
1,1-Dichloroethane	< 0.75	50.0	49.7	99	50.0	49.8	100	0.3	71	130	20	887369-005	< 0.75	50.0	48.9	98	50.0	51.6	103	5.3	70	130	30				
1,1-Dichloroethene	< 0.57	50.0	51.9	104	50.0	51	102	1.8	75	125	20	887369-005	< 0.57	50.0	49.6	99	50.0	52.6	105	5.8	70	135	30				
1,2-Dichloroethane	< 0.36	50.0	51.8	104	50.0	50.2	100	3.1	71	132	20	887369-005	< 0.36	50.0	51.9	104	50.0	53.5	107	3.0	70	130	30				
1,2-Dichloroethene, Total	< 1.4	100.0	100.5	100	100.0	99.2	99	1.3	75	125	20	887369-005	4.114	100.0	105.1	101	100.0	106.9	103	1.8	70	130	30				
1,2-Dichloropropane	< 0.46	50.0	50.3	101	50.0	49.8	100	1.0	73	125	20	887369-005	< 0.46	50.0	50.1	100	50.0	50.5	101	0.9	70	130	30				
2-Butanone	< 4.3	50.0	45.9	92	50.0	47.1	94	2.7	59	130	20	887369-005	< 4.3	50.0	42.9	86	50.0	48.1	96	11.4	51	130	30				
2-Hexanone	< 1.1	50.0	44.6	89	50.0	42.6	85	4.5	51	125	20	887369-005	< 1.1	50.0	44.8	90	50.0	43.7	87	2.6	53	130	30				
4-Methyl-2-pentanone	< 1.2	50.0	45.9	92	50.0	43.7	87	4.7	59	125	20	887369-005	< 1.2	50.0	45	90	50.0	44.1	88	2.0	62	130	30				
Acetone	< 2.3	50.0	43.5	87	50.0	37	74	16.3	31	150	20	887369-005	< 2.2	50.0	37.4	75	50.0	39.6	79	5.8	42	132	30				
Benzene	< 0.41	50.0	48.8	98	50.0	47.9	96	1.8	75	125	20	887369-005	< 0.41	50.0	47.8	96	50.0	49.1	98	2.8	70	130	30				
Bromodichloromethane	< 0.56	50.0	56.3	113	50.0	54.9	110	2.5	75	125	20	887369-005	< 0.56	50.0	56.6	113	50.0	54.4	109	3.8	70	130	30				
Bromoform	< 0.94	50.0	52.7	105	50.0	51.1	102	3.1	75	125	20	887369-005	< 0.94	50.0	51	102	50.0	49.8	100	2.4	70	130	30				
Bromomethane	< 0.91	50.0	54.5	109	50.0	55	110	0.9	66	125	20	887369-005	< 0.91	50.0	54.8	110	50.0	54.4	109	0.9	63	147	30				
Carbon Disulfide	< 0.66	50.0	52.9	106	50.0	52.5	105	0.7	71	128	20	887369-005	< 0.66	50.0	52	104	50.0	53.3	107	2.5	56	142	30				

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/7/2007

QC Batch Number: 23941

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits			
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD	
											%	%	%															
Carbon Tetrachloride	< 0.49	50.0	58	116		50.0	56.9	114	1.9		75	125	20	887369-005	< 0.49	50.0	57.1	114		50.0	57.4	115		0.6		70	131	30
Chlorobenzene	< 0.41	50.0	52.8	106		50.0	52.9	106	0.1		75	125	20	887369-005	< 0.41	50.0	52.3	105		50.0	53.1	106		1.4		70	130	30
Chlorodibromomethane	< 0.81	50.0	52.8	106		50.0	51.7	103	2.1		75	125	20	887369-005	< 0.81	50.0	53.6	107		50.0	52.7	105		1.6		70	130	30
Chloroethane	< 0.97	50.0	49.9	100		50.0	50.7	101	1.5		72	126	20	887369-005	< 0.97	50.0	50.3	101		50.0	52.2	104		3.7		67	138	30
Chloroform	< 0.37	50.0	52.8	106		50.0	52	104	1.6		75	125	20	887369-005	< 0.37	50.0	51.9	104		50.0	53.4	107		2.8		70	130	30
Chloromethane	< 0.24	50.0	46.2	92		50.0	46.3	93	0.2		46	143	20	887369-005	< 0.24	50.0	43.8	88		50.0	44.6	89		2.0		43	150	30
cis-1,3-Dichloropropene	< 0.19	50.0	51.3	103		50.0	51	102	0.6		75	125	20	887369-005	< 0.19	50.0	51	102		50.0	50.7	101		0.5		70	130	30
Ethylbenzene	< 0.54	50.0	53.9	108		50.0	54.5	109	1.1		75	125	20	887369-005	< 0.54	50.0	54.3	109		50.0	55.3	111		1.7		70	138	30
Methylene Chloride	< 0.43	50.0	50.2	100		50.0	49.9	100	0.7		75	125	20	887369-005	< 0.43	50.0	49.3	99		50.0	51	102		3.4		70	130	30
Styrene	< 0.86	50.0	55.1	110		50.0	55.5	111	0.7		75	125	20	887369-005	< 0.86	50.0	54.6	109		50.0	54.9	110		0.6		70	130	30
Tetrachloroethene	< 0.45	50.00	55.5	111		50.00	56.1	112	1.1		75	130	20	887369-005	68.19	50.00	123.3	110		50.00	126.6	117		2.7		70	130	30
Toluene	< 0.67	50.0	52.1	104		50.0	52.2	104	0.2		75	125	20	887369-005	< 0.67	50.0	52.6	105		50.0	53.1	106		0.9		70	130	30
trans-1,3-Dichloropropene	< 0.19	50.0	53.3	107		50.0	54.1	108	1.5		75	125	20	887369-005	< 0.19	50.0	53.7	107		50.0	53.9	108		0.5		70	130	30
Trichloroethene	< 0.48	50.00	55.2	110		50.00	53.7	107	2.8		75	125	20	887369-005	96.54	50.00	152.1	111		50.00	151	109		0.7		70	130	30
Vinyl Chloride	< 0.18	50.0	46.3	93		50.0	46	92	0.8		65	130	20	887369-005	< 0.18	50.0	45.3	91		50.0	46.2	92		1.8		62	138	30
Xylene, Total	< 2.6	150.0	160.4	107		150.0	162.4	108	1.2		75	125	20	887369-005	< 2.6	150.0	161.7	108		150.0	163.7	109		1.2		70	130	30
4-Bromofluorobenzene	101%	—	—	107		—	—	107	—		64	132	—	887369-005	104%	—	—	104		—	—	106		—		64	132	—
Toluene-d8	106%	—	—	108		—	—	106	—		73	127	—	887369-005	106%	—	—	107		—	—	110		—		73	127	—
Dibromofluoromethane	100%	—	—	102		—	—	101	—		68	122	—	887369-005	105%	—	—	102		—	—	107		—		68	122	—

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/7/2007

QC Batch Number: 23941

Batch: 887369
Lab Section: WETCHEM
QC Batch Number: 23933
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2280-030MB	WCG2280-030MB
LCS	WCG2280-030MBLCS	WCG2280-030MBLCS
MS	ZM-4DMS	887369-017MS
MS	887340-001MS	887340-001MS
MSD	ZM-4DMSD	887369-017MSD
MSD	887340-001MSD	887340-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PM-1S	887369-002	MB	ZM-1S	887369-003	MB
PM-1D	887369-004	MB	ZM-1D	887369-005	MB
PM-2S	887369-006	MB	ZM-2S	887369-007	MB
PM-2D	887369-008	MB	ZM-2D	887369-009	MB
PM-3S	887369-010	MB	ZM-3S	887369-011	MB
PM-3D	887369-012	MB	ZM-3D	887369-013	MB
PM-4S	887369-014	MB	ZM-4S	887369-015	MB
PM-4D	887369-016	MB	ZM-4D	887369-017	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS/ LCS/ LCS/ RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits			
			Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD	
							%	%	%								%	%	%		%	%	%	%
Nitrogen, Nitrate	< 0.085	1.6	1.6	98.1	—	—	—	—	—	90	110	20	887340-001	< 0.085	1.6	1.6	97.5	1.6	1.6	98.1	0.6	90	110	20
Nitrogen, Nitrate	< 0.085	1.6	1.6	98.1	—	—	—	—	—	90	110	20	887369-017	0.75	1.6	2.2	92.5	1.6	2.2	92.5	0.0	90	110	20

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/7/2007

QC Batch Number: 23933



CHAIN OF CUSTODY RECORD

76825

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
 Phone 864/281-0030 • Fax 864/281-0288

ADV

Project No. **71238.32** Project/Client: **Breazek Site**
 Project Manager/Contact Person: **Mike Parker / Britney Barnes**

Lab No.	Yr. of Date	Time	Sample Station ID
---------	-------------	------	-------------------

Total Number of Containers	MATRIX	Filtered (Yes/No)										Comments:	
		Preserved (Code)											
2		Z											2-40 ml IS
5	GW	3	1	1									2-250 ml p ATD 3-40 ml IS
T	T	3	1	1									
I	I	3	1	1									
I	I	3	1	1									
I	I	3	1	1									
I	I	3	1	1									
I	I	3	1	1									
5	GW	3	1	1									

Analyses Requested
 VOC's TCL 2013
 P.Y. rat. methad 8/26/08
 MTLs: Cu, Fe, Mn, 6010/6020 B

- PRESERVED CODES
 A - NONE
 B - HNO₃
 C - H₂SO₄
 D - NaOH
 E - HCl
 F - METHANOL
 G - _____

SPECIAL INSTRUCTIONS **887369**

SAMPLER Relinquished by (Signature) Bill Madlin Date/Time 8/16/07 1600	Received by (Signature) Ket Ashby Date/Time 8-16-07 1600	HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Turn Around (circle one) Normal <input type="radio"/> Rush <input type="radio"/>
Relinquished by (Signature) Ket Ashby To FedEx Date/Time 8-16-07 1730	Received by (Signature) _____ Date/Time _____		Report Due _____
Relinquished by (Signature) FedEx Date/Time 8-17-07 0950	Received by (Signature) C. Pace Date/Time 8-17-07 0950		(For Lab Use Only) Receipt Temp: 2.5 Receipt pH _____ Temp Blank <input checked="" type="radio"/> Y <input type="radio"/> N (Wet/Metals) OK
Custody Seal: Present/Absent Intact/Not Intact Seal #s _____			



Sample Condition Upon Receipt

Client Name: RMT

Project # 887309

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other Zip Locks

Thermometer Used JB Type of Ice: Blue None Samples on ice, cooling process has begun

Cooler Temperature 2.5

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 8-17-07 cg

Temp should be above freezing to 6°C

Comments: ABV

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Nitrate</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>GW</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>cg</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16. <u>2-40 ml HCL H₂O</u>
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<u>cg 8/16/07</u>
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: RM for TN

Date: 9/7/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

File

Project Name: BREAZEALE SITE
Project Number: 71238.32

RMT - GREENVILLE
ATTN: MARK BAILEY
30 Patewood Drive
Suite 100
GREENVILLE SC 29615-3535

Attached are the following for Batch Number: **888056**

- Organic
- Inorganic
- QC Data
- Diskette

Ship By: First Class Mail FedEx
 Priority Mail Other: US mail

Comments:

If you have any questions please call your Client Manager: **Tod Noltemeyer**

09/28/07



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

File

Analytical Report Number: 888056

Client: RMT - GREENVILLE

Lab Contact: Tod Noltemeyer

Project Name: BREAZEALE SITE

Project Number: 71238.32

Lab Sample Number	Field ID	Matrix	Collection Date
888056-001	TBLK-07306	WATER	09/05/07
888056-002	PM-1S	WATER	09/05/07 10:00
888056-003	ZM-4S	WATER	09/05/07 10:10
888056-004	PM-1D	WATER	09/05/07 10:40
888056-005	ZM-4D	WATER	09/05/07 10:45
888056-006	PM-2S	WATER	09/05/07 11:10
888056-007	PM-2D	WATER	09/05/07 11:40
888056-008	ZM-2S	WATER	09/05/07 12:55
888056-009	PM-3S	WATER	09/05/07 13:20
888056-010	ZM-2D	WATER	09/05/07 13:35
888056-011	PM-3D	WATER	09/05/07 13:50
888056-012	ZM-3D	WATER	09/05/07 14:05
888056-013	PM-4S	WATER	09/05/07 14:20
888056-014	ZM-3S	WATER	09/05/07 14:45
888056-015	PM-4D	WATER	09/05/07 14:50
888056-016	ZM-1S	WATER	09/05/07 15:25
888056-017	ZM-1D	WATER	09/05/07 15:55

COC-SIGNED; TEMP-OK; HT-OK
SURR- RECS OK

BLANKS - METHYLENE CHLORIDE IN
TBLK-07306 @ 3.0 ug/L
- CALCIUM IN METHOD BLANK
@ 69J ug/L
- IRON IN METHOD BLANK
@ 12J ug/L
- MANGANESE IN METHOD BLANKS
AT 0.28J AND 0.44J ug/L

METHYLENE CHLORIDE IS ND IN FIELD
SAMPLES SO NO FLAGS ADDED.

NO FLAGS ADDED TO Ca OR Mn.

Fe ASSIGNED "J" FLAG IN PM-3D,
ZM-3D, PM-4D, ZM-1S, ZM-1D AND
PM-4S

LCS/LCSD - ~~MANGANESE~~ ^{BROMOMETHANE} WAS LOW REC IN
LCS.
- BROMOMETHANE ASSIGNED "J" FLAG
IN ALL PM AND ZM SAMPLES, BUT NOT
TBLK

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

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Alle An

9/28/07

Approval Signature

Date

Page 1 of 29

MS/MSD - NOMINALLY,
^ LOW NITRATE REC IN MS & MSD FOR PM-1S; ACCEPTABLE RECS IN MS & MSD
FOR ZM4D. "J" FLAG ASSIGNED TO NITRATE IN PM-1S.
- LOW Mn REC IN MS & HI RPD'S IN MS/MSD FOR Fe & Mn. "J" FLAG ASSIGNED TO Fe & Mn
IN ALL SAMPLES.

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : TBLK-07306

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 09/07/07 12:11 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Methylene Chloride	3.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 12:11 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	91	64 132	1	%		09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	97	73 127	1	%		09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	91	68 122	1	%		09/07/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-1S

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	390	B 500	1	ug/L		09/25/07 03:31 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM	Anl By: DLB	
Iron	35	B 50	1	ug/L		09/25/07 03:31 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM	Anl By: DLB	
Manganese	440	10	10	ug/L		09/19/07 03:51 AM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM	Anl By: MSB	
Nitrogen, Nitrate	0.67	0.40	1	mg/L	N	09/06/07 08:27 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 09/07/07 12:35 PM	Anl By: SMT	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	3.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Trichloroethene	13	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 12:35 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	91	64 132	1	%		09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	98	73 127	1	%		09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	89	68 122	1	%		09/07/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-4S

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1000	500	1	ug/L	X	09/25/07 03:37 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM		Anl By: DLB
Iron	68	50	1	ug/L	X	09/25/07 03:37 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM		Anl By: DLB
Manganese	240	10	10	ug/L		09/19/07 03:57 AM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM		Anl By: MSB
Nitrogen, Nitrate	1.0	0.40	1	mg/L		09/06/07 09:10 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	2.0	2.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	59	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Trichloroethene	34	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 12:58 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	91	64	132	1	%	09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	97	73	127	1	%	09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	92	68	122	1	%	09/07/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-1D

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	570	500	1	ug/L	X	09/25/07 03:43 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM	Anl By: DLB	
Iron	31	B 50	1	ug/L	X	09/25/07 03:43 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM	Anl By: DLB	
Manganese	33	10	10	ug/L		09/19/07 04:03 AM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM	Anl By: MSB	
Nitrogen, Nitrate	0.65	0.40	1	mg/L		09/06/07 09:24 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 09/07/07 11:47 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 11:47 AM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	92	64	132	1	%	09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	1	%	09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	93	68	122	1	%	09/07/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-4D

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1400	500	1	ug/L	X	09/25/07 03:49 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/14/07 12:45 PM Anl By: DLB								
Iron	5.8	B 50	1	ug/L	X	09/25/07 03:49 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/14/07 12:45 PM Anl By: DLB								
Manganese	57	10	10	ug/L		09/19/07 04:09 AM	SW846 3020A	SW846 6020
Prep Date/Time: 09/14/07 12:45 PM Anl By: MSB								
Nitrogen, Nitrate	0.74	0.40	1	mg/L		09/06/07 09:38 PM	EPA 300.0	EPA 300.0
Prep Date/Time: Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Prep Date/Time: 09/07/07 1:22 PM Anl By: SMT								
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	41	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Trichloroethene	47	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 1:22 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	90	64	132	1	%	09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	97	73	127	1	%	09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	93	68	122	1	%	09/07/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-2S

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	130	B 500	1	ug/L	X	09/25/07 03:55 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM Anl By: DLB		
Iron	1900	50	1	ug/L	X	09/25/07 03:55 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM Anl By: DLB		
Manganese	640	10	10	ug/L		09/19/07 04:15 AM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM Anl By: MSB		
Nitrogen, Nitrate	0.18	B 0.40	1	mg/L		09/06/07 09:52 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 09/07/07 1:46 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	96	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Trichloroethene	180	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 1:46 PM	SW846 5030B	SW846 8260B

Surrogate	LCL UCL							
4-Bromofluorobenzene	90	64	132	1	%	09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	1	%	09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	94	68	122	1	%	09/07/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-2D

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	210	B 500	1	ug/L		09/25/07 04:25 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM		Anl By: DLB
Iron	6.2	B 50	1	ug/L		09/25/07 04:25 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM		Anl By: DLB
Manganese	80	10	10	ug/L		09/19/07 04:21 AM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM		Anl By: MSB
Nitrogen, Nitrate	0.47	0.40	1	mg/L		09/06/07 10:06 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	12	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Trichloroethene	62	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 2:09 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	90	64	132	1	%	09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	1	%	09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	94	68	122	1	%	09/07/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-2S

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	2200	500	1	ug/L		09/25/07 04:37 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM Anl By: DLB		
Iron	15	B 50	1	ug/L		09/25/07 04:37 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM Anl By: DLB		
Manganese	590	10	10	ug/L		09/19/07 04:38 AM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM Anl By: MSB		
Nitrogen, Nitrate	1.1	0.40	1	mg/L		09/06/07 10:49 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 09/07/07 2:33 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	39	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Trichloroethene	58	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 2:33 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

4-Bromofluorobenzene	88	64	132	1	%	09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	1	%	09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	94	68	122	1	%	09/07/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-3S

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	94	B 500	1	ug/L		09/25/07 04:43 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM	Anl By: DLB	
Iron	160	50	1	ug/L		09/25/07 04:43 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM	Anl By: DLB	
Manganese	840	10	10	ug/L		09/19/07 04:44 AM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/14/07 12:45 PM	Anl By: MSB	
Nitrogen, Nitrate	0.22	B 0.40	1	mg/L		09/06/07 11:03 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	1.4	J 2.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	99	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Trichloroethene	290	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 2:57 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	88	64	132	1	%	09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	98	73	127	1	%	09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	93	68	122	1	%	09/07/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-2D

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-010

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1200	500	1	ug/L		09/25/07 04:49 PM	SW846 3020A	SW846 6020
					Prep Date/Time: 09/14/07 12:45 PM Anl By: DLB			
Iron	< 50	50	1	ug/L		09/25/07 04:49 PM	SW846 3020A	SW846 6020
					Prep Date/Time: 09/14/07 12:45 PM Anl By: DLB			
Manganese	36	10	10	ug/L		09/19/07 04:50 AM	SW846 3020A	SW846 6020
					Prep Date/Time: 09/14/07 12:45 PM Anl By: MSB			
Nitrogen, Nitrate	0.62	0.40	1	mg/L		09/06/07 11:17 PM	EPA 300.0	EPA 300.0
					Prep Date/Time: Anl By: GLL			

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 09/07/07 3:20 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	49	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Trichloroethene	68	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 3:20 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

4-Bromofluorobenzene	88	64	132	1	%	09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%	09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	94	68	122	1	%	09/07/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-3D

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-011

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	270	B 500	1	ug/L	A	09/20/07 08:38 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB								
Iron	15	B 50	1	ug/L	N*A	09/20/07 08:38 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB								
Manganese	44	1.0	1	ug/L	N*	09/20/07 08:38 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB								
Nitrogen, Nitrate	0.60	0.40	1	mg/L		09/06/07 11:31 PM	EPA 300.0	EPA 300.0
Prep Date/Time:							Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Prep Date/Time: 09/07/07 3:44 PM Anl By: SMT								
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 3:44 PM	SW846 5030B	SW846 8260B

Surrogate	LCL UCL							
4-Bromofluorobenzene	89	64	132	1	%	09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	98	73	127	1	%	09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	96	68	122	1	%	09/07/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-3D

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-012

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1300	500	1	ug/L	A	09/20/07 08:56 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Iron	18	B 50	1	ug/L	A	09/20/07 08:56 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Manganese	49	1.0	1	ug/L		09/20/07 08:56 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Nitrogen, Nitrate	0.69	0.40	1	mg/L		09/06/07 11:45 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 09/07/07 4:07 PM Anl By: SMT		
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	62	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Trichloroethene	63	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 4:07 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	89	64	132	1	%	09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	97	73	127	1	%	09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68	122	1	%	09/07/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-4S

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-013

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	340	B 500	1	ug/L	A	09/20/07 09:08 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM	Anl By: MSB	
Iron	33	B 50	1	ug/L	A	09/20/07 09:08 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM	Anl By: MSB	
Manganese	240	1.0	1	ug/L		09/20/07 09:08 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM	Anl By: MSB	
Nitrogen, Nitrate	0.24	B 0.40	1	mg/L		09/07/07 12:00 AM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 40	40	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
2-Butanone	< 100	100	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 100	100	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 100	100	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Acetone	< 100	100	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Benzene	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Bromoform	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Bromomethane	< 20	20	20	ug/L	&	09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Chloroethane	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Chloroform	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Chloromethane	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Styrene	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	680	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Toluene	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Trichloroethene	1500	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 20	20	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 60	60	20	ug/L		09/10/07 12:10 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	91	64	132	20	%	09/10/07	SW846 5030B	SW846 8260B
Toluene-d8	97	73	127	20	%	09/10/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	93	68	122	20	%	09/10/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-3S

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-014

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	460	B 500	1	ug/L	A	09/20/07 09:14 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Iron	120	50	1	ug/L	A	09/20/07 09:14 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Manganese	20	1.0	1	ug/L		09/20/07 09:14 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Nitrogen, Nitrate	1.2	0.40	1	mg/L		09/07/07 12:14 AM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 09/10/07 11:46 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Bromoform	3.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	1.9	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/10/07 11:46 AM	SW846 5030B	SW846 8260B

Surrogate	LCL UCL							
4-Bromofluorobenzene	90	64	132	1	%	09/10/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	1	%	09/10/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	94	68	122	1	%	09/10/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-4D

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-015

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	540	500	1	ug/L	A	09/20/07 09:20 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Iron	9.2	B 50	1	ug/L	A	09/20/07 09:20 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Manganese	30	1.0	1	ug/L		09/20/07 09:20 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Nitrogen, Nitrate	0.52	0.40	1	mg/L		09/07/07 12:28 AM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 09/07/07 5:18 PM Anl By: SMT		
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	28	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Trichloroethene	66	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 5:18 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	89	64 132	1	%		09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73 127	1	%		09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	96	68 122	1	%		09/07/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-1S

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-016

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1100	500	1	ug/L	A	09/20/07 09:38 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB								
Iron	5.8	B 50	1	ug/L	A	09/20/07 09:38 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB								
Manganese	430	1.0	1	ug/L		09/20/07 09:38 PM	SW846 3020A	SW846 6020
Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB								
Nitrogen, Nitrate	1.7	0.40	1	mg/L		09/07/07 12:42 AM	EPA 300.0	EPA 300.0
Prep Date/Time: Anl By: GLL								

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 09/07/07 5:42 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	2.4	2.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L	&	09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	200	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Trichloroethene	190	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/07/07 5:42 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

4-Bromofluorobenzene	88	64	132	1	%	09/07/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	1	%	09/07/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68	122	1	%	09/07/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

Analytical Report Number: 888056

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-1D

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/26/07
Lab Sample Number : 888056-017

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1700	500	1	ug/L		09/20/07 09:44 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM		Anl By: MSB
Iron	4.5	B 50	1	ug/L	A	09/20/07 09:44 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM		Anl By: MSB
Manganese	160	1.0	1	ug/L		09/20/07 09:44 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM		Anl By: MSB
Nitrogen, Nitrate	0.74	0.40	1	mg/L		09/07/07 12:56 AM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 10	10	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
2-Butanone	< 25	25	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 25	25	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 25	25	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Acetone	< 25	25	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Benzene	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Bromoform	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Bromomethane	< 5.0	5.0	5	ug/L	&	09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Chloroethane	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Chloroform	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Chloromethane	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Styrene	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	260	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Toluene	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Trichloroethene	490	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 5.0	5.0	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 15	15	5	ug/L		09/10/07 12:33 PM	SW846 5030B	SW846 8260B

Surrogate	LCL	UCL						
4-Bromofluorobenzene	91	64	132	5	%	09/10/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	5	%	09/10/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	94	68	122	5	%	09/10/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

1241 Bellevue Street
Green Bay, WI 54302
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Lab Number	TestGroupID	Field ID	Comment
888056	M-CA-W	All Samples	A - Analyte is detected in the method blank at a concentration of 69 ug/L. This affects samples 888056-011 thru 016.
888056	M-FE-W	All Samples	A - Analyte is detected in the method blank at a concentration of 12 ug/L. This affects samples 888056-011 thru 017.
888056-	M-*W	All Samples	X - Internal standard limits of 30-140% were used. All QC is within limits.

Qualifier Codes

Flag Applies To Explanation

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	888056-001	888056-002	888056-003	888056-004	888056-005	888056-006	888056-007	888056-008	888056-009	888056-010	888056-011	888056-012	888056-013	888056-014	888056-015	888056-016	888056-017
CALCIUM	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
IRON	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
MANGANESE	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

Code	SC Certification
B	83006001
G	83006001

Batch: 888056
Lab Section: METALS
QC Batch Number: 24714
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2288-50	MBWMTG2288-50
LCS	LCSWMTG2288-50	LCSWMTG2288-50
MS	888136-001MS	888136-001MS
MSD	888136-001MSD	888136-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PM-1S	888056-002	MB	ZM-4S	888056-003	MB
PM-1D	888056-004	MB	ZM-4D	888056-005	MB
PM-2S	888056-006	MB	PM-2D	888056-007	MB
ZM-2S	888056-008	MB	PM-3S	888056-009	MB
ZM-2D	888056-010	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%								Conc	%	C		Conc	%	C
Calcium	< 10	10000.0	9850	98.5		---	---	---	---	75	125	20	888136-001	14080.0	10000.0	23730	96.5		10000.0	24350	102.7		2.6	75	125	20	
Iron	< 2.9	10000.0	9924	99.2		---	---	---	---	75	125	20	888136-001	1409.00	10000.0	11300	98.9		10000.0	11650	102.4		3.1	75	125	20	
Manganese	J 0.44	200.0	182.2	91.1		---	---	---	---	75	125	20	888136-001	6.450	200.0	193	93.3		200.0	189.8	91.7		1.7	75	125	20	

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

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Report Date: 9/26/2007

QC Batch Number: 24714

Batch: 888056
Lab Section: METALS
QC Batch Number: 24797
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2288-53	MBWMTG2288-53
LCS	LCSWMTG2288-53	LCSWMTG2288-53
MS	PM-3DMS	888056-011MS
MSD	PM-3DMSD	888056-011MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PM-3D	888056-011	MB	ZM-3D	888056-012	MB
PM-4S	888056-013	MB	ZM-3S	888056-014	MB
PM-4D	888056-015	MB	ZM-1S	888056-016	MB
ZM-1D	888056-017	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%														
Calcium	J 69	10000	9857	98.6		---	---	---	---	75	125	20	888056-011	272.50	10000	8079	78.1		10000	9863	95.9		19.9		75	125	20
Iron	J 12	10000	9457	94.6		---	---	---	---	75	125	20	888056-011	15.360	10000	7485	74.7		10000	9265	92.5		21.3	*	75	125	20
Manganese	J 0.28	200.0	189.3	94.7		---	---	---	---	75	125	20	888056-011	44.48	200.0	185.2	70.4	N	200.0	228.9	92.2		21.1	*	75	125	20

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Report Date: 9/26/2007

QC Batch Number: 24797

Batch: 888056
Lab Section: VOA
QC Batch Number: 24481
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2291-53MB	vog2291-53MB
MB2	vog2291-53MB2	vog2291-53MB2
LCS	vog2291-53LCS	vog2291-53LCS
LCSD	vog2291-53LCSD	vog2291-53LCSD
MS	PM-1DMS	888056-004MS
MSD	PM-1DMSD	888056-004MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
TBLK-07306	888056-001	MB	PM-1S	888056-002	MB
ZM-4S	888056-003	MB	PM-1D	888056-004	MB
ZM-4D	888056-005	MB	PM-2S	888056-006	MB
PM-2D	888056-007	MB	ZM-2S	888056-008	MB
PM-3S	888056-009	MB	ZM-2D	888056-010	MB
PM-3D	888056-011	MB	ZM-3D	888056-012	MB
PM-4S	888056-013	MB	ZM-3S	888056-014	MB
PM-4D	888056-015	MB	ZM-1S	888056-016	MB
ZM-1D	888056-017	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%								%	%	%		%	%	%
1,1,1-Trichloroethane	< 0.9	50.0	48.5	97	50.0	47.3	95	2.6	75	128	20	888056-004	< 0.9	50.0	47.1	94	50.0	48	96	1.9	70	130	30				
1,1,2,2-Tetrachloroethane	< 0.2	50.0	48.5	97	50.0	51.2	102	5.5	67	125	20	888056-004	< 0.2	50.0	47.1	94	50.0	48.6	97	3.1	70	130	30				
1,1,2-Trichloroethane	< 0.42	50.0	49.7	99	50.0	50.9	102	2.4	75	125	20	888056-004	< 0.42	50.0	49.9	100	50.0	49.2	98	1.6	70	130	30				
1,1-Dichloroethane	< 0.75	50.0	50.7	101	50.0	50.6	101	0.2	71	130	20	888056-004	< 0.75	50.0	49.6	99	50.0	51.7	103	4.1	70	130	30				
1,1-Dichloroethene	< 0.57	50.0	45.1	90	50.0	44.2	88	1.8	75	125	20	888056-004	< 0.57	50.0	43.7	87	50.0	44.5	89	1.8	70	135	30				
1,2-Dichloroethane	< 0.36	50.0	45.8	92	50.0	46.2	92	0.8	71	132	20	888056-004	< 0.36	50.0	44.8	90	50.0	46.2	92	3.1	70	130	30				
1,2-Dichloroethene, Total	< 1.4	100.0	101.1	101	100.0	100.2	100	0.8	75	125	20	888056-004	< 1.4	100.0	101.7	102	100.0	102	102	0.3	70	130	30				
1,2-Dichloropropane	< 0.46	50.0	52.4	105	50.0	51.9	104	1.1	73	125	20	888056-004	< 0.46	50.0	51.7	103	50.0	51.7	103	0.0	70	130	30				
2-Butanone	< 4.3	50.0	44.6	89	50.0	47.5	95	6.2	59	130	20	888056-004	< 4.3	50.0	40.8	82	50.0	41.6	83	2.0	51	130	30				
2-Hexanone	< 1.1	50.0	51	102	50.0	56.3	113	9.9	51	125	20	888056-004	< 1.1	50.0	47.8	96	50.0	49.3	99	3.0	53	130	30				
4-Methyl-2-pentanone	< 1.2	50.0	51.1	102	50.0	56.3	113	9.6	59	125	20	888056-004	< 1.2	50.0	49.3	99	50.0	50.3	101	2.0	62	130	30				
Acetone	< 2.3	50.0	39.8	80	50.0	46.3	93	15.1	31	150	20	888056-004	< 2.2	50.0	41.1	82	50.0	42.7	85	3.8	42	132	30				
Benzene	< 0.41	50.0	50.7	101	50.0	49.9	100	1.6	75	125	20	888056-004	< 0.41	50.0	49.5	99	50.0	50.4	101	1.8	70	130	30				
Bromodichloromethane	< 0.56	50.0	50.2	100	50.0	50.5	101	0.4	75	125	20	888056-004	< 0.56	50.0	48.3	97	50.0	50.4	101	4.2	70	130	30				
Bromoform	< 0.94	50.0	50.2	100	50.0	52.8	106	5.2	75	125	20	888056-004	< 0.94	50.0	50.1	100	50.0	50.7	101	1.1	70	130	30				
Bromomethane	< 0.91	50.0	30.4	61	50.0	31	62	2.0	66	125	20	888056-004	< 0.91	50.0	31.5	63	50.0	33.7	67	6.7	63	147	30				
Carbon Disulfide	< 0.66	50.0	44.7	89	50.0	43.3	87	3.3	71	128	20	888056-004	< 0.66	50.0	43.3	87	50.0	44.2	88	2.2	56	142	30				

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C = QC Code, see Qualifier Sheet

