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Bruce Shannon Cottrill

January 30, 2007

South Carolina Department of Health
and Environmental Control
Groundwater Quality Section
Bureau of Water
2600 Bull Street
Columbia, South Carolina 29201

Attention: Mr. Chris Forest

Re: Ground Water Monitoring Report
Delavan Spray Technologies Site
Bamberg, South Carolina
Site ID #02211
H&H Job No. GDR-006

Dear Chris:

On behalf of Delavan Spray Technologies, Hart & Hickman, PC (H&H) is providing SC DHEC with the attached Ground Water Monitoring Report for the Delavan site in Bamberg, South Carolina.

Should you have any questions or require any additional information, please feel free to contact me at (704) 586-0007.

Very truly yours,

Hart & Hickman, PC

Michael S. Crouch, PG
Project Manager

Attachments

cc: Richard Kearse

A6

Ground Water Monitoring Report
Delavan Spray Technologies Facility
Bamberg, South Carolina
DHEC Site ID #02211

H&H Job No. GDR-006

January 30, 2007

Hart & Hickman

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Table of Contents

List of Tables

List of Figures

List of Appendices

Semi-Annual Ground Water Monitoring Report
Delavan Spray Technologies Facility
Bamberg, South Carolina
H&H Job GDR-006

1.0 Introduction

This data report presents the results of ground water monitoring conducted in October 2006 and January 2007 by Hart & Hickman, PC (H&H) at the Delavan Spray Technologies (Delavan) facility located on Highway 301 South in Bamberg, Bamberg County, South Carolina. A site location map is provided as Figure 1, and a Site layout is provided as Figure 2.

Previous assessment activities indicated the presence of volatile organic compounds (VOCs), primarily chlorinated compounds, in ground water at the Delavan facility. The primary constituent of concern is tetrachloroethene (PCE). Other analytes historically detected in ground water samples include trichloroethene (TCE) and cis-1,2-dichloroethene (DCE) which are biodegradation products of PCE, thus indicating that biodegradation occurs at the Site. The results of these previous ground water assessment activities are summarized in a Ground Water Assessment Report dated March 15, 2004 and various earlier reports. Figure 3 depicts the PCE detections and estimated distribution in ground water as presented in the March 2004 report based on data collected in December 2003 and February 2004.

Based on the results of the ground water assessment, the South Carolina Department of Health and Environmental Control (DHEC) requested that Delavan prepare a remedial plan to address PCE in ground water at three locations in the vicinity of monitor wells MW-1, MW-9, and MW-10. Delavan submitted a *Work Plan for Remedial Activities* on August 11, 2004 proposing implementation of enhanced biodegradation using Hydrogen Release Compound (HRC), a commercially available carbon source which has proven effective in enhancing degradation of chlorinated ethenes such as PCE. The Work Plan was approved by DHEC on October 27, 2004.

Prior to conducting the injection of HRC, and as required by regulation, H&H submitted an Underground Injection Control (UIC) permit application to DHEC's Underground Injection

Control (UIC) group on January 31, 2005. DHEC issued an injection permit (Permit No. 816) on February 11, 2005.

Pre-injection ground water monitoring was conducted on March 14, 2005 and the HRC injection was conducted over the next two days. Quarterly post-injection monitoring events have been conducted since the HRC injection in accordance with the sampling matrix (Table 1) and been documented in various report submittals to DHEC. A comprehensive sampling event was conducted in March 2006 and included each Site monitoring well. Subsequent to the March 2006 sampling, an additional quarterly sampling of MW-1, MW-9, and MW-10 was conducted in June 2006. The results of this sampling were presented in an October 10, 2006 monitoring report.

This report presents the results from the October 2006 and January 2007 quarterly sampling events, including a receptor survey and water supply well sampling.

2.0 HRC Injection Summary

H&H conducted HRC injection activities at the Site on March 15 and 16, 2005. HRC was injected into three grids of borings surrounding each of monitoring wells MW-1, MW-9, and MW-10. Borings were placed in three rows on approximate 12 to 15 ft spacing in each of the areas of concern (Figure 4). Twelve borings were advanced at each of the three areas (a total of 36 borings). Ground water in these areas occurs at depths of approximately 8 to 10 feet below ground level. The borings were advanced using direct push technology (DPT) techniques.

HRC was injected at a rate of approximately 3.5 to 4 lbs of HRC per foot of boring. A total of 1,740 lbs of HRC was injected at the Site. The borings were advanced to approximately 20 ft below grade and the HRC injected under pressure through the DPT rods. During the injection at each location, the rods were raised and injection continued throughout the saturated zone and approximately 2-ft above the water table to account for water level fluctuations. This injection technique allows the HRC to be evenly distributed across the boring interval within the saturated zone. The borings were then backfilled and the top of the boring grouted with bentonite.

3.0 Ground Water Monitoring

3.1 Monitoring well Sampling

Ground water samples were collected during the reporting period on October 21, 2006 and January 12, 2007. It should be noted that H&H collected ground water samples from wells on October 6, 2006, however the samples were delivered to the laboratory out of hold time due to a delivery error by Federal Express. Therefore, H&H remobilized to the site on October 21, 2006 to collect the quarterly samples from monitoring wells MW-1, MW-9, and MW-10.

The sampling events conducted in October 2006 and January 2007 were quarterly sampling events with samples collected from wells MW-1, MW-9, and MW-10. Each ground water sample was analyzed for VOCs by EPA Method 601. Additionally, during the January 2007 sampling event, geochemical parameters (nitrate, sulfate, chlorides, total organic carbon (TOC), and methane) were also analyzed. Field parameters collected from these wells included dissolved oxygen, oxidation reduction potential (ORP), ferrous iron, specific conductivity, pH, and temperature.

Prior to collection of the ground water samples, the wells were purged using dedicated disposable bailers until pH, temperature, and specific conductivity stabilized. In-situ readings for dissolved oxygen were collected using a dissolved oxygen meter prior to well purging. All other field parameters were measured after purging.

Dedicated laboratory-supplied sample bottles were used for sample collection. A chain-of-custody record was completed for samples collected and included sample description, date collected, time collected, matrix, sample container information, and analyses required. The chain-of-custody was signed by H&H prior to placement in an iced cooler for shipment to the analytical laboratory. Prior to shipment, the cooler was closed with a seal with the H&H representative's signature and date such that potential disturbance of the cooler contents could be detected by the laboratory.

A summary of ground water elevation measurements is included as Section 3.2 and the results of the ground water sampling are presented in Section 3.3.

3.2 Ground Water Elevation Data

As part of each sampling event, ground water elevation data were collected from Site wells to verify ground water flow direction. Ground water elevation data for Site monitoring wells are provided in Table 2, and ground water elevation contour maps for the October 6, 2006 and January 12, 2007 sampling event are presented as Figures 5 and 6, respectively.

Depths to water in October 2006 ranged from approximately 9 ft to 15 ft below grade, similar to, but slightly lower than during the September 2005 sampling event. Ground water elevations in January 2007 were several feet higher than in October 2006, and ranged from approximately 4 to 13 ft below grade. The January 2007 water levels were generally higher than in previous years during December and January. Figure 7 shows hydrographs of the Site monitoring wells.

Consistent with previous gauging events, the ground water flow direction is dependent upon location at the Site. Ground water in the eastern and western portions of the Site flows toward the center of the Site and then moves generally north and south along a ground water low (or trough). The flow direction in the central and north-central part of the Site appears to be toward the north while flow in the south-central portion of the Site appears to