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Report Date: 9/26/2007

QC Batch Number: 24481

QC Summary

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Carbon Tetrachloride	<	0.49	50.0	50.1	100	50.0	49.6	99	1.1	75	125	20	888056-004	<	0.49	50.0	49.5	99	50.0	50.4	101	1.7	70	131	30		
Chlorobenzene	<	0.41	50.0	52	104	50.0	52.1	104	0.3	75	125	20	888056-004	<	0.41	50.0	52	104	50.0	52.4	105	0.8	70	130	30		
Chlorodibromomethane	<	0.81	50.0	50.2	100	50.0	52.5	105	4.5	75	125	20	888056-004	<	0.81	50.0	50.2	100	50.0	50.9	102	1.5	70	130	30		
Chloroethane	<	0.97	50.0	39.6	79	50.0	37.4	75	5.7	72	126	20	888056-004	<	0.97	50.0	38.3	77	50.0	39.3	79	2.6	67	138	30		
Chloroform	<	0.37	50.0	47.3	95	50.0	47.4	95	0.4	75	125	20	888056-004	<	0.37	50.0	46	92	50.0	47.8	96	3.7	70	130	30		
Chloromethane	<	0.24	50.0	33.5	67	50.0	34.1	68	2.0	46	143	20	888056-004	<	0.24	50.0	32.8	66	50.0	33.1	66	0.9	43	150	30		
cis-1,3-Dichloropropene	<	0.19	50.0	50.3	101	50.0	50.5	101	0.5	75	125	20	888056-004	<	0.19	50.0	49.4	99	50.0	50.4	101	1.9	70	130	30		
Ethylbenzene	<	0.54	50.0	54.1	108	50.0	53.6	107	0.9	75	125	20	888056-004	<	0.54	50.0	53.5	107	50.0	54.1	108	1.1	70	136	30		
Methylene Chloride	<	0.43	50.0	43.6	87	50.0	43	86	1.4	75	125	20	888056-004	<	0.43	50.0	42.7	85	50.0	43.9	88	2.8	70	130	30		
Styrene	<	0.86	50.0	51.9	104	50.0	52	104	0.1	75	125	20	888056-004	<	0.86	50.0	52.1	104	50.0	52.1	104	0.1	70	130	30		
Tetrachloroethene	<	0.45	50.0	53.2	106	50.0	53.2	106	0.0	75	130	20	888056-004	<	0.45	50.0	53.9	108	50.0	54.2	108	0.7	70	130	30		
Toluene	<	0.67	50.0	53.2	106	50.0	53	106	0.2	75	125	20	888056-004	<	0.67	50.0	53.6	107	50.0	53.5	107	0.3	70	130	30		
trans-1,3-Dichloropropene	<	0.19	50.0	50.6	101	50.0	51.4	103	1.6	75	125	20	888056-004	<	0.19	50.0	50.1	100	50.0	49.9	100	0.5	70	130	30		
Trichloroethene	<	0.48	50.0	51.6	103	50.0	51.1	102	1.1	75	125	20	888056-004	<	0.48	50.0	51	102	50.0	50.8	102	0.4	70	130	30		
Vinyl Chloride	<	0.18	50.0	38.4	77	50.0	36.9	74	3.8	65	130	20	888056-004	<	0.18	50.0	36.3	73	50.0	37	74	1.9	62	138	30		
Xylene, Total	<	2.6	150.0	163.9	109	150.0	163.4	109	0.3	75	125	20	888056-004	<	2.6	150.0	165.1	110	150.0	165	110	0.1	70	130	30		
4-Bromofluorobenzene		92%	---	---	95	---	---	94	---	64	132	---	888056-004		92%	---	---	95	---	---	95	---	64	132	---		
Toluene-d8		96%	---	---	98	---	---	98	---	73	127	---	888056-004		96%	---	---	100	---	---	98	---	73	127	---		
Dibromofluoromethane		91%	---	---	88	---	---	88	---	68	122	---	888056-004		93%	---	---	88	---	---	89	---	68	122	---		

Conc = ug/L unless otherwise noted

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Report Date: 9/26/2007

QC Batch Number: 24481

QC Summary

Batch: 888056
Lab Section: WETCHEM
QC Batch Number: 24470
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2280-071MB	WCG2280-071MB
LCS	WCG2280-071MBLCS	WCG2280-071MBLCS
MS	ZM-1DMS	888056-017MS
MS	PM-1SMS	888056-002MS
MSD	ZM-1DMSD	888056-017MSD
MSD	PM-1SMSD	888056-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PM-1S	888056-002	MB	ZM-4S	888056-003	MB
PM-1D	888056-004	MB	ZM-4D	888056-005	MB
PM-2S	888056-006	MB	PM-2D	888056-007	MB
ZM-2S	888056-008	MB	PM-3S	888056-009	MB
ZM-2D	888056-010	MB	PM-3D	888056-011	MB
ZM-3D	888056-012	MB	PM-4S	888056-013	MB
ZM-3S	888056-014	MB	PM-4D	888056-015	MB
ZM-1S	888056-016	MB	ZM-1D	888056-017	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS/ LCS/ RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD Control Limits		
			LCS Conc	%	C		LCL	UCL	RPD				MS Conc	%	C		MSD Conc	%	C	LCL	UCL	RPD
							%	%	%										%	%	%	
Nitrogen, Nitrate	< 0.085	1.6	1.5	95.0		90	110	20	888056-002	0.67	1.6	2.1	89.4	N	1.6	2.1	89.4	N	0.0	90	110	20
Nitrogen, Nitrate	< 0.085	1.6	1.5	95.0		90	110	20	888056-017	0.74	1.6	2.2	92.5		1.6	2.2	90.6		1.4	90	110	20

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/26/2007

QC Batch Number: 24470



CHAIN OF CUSTODY RECORD

75769

888056

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No. 71238.32 Project/Client: Brazeale Site
Project Manager/Contact Person: Mike Barlow / Britney Barnes

Lab No.	Yr. <u>07</u> Date	Time	Sample Station ID	Total Number of Containers	MATRIX	
011	9-5	1350	Pm-3D	5	GW	
012	7	1405	Zm-3D	|||||	|||||	
013		1420	Pm-4S			
014		1445	Zm-3S			
015		1450	Pm-4D			
016	1	1525	Zm-1S	5	GW	
017		9-5	1555			Zm-1D	3	1	1

Filtered (Yes/No)									
Preserved (Code)									
Analyses Requested Vol's: Tel 3.0 Nitrate: Method 8240B Nitrite: Method 3800A pH: Ca, Fe, Mn, Cu, Zn, Pb									
PRESERVED CODES A - NONE B - HNO ₃ C - H ₂ SO ₄ D - NaOH E - HCl F - METHANOL G - _____									
Comments:									

* NOTE: Hold time
48 hrs for Nitrate

Sherto
B. Mall

2-250 ml Poly, 3-40 ml L

SPECIAL INSTRUCTIONS

Air B.V # 8555 7577 9069

SAMPLER Relinquished by (Signature) <i>Bill Medlin</i>	Date/Time 1730 9/5/07	Received by (Signature) Fed Ex	Date/Time 1730 9-5-07	HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Turn Around (circle one) Normal Rush
Relinquished by (Signature) Fed Ex	Date/Time 9/6 1020	Received by (Signature) <i>R. Habry</i>	Date/Time 9/6 1020		Report Due _____
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		(For Lab Use Only) Receipt Temp: 2.0°C Temp Blank (Y) N Receipt pH (Wet/Metals) OK

Custody Seal: Present/Absent Intact/Not Intact Seal #s

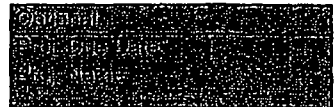


Sample Condition Upon Receipt

Client Name: RMT Project # 888056

Courier: [X] Fed Ex [] UPS [] USPS [] Client [] Commercial [] Pace Other

Tracking #: 8555 7577 9069



Custody Seal on Cooler/Box Present: [] yes [X] no Seals intact: [] yes [] no

Packing Material: [] Bubble Wrap [X] Bubble Bags [] None [] Other

Thermometer Used JB Type of Ice: [X] Wet [] Blue [] None [] Samples on ice, cooling process has begun

Cooler Temperature 2.0°C Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 9/6/07 KJ LS 9/6/07

Temp should be above freezing to 6°C

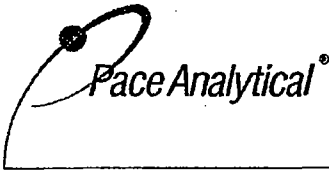
Comments:

Table with 16 rows of checklist items (Chain of Custody Present, Filled Out, Relinquished, etc.) and checkboxes for Yes, No, N/A. Item 6 includes handwritten 'NITRATE'.

Client Notification/ Resolution: Field Data Required? Y / N
Person Contacted: Date/Time:
Comments/ Resolution:

Project Manager Review: AH Date: 9/28/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 888120

Client: RMT - GREENVILLE

Lab Contact: Tod Noltemeyer

Project Name: SANGAMO BREAZEALE

Project Number: 71238.32

Lab Sample Number	Field ID	Matrix	Collection Date
888120-001	TBLK-07307	WATER	09/06/07
888120-002	BRMW-5	WATER	09/06/07 09:00
888120-003	BRMW-5A	WATER	09/06/07 10:25
888120-004	BRMW-5B	WATER	09/06/07 10:40
888120-005	BRMW-11	WATER	09/06/07 11:10
888120-006	BRMW-2	WATER	09/06/07 13:20
888120-007	BRMW-2A	WATER	09/06/07 16:45
888120-008	DU-07303	WATER	09/06/07

• C/C-SIGNED; TEMPERATURE -OK;
HT-OK
• SURR RECS OK
• LCS/LCSD - RECS + RPDS OK
• TBLK⁻⁰⁷³⁰⁷ HAS 0.465 µg/L OF METHYLENE CHLORIDE (CH₂Cl₂).
CH₂Cl₂ NOT DETECTED IN FIELD SAMPLES SO NO FLAGS ADDED.

• MS/MSD - NITRATE RECS + RPDS OK - BATCH QC
- METALS - BATCH QC - LOW RECON Mn MS
WHI RPD ON Fe + Mn. SINCE BATCH QC, NO FLAGS ADDED
- VOCs - BRMW-5 USED FOR MS/MSD - RECS + RPDS OK EXCEPT FOR MS + MSD RECS ON TCE + PCE. PARENT CONCs MORE THAN 4X SPIKE CONC. J¹ FLAG ADDED TO TCE + PCE IN BRMW-5

• METHOD BLANKS CLEAN EXCEPT FOR CALCIUM AT 69.5 µg/L, IRON AT 12.5 µg/L, AND MANGANESE AT 0.285 µg/L

• DU-07303 IS FIELD DUPLICATE OF BRMW-02A. TCE IS ONLY ANALYTE DETECTED IN EACH OF THESE TWO SAMPLES. RPD FOR TCE IN FIELD DUP PAIR IS 7.3%.

9/24 9-26-07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



Alee An

9/25/07

Approval Signature

Date

Client : RMT - GREENVILLE

Project Name : SANGAMO BREAZEALE

Project Number : 71238.32

Field ID : TBLK-07307

Matrix Type : WATER

Collection Date : 09/06/07

Report Date : 09/24/07

Lab Sample Number : 888120-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 09/11/07 11:11 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Bromoforn	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Methylene Chloride	0.46	J 1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/11/07 11:11 AM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	90	64 132	1	%		09/11/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73 127	1	%		09/11/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	95	68 122	1	%		09/11/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE
Project Number : 71238.32
Field ID : BRMW-5

Matrix Type : WATER
Collection Date : 09/06/07
Report Date : 09/24/07
Lab Sample Number : 888120-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	3100	500	1	ug/L		09/20/07 09:50 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Iron	15	B 50	1	ug/L	A	09/20/07 09:50 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Manganese	29	1.0	1	ug/L		09/20/07 09:50 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Nitrogen, Nitrate	0.88	0.40	1	mg/L		09/07/07 07:37 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 09/10/07 9:13 PM Anl By: SMT		
1,1,1-Trichloroethane	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 8.0	8.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
2-Butanone	< 20	20	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 20	20	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 20	20	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Acetone	< 20	20	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Benzene	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Bromoform	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Bromomethane	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Chloroethane	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Chloroform	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Chloromethane	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Styrene	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	220	4.0	4	ug/L	N	09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Toluene	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Trichloroethene	390	4.0	4	ug/L	N	09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 4.0	4.0	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 12	12	4	ug/L		09/10/07 9:13 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	89	64	132	4	%	09/10/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	4	%	09/10/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	4	%	09/10/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE
Project Number : 71238.32
Field ID : BRMW-5A

Matrix Type : WATER
Collection Date : 09/06/07
Report Date : 09/24/07
Lab Sample Number : 888120-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	970	500	1	ug/L	A	09/20/07 09:56 PM	SW846 3020A	SW846 6020
						Prep Date/Time:	09/17/07 10:25 AM	Anl By: MSB
Iron	< 50	50	1	ug/L		09/20/07 09:56 PM	SW846 3020A	SW846 6020
						Prep Date/Time:	09/17/07 10:25 AM	Anl By: MSB
Manganese	8.3	1.0	1	ug/L		09/20/07 09:56 PM	SW846 3020A	SW846 6020
						Prep Date/Time:	09/17/07 10:25 AM	Anl By: MSB
Nitrogen, Nitrate	0.85	0.40	1	mg/L		09/07/07 07:51 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time:	09/10/07 9:36 PM	Anl By: SMT
1,1,1-Trichloroethane	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 10	10	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
2-Butanone	< 25	25	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 25	25	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 25	25	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Acetone	< 25	25	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Benzene	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Bromoform	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Bromomethane	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Chloroethane	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Chloroform	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Chloromethane	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Styrene	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	270	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Toluene	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Trichloroethene	570	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 5.0	5.0	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 15	15	5	ug/L		09/10/07 9:36 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	89	64 132	5	%		09/10/07	SW846 5030B	SW846 8260B
Toluene-d8	95	73 127	5	%		09/10/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68 122	5	%		09/10/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888120

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE
Project Number : 71238.32
Field ID : BRMW-5B

Matrix Type : WATER
Collection Date : 09/06/07
Report Date : 09/24/07
Lab Sample Number : 888120-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	3300	500	1	ug/L		09/20/07 10:02 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Iron	< 50	50	1	ug/L		09/20/07 10:02 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Manganese	0.28	B 1.0	1	ug/L	A	09/20/07 10:02 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Nitrogen, Nitrate	0.98	0.40	1	mg/L		09/07/07 08:05 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Prep Date/Time: 09/10/07 3:42 PM Anl By: SMT								
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/10/07 3:42 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	91	64	132	1	%	09/10/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	1	%	09/10/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68	122	1	%	09/10/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE
Project Number : 71238.32
Field ID : BRMW-11

Matrix Type : WATER
Collection Date : 09/06/07
Report Date : 09/24/07
Lab Sample Number : 888120-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	75	B 500	1	ug/L	A	09/20/07 10:08 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Iron	< 50	50	1	ug/L		09/20/07 10:08 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Manganese	66	1.0	1	ug/L		09/20/07 10:08 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM Anl By: MSB		
Nitrogen, Nitrate	0.38	B 0.40	1	mg/L		09/07/07 08:19 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLL		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 09/10/07 10:00 PM Anl By: SMT		
1,1,1-Trichloroethane	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 50	50	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
2-Butanone	< 120	120	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 120	120	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 120	120	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Acetone	< 120	120	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Benzene	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Bromoform	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Bromomethane	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Chloroethane	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Chloroform	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Chloromethane	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Styrene	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	1400	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Toluene	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Trichloroethene	3400	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 25	25	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 75	75	25	ug/L		09/10/07 10:00 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	89	64	132	25	%	09/10/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	25	%	09/10/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	25	%	09/10/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888120

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE
Project Number : 71238.32
Field ID : BRMW-2

Matrix Type : WATER
Collection Date : 09/06/07
Report Date : 09/24/07
Lab Sample Number : 888120-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	59	B 500	1	ug/L	A	09/20/07 10:14 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM	Anl By: MSB	
Iron	< 50	50	1	ug/L		09/20/07 10:14 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM	Anl By: MSB	
Manganese	200	1.0	1	ug/L		09/20/07 10:14 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM	Anl By: MSB	
Nitrogen, Nitrate	0.17	B 0.40	1	mg/L		09/07/07 08:33 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLL	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 4.0	4.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
2-Butanone	< 10	10	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 10	10	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 10	10	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Acetone	< 10	10	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Benzene	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Bromoform	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Bromomethane	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Chloroethane	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Chloroform	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Chloromethane	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Styrene	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	110	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Toluene	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Trichloroethene	210	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 2.0	2.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 6.0	6.0	2	ug/L		09/11/07 11:35 AM	SW846 5030B	SW846 8260B

Surrogate	LCL	UCL						
1-Bromofluorobenzene	90	64	132	2	%	09/11/07	SW846 5030B	SW846 8260B
Toluene-d8	98	73	127	2	%	09/11/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68	122	2	%	09/11/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE
Project Number : 71238.32
Field ID : BRMW-2A

Matrix Type : WATER
Collection Date : 09/06/07
Report Date : 09/24/07
Lab Sample Number : 888120-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	8600	500	1	ug/L		09/20/07 10:20 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM		Anl By: MSB
Iron	< 50	50	1	ug/L		09/20/07 10:20 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM		Anl By: MSB
Manganese	1.3	1.0	1	ug/L	A	09/20/07 10:20 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM		Anl By: MSB
Nitrogen, Nitrate	0.96	0.40	1	mg/L		09/07/07 08:48 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 09/10/07 4:06 PM		Anl By: SMT
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Trichloroethene	0.57	J 1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/10/07 4:06 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	90	64 132	1	%		09/10/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73 127	1	%		09/10/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	96	68 122	1	%		09/10/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 888120

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE
Project Number : 71238.32
Field ID : DU-07303

Matrix Type : WATER
Collection Date : 09/06/07
Report Date : 09/24/07
Lab Sample Number : 888120-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	9000	500	1	ug/L		09/20/07 10:26 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM		Anl By: MSB
Iron	< 50	50	1	ug/L		09/20/07 10:26 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM		Anl By: MSB
Manganese	1.2	1.0	1	ug/L	A	09/20/07 10:26 PM	SW846 3020A	SW846 6020
						Prep Date/Time: 09/17/07 10:25 AM		Anl By: MSB
Nitrogen, Nitrate	0.96	0.40	1	mg/L		09/07/07 09:02 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLL

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Trichloroethene	0.53	J 1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		09/10/07 6:27 PM	SW846 5030B	SW846 8260B

Surrogate	LCL	UCL						
4-Bromofluorobenzene	90	64	132	1	%	09/10/07	SW846 5030B	SW846 8260B
Toluene-d8	96	73	127	1	%	09/10/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%	09/10/07	SW846 5030B	SW846 8260B

Lab Number	TestGroupID	Field ID	Comment
888120	M-CA-W	All Samples	A - Analyte is detected in the method blank at a concentration of 69 ug/L. This affects samples 888120-003, 005 and 006.
888120	M-MN-W	All Samples	A - Analyte is detected in the method blank at a concentration of 0.28 ug/L. This affects samples 888120-004, 007, and 008.
888120-002	M-FE-W	BRMW-5	A - Analyte is detected in the method blank at a concentration of 12 ug/L.

Qualifier Codes

Flag Applies To Explanation

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	888120-001	888120-002	888120-003	888120-004	888120-005	888120-006	888120-007	888120-008
CALCIUM	B	B	B	B	B	B	B	B
IRON	B	B	B	B	B	B	B	B
MANGANESE	B	B	B	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G	G

Code	SC Certification
B	83006001
G	83006001

QC Summary

Batch: 888120
Lab Section: METALS
QC Batch Number: 24797
Prep Method: SW846 3020A
Analytical Method: SW846 6020

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2288-53	MBWMTG2288-53
LCS	LCSWMTG2288-53	LCSWMTG2288-53
MS	888056-011MS	888056-011MS
MSD	888056-011MSD	888056-011MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-5	888120-002	MB	BRMW-5A	888120-003	MB
BRMW-5B	888120-004	MB	BRMW-11	888120-005	MB
BRMW-2	888120-006	MB	BRMW-2A	888120-007	MB
DU-07303	888120-008	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits			
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD	
											%	%	%													%	%	%
Calcium	J 69	10000	9857	98.6		---	---	---	---	75	125	20	888056-011	272.50	10000	8079	78.1		10000	9863	95.9		19.9			75	125	20
Iron	J 12	10000	9457	94.6		---	---	---	---	75	125	20	888056-011	15.380	10000	7485	74.7		10000	9265	92.5		21.3	*		75	125	20
Manganese	J 0.28	200.0	189.3	94.7		---	---	---	---	75	125	20	888056-011	44.48	200.0	185.2	70.4	N	200.0	228.9	92.2		21.1	*		75	125	20

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/24/2007

QC Batch Number: 24797

Batch: 888120
Lab Section: VOA
QC Batch Number: 24523
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2291-58MB	vog2291-58MB
MB2	vog2291-58MB2	vog2291-58MB2
LCS	vog2291-58LCS	vog2291-58LCS
LCSD	vog2291-58LCSD	vog2291-58LCSD
MS	BRMW-5MS	888120-002MS
MSD	BRMW-5MSD	888120-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
TBLK-07307	888120-001	MB	BRMW-5	888120-002	MB
BRMW-5A	888120-003	MB	BRMW-5B	888120-004	MB
BRMW-11	888120-005	MB	BRMW-2	888120-006	MB
BRMW-2A	888120-007	MB	DU-07303	888120-008	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD			LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD		MS/MSD Control Limits		
			Conc	%	C		Conc	%	C	%	%	%	LCL	UCL	RPD				Conc	%	C		Conc	%	C	%	%	LCL	UCL	RPD
1,1,1-Trichloroethane	< 0.9	50.0	50.9	102	50.0	50.2	100	1.5	75	128	20	888120-002	< 3.6	50.0	49.3	99	50.0	49.2	98	0.0	70	130	30							
1,1,2,2-Tetrachloroethane	< 0.2	50.0	51.2	102	50.0	48.6	97	5.2	67	125	20	888120-002	< 0.8	50.0	47.7	95	50.0	48.3	97	1.2	70	130	30							
1,1,2-Trichloroethane	< 0.42	50.0	51.3	103	50.0	51.4	103	0.2	75	125	20	888120-002	< 1.7	50.0	50.1	100	50.0	49	98	2.2	70	130	30							
1,1-Dichloroethane	< 0.75	50.0	53.6	107	50.0	53.3	107	0.7	71	130	20	888120-002	< 3	50.0	51.5	103	50.0	52.5	105	2.1	70	130	30							
1,1-Dichloroethene	< 0.57	50.0	52	104	50.0	50.5	101	2.9	75	125	20	888120-002	< 2.3	50.0	49.1	98	50.0	49.7	99	1.3	70	135	30							
1,2-Dichloroethane	< 0.36	50.0	50.4	101	50.0	48.5	97	3.7	71	132	20	888120-002	< 1.4	50.0	47.3	95	50.0	47.7	95	0.7	70	130	30							
1,2-Dichloroethene, Total	< 1.4	100.0	107.1	107	100.0	107.3	107	0.1	75	125	20	888120-002	< 5.6	100.0	105.9	106	100.0	105.8	106	0.1	70	130	30							
1,2-Dichloropropane	< 0.46	50.0	54.5	109	50.0	54.2	108	0.6	73	125	20	888120-002	< 1.8	50.0	52.7	105	50.0	52.8	106	0.2	70	130	30							
2-Butanone	< 4.3	50.0	47.5	95	50.0	45.8	92	3.5	59	130	20	888120-002	< 17	50.0	45.5	91	50.0	42.3	85	7.2	51	130	30							
2-Hexanone	< 1.1	50.0	53.5	107	50.0	51.7	103	3.5	51	125	20	888120-002	< 4.4	50.0	50.3	101	50.0	48.9	98	2.9	53	130	30							
4-Methyl-2-pentanone	< 1.2	50.0	56.8	114	50.0	53	106	6.9	59	125	20	888120-002	< 4.8	50.0	51.7	103	50.0	51.9	104	0.4	62	130	30							
Acetone	< 2.3	50.0	53	106	50.0	49.9	100	6.1	31	150	20	888120-002	< 8.8	50.0	47	94	50.0	45.9	92	2.3	42	132	30							
Benzene	< 0.41	50.0	52.4	105	50.0	52.4	105	0.0	75	125	20	888120-002	< 1.6	50.0	51.1	102	50.0	50.5	101	1.0	70	130	30							
Bromodichloromethane	< 0.56	50.0	53.3	107	50.0	52.6	105	1.4	75	125	20	888120-002	< 2.2	50.0	51.3	103	50.0	50.8	102	1.0	70	130	30							
Bromoform	< 0.94	50.0	55.3	111	50.0	53.2	106	3.8	75	125	20	888120-002	< 3.8	50.0	51.9	104	50.0	52.6	105	1.5	70	130	30							
Bromomethane	< 0.91	50.0	37.7	75	50.0	37.9	76	0.5	66	125	20	888120-002	< 3.6	50.0	37.7	75	50.0	39.4	79	4.4	63	147	30							
Carbon Disulfide	< 0.66	50.0	54.3	109	50.0	53.5	107	1.4	71	128	20	888120-002	< 2.6	50.0	50	100	50.0	52.2	104	4.2	56	142	30							
Carbon Tetrachloride	< 0.49	50.0	53.3	107	50.0	53.3	107	0.0	75	125	20	888120-002	< 2	50.0	52.3	105	50.0	52.3	105	0.1	70	131	30							
Chlorobenzene	< 0.41	50.0	54.5	109	50.0	54.6	109	0.2	75	125	20	888120-002	< 1.6	50.0	52.8	106	50.0	52.4	105	0.9	70	130	30							
Chlorodibromomethane	< 0.81	50.0	54	108	50.0	53.4	107	1.3	75	125	20	888120-002	< 3.2	50.0	52.1	104	50.0	52.1	104	0.1	70	130	30							

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/24/2007

QC Batch Number: 24523

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Chloroethane	<	0.97	50.0	49	98	50.0	48.7	97	0.7	72	126	20	888120-002	<	3.9	50.0	46.9	94	50.0	47	94	0.4	67	138	30		
Chloroform	<	0.37	50.0	50.5	101	50.0	50.1	100	0.9	75	125	20	888120-002	<	1.5	50.0	49	98	50.0	49.3	99	0.7	70	130	30		
Chloromethane	<	0.24	50.0	53.9	108	50.0	55.6	111	3.1	46	143	20	888120-002	<	0.96	50.0	52.9	106	50.0	54.5	109	3.0	43	150	30		
cis-1,3-Dichloropropene	<	0.19	50.0	50.8	102	50.0	50.6	101	0.4	75	125	20	888120-002	<	0.76	50.0	48.8	98	50.0	48.7	97	0.2	70	130	30		
Ethylbenzene	<	0.54	50.0	55.2	110	50.0	55.7	111	0.9	75	125	20	888120-002	<	2.2	50.0	53.1	106	50.0	53.4	107	0.6	70	136	30		
Methylene Chloride	<	0.43	50.0	49	98	50.0	47.7	95	2.7	75	125	20	888120-002	<	1.7	50.0	47.4	95	50.0	47	94	0.9	70	130	30		
Styrene	<	0.86	50.0	54.4	109	50.0	54.6	109	0.4	75	125	20	888120-002	<	3.4	50.0	52.4	105	50.0	52.9	106	1.0	70	130	30		
Tetrachloroethene	<	0.45	50.00	54.9	110	50.00	55.6	111	1.3	75	130	20	888120-002		223.3	50.00	313.8	181	N	50.00	324.9	203	N	3.5	70	130	30
Toluene	<	0.67	50.0	55.3	111	50.0	55.5	111	0.4	75	125	20	888120-002	<	2.7	50.0	52.7	105	50.0	53.7	107	2.0	70	130	30		
trans-1,3-Dichloropropene	<	0.19	50.0	51	102	50.0	50.1	100	1.7	75	125	20	888120-002	<	0.76	50.0	48.1	96	50.0	48.4	97	0.7	70	130	30		
Trichloroethene	<	0.48	50.00	53.5	107	50.00	52.9	106	1.1	75	125	20	888120-002		391.5	50.00	467.5	152	N	50.00	481	179	N	2.8	70	130	30
Vinyl Chloride	<	0.18	50.0	52.7	105	50.0	52.1	104	1.3	65	130	20	888120-002	<	0.72	50.0	50.2	100	50.0	50.8	102	1.3	62	138	30		
Xylene, Total	<	2.6	150.0	171.7	114	150.0	171.1	114	0.3	75	125	20	888120-002	<	10	150.0	166.3	111	150.0	166.3	111	0.0	70	130	30		
4-Bromofluorobenzene		91%	---	---	96	---	---	97	---	64	132	---	888120-002		89%	---	---	97	---	---	96	---	64	132	---		
Toluene-d8		96%	---	---	100	---	---	100	---	73	127	---	888120-002		95%	---	---	99	---	---	100	---	73	127	---		
Dibromofluoromethane		92%	---	---	91	---	---	90	---	68	122	---	888120-002		99%	---	---	92	---	---	90	---	68	122	---		

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/24/2007

QC Batch Number: 24523

Batch: 888120
Lab Section: WETCHEM
QC Batch Number: 24506
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2280-074MB	WCG2280-074MB
LCS	WCG2280-074MBLCS	WCG2280-074MBLCS
MS	888106-005MS	888106-005MS
MS	888106-001MS	888106-001MS
MSD	888106-005MSD	888106-005MSD
MSD	888106-001MSD	888106-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-5	888120-002	MB	BRMW-5A	888120-003	MB
BRMW-5B	888120-004	MB	BRMW-11	888120-005	MB
BRMW-2	888120-006	MB	BRMW-2A	888120-007	MB
DU-07303	888120-008	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%														
Nitrogen, Nitrate	< 0.085	1.6	1.5	95.0		--	--	--	--	90	110	20	888106-001	0.19	1.6	1.6	90.6		1.6	1.6	90.0		0.6	90	110	20	
Nitrogen, Nitrate	< 0.085	1.6	1.5	95.0		--	--	--	--	90	110	20	888106-005	< 0.085	1.6	1.6	98.8		1.6	1.6	100.0		1.3	90	110	20	

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/24/2007

QC Batch Number: 24506



CHAIN OF CUSTODY RECORD

✓ 75776
888120

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No: T238.32 Project/Client: Sangamo Breazeale
Project Manager/Contact Person: M. Parker/B. Barnes

Lab No.	Yr.	Date	Time	Sample Station ID	Total Number of Containers	MATRIX
001	—	—	—	TBLK-07307	2	DI
002	9/6	0900		BRMW-5	5)
003	(	1025		BRMW-5A	5
004	(	1040		BRMW-5B	5
005	(	1110		BRMW-11	5
006	(	1320		BRMW-2	5
007	(	1645		BRMW-2A	5
008				DU-07303 - added by lab 9/7 KL		

Filtered (Yes/No)		N		N		N	
Preserved (Code)		E		B		A	
Analyses Requested	VOCs	Metals	Nitrite	/			
				/			
				/			
				/			

Comments: 2-40 mL
2-250 mL Pack, 3-40 mL

PRESERVED CODES
A - NONE
B - HNO₃
C - H₂SO₄
D - NaOH
E - HCl
F - METHANOL
G - _____

SPECIAL INSTRUCTIONS

SAMPLER Relinquished by (Signature) <u>[Signature]</u> Date/Time <u>9-6-07</u>		Received by (Signature) <u>[Signature]</u> Date/Time <u>9-6-07</u>		HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list)
Relinquished by (Signature) <u>FEO Ex</u> Date/Time <u>9/7/07 1015</u>		Received by (Signature) <u>[Signature]</u> Date/Time <u>9/7/07 1015</u>		
Relinquished by (Signature) _____ Date/Time _____		Received by (Signature) _____ Date/Time _____		

8468-9672-3300

Turn Around (circle one) Normal Rush

Report Due _____

(For Lab Use Only)

Receipt Temp: 1.0°C Receipt pH: OK 1
Temp Blank: (Y) N (Wet/Metals)

Custody Seal: Present (Absent) Intact/Not Intact Seal #s



Sample Condition Upon Receipt

Client Name: RMT

Project # 888120

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: 8468 9612 3300

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used JB Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 1.0°C
Temp should be above freezing to 6°C

Biological Tissue Is Frozen: Yes No

Date and initials of person examining contents: 9/7/07 KJL
6 9/7/07

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>NITRITE</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	10. <u>(COS) BMW-11 1-40 ml broke in shipment 9/7-1</u>
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>KJL</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution:

EXTRA SAMPLE POINT REC'D DU-07303 added to C.O.C by lab 9/7 KL
ANALYSIS ON 250 mL Poly for DU-07303 label says Nitrate - all others say Nitrite and C.O.C. says Nitrate. 9/7 KL

Project Manager Review: Att

Date: 9/25/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

Project Name: SANGAMO - BREAZEALE
Project Number: 71238.32

File

RMT - GREENVILLE
ATTN: MARK BAILEY
30 Patewood Drive
Suite 100
GREENVILLE SC 29615-3535

Attached are the following for Batch Number: **890893**

- Organic
- Inorganic
- QC Data
- Diskette

Ship By: First Class Mail FedEx
 Priority Mail Other: US Mail

Comments:

If you have any questions please call your Client Manager: **Tod Noltemeyer**



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 890893

Client: RMT - GREENVILLE

Lab Contact: Tod Noltemeyer

Project Name: SANGAMO - BREAZEALE

Project Number: 71238.32

Lab Sample Number	Field ID	Matrix	Collection Date
890893-001	BRMW-02	WATER	11/13/07 10:40
890893-002	PM-2S	WATER	11/13/07 11:10
890893-003	PM-2D	WATER	11/13/07 12:35
890893-004	BRMW-05A	WATER	11/13/07 13:30
890893-005	BRMW-05B	WATER	11/13/07 13:55
890893-006	BRMW-05	WATER	11/13/07 15:00
890893-007	TBLK 07401	WATER	11/13/07

QC

- HT, temp, CDC, methods, del, pres, CRM ✓
- TBLK ✓ Level 2 QC ✓

Due to detect ~~MBIC~~ iron (total) for BRMW-02, 05, 05A, 05B and iron (dissolved) for BRMW-02 + PM-2S should be flagged "u" as concentrations defective.

MBIC = BRMW-02 ✓

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



Alle Hen

12/5/07

Approval Signature

Date

**Pace Analytical
Services, Inc.**

Analytical Report Number: 890893

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : BRMW-02

Matrix Type : WATER
Collection Date : 11/13/07
Report Date : 12/03/07
Lab Sample Number : 890893-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	23	21	1	ug/L		11/29/07 12:01 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Iron	100	15	1	ug/L	A	11/29/07 12:01 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Iron - Dissolved	26	B 50	1	ug/L		11/30/07 02:36 AM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 06:10 PM		Anl By: PCM
Manganese	270	8.0	1	ug/L		11/29/07 10:54 AM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Manganese - Dissolved	190	12	1	ug/L		11/30/07 02:40 AM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 06:10 PM		Anl By: PCM
Nitrogen, Nitrate	< 0.40	0.40	1	mg/L		11/15/07 12:52 AM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 11/16/07 3:29 PM		Anl By: JJB
1,1,1-Trichloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 5.0	5.0	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
2-Butanone	< 12	12	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 12	12	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 12	12	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Acetone	< 12	12	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Benzene	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Bromoform	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Bromomethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Chloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Chloroform	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Chloromethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Styrene	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	86	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Toluene	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Trichloroethene	180	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 2.5	2.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 7.5	7.5	2.5	ug/L		11/16/07 3:29 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 890893

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : BRMW-02

Matrix Type : WATER
Collection Date : 11/13/07
Report Date : 12/03/07
Lab Sample Number : 890893-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 11/16/07 3:29 PM Anl By: JJB

Analyte	Result	EQL		Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrogate	LCL UCL								
4-Bromofluorobenzene	85	64	132	2.5	%		11/16/07	SW846 5030B	SW846 8260B
Toluene-d8	103	73	127	2.5	%		11/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68	122	2.5	%		11/16/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 890893

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : PM-2S

Matrix Type : WATER
Collection Date : 11/13/07
Report Date : 12/03/07
Lab Sample Number : 890893-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	90	21	1	ug/L		11/29/07 12:13 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Iron	440	15	1	ug/L		11/29/07 12:13 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Iron - Dissolved	34	B 50	1	ug/L		11/30/07 02:53 AM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 06:10 PM		Anl By: PCM
Manganese	1400	8.0	1	ug/L		11/29/07 10:58 AM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Manganese - Dissolved	1600	12	1	ug/L		11/30/07 02:57 AM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 06:10 PM		Anl By: PCM
Nitrogen, Nitrate	0.26	B 0.40	1	mg/L		11/15/07 01:35 AM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 11/16/07 3:53 PM		Anl By: JJB
1,1,1-Trichloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 5.0	5.0	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
2-Butanone	< 12	12	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 12	12	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 12	12	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Acetone	< 12	12	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Benzene	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Bromoform	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Bromomethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Chloroethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Chloroform	3.6	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Chloromethane	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Styrene	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	78	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Toluene	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Trichloroethene	150	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 2.5	2.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 7.5	7.5	2.5	ug/L		11/16/07 3:53 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 890893

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : PM-2S

Matrix Type : WATER
Collection Date : 11/13/07
Report Date : 12/03/07
Lab Sample Number : 890893-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 11/16/07 3:53 PM Anl By: JJB

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrogate		LCL	UCL					
4-Bromofluorobenzene	84	64	132	2.5	%	11/16/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	2.5	%	11/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68	122	2.5	%	11/16/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 890893

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : PM-2D

Matrix Type : WATER
Collection Date : 11/13/07
Report Date : 12/03/07
Lab Sample Number : 890893-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	5900	210	1	ug/L		11/29/07 12:17 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Iron	< 150	150	1	ug/L		11/29/07 12:17 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Iron - Dissolved	< 250	250	1	ug/L		11/30/07 03:29 AM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 06:10 PM		Anl By: PCM
Manganese	11000	16	1	ug/L		11/29/07 11:02 AM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Manganese - Dissolved	120000	1200	1	ug/L		11/30/07 12:34 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 06:10 PM		Anl By: PCM
Nitrogen, Nitrate	< 40	40	100	mg/L	C	11/15/07 10:10 AM	EPA 300.0	EPA 300.0
						Prep Date/Time: 11/15/07 06:29 AM		Anl By: GLH

**Pace Analytical
Services, Inc.**

Analytical Report Number: 890893

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : BRMW-05A

Matrix Type : WATER
Collection Date : 11/13/07
Report Date : 12/03/07
Lab Sample Number : 890893-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	840	21	1	ug/L		11/29/07 02:33 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Iron	38	15	1	ug/L	A	11/29/07 02:33 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Manganese	6.2	0.16	1	ug/L		11/29/07 02:33 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Nitrogen, Nitrate	0.78	0.40	1	mg/L		11/15/07 01:49 AM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 20	20	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
2-Butanone	< 50	50	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 50	50	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 50	50	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Acetone	< 50	50	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Benzene	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Bromoform	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Bromomethane	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Chloroethane	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Chloroform	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Chloromethane	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Styrene	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	270	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Toluene	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Trichloroethene	570	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 10	10	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 30	30	10	ug/L		11/16/07 4:16 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	85	64	132	10	%	11/16/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	10	%	11/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68	122	10	%	11/16/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 890893

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : BRMW-05B

Matrix Type : WATER
Collection Date : 11/13/07
Report Date : 12/03/07
Lab Sample Number : 890893-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	3500	1000	1	ug/L		11/29/07 11:18 AM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Iron	27	15	1	ug/L	A	11/29/07 02:37 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Manganese	0.55	0.16	1	ug/L		11/29/07 02:37 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: PCM
Nitrogen, Nitrate	0.95	0.40	1	mg/L		11/15/07 02:03 AM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Chloromethane	0.28	J 1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		11/16/07 10:23 AM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	86	64	132	1	%	11/16/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	1	%	11/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	94	68	122	1	%	11/16/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : BRMW-05

Matrix Type : WATER
Collection Date : 11/13/07
Report Date : 12/03/07
Lab Sample Number : 890893-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	2700	100	1	ug/L		11/29/07 02:45 PM	EPA 3020	EPA 6020
						Prep Date/Time:	11/28/07 08:11 PM	Anl By: PCM
Iron	33	15	1	ug/L	A	11/29/07 02:41 PM	EPA 3020	EPA 6020
						Prep Date/Time:	11/28/07 08:11 PM	Anl By: PCM
Manganese	36	0.16	1	ug/L		11/29/07 02:41 PM	EPA 3020	EPA 6020
						Prep Date/Time:	11/28/07 08:11 PM	Anl By: PCM
Nitrogen, Nitrate	0.84	0.40	1	mg/L		11/15/07 02:17 AM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time:	11/16/07 4:40 PM	Anl By: JJB
1,1,1-Trichloroethane	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 20	20	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
2-Butanone	< 50	50	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 50	50	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 50	50	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Acetone	< 50	50	10	ug/L	*	11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Benzene	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Bromoform	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Bromomethane	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Chloroethane	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Chloroform	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Chloromethane	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Styrene	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	290	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Toluene	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Trichloroethene	500	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 10	10	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 30	30	10	ug/L		11/16/07 4:40 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	85	64 132	10	%		11/16/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73 127	10	%		11/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68 122	10	%		11/16/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : TBLK 07401

Matrix Type : WATER
Collection Date : 11/13/07
Report Date : 12/03/07
Lab Sample Number : 890893-007

VOLATILES 3,4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 11/16/07 10:47 AM Anl By: JJB

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		11/16/07 10:47 AM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	86	64 132	1	%		11/16/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73 127	1	%		11/16/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	96	68 122	1	%		11/16/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

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Lab Number	TestGroupID	Field ID	Comment
890893-003	W-NO3-W	PM-2D	C - Elevated detection limit due to matrix of sample.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	890893-001	890893-002	890893-003	890893-004	890893-005	890893-006	890893-007
CALCIUM	M	M	M	M	M	M	M
IRON	M	M	M	M	M	M	M
IRON - DISSOLVED	M	M	M				
MANGANESE	M	M	M	M	M	M	
MANGANESE - DISSOLVED	M	M	M				
NITROGEN, NITRATE	B	B	B	B	B	B	
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G		G	G	G	G

Code	SC Certification
B	83006001
G	83006001
M	74003001

QUALITY CONTROL DATA

Project: 890893 RMT
Pace Project No.: 1063629

QC Batch: MPRP/10875 Analysis Method: EPA 6020
QC Batch Method: EPA 3020 Analysis Description: 6020 MET
Associated Lab Samples: 890893001, 890893002, 890893003, 890893004, 890893005, 890893006

METHOD BLANK: 419103

Associated Lab Samples: 890893001, 890893002, 890893003, 890893004, 890893005, 890893006

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Calcium	ug/L	ND	21.0	
Iron	ug/L	23.5	15.0	
Manganese	ug/L	ND	0.16	

LABORATORY CONTROL SAMPLE: 419104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	1000	1010	101	85-115	
Iron	ug/L	1000	1080	108	85-115	
Manganese	ug/L	80	84.3	105	85-115	

MATRIX SPIKE SAMPLE: 419105

Parameter	Units	890893001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	22.6	1000	1040	102	70-130	
Iron	ug/L	101	1000	1180	108	70-130	
Manganese	ug/L	274	80	349	94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 419106 419107

Parameter	Units	890882001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
Calcium	ug/L	1000	1000	1000	106000	104000	-261	-445	70-130	2	20	P6
Iron	ug/L	1000	1000	1000	978	992	96	97	70-130	1	20	
Manganese	ug/L	80	80	80	86.9	88.0	93	94	70-130	1	20	



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QUALITY CONTROL DATA

Project: 890893 RMT
 Pace Project No.: 1063629

QC Batch: MPRP/10877 Analysis Method: EPA 6020
 QC Batch Method: EPA 3020 Analysis Description: 6020 MET Dissolved
 Associated Lab Samples: 890893001, 890893002, 890893003

METHOD BLANK: 419113

Associated Lab Samples: 890893001, 890893002, 890893003

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Iron	ug/L	ND	50.0	
Manganese	ug/L	1.0	0.50 P8	

LABORATORY CONTROL SAMPLE: 419114

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	1000	1070	107	85-115	
Manganese	ug/L	80	84.3	105	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 419115 419116

Parameter	Units	890893001 Result	MS		MSD		MS		MSD		% Rec Limits	Max		Qual
			Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	RPD	RPD				
Iron	ug/L	25.5J	1000	1000	1080	1080	106	106	70-130	.1	20			
Manganese	ug/L	187	80	80	270	269	103	102	70-130	.5	20			





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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 890893 RMT
Pace Project No.: 1063629

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
890893001	BRMW-02	EPA 3020	MPRP/10875	EPA 6020	ICPM/4343
890893002	PM-2S	EPA 3020	MPRP/10875	EPA 6020	ICPM/4343
890893003	PM-2D	EPA 3020	MPRP/10875	EPA 6020	ICPM/4343
890893004	BRMW-05A	EPA 3020	MPRP/10875	EPA 6020	ICPM/4343
890893005	BRMW-05B	EPA 3020	MPRP/10875	EPA 6020	ICPM/4343
890893006	BRMW-05	EPA 3020	MPRP/10875	EPA 6020	ICPM/4343
890893001	BRMW-02	EPA 3020	MPRP/10877	EPA 6020	ICPM/4338
890893002	PM-2S	EPA 3020	MPRP/10877	EPA 6020	ICPM/4338
890893003	PM-2D	EPA 3020	MPRP/10877	EPA 6020	ICPM/4338



Batch: 890893
Lab Section: VOA
QC Batch Number: 26677
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2341-43MB	vog2341-43MB
LCS	vog2341-43LCS	vog2341-43LCS
LCSD	vog2341-43LCSD	vog2341-43LCSD
MS	BRMW-05BMS	890893-005MS
MSD	BRMW-05BMSD	890893-005MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-02	890893-001	MB	PM-2S	890893-002	MB
BRMW-05A	890893-004	MB	BRMW-05B	890893-005	MB
BRMW-05	890893-006	MB	TBLK 07401	890893-007	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C	LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
			%	%	%		%	%	%	%	%	%				%	%	%		%	%	%		%	%	%
1,1,1-Trichloroethane	< 0.9	50.0	46.9	94	50.0	49.6	99	5.5	75	128	20	890893-005	< 0.9	50.0	47.6	95	50.0	48.4	97	1.7	70	130	30			
1,1,2,2-Tetrachloroethane	< 0.2	50.0	48.3	97	50.0	45.9	92	5.1	67	125	20	890893-005	< 0.2	50.0	51.3	103	50.0	52.3	105	1.9	70	130	30			
1,1,2-Trichloroethane	< 0.42	50.0	49.6	99	50.0	47	94	5.4	75	125	20	890893-005	< 0.42	50.0	51.2	102	50.0	51.2	102	0.0	70	130	30			
1,1-Dichloroethane	< 0.75	50.0	49.9	100	50.0	51.3	103	2.8	71	130	20	890893-005	< 0.75	50.0	49.3	99	50.0	50.1	100	1.7	70	130	30			
1,1-Dichloroethene	< 0.57	50.0	53.8	108	50.0	56.4	113	4.7	75	125	20	890893-005	< 0.57	50.0	54.1	108	50.0	54.8	110	1.4	70	135	30			
1,2-Dichloroethane	< 0.36	50.0	44.9	90	50.0	45.4	91	1.3	71	132	20	890893-005	< 0.36	50.0	46	92	50.0	46	92	0.1	70	130	30			
1,2-Dichloroethene, Total	< 1.4	100.0	100.7	101	100.0	104.2	104	3.4	75	125	20	890893-005	< 1.4	100.0	101.5	102	100.0	102.5	102	0.9	70	130	30			
1,2-Dichloropropane	< 0.46	50.0	50.6	101	50.0	50.8	102	0.6	73	125	20	890893-005	< 0.46	50.0	51.2	102	50.0	52.7	105	3.0	70	130	30			
2-Butanone	< 4.3	50.0	47.3	95	50.0	42.8	86	10.1	59	130	20	890893-005	< 4.3	50.0	45.5	91	50.0	45.7	91	0.5	51	130	30			
2-Hexanone	< 1.1	50.0	40.6	81	50.0	34.6	69	15.7	51	125	20	890893-005	< 1.1	50.0	42.4	85	50.0	42.2	84	0.6	53	130	30			
4-Methyl-2-pentanone	< 1.2	50.0	40.9	82	50.0	36.8	74	10.6	59	125	20	890893-005	< 1.2	50.0	44.8	90	50.0	45.3	91	1.1	62	130	30			
Acetone	< 2.3	50.0	58.6	117	50.0	46	92	24.0	31	150	20	890893-005	< 2.2	50.0	46.5	93	50.0	46.8	94	0.5	42	132	30			
Benzene	< 0.41	50.0	50.7	101	50.0	51.3	103	1.3	75	125	20	890893-005	< 0.41	50.0	51.6	103	50.0	52.5	105	1.8	70	130	30			
Bromodichloromethane	< 0.56	50.0	47.5	95	50.0	47.8	96	0.7	75	125	20	890893-005	< 0.56	50.0	48.2	96	50.0	49.5	99	2.5	70	130	30			
Bromofom	< 0.94	50.0	47.9	96	50.0	46.3	93	3.3	75	125	20	890893-005	< 0.94	50.0	50.7	101	50.0	50.6	101	0.1	70	130	30			
Bromomethane	< 0.91	50.0	52.6	105	50.0	53.8	108	2.2	66	125	20	890893-005	< 0.91	50.0	57	114	50.0	58.1	116	2.0	63	147	30			
Carbon Disulfide	< 0.66	50.0	56.3	113	50.0	56.4	113	0.1	71	128	20	890893-005	< 0.66	50.0	56.7	113	50.0	57.3	115	1.0	56	142	30			
Carbon Tetrachloride	< 0.49	50.0	48.6	97	50.0	50.5	101	3.8	75	125	20	890893-005	< 0.49	50.0	49	98	50.0	50	100	2.0	70	131	30			
Chlorobenzene	< 0.41	50.0	50.3	101	50.0	49.1	98	2.5	75	125	20	890893-005	< 0.41	50.0	51.4	103	50.0	52.2	104	1.6	70	130	30			
Chlorodibromomethane	< 0.81	50.0	48.8	98	50.0	46.1	92	5.8	75	125	20	890893-005	< 0.81	50.0	50.8	102	50.0	51.5	103	1.4	70	130	30			
Chloroethane	< 0.97	50.0	51.8	104	50.0	52	104	0.5	72	126	20	890893-005	< 0.97	50.0	52.6	105	50.0	52.5	105	0.3	67	138	30			
Chloroform	< 0.37	50.0	47.8	96	50.0	49.9	100	4.4	75	125	20	890893-005	< 0.37	50.0	48.3	97	50.0	49	98	1.4	70	130	30			

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/3/2007

QC Batch Number: 26677

QC Summary

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
			%	%	%		%	%	%		%	%	%				%	%	%		%	%	%		%	%	%
Chloromethane	<	0.24	50.0	46.8	94	50.0	48.9	98	4.3	46	143	20	890893-005	<	0.280	50.0	46.4	92	50.0	47.5	94	2.4	43	150	30		
cis-1,3-Dichloropropene	<	0.19	50.0	47.8	96	50.0	46.9	94	1.9	75	125	20	890893-005	<	0.19	50.0	49	98	50.0	49.9	100	1.9	70	130	30		
Ethylbenzene	<	0.54	50.0	52.2	104	50.0	50.6	101	3.0	75	125	20	890893-005	<	0.54	50.0	52.7	105	50.0	53.7	107	2.0	70	136	30		
Methylene Chloride	<	0.43	50.0	49.9	100	50.0	49.4	99	1.1	75	125	20	890893-005	<	0.43	50.0	51.1	102	50.0	50.9	102	0.5	70	130	30		
Styrene	<	0.86	50.0	54.3	109	50.0	53.4	107	1.6	75	125	20	890893-005	<	0.86	50.0	56	112	50.0	56.7	113	1.3	70	130	30		
Tetrachloroethene	<	0.45	50.0	51.6	103	50.0	50.4	101	2.4	75	130	20	890893-005	<	0.45	50.0	53.1	106	50.0	53.8	108	1.3	70	130	30		
Toluene	<	0.67	50.0	51.9	104	50.0	49.8	100	4.1	75	125	20	890893-005	<	0.67	50.0	52.6	105	50.0	53.1	106	1.1	70	130	30		
trans-1,3-Dichloropropene	<	0.19	50.0	47.5	95	50.0	44.4	89	6.8	75	125	20	890893-005	<	0.19	50.0	49	98	50.0	50.2	100	2.4	70	130	30		
Trichloroethene	<	0.48	50.0	50.6	101	50.0	51.3	103	1.3	75	125	20	890893-005	<	0.48	50.0	51.9	104	50.0	52.2	104	0.6	70	130	30		
Vinyl Chloride	<	0.18	50.0	49.1	98	50.0	47.4	95	3.3	65	130	20	890893-005	<	0.18	50.0	49.4	99	50.0	50.2	100	1.5	62	138	30		
Xylene, Total	<	2.6	150.0	158.4	106	150.0	154.2	103	2.6	75	125	20	890893-005	<	2.6	150.0	161.4	108	150.0	163.7	109	1.4	70	130	30		
4-Bromofluorobenzene		86%	---	---	93	---	---	93	---	64	132	---	890893-005		86%	---	---	93	---	---	93	---	64	132	---		
Toluene-d8		101%	---	---	104	---	---	102	---	73	127	---	890893-005		101%	---	---	103	---	---	103	---	73	127	---		
Dibromofluoromethane		93%	---	---	93	---	---	100	---	68	122	---	890893-005		94%	---	---	92	---	---	93	---	68	122	---		

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/3/2007

QC Batch Number: 26677

Batch: 890893
Lab Section: WETCHEM
QC Batch Number: 26619
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2339-046MB	WCG2339-046MB
LCS	WCG2339-046MBLCS	WCG2339-046MBLCS
MS	BRMW-02MS	890893-001MS
MSD	BRMW-02MSD	890893-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-02	890893-001	MB	PM-2S	890893-002	MB
BRMW-05A	890893-004	MB	BRMW-05B	890893-005	MB
BRMW-05	890893-006	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
Nitrogen, Nitrate	< 0.085	1.6	1.6	100.6		--	--	--	--	90	110	20	890893-001	< 0.085	1.6	1.6	101.2		1.6	1.6	101.9		0.6	90	110	20	

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/3/2007

QC Batch Number: 26619

Batch: 890893
Lab Section: WETCHEM
QC Batch Number: 26675
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2339-047MB	WCG2339-047MB
LCS	WCG2339-047MBLCS	WCG2339-047MBLCS
MS	890927-002MS	890927-002MS
MSD	890927-002MSD	890927-002MSD

Client Sample ID	Lab Sample ID	MB ID
PM-2D	890893-003	MB

Client Sample ID	Lab Sample ID	MB ID

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%														
Nitrogen, Nitrate	<	0.085	1.6	1.6	101.2	---	---	---	---	90	110	20	890927-002	3.5	1.6	5.2	105.0	1.6	5.2	106.9	0.6	90	110	20			

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/3/2007

QC Batch Number: 26675



CHAIN OF CUSTODY RECORD

890893

75858

18

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No. 71238.32 Project/Client: Sangamo - Breazeale
Project Manager/Contact Person: Mike Parker / Britney Barnes

Lab No.	Yr. <u>07</u> Date	Time	Sample Station ID	Total Number of Containers	MATRIX
<u>001</u>	<u>11-13</u>	<u>1040</u>	<u>BRMW-2</u>	<u>6</u>	<u>GW</u>
<u>002</u>		<u>1110</u>	<u>PM-25</u>	<u>6</u>	
<u>003</u>		<u>1235</u>	<u>PM-20</u>	<u>6</u>	
<u>004</u>		<u>1330</u>	<u>BRMW-5A</u>	<u>5</u>	
<u>005</u>		<u>1355</u>	<u>BRMW-5B</u>	<u>5</u>	
<u>006</u>		<u>1500</u>	<u>BRMW-5</u>	<u>5</u>	<u>GW</u>
<u>007</u>			<u>TBLK 07401</u>	<u>3</u>	<u>DI</u>

Filtered (Yes/No)	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Preserved (Code)	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Analyses Requested <u>DISSOLVED METALS</u> <u>TOTAL METALS</u> <u>NITRATE</u> <u>VOC</u>																				
															PRESERVED CODES A - NONE B - HNO ₃ C - H ₂ SO ₄ D - NaOH E - HCl F - METHANOL G - _____					
															Comments: <u>2-500mL poly 1-250mL 3-4</u> <u>1-500mL poly 1-250mL 3-4</u> <u>2-40mL</u>					

SPECIAL INSTRUCTIONS

84883051 1171

SAMPLER Relinquished by (Signature) <u>[Signature]</u>	Date/Time <u>11/13/07</u> <u>1600</u>	Received by (Signature) <u>FED EX</u>	Date/Time <u>1630</u> <u>11/13/07</u>	HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____
Relinquished by (Signature) <u>[Signature]</u>	Date/Time <u>11/14/07</u> <u>10:20</u>	Received by (Signature) <u>[Signature]</u>	Date/Time <u>11/14/07</u> <u>10:20</u>	
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	

Turn Around (circle one) Normal Rush

Report Due _____

(For Lab Use Only)

Receipt Temp: 0° Receipt pH _____
 Temp Blank Y (N) (Wet/Metals)
M/D

Custody Seal: Present (Absent) Intact/Not Intact Seal #s



Sample Condition Upon Receipt

Client Name: Sanguino-Breafeale

Project # 890823

Courier: Fed Ex UPS USPS Client Commercial Pace Other

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other

Thermometer Used P Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 00

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 11/14/07 LJA

Temp should be above freezing to 6°C

Comments: AB

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>48 hr NITRATES</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u> W </u>		
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WL-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution:

Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AH

Date: 12/5/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)



Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302
Phone: 920.469.2436
Fax: 920.469.8827

Project Name: SANGAMO - BREAZEALE
Project Number: 71238.32

File

RMT - GREENVILLE
ATTN: MARK BAILEY
30 Patewood Drive
Suite 100
GREENVILLE SC 29615-3535

Attached are the following for Batch Number: **891017**

- Organic
- Inorganic
- QC Data
- Diskette

Ship By: First Class Mail FedEx
 Priority Mail Other: US Mail

Comments:

If you have any questions please call your Client Manager: **Tod Noltemeyer**



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 891017

Client: RMT - GREENVILLE
Project Name: SANGAMO - BREAZEALE
Project Number: 71238.32

Lab Contact: Tod Noltemeyer

Lab Sample Number	Field ID	Matrix	Collection Date
891017-001	ZM-1D	WATER	11/15/07 09:15
891017-002	ZM-1S	WATER	11/15/07 09:40
891017-003	ZM-2D	WATER	11/15/07 10:15
891017-004	ZM-2S	WATER	11/15/07 10:40
891017-005	ZM-3D	WATER	11/15/07 11:15
891017-006	ZM-3S	WATER	11/15/07 11:45
891017-007	ZM-4D	WATER	11/15/07 13:20
891017-008	ZM-4S	WATER	11/15/07 13:45
891017-009	DU-07401	WATER	11/15/07
891017-010	TBLK 07402	WATER	11/15/07

QC

= HT, temp, COC, methods, dl, pres, ORC ✓
TBLK ✓ Level 2 QC ✓

Due to iron detected in TBLK, iron for all samples this SDG should be flagged "u" as an unconfirmed detection.

DU07401 = ZM-04S RPD ✓

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



[Handwritten Signature]

12/5/07

Approval Signature

Date

MSMD = ZM-3S, ZM-ID

**Pace Analytical
Services, Inc.**

Analytical Report Number: 891017

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : ZM-1D

Matrix Type : WATER
Collection Date : 11/15/07
Report Date : 12/04/07
Lab Sample Number : 891017-001

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1200	21	1	ug/L		11/29/07 03:24 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Iron	22	15	1	ug/L	A	11/29/07 03:24 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Manganese	90	0.16	1	ug/L		11/29/07 03:24 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Nitrogen, Nitrate	0.68	0.40	1	mg/L		11/16/07 02:55 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 10	10	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
2-Butanone	< 25	25	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 25	25	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 25	25	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Acetone	< 25	25	5	ug/L	&	11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Benzene	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Bromoform	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Bromomethane	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Chloroethane	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Chloroform	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Chloromethane	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Styrene	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	210	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Toluene	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Trichloroethene	450	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 5.0	5.0	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 15	15	5	ug/L		11/20/07 9:34 AM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	65	64 132	5	%		11/20/07	SW846 5030B	SW846 8260B
Toluene-d8	88	73 127	5	%		11/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68 122	5	%		11/20/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : ZM-1S

Matrix Type : WATER
Collection Date : 11/15/07
Report Date : 12/04/07
Lab Sample Number : 891017-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	930	21	1	ug/L		11/29/07 03:32 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Iron	43	15	1	ug/L	A	11/29/07 03:32 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Manganese	310	0.80	1	ug/L		11/29/07 03:36 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Nitrogen, Nitrate	1.7	0.40	1	mg/L		11/16/07 03:38 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 5.0	5.0	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
2-Butanone	< 12	12	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 12	12	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 12	12	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Acetone	< 12	12	2.5	ug/L	&	11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Benzene	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Bromoform	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Bromomethane	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Chloroethane	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Chloroform	1.5	J 2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Chloromethane	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Styrene	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	170	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Toluene	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Trichloroethene	190	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 2.5	2.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 7.5	7.5	2.5	ug/L		11/19/07 6:54 PM	SW846 5030B	SW846 8260B

Surrogate	LCL UCL							
4-Bromofluorobenzene	64	64	132	2.5	%	11/19/07	SW846 5030B	SW846 8260B
Toluene-d8	86	73	127	2.5	%	11/19/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	106	68	122	2.5	%	11/19/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : ZM-2D

Matrix Type : WATER
Collection Date : 11/15/07
Report Date : 12/04/07
Lab Sample Number : 891017-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1000	21	1	ug/L		11/29/07 03:40 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Iron	24	15	1	ug/L	A	11/29/07 03:40 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Manganese	27	0.16	1	ug/L		11/29/07 03:40 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Nitrogen, Nitrate	0.66	0.40	1	mg/L		11/16/07 03:52 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Prep Date/Time: 11/20/07 8:24 AM Anl By: SMT								
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Chloroform	0.57	J 1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	43	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Trichloroethene	65	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		11/20/07 8:24 AM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	64	64 132	1	%		11/20/07	SW846 5030B	SW846 8260B
Toluene-d8	86	73 127	1	%		11/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	96	68 122	1	%		11/20/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : ZM-2S

Matrix Type : WATER
Collection Date : 11/15/07
Report Date : 12/04/07
Lab Sample Number : 891017-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	960	21	1	ug/L		11/29/07 03:48 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Iron	44	15	1	ug/L	A	11/29/07 03:48 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Manganese	200	0.80	1	ug/L		11/29/07 03:52 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Nitrogen, Nitrate	0.70	0.40	1	mg/L		11/16/07 04:06 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	23	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Trichloroethene	47	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		11/20/07 8:48 AM	SW846 5030B	SW846 8260B

Surrogate	Result	LCL	UCL	Dilution	Units	Anl Date/Time	Prep Method	Anl Method
4-Bromofluorobenzene	66	64	132	1	%	11/20/07	SW846 5030B	SW846 8260B
Toluene-d8	88	73	127	1	%	11/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	102	68	122	1	%	11/20/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE

Project Name : SANGAMO - BREAZEALE

Project Number : 71238.32

Field ID : ZM-3D

Matrix Type : WATER

Collection Date : 11/15/07

Report Date : 12/04/07

Lab Sample Number : 891017-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	1000	21	1	ug/L		11/29/07 03:56 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Iron	25	15	1	ug/L	A	11/29/07 03:56 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Manganese	31	0.16	1	ug/L		11/29/07 03:56 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:11 PM		Anl By: *PA
Nitrogen, Nitrate	0.60	0.40	1	mg/L		11/16/07 04:21 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	54	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Trichloroethene	64	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		11/19/07 4:34 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

4-Bromofluorobenzene	65	64	132	1	%	11/19/07	SW846 5030B	SW846 8260B
Toluene-d8	86	73	127	1	%	11/19/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	1	%	11/19/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE

Project Name : SANGAMO - BREAZEALE

Project Number : 71238.32

Field ID : ZM-3S

Matrix Type : WATER

Collection Date : 11/15/07

Report Date : 12/04/07

Lab Sample Number : 891017-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	290	21	1	ug/L		11/30/07 08:16 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Iron	30	15	1	ug/L	A	11/30/07 08:16 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Manganese	23	0.16	1	ug/L		11/30/07 08:16 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Nitrogen, Nitrate	1.0	0.40	1	mg/L		11/16/07 04:35 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 11/19/07 4:58 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	5.1	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Trichloroethene	1.7	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		11/19/07 4:58 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	66	64	132	1	%	11/19/07	SW846 5030B	SW846 8260B
Toluene-d8	88	73	127	1	%	11/19/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	108	68	122	1	%	11/19/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : ZM-4D

Matrix Type : WATER
Collection Date : 11/15/07
Report Date : 12/04/07
Lab Sample Number : 891017-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	890	21	1	ug/L		11/30/07 08:28 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Iron	28	15	1	ug/L	A	11/30/07 08:28 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Manganese	31	0.16	1	ug/L		11/30/07 08:28 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Nitrogen, Nitrate	0.74	0.40	1	mg/L		11/16/07 05:17 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 11/19/07 5:21 PM		Anl By: SMT
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	13	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Trichloroethene	16	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		11/19/07 5:21 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	64	64 132	1	%		11/19/07	SW846 5030B	SW846 8260B
Toluene-d8	85	73 127	1	%		11/19/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	104	68 122	1	%		11/19/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : ZM-4S

Matrix Type : WATER
Collection Date : 11/15/07
Report Date : 12/04/07
Lab Sample Number : 891017-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	670	21	1	ug/L		11/30/07 08:37 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Iron	36	15	1	ug/L	A	11/30/07 08:37 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Manganese	160	0.32	1	ug/L		12/03/07 12:16 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Nitrogen, Nitrate	0.85	0.40	1	mg/L		11/16/07 05:31 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 11/20/07 9:11 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	29	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Trichloroethene	26	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		11/20/07 9:11 AM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	64	64	132	1	%	11/20/07	SW846 5030B	SW846 8260B
Toluene-d8	87	73	127	1	%	11/20/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%	11/20/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 891017

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : DU-07401

Matrix Type : WATER
Collection Date : 11/15/07
Report Date : 12/04/07
Lab Sample Number : 891017-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	680	21	1	ug/L		11/30/07 08:57 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Iron	30	15	1	ug/L	A	11/30/07 08:57 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Manganese	160	0.32	1	ug/L		12/03/07 12:20 PM	EPA 3020	EPA 6020
						Prep Date/Time: 11/28/07 08:15 PM		Anl By: *PA
Nitrogen, Nitrate	0.87	0.40	1	mg/L		11/16/07 05:46 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 11/19/07 6:08 PM		Anl By: SMT
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Chloromethane	0.29	J 1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	24	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Trichloroethene	20	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		11/19/07 6:08 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	65	64 132	1	%		11/19/07	SW846 5030B	SW846 8260B
Toluene-d8	86	73 127	1	%		11/19/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	101	68 122	1	%		11/19/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO - BREAZEALE
Project Number : 71238.32
Field ID : TBLK 07402

Matrix Type : WATER
Collection Date : 11/15/07
Report Date : 12/04/07
Lab Sample Number : 891017-010

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 11/19/07 12:40 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		11/19/07 12:40 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	67	64 132	1	%		11/19/07	SW846 5030B	SW846 8260B
Toluene-d8	86	73 127	1	%		11/19/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	93	68 122	1	%		11/19/07	SW846 5030B	SW846 8260B

Qualifier Codes

Flag Applies To Explanation

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection.. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	891017-001	891017-002	891017-003	891017-004	891017-005	891017-006	891017-007	891017-008	891017-009	891017-010
CALCIUM	M	M	M	M	M	M	M	M	M	M
IRON	M	M	M	M	M	M	M	M	M	M
MANGANESE	M	M	M	M	M	M	M	M	M	M
NITROGEN, NITRATE	B	B	B	B	B	B	B	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G	G	G	G

Code	SC Certification
B	83006001
G	83006001
M	74003001

QUALITY CONTROL DATA

Project: 891017
Pace Project No.: 1063707

QC Batch: MPRP/10875 Analysis Method: EPA 6020
QC Batch Method: EPA 3020 Analysis Description: 6020 MET
Associated Lab Samples: 891017001, 891017002, 891017003, 891017004, 891017005

METHOD BLANK: 419103

Associated Lab Samples: 891017001, 891017002, 891017003, 891017004, 891017005

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Calcium	ug/L	ND	21.0	
Iron	ug/L	23.5	15.0	
Manganese	ug/L	ND	0.16	

LABORATORY CONTROL SAMPLE: 419104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	1000	1010	101	85-115	
Iron	ug/L	1000	1080	108	85-115	
Manganese	ug/L	80	84.3	105	85-115	

MATRIX SPIKE SAMPLE: 419105

Parameter	Units	890893001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	22.6	1000	1040	102	70-130	
Iron	ug/L	101	1000	1180	108	70-130	
Manganese	ug/L	274	80	349	94	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 419106 419107

Parameter	Units	890882001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	ug/L	1000	1000	1000	106000	104000	-261	-445	70-130	2	20	P6
Iron	ug/L	1000	1000	1000	978	992	96	97	70-130	1	20	
Manganese	ug/L	80	80	80	86.9	88.0	93	94	70-130	1	20	

QUALITY CONTROL DATA

Project: 891017
Pace Project No.: 1063707

QC Batch: MPRP/10876 Analysis Method: EPA 6020
QC Batch Method: EPA 3020 Analysis Description: 6020 MET
Associated Lab Samples: 891017006, 891017007, 891017008, 891017009

METHOD BLANK: 419108

Associated Lab Samples: 891017006, 891017007, 891017008, 891017009

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Calcium	ug/L	ND	21.0	
Iron	ug/L	19.1	15.0	
Manganese	ug/L	0.33	0.16 P8	

LABORATORY CONTROL SAMPLE: 419109

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	1000	978	98	85-115	
Iron	ug/L	1000	1010	101	85-115	
Manganese	ug/L	80	81.2	102	85-115	

MATRIX SPIKE SAMPLE: 419110

Parameter	Units	891017008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	290	1000	1360	107	70-130	
Iron	ug/L	29.6	1000	1090	106	70-130	
Manganese	ug/L	22.8	80	106	104	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 419111 419112

Parameter	Units	891173004		419112		MS % Rec	MSD % Rec	% Rec Limits	Max	
		Result	MS Spike Conc.	MS Spike Conc.	MSD Result				RPD	RPD	Qual
Calcium	ug/L	157000	1000	1000	162000	523	-1940	70-130	16	20 P6
Iron	ug/L	ND	1000	1000	1080	107	91	70-130	16	20
Manganese	ug/L	12.9	80	80	91.3	98	78	70-130	19	20



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Minneapolis, MN 55414
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 891017
Pace Project No.: 1063707

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
891017001	ZM-1D	EPA 3020	MPRP/10875	EPA 6020	ICPM/4343
891017002	ZM-1S	EPA 3020	MPRP/10875	EPA 6020	ICPM/4343
891017003	ZM-2D	EPA 3020	MPRP/10875	EPA 6020	ICPM/4343
891017004	ZM-2S	EPA 3020	MPRP/10875	EPA 6020	ICPM/4343
891017005	ZM-3D	EPA 3020	MPRP/10875	EPA 6020	ICPM/4343
891017006	ZM-3S	EPA 3020	MPRP/10876	EPA 6020	ICPM/4340
891017007	ZM-4D	EPA 3020	MPRP/10876	EPA 6020	ICPM/4340
891017008	ZM-4S	EPA 3020	MPRP/10876	EPA 6020	ICPM/4340
891017009	DU-07401	EPA 3020	MPRP/10876	EPA 6020	ICPM/4340

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Batch: 891017
Lab Section: VOA
QC Batch Number: 26725
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	VOG2341-50MB	VOG2341-50MB
MB2	VOG2341-50MB2	VOG2341-50MB2
LCS	VOG2341-50LCS	VOG2341-50LCS
LCSD	VOG2341-50LCSD	VOG2341-50LCSD
MS	890939-001MS	890939-001MS
MSD	890939-001MSD	890939-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
ZM-1D	891017-001	MB	ZM-1S	891017-002	MB
ZM-2D	891017-003	MB	ZM-2S	891017-004	MB
ZM-3D	891017-005	MB	ZM-3S	891017-006	MB
ZM-4D	891017-007	MB	ZM-4S	891017-008	MB
DU-07401	891017-009	MB	TBLK 07402	891017-010	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%								Conc	%	C		Conc	%	C
1,1,1-Trichloroethane	< 0.9	50.0	55.6	111		50.0	54.4	109	2.2	75	128	20	890939-001	< 0.9	50.0	53.1	106		50.0	55.6	111		4.6	70	130	30	
1,1,2,2-Tetrachloroethane	< 0.2	50.0	50.7	101		50.0	49.4	99	2.6	67	125	20	890939-001	< 0.00	50.0	48.1	96		50.0	50.5	101		5.0	70	130	30	
1,1,2-Trichloroethane	< 0.42	50.0	49.6	99		50.0	47.4	95	4.6	75	125	20	890939-001	< 0.42	50.0	47.5	95		50.0	49.7	99		4.7	70	130	30	
1,1-Dichloroethane	< 0.75	50.0	50	100		50.0	49	98	1.9	71	130	20	890939-001	< 0.75	50.0	47.8	96		50.0	49.7	99		3.8	70	130	30	
1,1-Dichloroethene	< 0.57	50.0	56.2	112		50.0	53.9	108	4.2	75	125	20	890939-001	< 0.57	50.0	54.1	108		50.0	56.2	112		3.9	70	135	30	
1,2-Dichloroethane	< 0.36	50.0	50.2	100		50.0	48.5	97	3.3	71	132	20	890939-001	< 0.36	50.0	46.5	93		50.0	48.9	98		5.0	70	130	30	
1,2-Dichloroethene, Total	< 1.4	100.0	102.3	102		100.0	97.4	97	4.9	75	125	20	890939-001	< 0.000	100.0	93.8	94		100.0	103.2	103		9.6	70	130	30	
1,2-Dichloropropane	< 0.46	50.0	48.7	97		50.0	48.3	97	0.9	73	125	20	890939-001	< 0.46	50.0	46.4	93		50.0	49.6	99		6.7	70	130	30	
2-Butanone	< 4.3	50.0	58.5	117		50.0	53.3	107	9.3	59	130	20	890939-001	< 4.3	50.0	42.4	85		50.0	45.9	92		8.0	51	130	30	
2-Hexanone	< 1.1	50.0	45.3	91		50.0	38.9	78	15.2	51	125	20	890939-001	< 0.00	50.0	34.2	68		50.0	35.6	71		3.9	53	130	30	
4-Methyl-2-pentanone	< 1.2	50.0	41.3	83		50.0	38.9	78	6.1	59	125	20	890939-001	< 0.00	50.0	37.4	75		50.0	39.6	79		5.7	62	130	30	
Acetone	< 2.3	50.0	80.7	161	&	50.0	66.7	133	19.0	31	150	20	890939-001	< 2.2	50.0	46.8	94		50.0	45.8	92		2.1	42	132	30	
Benzene	< 0.41	50.0	50.7	101		50.0	49.3	99	2.9	75	125	20	890939-001	< 0.41	50.0	48.2	96		50.0	50.6	101		4.9	70	130	30	
Bromodichloromethane	< 0.56	50.0	51.3	103		50.0	50.3	101	2.0	75	125	20	890939-001	< 0.56	50.0	48.4	97		50.0	51.2	102		5.7	70	130	30	
Bromoform	< 0.94	50.0	53.9	108		50.0	51.6	103	4.2	75	125	20	890939-001	< 0.94	50.0	50.3	101		50.0	50.6	101		0.5	70	130	30	
Bromomethane	< 0.91	50.0	59.9	120		50.0	61.5	123	2.7	66	125	20	890939-001	< 0.91	50.0	60.9	122		50.0	63.5	127		4.2	63	147	30	
Carbon Disulfide	< 0.66	50.0	58.3	117		50.0	57.2	114	1.9	71	128	20	890939-001	< 0.66	50.0	53.8	108		50.0	46.3	93		15.0	56	142	30	
Carbon Tetrachloride	< 0.49	50.0	57.7	115		50.0	55.8	112	3.4	75	125	20	890939-001	< 0.49	50.0	54.3	109		50.0	56.2	112		3.5	70	131	30	
Chlorobenzene	< 0.41	50.0	51.4	103		50.0	50.5	101	1.8	75	125	20	890939-001	< 0.41	50.0	48.2	96		50.0	50.6	101		4.9	70	130	30	
Chlorodibromomethane	< 0.81	50.0	53.9	108		50.0	51.4	103	4.8	75	125	20	890939-001	< 0.81	50.0	51.3	103		50.0	51.6	103		0.6	70	130	30	

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/4/2007

QC Batch Number: 26725

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL %	UCL %	RPD %				Conc	%	C		Conc	%	C		LCL %	UCL %	RPD %
Chloroethane	<	0.97	50.0	53	106	50.0	52.1	104	1.7	72	126	20	890939-001	<	0.97	50.0	49.7	99	50.0	53.3	107	7.2	67	138	30		
Chloroform	<	0.37	50.0	50.5	101	50.0	50.1	100	0.8	75	125	20	890939-001	<	0.37	50.0	48	96	50.0	50.8	102	5.8	70	130	30		
Chloromethane	<	0.24	50.0	54.9	110	50.0	56.7	113	3.3	46	143	20	890939-001	<	0.24	50.0	54	108	50.0	55.8	112	3.2	43	150	30		
cis-1,3-Dichloropropene	<	0.19	50.0	44.4	89	50.0	44	88	1.0	75	125	20	890939-001	<	0.19	50.0	41.7	83	50.0	42.5	85	2.0	70	130	30		
Ethylbenzene	<	0.54	50.0	50.9	102	50.0	49.4	99	3.0	75	125	20	890939-001	<	0.54	50.0	48.2	96	50.0	49.8	100	3.3	70	136	30		
Methylene Chloride	<	0.43	50.0	54.8	110	50.0	55.3	111	0.9	75	125	20	890939-001	<	0.43	50.0	51.3	103	50.0	54.6	109	6.2	70	130	30		
Styrene	<	0.86	50.0	54.9	110	50.0	52.6	105	4.3	75	125	20	890939-001	<	0.86	50.0	44.6	89	50.0	50.6	101	12.5	70	130	30		
Tetrachloroethane	<	0.45	50.0	54.1	108	50.0	52.5	105	3.1	75	130	20	890939-001	<	0.45	50.0	51.8	104	50.0	52.9	106	2.1	70	130	30		
Toluene	<	0.67	50.0	51.3	103	50.0	50	100	2.7	75	125	20	890939-001	<	0.67	50.0	49	98	50.0	50.7	101	3.4	70	130	30		
trans-1,3-Dichloropropene	<	0.19	50.0	47.9	96	50.0	46.7	93	2.5	75	125	20	890939-001	<	0.19	50.0	45.5	91	50.0	45	90	1.1	70	130	30		
Trichloroethene	<	0.48	50.0	53.1	106	50.0	52	104	2.1	75	125	20	890939-001	<	0.48	50.0	50.7	101	50.0	53.1	106	4.6	70	130	30		
Vinyl Chloride	<	0.18	50.0	51.3	103	50.0	50.5	101	1.7	65	130	20	890939-001	<	0.18	50.0	49.3	99	50.0	50.2	100	1.8	62	138	30		
Xylene, Total	<	2.6	150.0	163	109	150.0	156.7	104	4.0	75	125	20	890939-001	<	2.6	150.0	150.1	100	150.0	158.1	105	5.2	70	130	30		
4-Bromofluorobenzene		70%	---	---	80	---	---	81	---	64	132	---	890939-001		68%	---	---	80	---	---	79	---	64	132	---		
Toluene-d8		88%	---	---	94	---	---	93	---	73	127	---	890939-001		87%	---	---	93	---	---	93	---	73	127	---		
Dibromofluoromethane		88%	---	---	87	---	---	87	---	68	122	---	890939-001		96%	---	---	87	---	---	87	---	68	122	---		

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/4/2007

QC Batch Number: 26725

Batch: 891017
Lab Section: WETCHEM
QC Batch Number: 26710
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2339-051MB	WCG2339-051MB
LCS	WCG2339-051MBLCS	WCG2339-051MBLCS
MS	ZM-1DMS	891017-001MS
MSD	ZM-1DMSD	891017-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
ZM-1D	891017-001	MB	ZM-1S	891017-002	MB
ZM-2D	891017-003	MB	ZM-2S	891017-004	MB
ZM-3D	891017-005	MB	ZM-3S	891017-006	MB
ZM-4D	891017-007	MB	ZM-4S	891017-008	MB
DU-07401	891017-009	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%														
Nitrogen, Nitrate	< 0.085	1.6	1.6	100.0		---	---	---	---	90	110	20	891017-001	0.68	1.6	2.2	93.8		1.6	2.2	95.0	0.9	90	110	20		

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/4/2007

QC Batch Number: 26710



CHAIN OF CUSTODY RECORD

75907

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
 Phone 864/281-0030 • Fax 864/281-0288

Filtered (Yes/No)	N	N	N	N
Preserved (Code)	B	E	A	
Analyses Requested	Metals VOC'S NITRATE (48hr H ₂ O ₂)			
Comments:	891017			

Project No. **71238-32** Project/Client: **SAUGAMU, BREAZONLE**
 Project Manager/Contact Person: **M. PARKER / B. BARNES**

Total Number of Containers
 MATRIX

PRESERVED CODES
 A - NONE
 B - HNO₃
 C - H₂SO₄
 D - NaOH
 E - HCl
 F - METHANOL
 G -

Lab No.	Yr. 07 Date	Time	Sample Station ID	Total Number of Containers	MATRIX	1	3	1	1-250MLA	1-500MLB	3-40MLB
001	11/15	0915	ZM-1D	5	GW	1	3	1			
002		0940	ZM-1S								
003		1015	ZM-2D								
004		1040	ZM-2S								
005		1115	ZM-3D								
006		1145	ZM-3S							1-250MLB	
007		1320	ZM-4D								
008	11/15	1345	ZM-4S								
009			DU-07401	5	GW	1	3	1			
010			TBLK 07402	3	DI		3				2-40 MLTB ^B

SPECIAL INSTRUCTIONS

SAMPLER Relinquished by (Signature) <i>K. H. Kelly</i>	Date/Time 11/15/07 1700	Received by (Signature) FED EX	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Turn Around (circle one) Normal Rush
Relinquished by (Signature) FED EX	Date/Time 11/16/07 1025	Received by (Signature) <i>Shelley Busby</i>	Date/Time 11/16/07		Report Due _____
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		(For Lab Use Only) Receipt Temp: _____ Temp Blank D N 0.5°C Receipt pH (Wet Metals) 0.5

Custody Seal: Present/Absent **(C)** Intact/Not Intact Seal #s



Sample Condition Upon Receipt

Client Name: RMT, Inc Project # 891017

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 3.5°C Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 11/12/07 AB
11/11/07

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4. <u>Just signature</u>
Samples Arrived within Hold Time:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>Nitrates</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>AB</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature]

Date: 12/5/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Project Name: SANGAMO BREAZEALE SITE

File

Project Number: 71238.32 TASK 3

RMT - GREENVILLE
ATTN: MARK BAILEY
30 Patewood Drive
Suite 100
GREENVILLE SC 29615-3535

Attached are the following for Batch Number: 892041

- Organic
 Inorganic
 QC Data
 Diskette

Ship By: First Class Mail FedEx
 Priority Mail Other: US Mail

Comments:

QO
- AT, temp, COC, methods, dl, CIL, pass ✓
- Level 2 DC ✓
- TBK ✓
Due to dissolved analyte → total, Mn ✓ for PM-15, PM-35, and Du-07402
should be flagged "j" as estimated.

If you have any questions please call your Client Manager: Tod Noltemeyer

Du-07402 = PM-3D
MEMSD = PM-4D



1241 Bellevue Street, Suite 9
 Green Bay, WI 54302
 920-469-2436, Fax: 920-469-8827

Analytical Report Number: 892041

Client: RMT - GREENVILLE

Lab Contact: Tod Noltemeyer

Project Name: SANGAMO BREAZEALE SITE

Project Number: 71238.32 TASK 3

Lab Sample Number	Field ID	Matrix	Collection Date
892041-001	TBLK-07403	WATER	12/19/07
892041-002	PM-4D	WATER	12/19/07 09:50
892041-003	PM-4S	WATER	12/19/07 10:15
892041-004	PM-2S	WATER	12/19/07 10:40
892041-005	PM-2D	WATER	12/19/07 11:10
892041-006	PM-1S	WATER	12/19/07 12:55
892041-007	PM-1D	WATER	12/19/07 13:25
892041-008	PM-3S	WATER	12/19/07 13:50
892041-009	PM-3D	WATER	12/19/07 14:25
892041-010	DU-07402	WATER	12/19/07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc..



[Handwritten Signature]

12/28/07

Approval Signature

Date

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : TBLK-07403

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 12/21/07 10:30 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Acetone	3.1	J 5.0	1	ug/L	&	12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		12/21/07 10:30 AM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	83	64 132	1	%		12/21/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73 127	1	%		12/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68 122	1	%		12/21/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE

Matrix Type : WATER

Project Name : SANGAMO BREAZEALE SITE

Collection Date : 12/19/07

Project Number : 71238.32 TASK 3

Report Date : 12/28/07

Field ID : PM-4D

Lab Sample Number : 892041-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	450	200	1	ug/L		12/26/07 11:59 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM		Anl By: DLB
Iron	18	B 100	1	ug/L		12/26/07 11:59 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM		Anl By: DLB
Iron - Dissolved	< 100	100	1	ug/L		12/21/07 04:55 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07		Anl By: DLB
Manganese	28	5.0	1	ug/L		12/26/07 11:59 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM		Anl By: DLB
Manganese - Dissolved	26	5.0	1	ug/L		12/21/07 04:55 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07		Anl By: DLB
Nitrogen, Nitrate	0.50	0.40	1	mg/L		12/20/07 05:57 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 12/21/07 12:51 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	16	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Trichloroethene	37	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		12/21/07 12:51 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : PM-4D

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 12/21/07 12:51 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrogate		LCL	UCL					
4-Bromofluorobenzene	82	64	132	1	%	12/21/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	1	%	12/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	1	%	12/21/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : PM-4S

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	120	B 200	1	ug/L	A	12/26/07 12:03 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Iron	< 100	100	1	ug/L		12/26/07 12:03 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Iron - Dissolved	< 100	100	1	ug/L		12/21/07 05:06 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07	Anl By: DLB	
Manganese	350	5.0	1	ug/L		12/26/07 12:03 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Manganese - Dissolved	340	5.0	1	ug/L		12/21/07 05:06 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07	Anl By: DLB	
Nitrogen, Nitrate	0.26	B 0.40	1	mg/L		12/20/07 06:33 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLH	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 10	10	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
2-Butanone	< 25	25	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 25	25	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 25	25	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Acetone	< 25	25	5	ug/L	&	12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Benzene	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Bromoform	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Bromomethane	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Chloroethane	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Chloroform	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Chloromethane	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Styrene	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	190	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Toluene	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Trichloroethene	320	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 5.0	5.0	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 15	15	5	ug/L		12/21/07 2:49 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 892041

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : PM-4S

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-003

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 12/21/07 2:49 PM Anl By: SMT

Analyte	Result	EQL		Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrogate		LCL	UCL						
4-Bromofluorobenzene	81	64	132	5	%		12/21/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73	127	5	%		12/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	101	68	122	5	%		12/21/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : PM-2S

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	84	B 200	1	ug/L	A	12/26/07 12:07 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM		Anl By: DLB
Iron	44	B 100	1	ug/L		12/26/07 12:07 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM		Anl By: DLB
Iron - Dissolved	< 100	100	1	ug/L		12/21/07 05:18 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07		Anl By: DLB
Manganese	2200	5.0	1	ug/L		12/26/07 12:07 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM		Anl By: DLB
Manganese - Dissolved	2000	5.0	1	ug/L		12/21/07 05:18 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07		Anl By: DLB
Nitrogen, Nitrate	0.36	B 0.40	1	mg/L		12/20/07 06:45 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Chloroform	1.7	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	73	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Trichloroethene	150	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		12/24/07 8:30 AM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : PM-2S

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-004

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 12/24/07 8:30 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrogate		LCL	UCL					
4-Bromofluorobenzene	83	64	132	1	%	12/24/07	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	1	%	12/24/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68	122	1	%	12/24/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : PM-2D

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	4000	B 20000	100	ug/L		12/26/07 09:46 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM		Anl By: DLB
Iron	< 10000	10000	100	ug/L	C	12/26/07 09:46 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM		Anl By: DLB
Iron - Dissolved	< 10000	10000	100	ug/L	C	12/21/07 05:22 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07		Anl By: DLB
Manganese	420000	500	100	ug/L		12/26/07 09:46 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM		Anl By: DLB
Manganese - Dissolved	430000	500	100	ug/L		12/21/07 05:22 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07		Anl By: DLB
Nitrogen, Nitrate	< 400	400	1000	mg/L	C	12/20/07 08:23 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:		Anl By: GLH

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : PM-1S

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	140	B 200	1	ug/L	A	12/26/07 12:15 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Iron	55	B 100	1	ug/L		12/26/07 12:15 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Iron - Dissolved	< 100	100	1	ug/L		12/21/07 05:26 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07	Anl By: DLB	
Manganese	400	5.0	1	ug/L		12/26/07 12:15 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Manganese - Dissolved	420	5.0	1	ug/L	1	12/21/07 05:26 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07	Anl By: DLB	
Nitrogen, Nitrate	0.64	0.40	1	mg/L		12/20/07 07:10 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLH	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 12/21/07 1:15 PM	Anl By: SMT	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	2.3	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Trichloroethene	9.7	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		12/21/07 1:15 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE

Project Name : SANGAMO BREAZEALE SITE

Project Number : 71238.32 TASK 3

Field ID : PM-1S

Matrix Type : WATER

Collection Date : 12/19/07

Report Date : 12/28/07

Lab Sample Number : 892041-006

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 12/21/07 1:15 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrogate		LCL UCL						
4-Bromofluorobenzene	81	64 132	1	%		12/21/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73 127	1	%		12/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68 122	1	%		12/21/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : PM-1D

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	700	200	1	ug/L		12/26/07 12:19 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Iron	84	B 100	1	ug/L		12/26/07 12:19 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Iron - Dissolved	< 100	100	1	ug/L		12/21/07 05:30 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07	Anl By: DLB	
Manganese	34	5.0	1	ug/L		12/26/07 12:19 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Manganese - Dissolved	29	5.0	1	ug/L		12/21/07 05:30 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07	Anl By: DLB	
Nitrogen, Nitrate	0.64	0.40	1	mg/L		12/20/07 07:22 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLH	

VOLATILES 3.4 LIST (TOT. 12DCE & TOT. XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		12/21/07 1:38 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : PM-1D

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-007

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 12/21/07 1:38 PM Anl By: SMT

Analyte	Result	EQL		Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrogate		LCL	UCL						
4-Bromofluorobenzene	81	64	132	1	%		12/21/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%		12/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	98	68	122	1	%		12/21/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 892041

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : PM-3S

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	67	B 200	1	ug/L	A	12/26/07 12:23 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM Anl By: DLB		
Iron	18	B 100	1	ug/L		12/26/07 12:23 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM Anl By: DLB		
Iron - Dissolved	< 100	100	1	ug/L		12/21/07 05:34 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07 Anl By: DLB		
Manganese	900	5.0	1	ug/L		12/26/07 12:23 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM Anl By: DLB		
Manganese - Dissolved	970	5.0	1	ug/L	1	12/21/07 05:34 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07 Anl By: DLB		
Nitrogen, Nitrate	0.18	B 0.40	1	mg/L		12/20/07 07:58 PM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLH		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 12/21/07 3:36 PM Anl By: SMT		
1,1,1-Trichloroethane	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 5.0	5.0	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
2-Butanone	< 12	12	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 12	12	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 12	12	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Acetone	< 12	12	2.5	ug/L	&	12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Benzene	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Bromoform	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Bromomethane	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Chloroethane	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Chloroform	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Chloromethane	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Styrene	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	52	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Toluene	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Trichloroethene	150	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 2.5	2.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 7.5	7.5	2.5	ug/L		12/21/07 3:36 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE

Project Name : SANGAMO BREAZEALE SITE

Project Number : 71238.32 TASK 3

Field ID : PM-3S

Matrix Type : WATER

Collection Date : 12/19/07

Report Date : 12/28/07

Lab Sample Number : 892041-008

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 12/21/07 3:36 PM Anl By: SMT

Analyte	Result	EQL		Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrogate		LCL	UCL						
4-Bromofluorobenzene	81	64	132	2.5	%		12/21/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	2.5	%		12/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	2.5	%		12/21/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : PM-3D

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	130	B 200	1	ug/L	A	12/26/07 12:27 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Iron	< 100	100	1	ug/L		12/26/07 12:27 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Iron - Dissolved	< 100	100	1	ug/L		12/21/07 05:38 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07	Anl By: DLB	
Manganese	25	5.0	1	ug/L		12/26/07 12:27 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Manganese - Dissolved	25	5.0	1	ug/L		12/21/07 05:38 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07	Anl By: DLB	
Nitrogen, Nitrate	0.61	0.40	1	mg/L		12/20/07 08:11 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLH	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 12/21/07 2:02 PM	Anl By: SMT	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		12/21/07 2:02 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 892041

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : SANGAMO BREAZEALE SITE

Project Number : 71238.32 TASK 3

Field ID : PM-3D

Matrix Type : WATER

Collection Date : 12/19/07

Report Date : 12/28/07

Lab Sample Number : 892041-009

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 12/21/07 2:02 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrogate		LCL	UCL					
4-Bromofluorobenzene	81	64	132	1	%	12/21/07	SW846 5030B	SW846 8260B
Toluene-d8	102	73	127	1	%	12/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	100	68	122	1	%	12/21/07	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : DU-07402

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-010

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	130	B 200	1	ug/L	A	12/26/07 12:31 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Iron	< 100	100	1	ug/L		12/26/07 12:31 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Iron - Dissolved	< 100	100	1	ug/L		12/21/07 05:42 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07	Anl By: DLB	
Manganese	23	5.0	1	ug/L		12/26/07 12:31 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/21/07 09:05 AM	Anl By: DLB	
Manganese - Dissolved	27	5.0	1	ug/L	1	12/21/07 05:42 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/21/07	Anl By: DLB	
Nitrogen, Nitrate	0.60	0.40	1	mg/L		12/20/07 06:57 PM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLH	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 12/21/07 2:25 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L	&	12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		12/21/07 2:25 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : DU-07402

Matrix Type : WATER
Collection Date : 12/19/07
Report Date : 12/28/07
Lab Sample Number : 892041-010

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 12/21/07 2:25 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrogate	LCL UCL							
4-Bromofluorobenzene	82	64 132	1	%		12/21/07	SW846 5030B	SW846 8260B
Toluene-d8	101	73 127	1	%		12/21/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	101	68 122	1	%		12/21/07	SW846 5030B	SW846 8260B

Lab Number	TestGroupID	Field ID	Comment
892041-	M-CA-W	All Samples	A - Analyte is detected in the method blank at a concentration of 9.7 ug/L.
892041-005	M-FE-D	PM-2D	C - Elevated detection limit due to matrix effect. The sample is very high in Mn.
892041-005	M-FE-W	PM-2D	C - Elevated detection limit due to matrix effect. The sample is very high in Mn.

Qualifier Codes

Flag Applies To Explanation

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	892041-001	892041-002	892041-003	892041-004	892041-005	892041-006	892041-007	892041-008	892041-009	892041-010
CALCIUM	B	B	B	B	B	B	B	B	B	B
IRON	B	B	B	B	B	B	B	B	B	B
IRON - DISSOLVED	B	B	B	B	B	B	B	B	B	B
MANGANESE	B	B	B	B	B	B	B	B	B	B
MANGANESE - DISSOLVED	B	B	B	B	B	B	B	B	B	B
NITROGEN, NITRATE	B	B	B	B	B	B	B	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G		G	G	G	G	G

Code	SC Certification
B	83006001
G	83006001

Batch: 892041
Lab Section: METALS
QC Batch Number: 27701
Prep Method: SW846 3010A
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2267-100	MBWMTG2267-100
LCS	LCSWMTG2267-100	LCSWMTG2267-100
MS	892037-001MS	892037-001MS
MSD	892037-001MSD	892037-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PM-4D	892041-002	MB	PM-4S	892041-003	MB
PM-2S	892041-004	MB	PM-2D	892041-005	MB
PM-1S	892041-006	MB	PM-1D	892041-007	MB
PM-3S	892041-008	MB	PM-3D	892041-009	MB
DU-07402	892041-010	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Calcium	J	9.7	5000.00	5148	103.0	--	--	--	--	80	120	20	892037-001	74670.0	5000.00	81190	130.4	+	5000.00	77710	60.8	+	4.4	75	125	20	
Iron	<	7.2	5000.0	5224	104.5	--	--	--	--	80	120	20	892037-001	380.30	5000.0	5732	107.0		5000.0	5527	102.9		3.6	75	125	20	
Manganese	<	0.66	500.0	522.8	104.6	--	--	--	--	80	120	20	892037-001	58.10	500.0	590.2	106.4		500.0	567.8	101.9		3.9	75	125	20	

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/28/2007

QC Batch Number: 27701

Batch: 892041
Lab Section: METALS
QC Batch Number: 27716
Prep Method: SW846 6010B
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBDMTG2363-05	MBDMTG2363-05
LCS	LCSDMTG2363-05	LCSDMTG2363-05
MS	PM-4DMS	892041-002MS
MSD	PM-4DMSD	892041-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PM-4D	892041-002	MB	PM-4S	892041-003	MB
PM-2S	892041-004	MB	PM-2D	892041-005	MB
PM-1S	892041-006	MB	PM-1D	892041-007	MB
PM-3S	892041-008	MB	PM-3D	892041-009	MB
DU-07402	892041-010	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%								Conc	%	C		Conc	%	C
Iron - Dissolved	< 6.9	5000.0	5546	110.9	C	--	--	--	--	80	120	20	892041-002	< 6.9	5000.0	5662	113.2	C	5000.0	5722	114.4	C	1.1	75	125	20	
Manganese - Dissolved	< 0.48	500.0	544.1	108.8	C	--	--	--	--	80	120	20	892041-002	26.29	500.0	594.2	113.6	C	500.0	593.7	113.5	C	0.1	75	125	20	

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/28/2007

QC Batch Number: 27716

Batch: 892041
Lab Section: WETCHEM
QC Batch Number: 27689
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2377-009MB	WCG2377-009MB
LCS	WCG2377-009MBLCS	WCG2377-009MBLCS
MS	PM-4DMS	892041-002MS
MSD	PM-4DMSD	892041-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
PM-4D	892041-002	MB	PM-4S	892041-003	MB
PM-2S	892041-004	MB	PM-2D	892041-005	MB
PM-1S	892041-006	MB	PM-1D	892041-007	MB
PM-3S	892041-008	MB	PM-3D	892041-009	MB
DU-07402	892041-010	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS/ LCS/ RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD Control Limits		
			Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C	LCL	UCL	RPD
							%	%	%								%	%	%	%	%	%
Nitrogen, Nitrate	< 0.085	1.6	1.6	101.9		90	110	20	892041-002	0.50	1.6	2	93.8	1.6	2	95.0	1.0	90	110	20		

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/28/2007

QC Batch Number: 27689



CHAIN OF CUSTODY RECORD

75810

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
 Phone 864/281-0030 • Fax 864/281-0288

Filtered (Yes/No)	N	N	Y	N
Preserved (Code)	E	B	B	A

Project No. **T3**
71238.32
 Project/Client:
Sangamo Breazeale Site
 Project Manager/Contact Person:
M. Parker/B. Barnes

Lab No.	Yr.	Date	Time	Sample Station ID
---------	-----	------	------	-------------------

Total Number of Containers
 MATRIX

Analyses Requested	VOCs																			
	Metals																			
	Diss. Metals																			
	Nitrate																			

PRESERVED CODES
 A — NONE
 B — HNO₃
 C — H₂SO₄
 D — NaOH
 E — HCl
 F — METHANOL
 G — _____

001	—	—	—	TBLK-07403	3	DI	X														3-ADMIB	
002	12/19	0950		PM-4D	6	GW	X	X	X	X												2-500MIB, 1-250MIB
003		1015		PM-4S	6		X	X	X	X												
004		1040		PM-2S	6		X	X	X	X												
005		1110		PM-2D	6		X	X	X	X												Purple
006		1255		PM-1S	6		X	X	X	X												
007		1325		PM-1D	6		X	X	X	X												
008		1350		PM-3S	6		X	X	X	X												
009		1425		PM-3D	6		X	X	X	X												
010	—	—	—	DU-07402	6		X	X	X	X												

SPECIAL INSTRUCTIONS

8468-9672-3252

SAMPLER Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time	HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list)	Turn Around (circle one) Normal Rush		
<i>[Signature]</i>	12-19-07	FedEx	12-19-07		Report Due _____		
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time		(For Lab Use Only)		
FED EX	12/20/07	1145	<i>[Signature]</i>	12/20/07	1145	Receipt Temp: 10.5°C	Receipt pH
Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time			Temp Blank <input checked="" type="radio"/> N	(Wet/Metals)
							OK

Custody Seal: Present/Absent Intact/Not Intact Seal #s



Sample Condition Upon Receipt

Client Name: RMT

Project # 892041

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 1.5°C Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 12/21/07 AB
12/21/07

Temp should be above freezing to 6°C Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10. <u>1-40 ml^l for PM-15 rec'd broken</u>
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <u>Did not ph "PM-2B" because sample is KMnO4 solution</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed | Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16. <u>Non Pace TB</u>
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ Field Data Required? Y / N

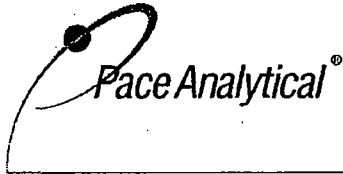
Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AA

Date: 12/21/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)



1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

File

Analytical Report Number: 892113

Client: RMT - GREENVILLE

Lab Contact: Tod Noltemeyer

Project Name: SANGAMO BREAZEAL SITE

Project Number: 71238.32 TASK 3

Lab Sample Number	Field ID	Matrix	Collection Date
892113-001	TBLK-07404	WATER	12/20/07
892113-002	BRMW-02	WATER	12/20/07 09:40
892113-003	BRMW-02A	WATER	12/20/07 12:30

QC

- HI, temp, COC, method, dl, CRU, pres -
- Level 2 QC -
- TBLK -

Due to detection in TBLK, CA for BRMW-02 should be changed "u" as an unconfirmed detection

AS MS - BRMW-02

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



[Handwritten Signature]

1/2/08

Approval Signature

Date

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : TBLK-07404

Matrix Type : WATER
Collection Date : 12/20/07
Report Date : 12/31/07
Lab Sample Number : 892113-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 12/26/07 4:14 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Acetone	5.1	5.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		12/26/07 4:14 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	84	64 132	1	%		12/26/07	SW846 5030B	SW846 8260B
Toluene-d8	100	73 127	1	%		12/26/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	97	68 122	1	%		12/26/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 892113

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : BRMW-02

Matrix Type : WATER
Collection Date : 12/20/07
Report Date : 12/31/07
Lab Sample Number : 892113-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	41	B 200	1	ug/L	A	12/27/07 04:22 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/27/07 08:00 AM Anl By: DLB		
Iron	< 100	100	1	ug/L	A	12/27/07 04:22 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/27/07 08:00 AM Anl By: DLB		
Iron - Dissolved	< 100	100	1	ug/L		12/26/07 11:42 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/26/07 Anl By: DLB		
Manganese	210	5.0	1	ug/L		12/27/07 04:22 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/27/07 08:00 AM Anl By: DLB		
Manganese - Dissolved	190	5.0	1	ug/L		12/27/07 12:06 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/26/07 Anl By: DLB		
Nitrogen, Nitrate	0.23	B 0.40	1	mg/L		12/22/07 06:17 AM	EPA 300.0	EPA 300.0
						Prep Date/Time: Anl By: GLH		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 12/26/07 9:20 PM Anl By: SMT		
1,1,1-Trichloroethane	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 5.0	5.0	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
2-Butanone	< 12	12	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 12	12	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 12	12	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Acetone	< 12	12	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Benzene	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Bromoform	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Bromomethane	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Chloroethane	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Chloroform	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Chloromethane	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Styrene	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	68	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Toluene	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Trichloroethene	150	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 2.5	2.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 7.5	7.5	2.5	ug/L		12/26/07 9:20 PM	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : BRMW-02

Matrix Type : WATER
Collection Date : 12/20/07
Report Date : 12/31/07
Lab Sample Number : 892113-002

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 12/26/07 9:20 PM Anl By: SMT

Analyte	Result	EQL		Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrogate		LCL	UCL						
4-Bromofluorobenzene	83	64	132	2.5	%		12/26/07	SW846 5030B	SW846 8260B
Toluene-d8	99	73	127	2.5	%		12/26/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	105	68	122	2.5	%		12/26/07	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 892113

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : BRMW-02A

Matrix Type : WATER
Collection Date : 12/20/07
Report Date : 12/31/07
Lab Sample Number : 892113-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Calcium	8600	200	1	ug/L		12/27/07 04:33 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/27/07 08:00 AM	Anl By: DLB	
Iron	< 100	100	1	ug/L	A	12/27/07 04:33 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/27/07 08:00 AM	Anl By: DLB	
Iron - Dissolved	< 100	100	1	ug/L		12/26/07 11:46 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/26/07	Anl By: DLB	
Manganese	1.1	B 5.0	1	ug/L		12/27/07 04:33 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 12/27/07 08:00 AM	Anl By: DLB	
Manganese - Dissolved	1.1	B 5.0	1	ug/L		12/27/07 12:10 PM	SW846 6010B	SW846 6010B
						Prep Date/Time: 12/26/07	Anl By: DLB	
Nitrogen, Nitrate	0.89	0.40	1	mg/L		12/22/07 08:31 AM	EPA 300.0	EPA 300.0
						Prep Date/Time:	Anl By: GLH	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 12/26/07 7:46 PM	Anl By: SMT	
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Trichloroethene	0.52	J 1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		12/26/07 7:46 PM	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 892113

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32 TASK 3
Field ID : BRMW-02A

Matrix Type : WATER
Collection Date : 12/20/07
Report Date : 12/31/07
Lab Sample Number : 892113-003

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 12/26/07 7:46 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Surrögate		LCL	UCL					
4-Bromofluorobenzene	85	64	132	1	%	12/26/07	SW846 5030B	SW846 8260B
Toluene-d8	100	73	127	1	%	12/26/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	99	68	122	1	%	12/26/07	SW846 5030B	SW846 8260B

Lab Number	TestGroupID	Field ID	Comment
892113-002	M-CA-W	BRMW-02	A - Analyte is detected in the method blank at a concentration of 45 ug/L.
892113-002	M-FE-W	BRMW-02	A - Analyte is detected in the method blank at a concentration of 19 ug/L.
892113-003	M-FE-W	BRMW-02A	A - Analyte is detected in the method blank at a concentration of 19 ug/L.

Qualifier Codes

Flag Applies To Explanation

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	892113-001	892113-002	892113-003
CALCIUM	B	B	B
IRON	B	B	B
IRON - DISSOLVED	B	B	B
MANGANESE	B	B	B
MANGANESE - DISSOLVED	B	B	B
NITROGEN, NITRATE	B	B	B
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G

Code	SC Certification
B	83006001
G	83006001

Batch: 892113
Lab Section: METALS
QC Batch Number: 27784
Prep Method: SW846 6010B
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MTG2363-06MB	MTG2363-06MB
MB	MBDMTG2363-06	MBDMTG2363-06
LCS	MTG2363-06LCS	MTG2363-06LCS
LCS	LCSDMTG2363-06	LCSDMTG2363-06
MS	892025-001MS	892025-001MS
MSD	892025-001MSD	892025-001MSD

Client Sample ID	Lab Sample ID	MB ID
BRMW-02	892113-002	MB

Client Sample ID	Lab Sample ID	MB ID
BRMW-02A	892113-003	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
			%	%	%		%	%	%		%	%	%				%	%	%		%	%	%		%	%	%
Iron - Dissolved	< 6.9	5000.00	5507	110.1		--	--	--	--	80	120	20	892025-001	36780.0	5000.00	41020	84.8	+	5000.00	41220	88.8	+	0.5		75	125	20
Manganese - Dissolved	< 0.48	500.00	528.3	105.7		--	--	--	--	80	120	20	892025-001	2099.0	500.00	2570	94.2	+	500.00	2585	97.2	+	0.6		75	125	20

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/31/2007

QC Batch Number: 27784

Batch: 892113
Lab Section: METALS
QC Batch Number: 27817
Prep Method: SW846 3010A
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2375-02	MBWMTG2375-02
LCS	LCSWMTG2375-02	LCSWMTG2375-02
MS	BRMW-02MS	892113-002MS
MSD	BRMW-02MSD	892113-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-02	892113-002	MB	BRMW-02A	892113-003	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MS Spiked Conc	MS Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Calcium	J 45	5000.0	4859	97.2		---	---	---	---	80	120	20	892113-002	40.970	5000.0	4709	93.4		5000.0	4750	94.2		0.9	75	125	20	
Iron	J 19	5000.0	5071	101.4		---	---	---	---	80	120	20	892113-002	< 7.2	5000.0	4858	97.2		5000.0	4893	97.9		0.7	75	125	20	
Manganese	< 0.66	500.0	498.7	99.7		---	---	---	---	80	120	20	892113-002	211.6	500.0	679.4	93.6		500.0	693.2	96.3		2.0	75	125	20	

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/31/2007

QC Batch Number: 27817

Batch: 892113
Lab Section: VOA
QC Batch Number: 27753
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2366-72MB	vog2366-72MB
LCS	vog2366-72LCS	vog2366-72LCS
LCSD	vog2366-72LCSD	vog2366-72LCSD
MS	892112-005MS	892112-005MS
MS	891773-001MS	891773-001MS
MSD	892112-005MSD	892112-005MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
TBLK-07404	892113-001	MB	BRMW-02	892113-002	MB
BRMW-02A	892113-003	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
			%	%	%		%	%	%		%	%	%				%	%	%		%	%	%		%	%	%
1,1-Dichloroethene	--	0	--	--	--	--	--	--	--	--	--	--	891773-001	< 0.0028	0.25	0.29	117	--	--	--	--	--	--	70	135	30	
1,2-Dichloroethane	--	0	--	--	--	--	--	--	--	--	--	--	891773-001	< 0.0018	0.25	0.23	92	--	--	--	--	--	--	70	130	30	
2-Butanone	--	0	--	--	--	--	--	--	--	--	--	--	891773-001	< 0.022	0.25	0.23	92	--	--	--	--	--	--	51	130	30	
Benzene	--	0	--	--	--	--	--	--	--	--	--	--	891773-001	< 0.002	0.25	0.27	108	--	--	--	--	--	--	70	130	30	
Carbon Tetrachloride	--	0	--	--	--	--	--	--	--	--	--	--	891773-001	< 0.0025	0.25	0.26	102	--	--	--	--	--	--	70	131	30	
Chlorobenzene	--	0	--	--	--	--	--	--	--	--	--	--	891773-001	< 0.002	0.25	0.25	102	--	--	--	--	--	--	70	130	30	
Chloroform	--	0	--	--	--	--	--	--	--	--	--	--	891773-001	< 0.0018	0.25	0.25	99	--	--	--	--	--	--	70	130	30	
Tetrachloroethene	--	0	--	--	--	--	--	--	--	--	--	--	891773-001	< 0.0022	0.25	0.26	106	--	--	--	--	--	--	70	130	30	
Trichloroethene	--	0	--	--	--	--	--	--	--	--	--	--	891773-001	< 0.0024	0.25	0.26	105	--	--	--	--	--	--	70	130	30	
Vinyl Chloride	--	0	--	--	--	--	--	--	--	--	--	--	891773-001	< 0.0009	0.25	0.28	112	--	--	--	--	--	--	62	138	30	
4-Bromofluorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	891773-001	82%	--	--	88	--	--	--	--	--	--	64	132	--	
Toluene-d8	--	--	--	--	--	--	--	--	--	--	--	--	891773-001	99%	--	--	100	--	--	--	--	--	--	73	127	--	
Dibromofluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	891773-001	95%	--	--	95	--	--	--	--	--	--	68	122	--	
1,1,1-Trichloroethane	< 0.9	50.000	47.6	95	50.000	51.2	102	7.3	75	128	20	892112-005	1224.2	50.000	1576.8	705	N	50.000	1295.5	142	N	19.6	70	130	30		
1,1,2,2-Tetrachloroethane	< 0.2	50.0	49.3	99	50.0	48.3	97	2.0	67	125	20	892112-005	< 5	50.0	51	102	50.0	51.4	103	0.7	70	130	30				
1,1,2-Trichloroethane	< 0.42	50.0	50.3	101	50.0	50	100	0.5	75	125	20	892112-005	< 10	50.0	52.6	105	50.0	51.9	104	1.4	70	130	30				
1,1-Dichloroethane	< 0.75	50.000	50	100	50.000	52.3	105	4.7	71	130	20	892112-005	2786.0	50.000	2357.8	-856	N	50.000	2187.1	-1198	N	7.5	70	130	30		
1,1-Dichloroethene	< 0.57	50.00	54.4	109	50.00	56.7	113	4.2	75	125	20	892112-005	375.3	50.00	571.1	392	N	50.00	529.5	308	N	7.6	70	135	30		
1,2-Dichloroethane	< 0.36	50.0	45	90	50.0	46.5	93	3.3	71	132	20	892112-005	< 9	50.0	50.9	102	50.0	49.3	99	3.1	70	130	30				
1,2-Dichloroethane, Total	< 1.4	100	100.4	100	100	107	107	6.4	75	125	20	892112-005	0.00	100	98.6	99	100	98.8	99	0.1	70	130	30				
1,2-Dichloropropane	< 0.46	50.0	51.5	103	50.0	53.1	106	3.0	73	125	20	892112-005	< 12	50.0	50.8	102	50.0	51	102	0.3	70	130	30				
2-Butanone	< 4.3	50.0	47.7	95	50.0	45.3	91	5.2	59	130	20	892112-005	0.00	50.0	53.5	107	50.0	48.7	97	9.3	51	130	30				

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/31/2007

QC Batch Number: 27753

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
			%	%	%		%	%	%		%	%	%				%	%	%		%	%	%		%	%	%
2-Hexanone	<	1.1	50.0	37.4	75	50.0	36.2	72	3.3	51	125	20	892112-005	0.00	50.0	42.2	84	50.0	41.2	82	2.3	53	130	30			
4-Methyl-2-pentanone	<	1.2	50.0	43.2	86	50.0	39.3	79	9.3	59	125	20	892112-005	0.00	50.0	44.9	90	50.0	45.7	91	1.9	62	130	30			
Acetone	<	2.3	50.0	52.3	105	50.0	47.2	94	10.3	31	150	20	892112-005	0.00	50.0	72.2	144	N	50.0	59.4	119	19.4	42	132	30		
Benzene	<	0.41	50.0	51.9	104	50.0	53.9	108	3.7	75	125	20	892112-005	<	10	50.0	50	100	50.0	49.9	100	0.3	70	130	30		
Bromodichloromethane	<	0.56	50.0	48.9	98	50.0	50.9	102	3.9	75	125	20	892112-005	<	14	50.0	49.5	99	50.0	49.4	99	0.4	70	130	30		
Bromoform	<	0.94	50.0	49.7	99	50.0	48.8	98	1.8	75	125	20	892112-005	<	24	50.0	51.5	103	50.0	52	104	0.9	70	130	30		
Bromomethane	<	0.91	50.0	46.8	94	50.0	49.7	99	6.0	66	125	20	892112-005	<	23	50.0	56.1	112	50.0	56.9	114	1.4	63	147	30		
Carbon Disulfide	<	0.66	50.0	54.5	109	50.0	55.8	112	2.5	71	128	20	892112-005	0.00	50.0	58.5	117	50.0	58	116	0.9	56	142	30			
Carbon Tetrachloride	<	0.49	50.0	49.3	99	50.0	52.8	106	6.9	75	125	20	892112-005	<	12	50.0	49.7	99	50.0	49	98	1.4	70	131	30		
Chlorobenzene	<	0.41	50.0	51.3	103	50.0	51.7	103	0.8	75	125	20	892112-005	<	10	50.0	51	102	50.0	50.1	100	2.0	70	130	30		
Chlorodibromomethane	<	0.81	50.0	49.1	98	50.0	49.5	99	0.9	75	125	20	892112-005	<	20	50.0	50.6	101	50.0	50.1	100	0.8	70	130	30		
Chloroethane	<	0.97	50.0	50.2	100	50.0	51.4	103	2.3	72	126	20	892112-005	<	24	50.0	68.7	137	50.0	73.4	147	N	6.5	67	138	30	
Chloroform	<	0.37	50.0	48.6	97	50.0	51.4	103	5.6	75	125	20	892112-005	<	9.2	50.0	47.5	95	50.0	47.4	95	0.2	70	130	30		
Chloromethane	<	0.24	50.0	37	74	50.0	37.1	74	0.3	46	143	20	892112-005	<	6	50.0	49	98	50.0	50.5	101	3.1	43	150	30		
cis-1,3-Dichloropropene	<	0.19	50.0	49.3	99	50.0	50.3	101	2.0	75	125	20	892112-005	<	4.8	50.0	49.7	99	50.0	49.7	99	0.1	70	130	30		
Ethylbenzene	<	0.54	50.0	51.5	103	50.0	52.6	105	2.1	75	125	20	892112-005	<	14	50.0	51.1	102	50.0	50.3	101	1.6	70	136	30		
Methylene Chloride	<	0.43	50.0	51.9	104	50.0	52.6	105	1.3	75	125	20	892112-005	<	11	50.0	53.5	107	50.0	52.4	105	2.1	70	130	30		
Styrene	<	0.86	50.0	51	102	50.0	51.6	103	1.1	75	125	20	892112-005	<	22	50.0	50.4	101	50.0	49.1	98	2.6	70	130	30		
Tetrachloroethane	<	0.45	50.0	52.7	105	50.0	53.8	108	2.0	75	130	20	892112-005	<	11	50.0	52.8	106	50.0	51.5	103	2.4	70	130	30		
Toluene	<	0.67	50.0	52.2	104	50.0	52.4	105	0.4	75	125	20	892112-005	<	17	50.0	51.9	104	50.0	51.6	103	0.6	70	130	30		
trans-1,3-Dichloropropene	<	0.19	50.0	46.7	93	50.0	47.1	94	1.0	75	125	20	892112-005	<	4.8	50.0	48.2	96	50.0	47.6	95	1.3	70	130	30		
Trichloroethene	<	0.48	50.0	52.5	105	50.0	54.2	108	3.2	75	125	20	892112-005	<	12	50.0	52.5	105	50.0	52	104	1.1	70	130	30		
Vinyl Chloride	<	0.18	50.0	42.3	85	50.0	42.2	84	0.4	65	130	20	892112-005	<	4.5	50.0	59.5	119	50.0	57.6	115	3.3	62	138	30		
Xylene, Total	<	2.6	150.0	158.2	105	150.0	160.3	107	1.3	75	125	20	892112-005	0.000	150.0	156.2	104	150.0	154	103	1.4	70	130	30			
4-Bromofluorobenzene		85%	---	---	89	---	---	90	---	64	132	---	892112-005	85%	---	---	89	---	---	89	---	64	132	---			
Toluene-d8		99%	---	---	101	---	---	100	---	73	127	---	892112-005	100%	---	---	101	---	---	101	---	73	127	---			
Dibromofluoromethane		92%	---	---	95	---	---	99	---	68	122	---	892112-005	94%	---	---	88	---	---	88	---	68	122	---			

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/31/2007

QC Batch Number: 27753

Batch: 892113
Lab Section: WETCHEM
QC Batch Number: 27709
Prep Method: EPA 300.0
Analytical Method: EPA 300.0

QC Type	Client Sample ID	Lab Sample ID
MB	WCG2377-010MB	WCG2377-010MB
LCS	WCG2377-010MBLCS	WCG2377-010MBLCS
MS	892072-005MS	892072-005MS
MSD	892072-005MSD	892072-005MSD

Client Sample ID	Lab Sample ID	MB ID
BRMW-02	892113-002	MB

Client Sample ID	Lab Sample ID	MB ID
BRMW-02A	892113-003	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Nitrogen, Nitrate	< 0.085	1.6	1.5	92.5		--	--	--	--	90	110	20	892072-005	< 0.085	1.6	1.4	90.6		1.6	1.4	88.8	N	2.1	90	110	20	

Conc = mg/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 12/31/2007

QC Batch Number: 27709



CHAIN OF CUSTODY RECORD

75811

892113

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
Phone 864/281-0030 • Fax 864/281-0288

Project No. T3
71238.32 Project/Client: Sangamo Breazeale Site
Project Manager/Contact Person: M. Parker/B. Barnes

Lab No.	Date	Time	Sample Station ID	Total Number of Containers	MATRIX
001	—	—	TBLK-07404	3	DI
002	12/20	0940	BRMW-02	6	GW
003	12/20	1230	BRMW-02A	6	GW

Filtered (Yes/No)	N	N	Y	N
Preserved (Code)	E	B	B	A
Analyses Requested	/	/	/	/
VOLs	/	/	/	/
Metals	/	/	/	/
Diss. Metals	/	/	/	/
Nitrate	/	/	/	/

PRESERVED CODES
 A — NONE
 B — HNO₃
 C — H₂SO₄
 D — NaOH
 E — HCl
 F — METHANOL
 G — _____

Comments:
 3-40 mL
 2-500 mL Poly, 1-250 mL Poly, 340 mL
 ↓

SPECIAL INSTRUCTIONS

8468-9672-3171

SAMPLER Relinquished by (Signature) <u>J. Oll</u> Date/Time <u>12-20-07</u>	Received by (Signature) <u>FedEx</u> Date/Time <u>12-20-07</u>	HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Turn Around (circle one) Normal Rush
Relinquished by (Signature) <u>FedEx</u> Date/Time <u>12/21/250</u>	Received by (Signature) <u>K. Oll</u> Date/Time <u>12/21/250</u>		Report Due _____
Relinquished by (Signature) _____ Date/Time _____	Received by (Signature) _____ Date/Time _____		(For Lab Use Only) Receipt Temp: <u>2.0°C</u> Receipt pH _____ Temp Blank Y N (Wet/Metals) <u>OK</u>

Custody Seal: Present Absent Intact/Not Intact Seal #s _____

892113

1.5

Work Order for ... Sangamo, Breazeale Site -20-Week Performance Sampling

Project: Sangamo - Breazeale Site RMT Project Manager: Mike Parker Pace Analytical Services, Inc.
 Project Number: 71238.32 task 3 RMT Project Contact: Britney Barnes 1241 Bellevue Street Suite 9
 Sample Date: Week of December 19, 2007 RMT Alternate Contacts: Beth Kaupa Greenbay, WI 54302
 Type of Turnaround: Standard WO Prepared By/Date: BHK Ph: 920-469-2436 Fax: 920-469-8827
 QC Package: Level 2 Contact: Tod Noltemeyer
 RMT-Format EDD 608-232-3300 x302

Must meet the Federal MCLs.

STATION	Metals: Cu, Fe, Mn Method: 6010/6020	Field Dissolved Metals: Fe, Mn	VOCs: TCE, PCE Method: 8260B	Nitrate Method: 300.0	Field pH, Temp, Spec Cond, Turbidity, DO, ORP	Notes
PM-1S	X	X	X	X	X	Collect water levels on all wells and recovery wells
PM-1D	X	X	X	X	X	Full round of field parameters for all wells on this WO.
PM-2S	X	X	X	X	X	Ship daily, 48 hr Nitrate hold time.
PM-2D	X	X	X	X	X	Field filter dissolved Mn and Fe.
PM-3S	X	X	X	X	X	
PM-3D	X	X	X	X	X	Note color in permanganate area wells. If purple
PM-4S	X	X	X	X	X	wells purge water other than PM-2D, call Britney Barnes
PM-4D	X	X	X	X	X	additional wells may be sampled for chemical analysis
BRMW-02	X	X	X	X	X	
BRMW-02A	X	X	X	X	X	
BRMW-03					X	
BRMW-03A					X	
BRMW-03B					X	
BRMW-05					X	
BRMW-05A					X	
BRMW-05B					X	
BRMW-07					X	
BRMW-11					X	
BRMW-14					X	
BRMW-14A					X	
ZM-1S					X	
ZM-1D					X	
ZM-2S					X	
ZM-2D					X	
ZM-3S					X	
ZM-3D					X	
ZM-4S					X	
ZM-4D					X	
DU-07402	X	X	X	X		
TBLK-07403			X			
TBLK-07404			X			

Metals: one 500 mL wide-mouth plastic; HNO3, ice; HT -180 days; methods 6010B/6020/Series 7000.



Sample Condition Upon Receipt

Client Name: RMT

Project # 892113

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____
Tracking #: _____



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 2.0°C Biological Tissue is Frozen: Yes No
Temp should be above freezing to 6°C

Comments: _____
Date and Initials of person examining contents: 12/21/07 KJL
12/21/07

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6. <u>NITRATES</u>
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix:	<u>W</u>	
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>KJL</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AH

Date: 12/26/07

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

Project Name: SANGAMO BREAZEAL SITE
Project Number: 71238.32

File

RMT - GREENVILLE
ATTN: MARK BAILEY
30 Patewood Drive
Suite 100
GREENVILLE SC 29615-3535

Attached are the following for Batch Number: **893544**

- Organic
- Inorganic
- QC Data
- Diskette

Ship By: First Class Mail FedEx
 Priority Mail Other: US Mail

Comments:

QC
- HT, temp, CDO, methods, etc, press, CRL -
- Level 2 QC
- TBC ✓
Due to defect in the MBLK total Fe for BRMS-05A, 11, 02, PM 015, 025, 03D, 04D, ZM 015, 025, 03, DU08106; and dissolved Fe for BRMS-02, PM 025, 03D, 04D, DU08106, should be flagged "u" as unconfirmed detection.

If you have any questions please call your Client Manager: **Tod Noltemeyer**

DU08106 = PM-015 ✓
DU08106 = BRMS-02, 05 - metals ✓
" = ZM-035 - VOC

Due to precision OCL, Mn for PM 025 both total + dissolved should be flagged "u" "j" as estimated. 03/03/08



1241 Bellevue Street, Suite 9
 Green Bay, WI 54302
 920-469-2436, Fax: 920-469-8827

Analytical Report Number: 893544

Client: RMT - GREENVILLE

Lab Contact: Tod Noltemeyer

Project Name: SANGAMO BREAZEALE SITE

Project Number: 71238.32

Lab Sample Number	Field ID	Matrix	Collection Date	Lab Sample Number	Field ID	Matrix	Collection Date
893544-001	TBLK-08107	WATER	02/19/08	893544-022	ZM-03D	WATER	02/21/08 15:45
893544-002	BRMW-05	WATER	02/19/08 13:05	893544-023	ZM-04S	WATER	02/21/08 16:05
893544-003	BRMW-05A	WATER	02/19/08 14:00	893544-024	ZM-04D	WATER	02/21/08 16:40
893544-004	BRMW-05B	WATER	02/19/08 15:45				
893544-005	BRMW-11	WATER	02/20/08 11:00				
893544-006	BRMW-02	WATER	02/20/08 14:15				
893544-007	BRMW-02A	WATER	02/20/08 14:30				
893544-008	PM-01S	WATER	02/20/08 15:15				
893544-009	PM-01D	WATER	02/20/08 16:00				
893544-010	PM-02S	WATER	02/20/08 16:30				
893544-011	PM-02D	WATER	02/20/08 17:10				
893544-012	PM-03S	WATER	02/21/08 10:10				
893544-013	PM-03D	WATER	02/21/08 10:45				
893544-014	PM-04S	WATER	02/21/08 11:20				
893544-015	PM-04D	WATER	02/21/08 11:55				
893544-016	ZM-01S	WATER	02/21/08 13:10				
893544-017	ZM-01D	WATER	02/21/08 13:50				
893544-018	ZM-02S	WATER	02/21/08 14:10				
893544-019	ZM-02D	WATER	02/21/08 14:45				
893544-020	DU-08106	WATER					
893544-021	ZM-03S	WATER	02/21/08 15:10				

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.



Allee Wn

3/3/08

Approval Signature

Date

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : TBLK-08107

Matrix Type : WATER
Collection Date : 02/19/08
Report Date : 02/29/08
Lab Sample Number : 893544-001

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 02/25/08 12:09 PM Ani By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/25/08 12:09 PM	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	89	64	132	1	%	02/25/08	SW846 5030B	SW846 8260B
Toluene-d8	88	73	127	1	%	02/25/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	90	68	122	1	%	02/25/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : BRMW-05

Matrix Type : WATER
Collection Date : 02/19/08
Report Date : 02/29/08
Lab Sample Number : 893544-002

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	350	100	1	ug/L	A	02/26/08 09:35 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese	36	5.0	1	ug/L		02/26/08 09:35 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 02/25/08 7:33 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 10	10	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
2-Butanone	< 25	25	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 25	25	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 25	25	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Acetone	< 25	25	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Benzene	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Bromoform	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Bromomethane	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Chloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Chloroform	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Chloromethane	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Styrene	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	190	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Toluene	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Trichloroethene	440	5.0	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 5.0	5.0	5	ug/L	&	02/25/08 7:33 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 15	15	5	ug/L		02/25/08 7:33 PM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

4-Bromofluorobenzene	87	64	132	5	%	02/25/08	SW846 5030B	SW846 8260B
Toluene-d8	89	73	127	5	%	02/25/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	89	68	122	5	%	02/25/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : BRMW-05A

Matrix Type : WATER
Collection Date : 02/19/08
Report Date : 02/29/08
Lab Sample Number : 893544-003

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	8.4	B 100	1	ug/L	A	02/26/08 10:03 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese	9.9	5.0	1	ug/L		02/26/08 10:03 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 02/25/08 7:57 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 10	10	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
2-Butanone	< 25	25	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 25	25	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 25	25	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Acetone	< 25	25	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Benzene	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Bromoform	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Bromomethane	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Chloroethane	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Chloroform	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Chloromethane	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Styrene	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	220	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Toluene	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Trichloroethene	520	5.0	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 5.0	5.0	5	ug/L	&	02/25/08 7:57 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 15	15	5	ug/L		02/25/08 7:57 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	87	64	132	5	%	02/25/08	SW846 5030B	SW846 8260B
Toluene-d8	90	73	127	5	%	02/25/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	88	68	122	5	%	02/25/08	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : BRMW-05B

Matrix Type : WATER
Collection Date : 02/19/08
Report Date : 02/29/08
Lab Sample Number : 893544-004

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	< 100	100	1	ug/L	A	02/26/08 10:07 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese	< 5.0	5.0	1	ug/L		02/26/08 10:07 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 02/26/08 9:24 AM Anl By: SMT		
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/26/08 9:24 AM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	86	64 132	1	%		02/26/08	SW846 5030B	SW846 8260B
Toluene-d8	91	73 127	1	%		02/26/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	89	68 122	1	%		02/26/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : BRMW-11

Matrix Type : WATER
Collection Date : 02/20/08
Report Date : 02/29/08
Lab Sample Number : 893544-005

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	14	B 100	1	ug/L	A	02/26/08 10:11 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese	170	5.0	1	ug/L		02/26/08 10:11 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 02/26/08 11:44 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 100	100	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
2-Butanone	< 250	250	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 250	250	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 250	250	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Acetone	< 250	250	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Benzene	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Bromoform	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Bromomethane	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Chloroethane	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Chloroform	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Chloromethane	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Styrene	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	2300	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Toluene	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 50	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Trichloroethene	5000	50	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 50	50	50	ug/L	&	02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 150	150	50	ug/L		02/26/08 11:44 AM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	88	64 132	50	%		02/26/08	SW846 5030B	SW846 8260B
Toluene-d8	91	73 127	50	%		02/26/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	89	68 122	50	%		02/26/08	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE

Matrix Type : WATER

Project Name : SANGAMO BREAZEALE SITE

Collection Date : 02/20/08

Project Number : 71238.32

Report Date : 02/29/08

Field ID : BRMW-02

Lab Sample Number : 893544-006

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	12	B 100	1	ug/L	A	02/26/08 10:15 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Iron - Dissolved	12	B 100	1	ug/L		02/26/08 11:42 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese	270	5.0	1	ug/L		02/26/08 10:15 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese - Dissolved	270	5.0	1	ug/L		02/26/08 11:42 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 02/25/08 2:52 PM		Anl By: SMT
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	71	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Trichloroethene	150	1.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/25/08 2:52 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	91	64 132	1	%		02/25/08	SW846 5030B	SW846 8260B
Toluene-d8	91	73 127	1	%		02/25/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	87	68 122	1	%		02/25/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : BRMW-02A

Matrix Type : WATER
Collection Date : 02/20/08
Report Date : 02/29/08
Lab Sample Number : 893544-007

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	< 100	100	1	ug/L	A	02/26/08 10:19 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Iron - Dissolved	18	B 100	1	ug/L		02/26/08 11:54 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese	1.7	B 5.0	1	ug/L		02/26/08 10:19 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese - Dissolved	1.3	B 5.0	1	ug/L		02/26/08 11:54 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 02/26/08 9:47 AM Anl By: SMT		
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.46	J 1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Trichloroethene	0.73	J 1.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/26/08 9:47 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/26/08 9:47 AM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

Surrogate	Result	LCL	UCL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
4-Bromofluorobenzene	88	64	132	1	%		02/26/08	SW846 5030B	SW846 8260B
Toluene-d8	90	73	127	1	%		02/26/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	89	68	122	1	%		02/26/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-01S

Matrix Type : WATER
Collection Date : 02/20/08
Report Date : 02/29/08
Lab Sample Number : 893544-008

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	10	B 100	1	ug/L	A	02/26/08 10:23 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Iron - Dissolved	< 100	100	1	ug/L		02/26/08 11:58 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese	390	5.0	1	ug/L		02/26/08 10:23 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese - Dissolved	370	5.0	1	ug/L		02/26/08 11:58 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 02/26/08 10:11 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	1.1	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Trichloroethene	4.3	1.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/26/08 10:11 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/26/08 10:11 AM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	86	64	132	1	%	02/26/08	SW846 5030B	SW846 8260B
Toluene-d8	90	73	127	1	%	02/26/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	88	68	122	1	%	02/26/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-01D

Matrix Type : WATER
Collection Date : 02/20/08
Report Date : 02/29/08
Lab Sample Number : 893544-009

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	110	100	1	ug/L	A	02/26/08 10:27 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Iron - Dissolved	14	B 100	1	ug/L		02/26/08 12:02 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese	31	5.0	1	ug/L		02/26/08 10:27 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese - Dissolved	29	5.0	1	ug/L		02/26/08 12:02 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 02/25/08 4:03 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
?-Butanone	< 5.0	5.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 1.0	1.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/25/08 4:03 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/25/08 4:03 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
1-Bromofluorobenzene	89	64	132	1	%	02/25/08	SW846 5030B	SW846 8260B
oluene-d8	90	73	127	1	%	02/25/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	85	68	122	1	%	02/25/08	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-02S

Matrix Type : WATER
Collection Date : 02/20/08
Report Date : 02/29/08
Lab Sample Number : 893544-010

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	55	B 100	1	ug/L	A	02/26/08 10:38 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Iron - Dissolved	11	B 100	1	ug/L		02/26/08 12:14 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese	3400	5.0	1	ug/L		02/26/08 10:38 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese - Dissolved	8400	5.0	1	ug/L	2	02/26/08 12:14 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-02D

Matrix Type : WATER
Collection Date : 02/20/08
Report Date : 02/29/08
Lab Sample Number : 893544-011

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	< 1000	1000	10	ug/L	CA	02/26/08 12:42 PM	SW846 3010A	SW846 6010B Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB
Iron - Dissolved	< 1000	1000	10	ug/L	C	02/26/08 01:02 PM	SW846 3010A	SW846 6010B Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB
Manganese	130000	50	10	ug/L		02/26/08 12:42 PM	SW846 3010A	SW846 6010B Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB
Manganese - Dissolved	140000	50	10	ug/L	1	02/26/08 01:02 PM	SW846 3010A	SW846 6010B Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEAL SITE
Project Number : 71238.32
Field ID : PM-03S

Matrix Type : WATER
Collection Date : 02/21/08
Report Date : 02/29/08
Lab Sample Number : 893544-012

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	190	100	1	ug/L	A	02/26/08 12:46 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM	Anl By: DLB	
Iron - Dissolved	8.5	B 100	1	ug/L		02/26/08 01:06 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM	Anl By: DLB	
Manganese	750	5.0	1	ug/L		02/26/08 12:46 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM	Anl By: DLB	
Manganese - Dissolved	780	5.0	1	ug/L	1	02/26/08 01:06 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM	Anl By: DLB	

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	41	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Trichloroethene	120	1.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/25/08 4:26 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/25/08 4:26 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	87	64	132	1	%	02/25/08	SW846 5030B	SW846 8260B
Toluene-d8	90	73	127	1	%	02/25/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	87	68	122	1	%	02/25/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-03D

Matrix Type : WATER
Collection Date : 02/21/08
Report Date : 02/29/08
Lab Sample Number : 893544-013

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	43	B 100	1	ug/L	A	02/26/08 10:51 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Iron - Dissolved	16	B 100	1	ug/L		02/26/08 12:26 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese	21	5.0	1	ug/L		02/26/08 10:51 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese - Dissolved	21	5.0	1	ug/L		02/26/08 12:26 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	0.79	J 1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Trichloroethene	2.4	1.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/26/08 10:58 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/26/08 10:58 AM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
1-Bromofluorobenzene	87	64	132	1	%	02/26/08	SW846 5030B	SW846 8260B
Toluene-d8	89	73	127	1	%	02/26/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	88	68	122	1	%	02/26/08	SW846 5030B	SW846 8260B

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-04S

Matrix Type : WATER
Collection Date : 02/21/08
Report Date : 02/29/08
Lab Sample Number : 893544-014

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	340	100	1	ug/L	A	02/26/08 10:55 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Iron - Dissolved	< 100	100	1	ug/L		02/26/08 12:30 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese	23000	10	2	ug/L		02/26/08 12:50 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese - Dissolved	22000	10	2	ug/L		02/26/08 01:10 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : PM-04D

Matrix Type : WATER
Collection Date : 02/21/08
Report Date : 02/29/08
Lab Sample Number : 893544-015

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	25	B 100	1	ug/L	A	02/26/08 10:59 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Iron - Dissolved	14	B 100	1	ug/L		02/26/08 12:34 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese	42	5.0	1	ug/L		02/26/08 10:59 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese - Dissolved	48	5.0	1	ug/L	1	02/26/08 12:34 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
-Butanone	< 5.0	5.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	11	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Trichloroethene	27	1.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/25/08 4:49 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/25/08 4:49 PM	SW846 5030B	SW846 8260B

Surrogate	Result	LCL	UCL	Dilution	Units	Anl Date/Time	Prep Method	Anl Method
-Bromofluorobenzene	89	64	132	1	%	02/25/08	SW846 5030B	SW846 8260B
Toluene-d8	90	73	127	1	%	02/25/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	90	68	122	1	%	02/25/08	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-01S

Matrix Type : WATER
Collection Date : 02/21/08
Report Date : 02/29/08
Lab Sample Number : 893544-016

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	53	B 100	1	ug/L	A	02/26/08 11:03 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese	410	5.0	1	ug/L		02/26/08 11:03 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 02/25/08 5:13 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	2.5	2.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Acetone	27	5.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Chloromethane	1.3	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Methylene Chloride	0.72	J 1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	69	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Trichloroethene	88	1.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	0.38	J 1.0	1	ug/L	&	02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/25/08 5:13 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	88	64 132	1	%		02/25/08	SW846 5030B	SW846 8260B
Toluene-d8	89	73 127	1	%		02/25/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	87	68 122	1	%		02/25/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Matrix Type : WATER

Project Name : SANGAMO BREAZEALE SITE

Collection Date : 02/21/08

Project Number : 71238.32

Report Date : 02/29/08

Field ID : ZM-01D

Lab Sample Number : 893544-017

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	< 100	100	1	ug/L	A	02/26/08 11:07 AM	SW846 3010A	SW846 6010B
					Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB			
Manganese	72	5.0	1	ug/L		02/26/08 11:07 AM	SW846 3010A	SW846 6010B
					Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB			

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 02/26/08 11:21 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 10	10	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
2-Butanone	< 25	25	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 25	25	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 25	25	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Acetone	< 25	25	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Benzene	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Bromoform	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Bromomethane	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Chloroethane	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Chloroform	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Chloromethane	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Styrene	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	230	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Toluene	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 5.0	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Trichloroethene	500	5.0	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 5.0	5.0	5	ug/L	&	02/26/08 11:21 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 15	15	5	ug/L		02/26/08 11:21 AM	SW846 5030B	SW846 8260B

Surrogate	LCL UCL							
4-Bromofluorobenzene	88	64	132	5	%	02/26/08	SW846 5030B	SW846 8260B
Toluene-d8	90	73	127	5	%	02/26/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	88	68	122	5	%	02/26/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-02S

Matrix Type : WATER
Collection Date : 02/21/08
Report Date : 02/29/08
Lab Sample Number : 893544-018

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	9.6	B 100	1	ug/L	A	02/26/08 11:11 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese	390	5.0	1	ug/L		02/26/08 11:11 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 02/25/08 6:00 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Chloroform	0.39	J 1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	96	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Trichloroethene	160	1.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/25/08 6:00 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	88	64 132	1	%		02/25/08	SW846 5030B	SW846 8260B
Toluene-d8	90	73 127	1	%		02/25/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	91	68 122	1	%		02/25/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Matrix Type : WATER

Project Name : SANGAMO BREAZEALE SITE

Collection Date : 02/21/08

Project Number : 71238.32

Report Date : 02/29/08

Field ID : ZM-02D

Lab Sample Number : 893544-019

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	< 100	100	1	ug/L	A	02/26/08 11:15 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		
Manganese	17	5.0	1	ug/L		02/26/08 11:15 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM Anl By: DLB		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 02/25/08 7:10 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	60	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Trichloroethene	89	1.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/25/08 7:10 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	88	64 132	1	%		02/25/08	SW846 5030B	SW846 8260B
Toluene-d8	90	73 127	1	%		02/25/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	93	68 122	1	%		02/25/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : DU-08106

Matrix Type : WATER
Collection Date :
Report Date : 02/29/08
Lab Sample Number : 893544-020

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	18	B 100	1	ug/L	A	02/26/08 11:27 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Iron - Dissolved	7.7	B 100	1	ug/L		02/26/08 12:38 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese	400	5.0	1	ug/L		02/26/08 11:27 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese - Dissolved	400	5.0	1	ug/L		02/26/08 12:38 PM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Prep Date/Time: 02/26/08 10:34 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Trichloroethene	4.4	1.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L	&	02/26/08 10:34 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/26/08 10:34 AM	SW846 5030B	SW846 8260B

Surrogate

LCL UCL

4-Bromofluorobenzene	87	64	132	1	%	02/26/08	SW846 5030B	SW846 8260B
Toluene-d8	90	73	127	1	%	02/26/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	88	68	122	1	%	02/26/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-03S

Matrix Type : WATER
Collection Date : 02/21/08
Report Date : 02/29/08
Lab Sample Number : 893544-021

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	25	B 100	1	ug/L	A	02/26/08 11:31 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB
Manganese	30	5.0	1	ug/L		02/26/08 11:31 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 08:30 AM		Anl By: DLB

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 02/25/08 11:45 AM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Tetrachloroethene	12	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Trichloroethene	2.7	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/25/08 11:45 AM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL					
4-Bromofluorobenzene	89	64	132	1	%	02/25/08	SW846 5030B	SW846 8260B
Toluene-d8	89	73	127	1	%	02/25/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	86	68	122	1	%	02/25/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEAL SITE
Project Number : 71238.32
Field ID : ZM-03D

Matrix Type : WATER
Collection Date : 02/21/08
Report Date : 02/29/08
Lab Sample Number : 893544-022

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	8.7	B 100	1	ug/L		02/26/08 09:07 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 11:30 AM Anl By: DLB		
Manganese	23	5.0	1	ug/L		02/26/08 09:07 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 11:30 AM Anl By: DLB		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
						Prep Date/Time: 02/26/08 3:46 PM Anl By: SMT		
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L	&	02/26/08 3:46 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	58	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Trichloroethene	61	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/26/08 3:46 PM	SW846 5030B	SW846 8260B
Surrogate		LCL UCL						
4-Bromofluorobenzene	98	64 132	1	%		02/26/08	SW846 5030B	SW846 8260B
Toluene-d8	95	73 127	1	%		02/26/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	84	68 122	1	%		02/26/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE

Project Name : SANGAMO BREAZEALE SITE

Project Number : 71238.32

Field ID : ZM-04S

Matrix Type : WATER

Collection Date : 02/21/08

Report Date : 02/29/08

Lab Sample Number : 893544-023

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	52	B 100	1	ug/L		02/26/08 09:11 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 11:30 AM Anl By: DLB		
Manganese	130	5.0	1	ug/L		02/26/08 09:11 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 11:30 AM Anl By: DLB		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL)

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Prep Date/Time: 02/26/08 4:10 PM Anl By: SMT								
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L	&	02/26/08 4:10 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	12	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Trichloroethene	11	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/26/08 4:10 PM	SW846 5030B	SW846 8260B
Surrogate	LCL UCL							
4-Bromofluorobenzene	98	64 132	1	%		02/26/08	SW846 5030B	SW846 8260B
Toluene-d8	97	73 127	1	%		02/26/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	86	68 122	1	%		02/26/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

Analytical Report Number: 893544

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Client : RMT - GREENVILLE
Project Name : SANGAMO BREAZEALE SITE
Project Number : 71238.32
Field ID : ZM-04D

Matrix Type : WATER
Collection Date : 02/21/08
Report Date : 02/29/08
Lab Sample Number : 893544-024

INORGANICS

Test	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
Iron	9.5	B 100	1	ug/L		02/26/08 09:15 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 11:30 AM Anl By: DLB		
Manganese	20	5.0	1	ug/L		02/26/08 09:15 AM	SW846 3010A	SW846 6010B
						Prep Date/Time: 02/25/08 11:30 AM Anl By: DLB		

VOLATILES 3.4 LIST (TOT 12DCE & TOT XYL

Prep Date/Time: 02/26/08 4:33 PM Anl By: SMT

Analyte	Result	EQL	Dilution	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethene, Total	< 2.0	2.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
2-Butanone	< 5.0	5.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
2-Hexanone	< 5.0	5.0	1	ug/L	&	02/26/08 4:33 PM	SW846 5030B	SW846 8260B
4-Methyl-2-pentanone	< 5.0	5.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Acetone	< 5.0	5.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Benzene	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Bromoform	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Bromomethane	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Carbon Disulfide	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Chloroethane	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Chloroform	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Chloromethane	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Styrene	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	16	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Toluene	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Trichloroethene	17	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 1.0	1.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Xylene, Total	< 3.0	3.0	1	ug/L		02/26/08 4:33 PM	SW846 5030B	SW846 8260B
Surrogate		LCL	UCL					
4-Bromofluorobenzene	96	64	132	1	%	02/26/08	SW846 5030B	SW846 8260B
Toluene-d8	95	73	127	1	%	02/26/08	SW846 5030B	SW846 8260B
Dibromofluoromethane	85	68	122	1	%	02/26/08	SW846 5030B	SW846 8260B

**Pace Analytical
Services, Inc.**

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Lab Number	TestGroupID	Field ID	Comment
893544-	M-FE-W	All Samples	A - Analyte is detected in the method blank at a concentration of 21 ug/L.
893544-010	M-MN-D	PM-02S	2 - Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria. The results were confirmed. The analyst noticed that the dissolved sample is a darker purple than the total.
893544-011	M-FE-D	PM-02D	C - Elevated detection limit due to matrix effect. The sample is high in Yttrium.
893544-011	M-FE-W	PM-02D	C - Elevated detection limit due to matrix effect. The sample is high in Yttrium.

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time..
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level; therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	893544-001	893544-002	893544-003	893544-004	893544-005	893544-006	893544-007	893544-008	893544-009	893544-010	893544-011	893544-012	893544-013	893544-014	893544-015	893544-016	893544-017	893544-018	893544-019	893544-020	893544-021	893544-022	893544-023	893544-024
IRON	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
IRON - DISSOLVED					B	B	B	B	B	B	B	B	B	B					B					
MANGANESE	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
MANGANESE - DISSOLVED					B	B	B	B	B	B	B	B	B	B					B					
VOLATILES 3.4 LIST (TOT 12DCE & T	G	G	G	G	G	G	G	G	G			G	G		G	G	G	G	G	G	G	G	G	G

Code	SC Certification
B	83006001
G	83006001

Batch: 893544
Lab Section: METALS
QC Batch Number: 28994
Prep Method: SW846 3010A
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2375-48	MBWMTG2375-48
LCS	LCSWMTG2375-48	LCSWMTG2375-48
MS	BRMW-05MS	893544-002MS
MSD	BRMW-05MSD	893544-002MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-05	893544-002	MB	BRMW-05A	893544-003	MB
BRMW-05B	893544-004	MB	BRMW-11	893544-005	MB
BRMW-02	893544-006	MB	BRMW-02A	893544-007	MB
PM-01S	893544-008	MB	PM-01D	893544-009	MB
PM-02S	893544-010	MB	PM-02D	893544-011	MB
PM-03S	893544-012	MB	PM-03D	893544-013	MB
PM-04S	893544-014	MB	PM-04D	893544-015	MB
ZM-01S	893544-016	MB	ZM-01D	893544-017	MB
ZM-02S	893544-018	MB	ZM-02D	893544-019	MB
DU-08106	893544-020	MB	ZM-03S	893544-021	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%								Conc	%	C		Conc	%	C
Iron	J	21	5000.0	5056	101.1	--	--	--	--	80	120	20	893544-002	352.50	5000.0	5530	103.6	5000.0	5588	104.7	1.0	75	125	20			
Manganese	<	0.66	500.0	490.3	98.1	--	--	--	--	80	120	20	893544-002	36.46	500.0	524.1	97.5	500.0	519.9	96.7	0.8	75	125	20			

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 2/29/2008

QC Batch Number: 28994

QC Summary

Batch: 893544
Lab Section: METALS
QC Batch Number: 28995
Prep Method: SW846 3010A
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBDMTG2375-49	MBDMTG2375-49
LCS	LCSDMTG2375-49	LCSDMTG2375-49
MS	BRMW-02MS	893544-006MS
MSD	BRMW-02MSD	893544-006MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
BRMW-02	893544-006	MB	BRMW-02A	893544-007	MB
PM-01S	893544-008	MB	PM-01D	893544-009	MB
PM-02S	893544-010	MB	PM-02D	893544-011	MB
PM-03S	893544-012	MB	PM-03D	893544-013	MB
PM-04S	893544-014	MB	PM-04D	893544-015	MB
DU-08106	893544-020	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%								%	%	%		%	%	%
Iron - Dissolved	<	7.2	5000.0	4778	95.6						80	120	20	893544-006	11.580	5000.0	5266	105.1	5000.0	5254	104.8	0.2	75	125	20		
Manganese - Dissolved	<	0.66	500.0	466.6	93.3						80	120	20	893544-006	265.3	500.0	788.4	104.6	500.0	788.3	104.6	0.0	75	125	20		

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 2/29/2008

QC Batch Number: 28995

Batch: 893544
Lab Section: METALS
QC Batch Number: 29015
Prep Method: SW846 3010A
Analytical Method: SW846 6010B

QC Type	Client Sample ID	Lab Sample ID
MB	MBWMTG2375-50	MBWMTG2375-50
LCS	LCSWMTG2375-50	LCSWMTG2375-50
MS	893547-001MS	893547-001MS
MSD	893547-001MSD	893547-001MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
ZM-03D	893544-022	MB	ZM-04S	893544-023	MB
ZM-04D	893544-024	MB			

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%														
Iron	<	7.2	5000.0	4970	99.4		—	—	—	—	80	120	20	893547-001	815.90	5000.0	5674	97.2		5000.0	5861	100.9		3.2	75	125	20
Manganese	<	0.66	500.0	498.7	99.7		—	—	—	—	80	120	20	893547-001	55.81	500.0	544.4	97.7		500.0	560.6	101.0		2.9	75	125	20

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 2/29/2008

QC Batch Number: 29015

Batch: 893544
Lab Section: VOA
QC Batch Number: 28990
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	VOG2425-17MB	VOG2425-17MB
MB2	VOG2425-17MB2	VOG2425-17MB2
LCS	VOG2425-17LCS	VOG2425-17LCS
LCSD	VOG2425-17LCSD	VOG2425-17LCSD
MS	ZM-03SMS	893544-021MS
MSD	ZM-03SMSD	893544-021MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
TBLK-08107	893544-001	MB	BRMW-05	893544-002	MB
BRMW-05A	893544-003	MB	BRMW-05B	893544-004	MB
BRMW-11	893544-005	MB	BRMW-02	893544-006	MB
BRMW-02A	893544-007	MB	PM-01S	893544-008	MB
PM-01D	893544-009	MB	PM-03S	893544-012	MB
PM-03D	893544-013	MB	PM-04D	893544-015	MB
ZM-01S	893544-016	MB	ZM-01D	893544-017	MB
ZM-02S	893544-018	MB	ZM-02D	893544-019	MB
DU-08106	893544-020	MB	ZM-03S	893544-021	MB

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCSD Spiked Conc	LCSD Recovery			LCS/LCSD RPD % C	LCS/LCSD Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%														
1,1,1-Trichloroethane	< 0.9	50.0	56	112	50.0	56.8	114	1.4	75	128	20	893544-021	< 0.9	50.0	54.2	108	50.0	53	106	2.2	70	130	30				
1,1,2,2-Tetrachloroethane	< 0.2	50.0	49.2	98	50.0	48.9	98	0.6	67	125	20	893544-021	< 0.2	50.0	48.3	97	50.0	47.8	96	1.0	70	130	30				
1,1,2-Trichloroethane	< 0.42	50.0	54.8	110	50.0	54.4	109	0.7	75	125	20	893544-021	< 0.42	50.0	52.3	105	50.0	51.2	102	2.1	70	130	30				
1,1-Dichloroethane	< 0.75	50.0	56.3	113	50.0	58.9	118	4.4	71	130	20	893544-021	< 0.75	50.0	56.9	114	50.0	56.1	112	1.3	70	130	30				
1,1-Dichloroethene	< 0.57	50.0	49.5	99	50.0	53.2	106	7.2	75	125	20	893544-021	< 0.57	50.0	50.5	101	50.0	48.7	97	3.6	70	135	30				
1,2-Dichloroethane	< 0.36	50.0	51.6	103	50.0	53.2	106	3.0	71	132	20	893544-021	< 0.36	50.0	49.8	100	50.0	51	102	2.3	70	130	30				
1,2-Dichloroethene, Total	< 1.4	100.0	103.4	103	100.0	110.5	111	6.6	75	125	20	893544-021	< 1.4	100.0	101.4	101	100.0	102.3	102	0.9	70	130	30				
1,2-Dichloropropane	< 0.46	50.0	60.7	121	50.0	61	122	0.5	73	125	20	893544-021	< 0.46	50.0	57.4	115	50.0	57.9	116	0.9	70	130	30				
2-Butanone	< 4.3	50.0	55.1	110	50.0	55.5	111	0.7	59	130	20	893544-021	< 4.3	50.0	54.3	109	50.0	55	110	1.2	51	130	30				
2-Hexanone	< 1.1	50.0	54.3	109	50.0	54.8	110	0.9	51	125	20	893544-021	< 1.1	50.0	51.9	104	50.0	51.1	102	1.6	53	130	30				
4-Methyl-2-pentanone	< 1.2	50.0	54.8	110	50.0	56.2	112	2.6	59	125	20	893544-021	< 1.2	50.0	53.6	107	50.0	54.6	109	1.7	62	130	30				
Acetone	< 2.3	50.0	57.4	115	50.0	57.7	115	0.6	31	150	20	893544-021	< 2.2	50.0	48.8	98	50.0	48.2	96	1.2	42	132	30				
Benzene	< 0.41	50.0	57.6	115	50.0	59.4	119	3.1	75	125	20	893544-021	< 0.41	50.0	56	112	50.0	56.4	113	0.6	70	130	30				
Bromodichloromethane	< 0.56	50.0	54.9	110	50.0	55.5	111	1.1	75	125	20	893544-021	< 0.56	50.0	48.9	98	50.0	50	100	2.2	70	130	30				
Bromoform	< 0.94	50.0	55.7	111	50.0	55.8	112	0.2	75	125	20	893544-021	< 0.94	50.0	53.1	106	50.0	53	106	0.1	70	130	30				
Bromomethane	< 0.91	50.0	48.3	97	50.0	53.8	108	10.7	66	125	20	893544-021	< 0.91	50.0	42.5	85	50.0	43.3	87	1.8	63	147	30				
Carbon Disulfide	< 0.66	50.0	47.1	94	50.0	49.5	99	4.9	71	128	20	893544-021	< 0.66	50.0	50.1	100	50.0	38.5	77	26.3	56	142	30				

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 2/29/2008

QC Batch Number: 28990

Test Name	Method Blank Result Conc	LCS Spiked Conc	LCS Recovery			LCS Spiked Conc	LCS Recovery			LCS/LCS RPD % C	LCS/LCS Control Limits			Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery			MSD Spiked Conc	MSD Recovery			MS/MSD RPD % C	MS/MSD Control Limits		
			Conc	%	C		Conc	%	C		LCL	UCL	RPD				Conc	%	C		Conc	%	C		LCL	UCL	RPD
											%	%	%													%	%
Carbon Tetrachloride	< 0.49	50.0	56.8	114	50.0	58.3	117	2.5	75	125	20	893544-021	< 0.49	50.0	55.1	110	50.0	55	110	0.2	70	131	30				
Chlorobenzene	< 0.41	50.0	49	98	50.0	49.6	99	1.1	75	125	20	893544-021	< 0.41	50.0	48.6	98	50.0	49	98	0.4	70	130	30				
Chlorodibromomethane	< 0.81	50.0	51.5	103	50.0	52.1	104	1.1	75	125	20	893544-021	< 0.81	50.0	47.7	95	50.0	47	94	1.5	70	130	30				
Chloroethane	< 0.97	50.0	52.5	105	50.0	55.8	112	6.1	72	126	20	893544-021	< 0.97	50.0	51.7	103	50.0	52	104	0.5	67	138	30				
Chloroform	< 0.37	50.0	54.2	108	50.0	55.5	111	2.4	75	125	20	893544-021	< 0.37	50.0	52.2	104	50.0	51.6	103	1.1	70	130	30				
Chloromethane	< 0.24	50.0	54.3	109	50.0	56.2	112	3.4	46	143	20	893544-021	< 0.24	50.0	48.9	98	50.0	49.4	99	1.0	43	150	30				
cis-1,3-Dichloropropene	< 0.19	50.0	58.4	117	50.0	59.3	119	1.5	75	125	20	893544-021	< 0.19	50.0	56	112	50.0	53.8	108	4.0	70	130	30				
Ethylbenzene	< 0.54	50.0	54.2	108	50.0	55.7	111	2.6	75	125	20	893544-021	< 0.54	50.0	53.2	106	50.0	53.2	106	0.1	70	136	30				
Methylene Chloride	< 0.43	50.0	48.8	98	50.0	52.5	105	7.3	75	125	20	893544-021	< 0.43	50.0	48.4	97	50.0	48.7	97	0.6	70	130	30				
Styrene	< 0.86	50.0	58.8	118	50.0	59.7	119	1.5	75	125	20	893544-021	< 0.86	50.0	51.5	103	50.0	50.5	101	1.9	70	130	30				
Tetrachloroethene	< 0.45	50.0	50.5	101	50.0	50.9	102	0.8	75	130	20	893544-021	12.1	50.0	61.6	99	50.0	59.6	95	3.2	70	130	30				
Toluene	< 0.67	50.0	54.5	109	50.0	56.3	113	3.3	75	125	20	893544-021	< 0.67	50.0	52.3	105	50.0	53.4	107	2.0	70	130	30				
trans-1,3-Dichloropropene	< 0.19	50.0	53.2	106	50.0	54.1	108	1.5	75	125	20	893544-021	< 0.19	50.0	55.8	112	50.0	52.9	106	5.5	70	130	30				
Trichloroethene	< 0.48	50.0	56.7	113	50.0	56.9	114	0.4	75	125	20	893544-021	2.73	50.0	54.3	103	50.0	55.3	105	1.8	70	130	30				
Vinyl Chloride	< 0.18	50.0	61.4	123	50.0	66	132	7.3	65	130	20	893544-021	< 0.18	50.0	48.5	97	50.0	48.3	97	0.3	62	138	30				
Xylene, Total	< 2.6	150.0	166.4	111	150.0	167.3	112	0.5	75	125	20	893544-021	< 2.6	150.0	159.3	106	150.0	162.8	109	2.2	70	130	30				
4-Bromofluorobenzene	88%	—	—	92	—	—	94	—	64	132	—	893544-021	89%	—	—	90	—	—	90	—	64	132	—				
Toluene-d8	90%	—	—	92	—	—	91	—	73	127	—	893544-021	89%	—	—	92	—	—	91	—	73	127	—				
Dibromofluoromethane	87%	—	—	88	—	—	89	—	68	122	—	893544-021	86%	—	—	85	—	—	87	—	68	122	—				

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C = QC Code, see Qualifier Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 2/29/2008

QC Batch Number: 28990



CHAIN OF CUSTODY RECORD

75678

38

30 Patewood Drive, Suite 100, Patewood Plaza One, Greenville, SC 29615-3535
 Phone 864/281-0030 • Fax 864/281-0288

Project No. **71238.32** Project/Client: **Saugamo - Breazale Site**

Project Manager/Contact Person:
Mike Parker / Britney Barnes / Beth Kaupa

Lab No.	Yr. <u>08</u> Date	Time	Sample Station ID	Total Number of Containers	MATRIX
021	2-21	1510	ZM-03S	4	GW
022	2-21	1545	ZM-03D	4	GW
023	2-21	1605	ZM-04S	4	GW
024	2-21	1640	ZM-04D	4	GW
/					

Filtered (Yes/No)	N	N																		
Preserved (Code)	F	B																		
Analyses Requested VOCs: TLc 3.4 Metals: Fe, Mn Method: 8260B Method: 8010/6020																				
															PRESERVED CODES A - NONE B - HNO ₃ C - H ₂ SO ₄ D - NaOH E - HCl F - METHANOL G - _____					
															Comments: 893544 1-250 MID, 3-40 MID					

SPECIAL INSTRUCTIONS

8646 0562 4884

SAMPLER Relinquished by (Signature) Bill Medli Date/Time 1845 2/21/08		Received by (Signature) Fed Ex Date/Time 1845 2/21/08		HAZARDS ASSOCIATED WITH SAMPLES <input type="checkbox"/> Flammable <input type="checkbox"/> Corrosive <input type="checkbox"/> Highly Toxic <input type="checkbox"/> Other (list) _____	Turn Around (circle one) Normal <input type="checkbox"/> Rush <input type="checkbox"/>
Relinquished by (Signature) FED EX Date/Time 2/22/08 1015		Received by (Signature) Danley Bunkley Date/Time 2/22/08 1015			Report Due _____
Relinquished by (Signature) _____ Date/Time _____		Received by (Signature) _____ Date/Time _____			(For Lab Use Only) Receipt Temp: 20C Temp Blank Y N Receipt pH (Wet/Metals) OK
Custody Seal: Present/Absent Intact/Not Intact Seal #s _____					



Sample Condition Upon Receipt

Client Name: RMT Project # 893544

Courier: Fed Ex UPS USPS Client Commercial Pace Other _____

Tracking #: _____



Custody Seal on Cooler/Box Present: yes no Seals intact: yes no

Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used JB Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 20A Biological Tissue is Frozen: Yes No

Date and initials of person examining contents: 2/22/08 AD

Temp should be above freezing to 6°C Comments: V/MW

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
All containers needing preservation have been checked.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed <u>AD</u> Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AD Date: 3/3/08



Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

File

June 18, 2008

Mark Bailey
RMT Greenville
30 Patewood Drive
Suite 100, Patewood Plaza One
Greenville, SC 296153535

RE: Project: 71238.32 SANGAMO
Pace Project No.: 404808

Dear Mark Bailey:

Enclosed are the analytical results for sample(s) received by the laboratory on June 06, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tod Noltemeyer

Tod Noltemeyer

tod.noltemeyer@pacelabs.com
Project Manager

Enclosures

NARR - OK; TEMP - OK; Col - signed
HT -

MBLRS + TBLK - 08201 - CLEAN

SURE - RECS OK

LCS/LCSD - RECS + RPDS OK

MS/MSD - BATCH QC - RECS +
RPDS OK

DU-08201 IS A FIELD DUP
OF BRMW-02, RPDS < 5%

REPORT OF LABORATORY ANAL

No FLAGS

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6/19/08 TCH

CERTIFICATIONS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Green Bay Certification IDs

Florida (NELAP) Certification #: E87948
Illinois Certification #: 200050
California Certification #: 06246CA
New York Certification #: 11888
North Dakota Certification #: R-150
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 82
Louisiana Certification #: 04168

Green Bay Volatiles Certification IDs

Florida (NELAP) Certification #: E87951
California Certification #: 06247CA
Illinois Certification #: 200051
New York Certification #: 11887
North Dakota Certification #: R-200
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 83
Louisiana Certification #: 04169

REPORT OF LABORATORY ANALYSIS

Page 2 of 2

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SAMPLE SUMMARY

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Lab ID	Sample ID	Matrix	Date Collected	Date Received
404808001	TBLK-08201	Water	06/03/08 00:00	06/06/08 09:40
404808002	PM-02S	Water	06/03/08 09:35	06/06/08 09:40
404808003	PM-02D	Water	06/03/08 10:15	06/06/08 09:40
404808004	PM-01S	Water	06/03/08 10:40	06/06/08 09:40
404808005	PM-01D	Water	06/03/08 11:15	06/06/08 09:40
404808006	PM-03S	Water	06/03/08 13:00	06/06/08 09:40
404808007	PM-03D	Water	06/03/08 13:35	06/06/08 09:40
404808008	PM-04S	Water	06/03/08 14:00	06/06/08 09:40
404808009	PM-04D	Water	06/03/08 14:35	06/06/08 09:40
404808010	BRMW-02A	Water	06/04/08 12:10	06/06/08 09:40
404808011	BRMW-02	Water	06/04/08 13:45	06/06/08 09:40
404808012	BRMW-11	Water	06/04/08 14:20	06/06/08 09:40
404808013	DU-08201	Water	06/04/08 14:20	06/06/08 09:40

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
404808001	TBLK-08201	EPA 8260	SMT	36	PASI-G
404808002	PM-02S	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
404808003	PM-02D	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
404808004	PM-01S	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
		EPA 8260	SMT	36	PASI-G
404808005	PM-01D	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
		EPA 8260	SMT	36	PASI-G
404808006	PM-03S	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
		EPA 8260	SMT	36	PASI-G
404808007	PM-03D	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
		EPA 8260	SMT	36	PASI-G
404808008	PM-04S	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
404808009	PM-04D	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
404808010	BRMW-02A	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
		EPA 8260	SMT	36	PASI-G
404808011	BRMW-02	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
		EPA 8260	SMT	36	PASI-G
404808012	BRMW-11	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
		EPA 8260	SMT	36	PASI-G
404808013	DU-08201	EPA 6010	DLB	2	PASI-G
		EPA 6010	DLB	2	PASI-G
		EPA 8260	SMT	36	PASI-G

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Method: EPA 6010
Description: 6010 MET ICP
Client: RMT MADISON
Date: June 18, 2008

General Information:

12 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:

The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Method: EPA 6010
Description: 6010 MET ICP, Dissolved
Client: RMT MADISON
Date: June 18, 2008

General Information:

12 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Method: EPA 8260
Description: 8260 MSV
Client: RMT MADISON
Date: June 18, 2008

General Information:

9 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

- pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.
- PM-03D (Lab ID: 404808007)
 - TBLK-08201 (Lab ID: 404808001)

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: TBLK-08201 Lab ID: 404808001 Collected: 06/03/08 00:00 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/11/08 16:46	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/11/08 16:46	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/11/08 16:46	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/11/08 16:46	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/11/08 16:46	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/11/08 16:46	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/11/08 16:46	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/11/08 16:46	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/11/08 16:46	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/11/08 16:46	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/11/08 16:46	108-10-1	
Acetone	ND	ug/L	5.0	2.3	1		06/11/08 16:46	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/11/08 16:46	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/11/08 16:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/11/08 16:46	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/11/08 16:46	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/11/08 16:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/11/08 16:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/11/08 16:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/11/08 16:46	75-00-3	
Chloroform	ND	ug/L	5.0	0.37	1		06/11/08 16:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/11/08 16:46	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/11/08 16:46	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/11/08 16:46	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/11/08 16:46	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/11/08 16:46	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		06/11/08 16:46	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/11/08 16:46	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.48	1		06/11/08 16:46	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/11/08 16:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/11/08 16:46	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 16:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 16:46	10061-02-6	
4-Bromofluorobenzene (S)	107 %		64-132		1		06/11/08 16:46	460-00-4	
Dibromofluoromethane (S)	112 %		68-122		1		06/11/08 16:46	1868-53-7	pH
Toluene-d8 (S)	111 %		73-127		1		06/11/08 16:46	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: PM-02S Lab ID: 404808002 Collected: 06/03/08 09:35 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	47.9J	ug/L	100	7.2	1	06/09/08 08:00	06/10/08 15:18	7439-89-6	
Manganese	11400	ug/L	5.0	0.66	1	06/09/08 08:00	06/10/08 15:18	7439-96-5	
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Iron	ND	ug/L	100	6.9	1		06/12/08 17:43	7439-89-6	
Manganese	11800	ug/L	5.0	0.48	1		06/12/08 17:43	7439-96-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: PM-02D Lab ID: 404808003 Collected: 06/03/08 10:15 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	142	ug/L	100	7.2	1	06/09/08 08:00	06/10/08 15:23	7439-89-6	
Manganese	174000	ug/L	500	65.6	100	06/09/08 08:00	06/10/08 21:03	7439-96-5	
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Iron	ND	ug/L	1000	69.0	10		06/12/08 17:34	7439-89-6	
Manganese	138000	ug/L	50.0	4.8	10		06/12/08 17:34	7439-96-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: PM-01S Lab ID: 404808004 Collected: 06/03/08 10:40 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	12.4J	ug/L	100	7.2	1	06/09/08 08:00	06/10/08 15:27	7439-89-6	
Manganese	323	ug/L	5.0	0.66	1	06/09/08 08:00	06/10/08 21:07	7439-96-5	
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Iron	ND	ug/L	100	6.9	1		06/11/08 18:27	7439-89-6	
Manganese	430	ug/L	5.0	0.48	1		06/11/08 18:27	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/11/08 17:10	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/11/08 17:10	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/11/08 17:10	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/11/08 17:10	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/11/08 17:10	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/11/08 17:10	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/11/08 17:10	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/11/08 17:10	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/11/08 17:10	78-93-3	
Hexanone	ND	ug/L	5.0	1.1	1		06/11/08 17:10	591-78-6	
+Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/11/08 17:10	108-10-1	
Acetone	ND	ug/L	5.0	2.3	1		06/11/08 17:10	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/11/08 17:10	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/11/08 17:10	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/11/08 17:10	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/11/08 17:10	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/11/08 17:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/11/08 17:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/11/08 17:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/11/08 17:10	75-00-3	
Chloroform	ND	ug/L	5.0	0.37	1		06/11/08 17:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/11/08 17:10	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/11/08 17:10	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/11/08 17:10	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/11/08 17:10	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/11/08 17:10	100-42-5	
Tetrachloroethene	0.60J	ug/L	1.0	0.45	1		06/11/08 17:10	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/11/08 17:10	108-88-3	
Trichloroethene	1.9	ug/L	1.0	0.48	1		06/11/08 17:10	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/11/08 17:10	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/11/08 17:10	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 17:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 17:10	10061-02-6	
4-Bromofluorobenzene (S)	108	%	64-132		1		06/11/08 17:10	460-00-4	
Dibromofluoromethane (S)	115	%	68-122		1		06/11/08 17:10	1868-53-7	
Toluene-d8 (S)	110	%	73-127		1		06/11/08 17:10	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: PM-01D Lab ID: 404808005 Collected: 06/03/08 11:15 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Iron	149	ug/L	100	7.2	1	06/11/08 09:24	06/11/08 23:36	7439-89-6	
Manganese	27.1	ug/L	5.0	0.66	1	06/11/08 09:24	06/11/08 23:36	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Iron	ND	ug/L	100	6.9	1		06/11/08 18:31	7439-89-6	
Manganese	24.9	ug/L	5.0	0.48	1		06/11/08 18:31	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/11/08 17:34	71-55-6	
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/11/08 17:34	79-34-5	
1,1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/11/08 17:34	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/11/08 17:34	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/11/08 17:34	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/11/08 17:34	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/11/08 17:34	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/11/08 17:34	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/11/08 17:34	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/11/08 17:34	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/11/08 17:34	108-10-1	
Acetone	ND	ug/L	5.0	2.3	1		06/11/08 17:34	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/11/08 17:34	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/11/08 17:34	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/11/08 17:34	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/11/08 17:34	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/11/08 17:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/11/08 17:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/11/08 17:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/11/08 17:34	75-00-3	
Chloroform	ND	ug/L	5.0	0.37	1		06/11/08 17:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/11/08 17:34	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/11/08 17:34	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/11/08 17:34	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/11/08 17:34	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/11/08 17:34	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		06/11/08 17:34	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/11/08 17:34	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.48	1		06/11/08 17:34	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/11/08 17:34	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/11/08 17:34	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 17:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 17:34	10061-02-6	
4-Bromofluorobenzene (S)	110	%	64-132		1		06/11/08 17:34	460-00-4	
Dibromofluoromethane (S)	113	%	68-122		1		06/11/08 17:34	1868-53-7	
Toluene-d8 (S)	112	%	73-127		1		06/11/08 17:34	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: PM-03S Lab ID: 404808006 Collected: 06/03/08 13:00 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	10.4J	ug/L	100	7.2	1	06/11/08 09:24	06/11/08 23:40	7439-89-6	
Manganese	930	ug/L	5.0	0.66	1	06/11/08 09:24	06/11/08 23:40	7439-96-5	
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Iron	ND	ug/L	100	6.9	1		06/11/08 18:35	7439-89-6	
Manganese	977	ug/L	5.0	0.48	1		06/11/08 18:35	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	2.5	2.2	2.5		06/11/08 23:28	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	2.5	0.50	2.5		06/11/08 23:28	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	2.5	1.0	2.5		06/11/08 23:28	79-00-5	
1,1-Dichloroethane	ND	ug/L	2.5	1.9	2.5		06/11/08 23:28	75-34-3	
1,1-Dichloroethene	ND	ug/L	2.5	1.4	2.5		06/11/08 23:28	75-35-4	
1,2-Dichloroethane	ND	ug/L	2.5	0.90	2.5		06/11/08 23:28	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	3.5	2.5		06/11/08 23:28	540-59-0	
1,2-Dichloropropane	ND	ug/L	2.5	1.2	2.5		06/11/08 23:28	78-87-5	
2-Butanone (MEK)	ND	ug/L	12.5	10.8	2.5		06/11/08 23:28	78-93-3	
Hexanone	ND	ug/L	12.5	2.8	2.5		06/11/08 23:28	591-78-6	
2-Methyl-2-pentanone (MIBK)	ND	ug/L	12.5	3.0	2.5		06/11/08 23:28	108-10-1	
Acetone	ND	ug/L	12.5	5.8	2.5		06/11/08 23:28	67-64-1	
Benzene	ND	ug/L	2.5	1.0	2.5		06/11/08 23:28	71-43-2	
Bromodichloromethane	ND	ug/L	2.5	1.4	2.5		06/11/08 23:28	75-27-4	
Bromoform	ND	ug/L	2.5	2.4	2.5		06/11/08 23:28	75-25-2	
Bromomethane	ND	ug/L	2.5	2.3	2.5		06/11/08 23:28	74-83-9	
Carbon disulfide	ND	ug/L	2.5	1.6	2.5		06/11/08 23:28	75-15-0	
Carbon tetrachloride	ND	ug/L	2.5	1.2	2.5		06/11/08 23:28	56-23-5	
Chlorobenzene	ND	ug/L	2.5	1.0	2.5		06/11/08 23:28	108-90-7	
Chloroethane	ND	ug/L	2.5	2.4	2.5		06/11/08 23:28	75-00-3	
Chloroform	ND	ug/L	12.5	0.92	2.5		06/11/08 23:28	67-66-3	
Chloromethane	ND	ug/L	2.5	0.60	2.5		06/11/08 23:28	74-87-3	
Dibromochloromethane	ND	ug/L	2.5	2.0	2.5		06/11/08 23:28	124-48-1	
Ethylbenzene	ND	ug/L	2.5	1.4	2.5		06/11/08 23:28	100-41-4	
Methylene Chloride	ND	ug/L	2.5	1.1	2.5		06/11/08 23:28	75-09-2	
Styrene	ND	ug/L	2.5	2.2	2.5		06/11/08 23:28	100-42-5	
Tetrachloroethene	72.5	ug/L	2.5	1.1	2.5		06/11/08 23:28	127-18-4	
Toluene	ND	ug/L	2.5	1.7	2.5		06/11/08 23:28	108-88-3	
Trichloroethene	297	ug/L	2.5	1.2	2.5		06/11/08 23:28	79-01-6	
Vinyl chloride	ND	ug/L	2.5	0.45	2.5		06/11/08 23:28	75-01-4	
Xylene (Total)	ND	ug/L	7.5	6.5	2.5		06/11/08 23:28	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	2.5	0.48	2.5		06/11/08 23:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	2.5	0.48	2.5		06/11/08 23:28	10061-02-6	
4-Bromofluorobenzene (S)	108	%	64-132		2.5		06/11/08 23:28	460-00-4	
Dibromofluoromethane (S)	114	%	68-122		2.5		06/11/08 23:28	1868-53-7	
Toluene-d8 (S)	111	%	73-127		2.5		06/11/08 23:28	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: PM-03D Lab ID: 404808007 Collected: 06/03/08 13:35 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP									
Analytical Method: EPA 6010 Preparation Method: EPA 3010									
Iron	19.8J	ug/L	100	7.2	1	06/11/08 09:24	06/11/08 23:44	7439-89-6	
Manganese	17.6	ug/L	5.0	0.66	1	06/11/08 09:24	06/11/08 23:44	7439-96-5	
6010 MET ICP, Dissolved									
Analytical Method: EPA 6010									
Iron	ND	ug/L	100	6.9	1		06/11/08 18:39	7439-89-6	
Manganese	29.0	ug/L	5.0	0.48	1		06/11/08 18:39	7439-96-5	
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/11/08 17:58	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/11/08 17:58	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/11/08 17:58	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/11/08 17:58	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/11/08 17:58	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/11/08 17:58	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/11/08 17:58	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/11/08 17:58	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/11/08 17:58	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/11/08 17:58	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/11/08 17:58	108-10-1	
Acetone	ND	ug/L	5.0	2.3	1		06/11/08 17:58	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/11/08 17:58	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/11/08 17:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/11/08 17:58	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/11/08 17:58	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/11/08 17:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/11/08 17:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/11/08 17:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/11/08 17:58	75-00-3	
Chloroform	ND	ug/L	5.0	0.37	1		06/11/08 17:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/11/08 17:58	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/11/08 17:58	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/11/08 17:58	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/11/08 17:58	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/11/08 17:58	100-42-5	
Tetrachloroethene	1.4	ug/L	1.0	0.45	1		06/11/08 17:58	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/11/08 17:58	108-88-3	
Trichloroethene	5.0	ug/L	1.0	0.48	1		06/11/08 17:58	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/11/08 17:58	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/11/08 17:58	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 17:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 17:58	10061-02-6	
4-Bromofluorobenzene (S)	108	%	64-132		1		06/11/08 17:58	460-00-4	
Dibromofluoromethane (S)	116	%	68-122		1		06/11/08 17:58	1868-53-7	pH
Toluene-d8 (S)	111	%	73-127		1		06/11/08 17:58	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: PM-04S Lab ID: 404808008 Collected: 06/03/08 14:00 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	26.7J	ug/L	100	7.2	1	06/11/08 09:24	06/12/08 13:01	7439-89-6	
Manganese	70200	ug/L	50.0	6.6	10	06/11/08 09:24	06/11/08 23:48	7439-96-5	
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Iron	ND	ug/L	100	6.9	1		06/13/08 17:33	7439-89-6	
Manganese	61100	ug/L	50.0	4.8	10		06/12/08 17:38	7439-96-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: PM-04D **Lab ID: 404808009** Collected: 06/03/08 14:35 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	91.1J	ug/L	100	7.2	1	06/11/08 09:24	06/11/08 23:52	7439-89-6	
Manganese	4990	ug/L	5.0	0.66	1	06/11/08 09:24	06/11/08 23:52	7439-96-5	
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Iron	ND	ug/L	100	6.9	1		06/12/08 12:33	7439-89-6	
Manganese	4630	ug/L	5.0	0.48	1		06/12/08 12:33	7439-96-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: BRMW-02A Lab ID: 404808010 Collected: 06/04/08 12:10 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	ND	ug/L	100	7.2	1	06/11/08 09:24	06/11/08 23:56	7439-89-6	
Manganese	140	ug/L	5.0	0.66	1	06/11/08 09:24	06/11/08 23:56	7439-96-5	
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Iron	ND	ug/L	100	6.9	1		06/11/08 18:47	7439-89-6	
Manganese	119	ug/L	5.0	0.48	1		06/11/08 18:47	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/11/08 18:21	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/11/08 18:21	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/11/08 18:21	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/11/08 18:21	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/11/08 18:21	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/11/08 18:21	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/11/08 18:21	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/11/08 18:21	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/11/08 18:21	78-93-3	
Hexanone	ND	ug/L	5.0	1.1	1		06/11/08 18:21	591-78-6	
±Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/11/08 18:21	108-10-1	
Acetone	ND	ug/L	5.0	2.3	1		06/11/08 18:21	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/11/08 18:21	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/11/08 18:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/11/08 18:21	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/11/08 18:21	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/11/08 18:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/11/08 18:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/11/08 18:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/11/08 18:21	75-00-3	
Chloroform	ND	ug/L	5.0	0.37	1		06/11/08 18:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/11/08 18:21	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/11/08 18:21	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/11/08 18:21	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/11/08 18:21	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/11/08 18:21	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		06/11/08 18:21	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/11/08 18:21	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.48	1		06/11/08 18:21	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/11/08 18:21	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/11/08 18:21	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 18:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 18:21	10061-02-6	
4-Bromofluorobenzene (S)	108 %		64-132		1		06/11/08 18:21	460-00-4	
Dibromofluoromethane (S)	113 %		68-122		1		06/11/08 18:21	1868-53-7	
Toluene-d8 (S)	112 %		73-127		1		06/11/08 18:21	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: **BRMW-02** Lab ID: **404808011** Collected: 06/04/08 13:45 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	ND	ug/L	100	7.2	1	06/11/08 09:24	06/12/08 00:01	7439-89-6	
Manganese	270	ug/L	5.0	0.66	1	06/11/08 09:24	06/12/08 00:01	7439-96-5	
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Iron	ND	ug/L	100	6.9	1		06/11/08 18:51	7439-89-6	
Manganese	230	ug/L	5.0	0.48	1		06/11/08 18:51	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/11/08 18:45	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/11/08 18:45	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/11/08 18:45	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/11/08 18:45	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/11/08 18:45	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/11/08 18:45	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/11/08 18:45	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/11/08 18:45	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/11/08 18:45	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/11/08 18:45	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/11/08 18:45	108-10-1	
Acetone	ND	ug/L	5.0	2.3	1		06/11/08 18:45	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/11/08 18:45	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/11/08 18:45	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/11/08 18:45	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/11/08 18:45	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/11/08 18:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/11/08 18:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/11/08 18:45	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/11/08 18:45	75-00-3	
Chloroform	ND	ug/L	5.0	0.37	1		06/11/08 18:45	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/11/08 18:45	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/11/08 18:45	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/11/08 18:45	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/11/08 18:45	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/11/08 18:45	100-42-5	
Tetrachloroethene	46.1	ug/L	1.0	0.45	1		06/11/08 18:45	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/11/08 18:45	108-88-3	
Trichloroethene	102	ug/L	1.0	0.48	1		06/11/08 18:45	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/11/08 18:45	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/11/08 18:45	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 18:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 18:45	10061-02-6	
4-Bromofluorobenzene (S)	109	%	64-132		1		06/11/08 18:45	460-00-4	
Dibromofluoromethane (S)	117	%	68-122		1		06/11/08 18:45	1868-53-7	
Toluene-d8 (S)	112	%	73-127		1		06/11/08 18:45	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: **BRMW-11** Lab ID: **404808012** Collected: 06/04/08 14:20 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	23.8J	ug/L	100	7.2	1	06/11/08 09:24	06/12/08 13:05	7439-89-6	
Manganese	81.8	ug/L	5.0	0.66	1	06/11/08 09:24	06/12/08 00:12	7439-96-5	
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Iron	ND	ug/L	100	6.9	1		06/11/08 18:55	7439-89-6	
Manganese	77.3	ug/L	5.0	0.48	1		06/11/08 18:55	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	25.0	22.5	25		06/11/08 23:52	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	25.0	5.0	25		06/11/08 23:52	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	25.0	10.5	25		06/11/08 23:52	79-00-5	
1,1-Dichloroethane	ND	ug/L	25.0	18.8	25		06/11/08 23:52	75-34-3	
1,1-Dichloroethene	ND	ug/L	25.0	14.2	25		06/11/08 23:52	75-35-4	
1,2-Dichloroethane	ND	ug/L	25.0	9.0	25		06/11/08 23:52	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	50.0	35.0	25		06/11/08 23:52	540-59-0	
1,2-Dichloropropane	ND	ug/L	25.0	11.5	25		06/11/08 23:52	78-87-5	
2-Butanone (MEK)	ND	ug/L	125	108	25		06/11/08 23:52	78-93-3	
Hexanone	ND	ug/L	125	27.5	25		06/11/08 23:52	591-78-6	
+Methyl-2-pentanone (MIBK)	ND	ug/L	125	30.0	25		06/11/08 23:52	108-10-1	
Acetone	ND	ug/L	125	58.0	25		06/11/08 23:52	67-64-1	
Benzene	ND	ug/L	25.0	10.2	25		06/11/08 23:52	71-43-2	
Bromodichloromethane	ND	ug/L	25.0	14.0	25		06/11/08 23:52	75-27-4	
Bromoform	ND	ug/L	25.0	23.5	25		06/11/08 23:52	75-25-2	
Bromomethane	ND	ug/L	25.0	22.8	25		06/11/08 23:52	74-83-9	
Carbon disulfide	ND	ug/L	25.0	16.5	25		06/11/08 23:52	75-15-0	
Carbon tetrachloride	ND	ug/L	25.0	12.2	25		06/11/08 23:52	56-23-5	
Chlorobenzene	ND	ug/L	25.0	10.2	25		06/11/08 23:52	108-90-7	
Chloroethane	ND	ug/L	25.0	24.2	25		06/11/08 23:52	75-00-3	
Chloroform	ND	ug/L	125	9.2	25		06/11/08 23:52	67-66-3	
Chloromethane	ND	ug/L	25.0	6.0	25		06/11/08 23:52	74-87-3	
Dibromochloromethane	ND	ug/L	25.0	20.2	25		06/11/08 23:52	124-48-1	
Ethylbenzene	ND	ug/L	25.0	13.5	25		06/11/08 23:52	100-41-4	
Methylene Chloride	ND	ug/L	25.0	10.8	25		06/11/08 23:52	75-09-2	
Styrene	ND	ug/L	25.0	21.5	25		06/11/08 23:52	100-42-5	
Tetrachloroethene	1460	ug/L	25.0	11.2	25		06/11/08 23:52	127-18-4	
Toluene	ND	ug/L	25.0	16.8	25		06/11/08 23:52	108-88-3	
Trichloroethene	3120	ug/L	25.0	12.0	25		06/11/08 23:52	79-01-6	
Vinyl chloride	ND	ug/L	25.0	4.5	25		06/11/08 23:52	75-01-4	
Xylene (Total)	ND	ug/L	75.0	65.0	25		06/11/08 23:52	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	25.0	4.8	25		06/11/08 23:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	25.0	4.8	25		06/11/08 23:52	10061-02-6	
4-Bromofluorobenzene (S)	110	%	64-132		25		06/11/08 23:52	460-00-4	
Dibromofluoromethane (S)	111	%	68-122		25		06/11/08 23:52	1868-53-7	
Toluene-d8 (S)	116	%	73-127		25		06/11/08 23:52	2037-26-5	

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ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Sample: DU-08201 Lab ID: 404808013 Collected: 06/04/08 14:20 Received: 06/06/08 09:40 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	ND	ug/L	100	7.2	1	06/11/08 09:24	06/12/08 13:09	7439-89-6	
Manganese	280	ug/L	5.0	0.66	1	06/11/08 09:24	06/12/08 00:16	7439-96-5	
6010 MET ICP, Dissolved		Analytical Method: EPA 6010							
Iron	ND	ug/L	100	6.9	1		06/11/08 18:59	7439-89-6	
Manganese	226	ug/L	5.0	0.48	1		06/11/08 18:59	7439-96-5	
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/11/08 19:08	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/11/08 19:08	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/11/08 19:08	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/11/08 19:08	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/11/08 19:08	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/11/08 19:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/11/08 19:08	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/11/08 19:08	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/11/08 19:08	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/11/08 19:08	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/11/08 19:08	108-10-1	
Acetone	ND	ug/L	5.0	2.3	1		06/11/08 19:08	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/11/08 19:08	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/11/08 19:08	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/11/08 19:08	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/11/08 19:08	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/11/08 19:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/11/08 19:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/11/08 19:08	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/11/08 19:08	75-00-3	
Chloroform	ND	ug/L	5.0	0.37	1		06/11/08 19:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/11/08 19:08	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/11/08 19:08	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/11/08 19:08	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/11/08 19:08	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/11/08 19:08	100-42-5	
Tetrachloroethene	46.0	ug/L	1.0	0.45	1		06/11/08 19:08	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/11/08 19:08	108-88-3	
Trichloroethene	101	ug/L	1.0	0.48	1		06/11/08 19:08	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/11/08 19:08	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/11/08 19:08	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 19:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/11/08 19:08	10061-02-6	
4-Bromofluorobenzene (S)	110	%	64-132		1		06/11/08 19:08	460-00-4	
Dibromofluoromethane (S)	115	%	68-122		1		06/11/08 19:08	1868-53-7	
Toluene-d8 (S)	114	%	73-127		1		06/11/08 19:08	2037-26-5	

QUALITY CONTROL DATA

Project: 71238.32 SANGAMO
Pace Project No.: 404808

QC Batch: MSV/1873 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 404808001, 404808004, 404808005, 404808006, 404808007, 404808010, 404808011, 404808012, 404808013

METHOD BLANK: 37773

Associated Lab Samples: 404808001, 404808004, 404808005, 404808006, 404808007, 404808010, 404808011, 404808012, 404808013

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	
1,1,2-Trichloroethane	ug/L	ND	1.0	
1,1-Dichloroethane	ug/L	ND	1.0	
1,1-Dichloroethene	ug/L	ND	1.0	
1,2-Dichloroethane	ug/L	ND	1.0	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	
1,2-Dichloropropane	ug/L	ND	1.0	
2-Butanone (MEK)	ug/L	ND	5.0	
2-Hexanone	ug/L	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	
Acetone	ug/L	ND	5.0	
Benzene	ug/L	ND	1.0	
Bromodichloromethane	ug/L	ND	1.0	
Bromoform	ug/L	ND	1.0	
Bromomethane	ug/L	ND	1.0	
Carbon disulfide	ug/L	ND	1.0	
Carbon tetrachloride	ug/L	ND	1.0	
Chlorobenzene	ug/L	ND	1.0	
Chloroethane	ug/L	ND	1.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	1.0	
cis-1,3-Dichloropropene	ug/L	ND	1.0	
Dibromochloromethane	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
Methylene Chloride	ug/L	ND	1.0	
Styrene	ug/L	ND	1.0	
Tetrachloroethene	ug/L	ND	1.0	
Toluene	ug/L	ND	1.0	
trans-1,3-Dichloropropene	ug/L	ND	1.0	
Trichloroethene	ug/L	ND	1.0	
Vinyl chloride	ug/L	ND	1.0	
Xylene (Total)	ug/L	ND	3.0	
4-Bromofluorobenzene (S)	%	108	64-132	
Dibromofluoromethane (S)	%	111	68-122	
Toluene-d8 (S)	%	113	73-127	

LABORATORY CONTROL SAMPLE & LCSD: 37774

37775

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.9	56.9	110	114	75-128	4	20	

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QUALITY CONTROL DATA

Project: 71238.32 SANGAMO
Pace Project No.: 404808

LABORATORY CONTROL SAMPLE & LCSD: 37774			37775							
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,2,2-Tetrachloroethane	ug/L	50	46.5	46.4	93	93	67-125	.3	20	
1,1,2-Trichloroethane	ug/L	50	51.8	51.2	104	102	75-125	1	20	
1,1-Dichloroethane	ug/L	50	55.5	56.8	111	114	71-130	2	20	
1,1-Dichloroethene	ug/L	50	57.0	57.7	114	115	75-125	1	20	
1,2-Dichloroethane	ug/L	50	52.2	53.0	104	106	71-132	2	20	
1,2-Dichloroethene (Total)	ug/L	100	111	113	111	113	75-125	2	20	
1,2-Dichloropropane	ug/L	50	55.2	55.7	110	111	73-125	.9	20	
2-Butanone (MEK)	ug/L	50	52.6	52.1	105	104	59-130	1	20	
2-Hexanone	ug/L	50	51.0	50.8	102	102	51-125	.4	20	
4-Methyl-2-pentanone (MIBK)	ug/L	50	50.1	49.8	100	100	59-125	.4	20	
Acetone	ug/L	50	52.3	50.2	105	100	31-150	4	20	
Benzene	ug/L	50	54.1	54.6	108	109	75-125	1	20	
Bromodichloromethane	ug/L	50	54.3	54.4	109	109	75-125	.3	20	
Bromoform	ug/L	50	45.6	46.3	91	93	75-125	2	20	
Bromomethane	ug/L	50	39.8	39.7	80	79	66-125	.3	20	
Carbon disulfide	ug/L	50	55.5	56.3	111	113	71-128	1	20	
Carbon tetrachloride	ug/L	50	57.6	57.9	115	116	75-125	.5	20	
Chlorobenzene	ug/L	50	53.1	52.5	106	105	75-125	1	20	
Chloroethane	ug/L	50	52.2	51.9	104	104	72-126	.5	20	
Chloroform	ug/L	50	52.8	54.2	106	108	75-125	3	20	
Chloromethane	ug/L	50	48.5	47.1	97	94	46-143	3	20	
cis-1,3-Dichloropropene	ug/L	50	56.3	56.4	113	113	75-125	.2	20	
Dibromochloromethane	ug/L	50	51.4	51.8	103	104	75-125	.7	20	
Ethylbenzene	ug/L	50	54.2	54.8	108	110	75-125	1	20	
Methylene Chloride	ug/L	50	53.8	55.7	108	111	75-125	3	20	
Styrene	ug/L	50	49.7	50.7	99	101	75-125	2	20	
Tetrachloroethene	ug/L	50	50.7	50.5	101	101	75-130	.4	20	
Toluene	ug/L	50	52.8	54.3	106	109	75-125	3	20	
trans-1,3-Dichloropropene	ug/L	50	53.5	54.0	107	108	75-125	.8	20	
Trichloroethene	ug/L	50	56.7	56.3	113	113	75-125	.7	20	
Vinyl chloride	ug/L	50	51.9	51.0	104	102	65-130	2	20	
Xylene (Total)	ug/L	150	161	161	107	107	75-125	.3	20	
4-Bromofluorobenzene (S)	%				106	108	64-132			
Dibromofluoromethane (S)	%				108	111	68-122			
Toluene-d8 (S)	%				111	112	73-127			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 37776			37777									
Parameter	Units	404797008 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
			Spike Conc.	Result	Spike Conc.	Result						
1,1,1-Trichloroethane	ug/L	0.90U	50	50	55.7	57.8	111	116	70-130	4	30	
1,1,2,2-Tetrachloroethane	ug/L	0.20U	50	50	46.6	47.2	93	94	70-130	1	30	
1,1,2-Trichloroethane	ug/L	0.42U	50	50	51.4	51.9	103	104	70-130	1	30	
1,1-Dichloroethane	ug/L	0.75U	50	50	56.0	56.8	112	114	70-130	1	30	
1,1-Dichloroethene	ug/L	0.57U	50	50	57.6	56.9	115	114	70-135	1	30	
1,2-Dichloroethane	ug/L	0.36U	50	50	53.0	54.5	106	109	70-130	3	30	
1,2-Dichloroethene (Total)	ug/L	1.4U	100	100	111	114	111	114	70-130	3	30	

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QUALITY CONTROL DATA

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Parameter	Units	37776		37777		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		404797008 Result	MS Spike Conc.	MSD Spike Conc.	MS Conc.							
1,2-Dichloropropane	ug/L	0.46U	50	50	55.0	55.6	110	111	70-130	1	30	
2-Butanone (MEK)	ug/L	4.3U	50	50	51.4	54.0	103	108	51-130	5	30	
2-Hexanone	ug/L	1.1U	50	50	50.4	52.4	101	105	53-130	4	30	
4-Methyl-2-pentanone (MIBK)	ug/L	1.2U	50	50	50.5	52.3	101	105	62-132	4	30	
Acetone	ug/L	2.3U	50	50	48.7	49.6	97	99	42-132	2	30	
Benzene	ug/L	0.41U	50	50	54.7	56.0	109	112	70-130	2	30	
Bromodichloromethane	ug/L	0.56U	50	50	53.9	54.9	108	110	70-130	2	30	
Bromoform	ug/L	0.94U	50	50	46.4	47.3	93	95	70-130	2	30	
Bromomethane	ug/L	0.91U	50	50	40.1	41.2	80	82	63-147	3	30	
Carbon disulfide	ug/L	0.66U	50	50	56.2	55.6	112	111	56-142	1	30	
Carbon tetrachloride	ug/L	0.49U	50	50	58.6	59.8	117	120	70-131	2	30	
Chlorobenzene	ug/L	0.41U	50	50	52.1	53.1	104	106	70-130	2	30	
Chloroethane	ug/L	0.97U	50	50	51.6	51.7	103	103	67-138	.08	30	
Chloroform	ug/L	0.37U	50	50	53.8	54.5	108	109	70-130	1	30	
Chloromethane	ug/L	0.24U	50	50	44.5	45.1	89	90	43-150	1	30	
cis-1,3-Dichloropropene	ug/L	0.19U	50	50	56.1	56.7	112	113	70-130	1	30	
Dibromochloromethane	ug/L	0.81U	50	50	52.3	52.7	105	105	70-130	.9	30	
Ethylbenzene	ug/L	0.54U	50	50	55.0	55.1	110	110	70-136	.1	30	
ethylene Chloride	ug/L	0.43U	50	50	54.6	55.0	109	110	70-130	.8	30	
styrene	ug/L	0.86U	50	50	50.7	50.8	101	102	70-130	.3	30	
Tetrachloroethene	ug/L	0.45U	50	50	51.3	51.4	103	103	70-130	.2	30	
Toluene	ug/L	0.67U	50	50	53.0	53.3	106	106	70-130	.6	30	
trans-1,3-Dichloropropene	ug/L	0.19U	50	50	54.4	54.8	109	110	70-130	.7	30	
Trichloroethene	ug/L	0.48U	50	50	55.6	56.3	111	113	70-130	1	30	
Vinyl chloride	ug/L	1.2	50	50	51.7	51.0	101	100	62-138	1	30	
Xylene (Total)	ug/L	2.6U	150	150	160	162	106	107	70-130	.9	30	
4-Bromofluorobenzene (S)	%						108	107	64-132			
Dibromofluoromethane (S)	%						111	110	68-122			
Toluene-d8 (S)	%						111	110	73-127			

QUALITY CONTROL DATA

Project: 71238.32 SANGAMO
Pace Project No.: 404808

QC Batch: MPRP/1431 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 404808002, 404808003, 404808004

METHOD BLANK: 37813

Associated Lab Samples: 404808002, 404808003, 404808004

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Iron	ug/L	ND	100	
Manganese	ug/L	ND	5.0	

LABORATORY CONTROL SAMPLE: 37814

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	5080	102	80-120	
Manganese	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 37815 37816

Parameter	Units	404719001 Result	MS		MSD		MS		MSD		% Rec Limits	Max		Qual
			Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	% Rec	% Rec	RPD	RPD				
Iron	ug/L	16300	5000	5000	21900	21500	111	103	75-125	2	20			
Manganese	ug/L	316	500	500	801	819	97	101	75-125	2	20			

QUALITY CONTROL DATA

Project: 71238.32 SANGAMO
Pace Project No.: 404808

QC Batch: MPRP/1444 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 404808005, 404808006, 404808007, 404808008, 404808009, 404808010, 404808011, 404808012, 404808013

METHOD BLANK: 38638

Associated Lab Samples: 404808005, 404808006, 404808007, 404808008, 404808009, 404808010, 404808011, 404808012, 404808013

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Iron	ug/L	ND	100	
Manganese	ug/L	ND	5.0	

LABORATORY CONTROL SAMPLE: 38639

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4750	95	80-120	
Manganese	ug/L	500	482	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 38640 38641

Parameter	Units	404897001 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	Max		Qual
			Spike Conc.	MS Result	Spike Conc.	MSD Result				RPD	RPD	
Iron	ug/L	93.8J	5000	4520	5000	4510	89	88	75-125	.2	20	
Manganese	ug/L	2.2J	500	466	500	462	93	92	75-125	.9	20	

QUALITY CONTROL DATA

Project: 71238.32 SANGAMO
Pace Project No.: 404808

QC Batch: ICP/1310 Analysis Method: EPA 6010
QC Batch Method: EPA 6010 Analysis Description: ICP Metals, Trace, Dissolved
Associated Lab Samples: 404808002, 404808003, 404808004, 404808005, 404808006, 404808007, 404808008, 404808009, 404808010, 404808011, 404808012, 404808013

METHOD BLANK: 38791

Associated Lab Samples: 404808002, 404808003, 404808004, 404808005, 404808006, 404808007, 404808008, 404808009, 404808010, 404808011, 404808012, 404808013

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
Iron	ug/L	ND	100	
Manganese	ug/L	ND	5.0	

LABORATORY CONTROL SAMPLE: 38792

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4960	99	80-120	
Manganese	ug/L	500	482	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 38793 38794

Parameter	Units	404731001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Iron	ug/L	308	5000	5000	5140	5070	97	95	75-125	1	20	
Manganese	ug/L	158	500	500	638	621	96	92	75-125	3	20	

QUALIFIERS

Project: 71238.32 SANGAMO
Pace Project No.: 404808

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 71238.32 SANGAMO
Pace Project No.: 404808

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
404808001	TBLK-08201	EPA 8260	MSV/1873		
404808004	PM-01S	EPA 8260	MSV/1873		
404808005	PM-01D	EPA 8260	MSV/1873		
404808006	PM-03S	EPA 8260	MSV/1873		
404808007	PM-03D	EPA 8260	MSV/1873		
404808010	BRMW-02A	EPA 8260	MSV/1873		
404808011	BRMW-02	EPA 8260	MSV/1873		
404808012	BRMW-11	EPA 8260	MSV/1873		
404808013	DU-08201	EPA 8260	MSV/1873		
404808002	PM-02S	EPA 3010	MPRP/1431	EPA 6010	ICP/1303
404808003	PM-02D	EPA 3010	MPRP/1431	EPA 6010	ICP/1303
404808004	PM-01S	EPA 3010	MPRP/1431	EPA 6010	ICP/1303
404808005	PM-01D	EPA 3010	MPRP/1444	EPA 6010	ICP/1313
404808006	PM-03S	EPA 3010	MPRP/1444	EPA 6010	ICP/1313
404808007	PM-03D	EPA 3010	MPRP/1444	EPA 6010	ICP/1313
404808008	PM-04S	EPA 3010	MPRP/1444	EPA 6010	ICP/1313
404808009	PM-04D	EPA 3010	MPRP/1444	EPA 6010	ICP/1313
404808010	BRMW-02A	EPA 3010	MPRP/1444	EPA 6010	ICP/1313
404808011	BRMW-02	EPA 3010	MPRP/1444	EPA 6010	ICP/1313
404808012	BRMW-11	EPA 3010	MPRP/1444	EPA 6010	ICP/1313
404808013	DU-08201	EPA 3010	MPRP/1444	EPA 6010	ICP/1313
404808002	PM-02S	EPA 6010	ICP/1310		
404808003	PM-02D	EPA 6010	ICP/1310		
404808004	PM-01S	EPA 6010	ICP/1310		
404808005	PM-01D	EPA 6010	ICP/1310		
404808006	PM-03S	EPA 6010	ICP/1310		
404808007	PM-03D	EPA 6010	ICP/1310		
404808008	PM-04S	EPA 6010	ICP/1310		
404808009	PM-04D	EPA 6010	ICP/1310		
404808010	BRMW-02A	EPA 6010	ICP/1310		
404808011	BRMW-02	EPA 6010	ICP/1310		
404808012	BRMW-11	EPA 6010	ICP/1310		
404808013	DU-08201	EPA 6010	ICP/1310		

Work Order for ... Sangamo, Breazeale Site - June Performance Sampling

Project: Sangamo - Breazeale Site
 Project Number: 71238.32 task 3
 Sample Date: Week of June 2, 2008
 Type of Turnaround: Standard

RMT Project Manager: Mike Parker
 RMT Project Contact: Britney Barnes
 RMT Alternate Contacts: Beth Kaupa
 WO Prepared By/Date:BCB

Pace Analytical Services, Inc.
 1241 Bellevue Street Suite 9
 Greenbay, WI 54302
 Ph: 920-469-2436 Fax: 920-469-8827
 Contact: Tod Noltemeyer
 608-232-3300 x302
tod.noltemeyer@pacelabs.com

QC Package: Level 2

RMT-Format EDD

Must meet the Federal MCLs.

STATION	Metals: Fe, Mn Method: 6010/6020	Dissolved Metals: Fe, Mn	VOCs: TCE, 1,4 Method: 8260B	Field pH, Temp, Spec Cond., Turbidity, DO, ORP	Notes
PM-01S	X	X	X	X	Collect water levels on all wells and recovery wells
PM-01D	X	X	X	X	Full round of field parameters for all wells on this WO.
PM-02S	X	X	X	X	
PM-02D	X	X	X	X	
PM-03S	X	X	X	X	
PM-03D	X	X	X	X	Note color in permanganate area wells and use perm. colorimetric kit for comparison - kit should be at site
PM-04S	X	X	X	X	
PM-04D	X	X	X	X	
BRMW-02	X	X	X	X	
BRMW-02A	X	X	X	X	
BRMW-11	X	X	X	X	
DU-08201	X	X	X		
TBLK-08201			X		
TBLK-08202			X		

Metals: one 500 mL wide-mouth plastic; HNO3, ice; HT - 180 days; methods 6010B/6020/Series 7000.

VOC: three 40 mL septum vials; HCl preservative; ice; HT - 14 days; method SW-846 8260B.



Sample Condition Upon Receipt

Client Name: SANGAMA BREAZEALE Project # 404808

Courier: [X] Fed Ex [] UPS [] USPS [] Client [] Commercial [] Pace Other

Tracking #: _____



Custody Seal on Cooler/Box Present: [] yes [X] no Seals intact: [] yes [] no

Packing Material: [] Bubble Wrap [] Bubble Bags [X] None [] Other

Thermometer Used JB

Type of Ice: (Wet) Blue None [] Samples on ice, cooling process has begun

Cooler Temperature 1°

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: C 6/6/08

Temp should be above freezing to 6°C

Comments:

Table with 16 rows of checklist items (Chain of Custody Present, Chain of Custody Filled Out, etc.) and checkboxes for Yes, No, N/A.

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 6/6/08

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

File

June 18, 2008

Mark Bailey
RMT Greenville
30 Patewood Drive
Suite 100, Patewood Plaza One
Greenville, SC 296153535

RE: Project: 71238.32 SANGAMO
Pace Project No.: 405034

Dear Mark Bailey:

Enclosed are the analytical results for sample(s) received by the laboratory on June 12, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tod Noltemeyer

Tod Noltemeyer

tod.noltemeyer@pacelabs.com
Project Manager

Enclosures

TEMP-OK; CoC-SIGNED;
HT-OK; NARR-OK

SURRS - RECS OK
LCS/D - RECS + RPDs OK

MBLK + FBLK - 08202 - CLEAN
TBLK - 08202 HAS 4.1 J ug/L
OF ACETONE

DETECTIONS
ACETONE IN PM-02D
AND PM-04S ARE
ASSIGNED A "U" FLAG

↑ DON'T FORGET TO ADD
"L" TO PREFIX, BEFORE
UPDATING PPM + STAT FIELDS

REPORT OF LABORATORY ANALYSIS

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DU-08202 IS FIELD DUP OF
PM-04D. RESULTS ARE
COMPARABLE.
MS/MSD - BATCH QC - RECS + RPDs OK
TLH 6-19-08

CERTIFICATIONS

Project: 71238.32 SANGAMO
Pace Project No.: 405034

Green Bay Certification IDs

Florida (NELAP) Certification #: E87948
Illinois Certification #: 200050
California Certification #: 06246CA
New York Certification #: 11888
North Dakota Certification #: R-150
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 82
Louisiana Certification #: 04168

Green Bay Volatiles Certification IDs

Florida (NELAP) Certification #: E87951
California Certification #: 06247CA
Illinois Certification #: 200051
New York Certification #: 11887
North Dakota Certification #: R-200
North Carolina Certification #: 503

Minnesota Certification #: 055-999-334
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
Kentucky Certification #: 83
Louisiana Certification #: 04169

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 71238.32 SANGAMO
Pace Project No.: 405034

Lab ID	Sample ID	Matrix	Date Collected	Date Received
405034001	TBLK-08202	Water	06/11/08 00:00	06/12/08 11:00
405034002	FBLK-08202	Water	06/11/08 00:00	06/12/08 11:00
405034003	PM-04S	Water	06/11/08 11:00	06/12/08 11:00
405034004	PM-04D	Water	06/11/08 11:40	06/12/08 11:00
405034005	PM-02D	Water	06/11/08 13:10	06/12/08 11:00
405034006	PM-02S	Water	06/11/08 13:50	06/12/08 11:00
405034007	DU-08202	Water	06/11/08 00:00	06/12/08 11:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 71238.32 SANGAMO
Pace Project No.: 405034

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
405034001	TBLK-08202	EPA 8260	JJS	36	PASI-G
405034002	FBLK-08202	EPA 8260	JJS	36	PASI-G
405034003	PM-04S	EPA 8260	JJS	36	PASI-G
405034004	PM-04D	EPA 8260	JJS	36	PASI-G
405034005	PM-02D	EPA 8260	JJS	36	PASI-G
405034006	PM-02S	EPA 8260	JJS	36	PASI-G
405034007	DU-08202	EPA 8260	JJS	36	PASI-G

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 71238.32 SANGAMO
Pace Project No.: 405034

Method: EPA 8260
Description: 8260 MSV
Client: RMT MADISON
Date: June 18, 2008

General Information:

7 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.

- DU-08202 (Lab ID: 405034007)
- FBLK-08202 (Lab ID: 405034002)
- PM-02D (Lab ID: 405034005)
- PM-02S (Lab ID: 405034006)
- PM-04D (Lab ID: 405034004)
- PM-04S (Lab ID: 405034003)
- TBLK-08202 (Lab ID: 405034001)

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 71238.32 SANGAMO

Pace Project No.: 405034

Sample: TBLK-08202 Lab ID: 405034001 Collected: 06/11/08 00:00 Received: 06/12/08 11:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/16/08 17:25	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/16/08 17:25	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/16/08 17:25	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/16/08 17:25	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/16/08 17:25	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/16/08 17:25	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/16/08 17:25	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/16/08 17:25	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/16/08 17:25	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/16/08 17:25	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/16/08 17:25	108-10-1	
Acetone	4.1J	ug/L	5.0	2.3	1		06/16/08 17:25	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/16/08 17:25	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/16/08 17:25	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/16/08 17:25	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/16/08 17:25	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/16/08 17:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/16/08 17:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/16/08 17:25	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/16/08 17:25	75-00-3	
Chloroform	ND	ug/L	5.0	0.37	1		06/16/08 17:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/16/08 17:25	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/16/08 17:25	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/16/08 17:25	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/16/08 17:25	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/16/08 17:25	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		06/16/08 17:25	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/16/08 17:25	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.48	1		06/16/08 17:25	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/16/08 17:25	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/16/08 17:25	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 17:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 17:25	10061-02-6	
4-Bromofluorobenzene (S)	87 %		64-132		1		06/16/08 17:25	460-00-4	pH
Dibromofluoromethane (S)	111 %		68-122		1		06/16/08 17:25	1868-53-7	
Toluene-d8 (S)	108 %		73-127		1		06/16/08 17:25	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 405034

Sample: FBLK-08202 Lab ID: 405034002 Collected: 06/11/08 00:00 Received: 06/12/08 11:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/16/08 17:48	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/16/08 17:48	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/16/08 17:48	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/16/08 17:48	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/16/08 17:48	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/16/08 17:48	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/16/08 17:48	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/16/08 17:48	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/16/08 17:48	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/16/08 17:48	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/16/08 17:48	108-10-1	
Acetone	ND	ug/L	5.0	2.3	1		06/16/08 17:48	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/16/08 17:48	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/16/08 17:48	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/16/08 17:48	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/16/08 17:48	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/16/08 17:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/16/08 17:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/16/08 17:48	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/16/08 17:48	75-00-3	
Chloroform	ND	ug/L	5.0	0.37	1		06/16/08 17:48	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/16/08 17:48	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/16/08 17:48	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/16/08 17:48	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/16/08 17:48	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/16/08 17:48	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		06/16/08 17:48	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/16/08 17:48	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.48	1		06/16/08 17:48	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/16/08 17:48	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/16/08 17:48	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 17:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 17:48	10061-02-6	
4-Bromofluorobenzene (S)	88 %		64-132		1		06/16/08 17:48	460-00-4	pH
Dibromofluoromethane (S)	111 %		68-122		1		06/16/08 17:48	1868-53-7	
Toluene-d8 (S)	109 %		73-127		1		06/16/08 17:48	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO

Pace Project No.: 405034

Sample: PM-04S Lab ID: 405034003 Collected: 06/11/08 11:00 Received: 06/12/08 11:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/16/08 18:36	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/16/08 18:36	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/16/08 18:36	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/16/08 18:36	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/16/08 18:36	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/16/08 18:36	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/16/08 18:36	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/16/08 18:36	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/16/08 18:36	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/16/08 18:36	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/16/08 18:36	108-10-1	
Acetone	28.2	ug/L	5.0	2.3	1		06/16/08 18:36	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/16/08 18:36	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/16/08 18:36	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/16/08 18:36	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/16/08 18:36	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/16/08 18:36	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/16/08 18:36	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/16/08 18:36	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/16/08 18:36	75-00-3	
Chloroform	0.77J	ug/L	5.0	0.37	1		06/16/08 18:36	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/16/08 18:36	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/16/08 18:36	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/16/08 18:36	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/16/08 18:36	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/16/08 18:36	100-42-5	
Tetrachloroethene	3.0	ug/L	1.0	0.45	1		06/16/08 18:36	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/16/08 18:36	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.48	1		06/16/08 18:36	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/16/08 18:36	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/16/08 18:36	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 18:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 18:36	10061-02-6	
4-Bromofluorobenzene (S)	90 %		64-132		1		06/16/08 18:36	460-00-4	pH
Dibromofluoromethane (S)	114 %		68-122		1		06/16/08 18:36	1868-53-7	
Toluene-d8 (S)	107 %		73-127		1		06/16/08 18:36	2037-26-5	

Date: 06/18/2008 06:07 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 405034

Sample: PM-04D Lab ID: 405034004 Collected: 06/11/08 11:40 Received: 06/12/08 11:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/16/08 18:59	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/16/08 18:59	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/16/08 18:59	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/16/08 18:59	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/16/08 18:59	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/16/08 18:59	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/16/08 18:59	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/16/08 18:59	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/16/08 18:59	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/16/08 18:59	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/16/08 18:59	108-10-1	
Acetone	ND	ug/L	5.0	2.3	1		06/16/08 18:59	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/16/08 18:59	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/16/08 18:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/16/08 18:59	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/16/08 18:59	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/16/08 18:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/16/08 18:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/16/08 18:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/16/08 18:59	75-00-3	
Chloroform	0.56J	ug/L	5.0	0.37	1		06/16/08 18:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/16/08 18:59	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/16/08 18:59	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/16/08 18:59	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/16/08 18:59	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/16/08 18:59	100-42-5	
Tetrachloroethene	0.74J	ug/L	1.0	0.45	1		06/16/08 18:59	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/16/08 18:59	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.48	1		06/16/08 18:59	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/16/08 18:59	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/16/08 18:59	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 18:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 18:59	10061-02-6	
4-Bromofluorobenzene (S)	92 %		64-132		1		06/16/08 18:59	460-00-4	pH
Dibromofluoromethane (S)	114 %		68-122		1		06/16/08 18:59	1868-53-7	
Toluene-d8 (S)	111 %		73-127		1		06/16/08 18:59	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 405034

Sample: PM-02D Lab ID: 405034005 Collected: 06/11/08 13:10 Received: 06/12/08 11:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV									
Analytical Method: EPA 8260									
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/16/08 19:23	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/16/08 19:23	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/16/08 19:23	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/16/08 19:23	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/16/08 19:23	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/16/08 19:23	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/16/08 19:23	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/16/08 19:23	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/16/08 19:23	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/16/08 19:23	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/16/08 19:23	108-10-1	
Acetone	9.4	ug/L	5.0	2.3	1		06/16/08 19:23	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/16/08 19:23	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/16/08 19:23	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/16/08 19:23	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/16/08 19:23	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/16/08 19:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/16/08 19:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/16/08 19:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/16/08 19:23	75-00-3	
Chloroform	1.0J	ug/L	5.0	0.37	1		06/16/08 19:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/16/08 19:23	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/16/08 19:23	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/16/08 19:23	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/16/08 19:23	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/16/08 19:23	100-42-5	
Tetrachloroethene	0.54J	ug/L	1.0	0.45	1		06/16/08 19:23	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/16/08 19:23	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.48	1		06/16/08 19:23	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/16/08 19:23	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/16/08 19:23	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 19:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 19:23	10061-02-6	
4-Bromofluorobenzene (S)	89 %		64-132		1		06/16/08 19:23	460-00-4	pH
Dibromofluoromethane (S)	112 %		68-122		1		06/16/08 19:23	1868-53-7	
Toluene-d8 (S)	109 %		73-127		1		06/16/08 19:23	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO
Pace Project No.: 405034

Sample: PM-02S Lab ID: 405034006 Collected: 06/11/08 13:50 Received: 06/12/08 11:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/16/08 19:46	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/16/08 19:46	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/16/08 19:46	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/16/08 19:46	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/16/08 19:46	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/16/08 19:46	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/16/08 19:46	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/16/08 19:46	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/16/08 19:46	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/16/08 19:46	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/16/08 19:46	108-10-1	
Acetone	ND	ug/L	5.0	2.3	1		06/16/08 19:46	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/16/08 19:46	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/16/08 19:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/16/08 19:46	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/16/08 19:46	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/16/08 19:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/16/08 19:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/16/08 19:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/16/08 19:46	75-00-3	
Chloroform	ND	ug/L	5.0	0.37	1		06/16/08 19:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/16/08 19:46	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/16/08 19:46	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/16/08 19:46	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/16/08 19:46	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/16/08 19:46	100-42-5	
Tetrachloroethene	9.1	ug/L	1.0	0.45	1		06/16/08 19:46	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/16/08 19:46	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.48	1		06/16/08 19:46	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/16/08 19:46	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/16/08 19:46	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 19:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/16/08 19:46	10061-02-6	
4-Bromofluorobenzene (S)	90	%	64-132		1		06/16/08 19:46	460-00-4	pH
Dibromofluoromethane (S)	112	%	68-122		1		06/16/08 19:46	1868-53-7	
Toluene-d8 (S)	108	%	73-127		1		06/16/08 19:46	2037-26-5	

ANALYTICAL RESULTS

Project: 71238.32 SANGAMO

Pace Project No.: 405034

Sample: DU-08202 Lab ID: 405034007 Collected: 06/11/08 00:00 Received: 06/12/08 11:00 Matrix: Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV		Analytical Method: EPA 8260							
1,1,1-Trichloroethane	ND	ug/L	1.0	0.90	1		06/17/08 07:18	71-55-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.20	1		06/17/08 07:18	79-34-5	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.42	1		06/17/08 07:18	79-00-5	
1,1-Dichloroethane	ND	ug/L	1.0	0.75	1		06/17/08 07:18	75-34-3	
1,1-Dichloroethene	ND	ug/L	1.0	0.57	1		06/17/08 07:18	75-35-4	
1,2-Dichloroethane	ND	ug/L	1.0	0.36	1		06/17/08 07:18	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	2.0	1.4	1		06/17/08 07:18	540-59-0	
1,2-Dichloropropane	ND	ug/L	1.0	0.46	1		06/17/08 07:18	78-87-5	
2-Butanone (MEK)	ND	ug/L	5.0	4.3	1		06/17/08 07:18	78-93-3	
2-Hexanone	ND	ug/L	5.0	1.1	1		06/17/08 07:18	591-78-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1.2	1		06/17/08 07:18	108-10-1	
Acetone	ND	ug/L	5.0	2.3	1		06/17/08 07:18	67-64-1	
Benzene	ND	ug/L	1.0	0.41	1		06/17/08 07:18	71-43-2	
Bromodichloromethane	ND	ug/L	1.0	0.56	1		06/17/08 07:18	75-27-4	
Bromoform	ND	ug/L	1.0	0.94	1		06/17/08 07:18	75-25-2	
Bromomethane	ND	ug/L	1.0	0.91	1		06/17/08 07:18	74-83-9	
Carbon disulfide	ND	ug/L	1.0	0.66	1		06/17/08 07:18	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.49	1		06/17/08 07:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.41	1		06/17/08 07:18	108-90-7	
Chloroethane	ND	ug/L	1.0	0.97	1		06/17/08 07:18	75-00-3	
Chloroform	0.48J	ug/L	5.0	0.37	1		06/17/08 07:18	67-66-3	
Chloromethane	ND	ug/L	1.0	0.24	1		06/17/08 07:18	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	0.81	1		06/17/08 07:18	124-48-1	
Ethylbenzene	ND	ug/L	1.0	0.54	1		06/17/08 07:18	100-41-4	
Methylene Chloride	ND	ug/L	1.0	0.43	1		06/17/08 07:18	75-09-2	
Styrene	ND	ug/L	1.0	0.86	1		06/17/08 07:18	100-42-5	
Tetrachloroethene	ND	ug/L	1.0	0.45	1		06/17/08 07:18	127-18-4	
Toluene	ND	ug/L	1.0	0.67	1		06/17/08 07:18	108-88-3	
Trichloroethene	ND	ug/L	1.0	0.48	1		06/17/08 07:18	79-01-6	
Vinyl chloride	ND	ug/L	1.0	0.18	1		06/17/08 07:18	75-01-4	
Xylene (Total)	ND	ug/L	3.0	2.6	1		06/17/08 07:18	1330-20-7	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/17/08 07:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.19	1		06/17/08 07:18	10061-02-6	
4-Bromofluorobenzene (S)	90 %		64-132		1		06/17/08 07:18	460-00-4	pH
Dibromofluoromethane (S)	114 %		68-122		1		06/17/08 07:18	1868-53-7	
Toluene-d8 (S)	108 %		73-127		1		06/17/08 07:18	2037-26-5	

QUALITY CONTROL DATA

Project: 71238.32 SANGAMO
Pace Project No.: 405034

QC Batch: MSV/1929 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 405034001, 405034002, 405034003, 405034004, 405034005, 405034006, 405034007

METHOD BLANK: 40815

Associated Lab Samples: 405034001, 405034002, 405034003, 405034004, 405034005, 405034006, 405034007

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
1,1,1-Trichloroethane	ug/L	ND	1.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	
1,1,2-Trichloroethane	ug/L	ND	1.0	
1,1-Dichloroethane	ug/L	ND	1.0	
1,1-Dichloroethene	ug/L	ND	1.0	
1,2-Dichloroethane	ug/L	ND	1.0	
1,2-Dichloroethene (Total)	ug/L	ND	2.0	
1,2-Dichloropropane	ug/L	ND	1.0	
2-Butanone (MEK)	ug/L	ND	5.0	
2-Hexanone	ug/L	ND	5.0	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	
Acetone	ug/L	ND	5.0	
Benzene	ug/L	ND	1.0	
Bromodichloromethane	ug/L	ND	1.0	
Bromoform	ug/L	ND	1.0	
Bromomethane	ug/L	ND	1.0	
Carbon disulfide	ug/L	ND	1.0	
Carbon tetrachloride	ug/L	ND	1.0	
Chlorobenzene	ug/L	ND	1.0	
Chloroethane	ug/L	ND	1.0	
Chloroform	ug/L	ND	5.0	
Chloromethane	ug/L	ND	1.0	
cis-1,3-Dichloropropene	ug/L	ND	1.0	
Dibromochloromethane	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
Methylene Chloride	ug/L	ND	1.0	
Styrene	ug/L	ND	1.0	
Tetrachloroethene	ug/L	ND	1.0	
Toluene	ug/L	ND	1.0	
trans-1,3-Dichloropropene	ug/L	ND	1.0	
Trichloroethene	ug/L	ND	1.0	
Vinyl chloride	ug/L	ND	1.0	
Xylene (Total)	ug/L	ND	3.0	
4-Bromofluorobenzene (S)	%	89	64-132	
Dibromofluoromethane (S)	%	112	68-122	
Toluene-d8 (S)	%	107	73-127	

LABORATORY CONTROL SAMPLE & LCSD: 40816

40817

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.9	52.1	102	104	75-128	2	20	

Date: 06/18/2008 06:07 PM

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 71238.32 SANGAMO

Pace Project No.: 405034

LABORATORY CONTROL SAMPLE & LCSD: 40816			40817								
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers	
1,1,2,2-Tetrachloroethane	ug/L	50	52.9	55.6	106	111	67-125	5	20		
1,1,2-Trichloroethane	ug/L	50	49.0	50.7	98	101	75-125	3	20		
1,1-Dichloroethane	ug/L	50	47.0	47.9	94	96	71-130	2	20		
1,1-Dichloroethene	ug/L	50	60.1	61.3	120	123	75-125	2	20		
1,2-Dichloroethane	ug/L	50	46.8	47.2	94	94	71-132	1	20		
1,2-Dichloroethene (Total)	ug/L	100	110	111	110	111	75-125	1	20		
1,2-Dichloropropane	ug/L	50	47.6	47.7	95	95	73-125	2	20		
2-Butanone (MEK)	ug/L	50	36.8	36.6	74	73	59-130	5	20		
2-Hexanone	ug/L	50	42.8	43.3	86	87	51-125	1	20		
4-Methyl-2-pentanone (MIBK)	ug/L	50	45.2	45.6	90	91	59-125	9	20		
Acetone	ug/L	50	51.7	60.0	103	120	31-150	15	20		
Benzene	ug/L	50	51.7	51.8	103	104	75-125	2	20		
Bromodichloromethane	ug/L	50	42.6	42.8	85	86	75-125	7	20		
Bromoform	ug/L	50	44.1	47.1	88	94	75-125	7	20		
Bromomethane	ug/L	50	52.9	55.7	106	111	66-125	5	20		
Carbon disulfide	ug/L	50	55.7	56.4	111	113	71-128	1	20		
Carbon tetrachloride	ug/L	50	51.3	52.1	103	104	75-125	2	20		
Chlorobenzene	ug/L	50	51.5	55.0	103	110	75-125	7	20		
Chloroethane	ug/L	50	54.1	55.4	108	111	72-126	2	20		
Chloroform	ug/L	50	46.5	45.4	93	91	75-125	2	20		
Chloromethane	ug/L	50	48.3	48.4	97	97	46-143	4	20		
cis-1,3-Dichloropropene	ug/L	50	41.5	44.1	83	88	75-125	6	20		
Dibromochloromethane	ug/L	50	45.0	46.9	90	94	75-125	4	20		
Ethylbenzene	ug/L	50	51.4	54.3	103	109	75-125	5	20		
Methylene Chloride	ug/L	50	58.2	56.3	116	113	75-125	3	20		
Styrene	ug/L	50	50.5	54.4	101	109	75-125	7	20		
Tetrachloroethene	ug/L	50	48.5	51.0	97	102	75-130	5	20		
Toluene	ug/L	50	50.1	53.8	100	108	75-125	7	20		
trans-1,3-Dichloropropene	ug/L	50	38.5	45.3	77	91	75-125	16	20		
Trichloroethene	ug/L	50	50.0	51.0	100	102	75-125	2	20		
Vinyl chloride	ug/L	50	51.7	51.7	103	103	65-130	06	20		
Xylene (Total)	ug/L	150	161	172	107	115	75-125	6	20		
4-Bromofluorobenzene (S)	%				90	94	64-132				
Dibromofluoromethane (S)	%				114	113	68-122				
Toluene-d8 (S)	%				108	112	73-127				

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 41051			41052										
Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	RPD	Qual
		405062007 Result	Spike Conc.	Spike Conc.	MS Conc.								
1,1,1-Trichloroethane	ug/L	<1.0	50	50	48.7	51.8	97	104	70-130	6	30		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	55.9	57.9	112	116	70-130	3	30		
1,1,2-Trichloroethane	ug/L	<1.0	50	50	46.5	50.3	93	101	70-130	8	30		
1,1-Dichloroethane	ug/L	<1.0	50	50	44.7	47.7	89	95	70-130	7	30		
1,1-Dichloroethene	ug/L	<1.0	50	50	55.7	59.4	111	119	70-135	7	30		
1,2-Dichloroethane	ug/L	<1.0	50	50	43.9	47.6	88	95	70-130	8	30		
1,2-Dichloroethene (Total)	ug/L	<2.0	100	100	106	111	106	111	70-130	5	30		

Date: 06/18/2008 06:07 PM

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 71238.32 SANGAMO

Pace Project No.: 405034

Parameter	Units	41051		41052		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		405062007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result								
1,2-Dichloropropane	ug/L	<1.0	50	50	47.5	47.7	95	95	70-130	.4	30		
2-Butanone (MEK)	ug/L	<5.0	50	50	34.0	36.7	68	73	51-130	8	30		
2-Hexanone	ug/L	<5.0	50	50	42.6	43.1	85	86	53-130	1	30		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	44.4	44.6	89	89	62-132	.3	30		
Acetone	ug/L	<5.0	50	50	48.4	54.9	97	110	42-132	12	30		
Benzene	ug/L	<1.0	50	50	49.0	52.0	98	104	70-130	6	30		
Bromodichloromethane	ug/L	<1.0	50	50	41.3	44.3	83	89	70-130	7	30		
Bromoform	ug/L	<1.0	50	50	42.1	43.2	84	86	70-130	3	30		
Bromomethane	ug/L	<1.0	50	50	49.8	56.2	100	112	63-147	12	30		
Carbon disulfide	ug/L	<1.0	50	50	47.2	51.1	94	102	56-142	8	30		
Carbon tetrachloride	ug/L	<1.0	50	50	48.4	51.9	97	104	70-131	7	30		
Chlorobenzene	ug/L	<1.0	50	50	52.1	52.9	104	106	70-130	2	30		
Chloroethane	ug/L	<1.0	50	50	48.6	56.2	97	112	67-138	14	30		
Chloroform	ug/L	<5.0	50	50	43.7	46.1	87	92	70-130	5	30		
Chloromethane	ug/L	<1.0	50	50	45.1	47.1	90	94	43-150	4	30		
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	40.2	42.1	80	84	70-130	4	30		
Dibromochloromethane	ug/L	<1.0	50	50	44.0	44.8	88	90	70-130	2	30		
Ethylbenzene	ug/L	<1.0	50	50	51.4	52.5	103	105	70-136	2	30		
ethylene Chloride	ug/L	<1.0	50	50	55.2	59.1	110	118	70-130	7	30		
styrene	ug/L	<1.0	50	50	49.7	51.1	99	102	70-130	3	30		
Tetrachloroethene	ug/L	<1.0	50	50	49.1	50.4	98	101	70-130	3	30		
Toluene	ug/L	<1.0	50	50	50.3	51.9	101	104	70-130	3	30		
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	38.5	41.7	77	83	70-130	8	30		
Trichloroethene	ug/L	<1.0	50	50	49.2	50.8	98	102	70-130	3	30		
Vinyl chloride	ug/L	<1.0	50	50	46.5	50.8	93	102	62-138	9	30		
Xylene (Total)	ug/L	<3.0	150	150	164	166	109	110	70-130	1	30		
4-Bromofluorobenzene (S)	%						93	93	64-132				
Dibromofluoromethane (S)	%						111	116	68-122				
Toluene-d8 (S)	%						111	110	73-127				

QUALIFIERS

Project: 71238.32 SANGAMO
Pace Project No.: 405034

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 71238.32 SANGAMO
Pace Project No.: 405034

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
405034001	TBLK-08202	EPA 8260	MSV/1929		
405034002	FBLK-08202	EPA 8260	MSV/1929		
405034003	PM-04S	EPA 8260	MSV/1929		
405034004	PM-04D	EPA 8260	MSV/1929		
405034005	PM-02D	EPA 8260	MSV/1929		
405034006	PM-02S	EPA 8260	MSV/1929		
405034007	DU-08202	EPA 8260	MSV/1929		

405034

Work Order for ... Sangamo, Breazeale Site - June Performance Sampling

Project: Sangamo - Breazeale Site
 Project Number: 71238.32 task 3
 Sample Date: Week of June 9, 2008
 Type of Turnaround: Standard
 QC Package: Level 2
 RMT-Format EDD
 Must meet the Federal MCLs.

RMT Project Manager:
 RMT Project Contact:
 RMT Alternate Contacts: Beth Kaupa
 WO Prepared By/Date:BCB

Mike Parker
 Britney Barnes

Pace Analytical Services, Inc.
 1241 Bellevue Street Suite 9
 Greenbay, WI 54302
 Ph: 920-469-2436 Fax: 920-469-8827
 Contact: Tod Noltemeyer
 608-232-3300 x302
 tod.noltemeyer@pacelabs.com

STATION	VOCs TCE 3.4 Method 8260B	Field pH, Temp, Spec. Cond., Turbidity, DO, ORP	Notes
PM-02S	X	X	Note color in permanganate area wells and use perm.
PM-02D	X	X	
PM-04S	X	X	
PM-04D	X	X	
DU-08201	08202 X		
TBLK-08201	08202 X		
TBLK-08202	X		

FBLK

VOC: three 40 mL septum vials; NOT PRESERVED; ice; HT - 14 days; method SW-846 8260B



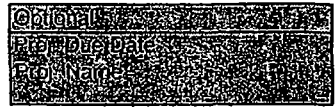
Sample Condition Upon Receipt

Client Name: RMT Project # 405034

Courier: Fed Ex UPS USPS Client Commercial Pace Other DHL

Tracking #: _____

Custody Seal on Cooler/Box Present: yes no Seals intact: yes no



Packing Material: Bubble Wrap Bubble Bags None Other _____

Thermometer Used SB Type of Ice: Wet Blue None Samples on ice, cooling process has begun

Cooler Temperature 20C

Biological Tissue is Frozen: Yes No

Date and Initials of person examining contents: 6/12/08 MKR

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>DI/GW</u>		
All containers needing preservation have been checked.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <u>WC indicates NA bisulfate as preservative. Is this correct? u 6/12/08</u>
All containers needing preservation are found to be in compliance with EPA recommendation.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	<input type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lot # of added preservative
Samples checked for dechlorination:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14.
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Present:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: _____ Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [Signature] Date: 6/12/08

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)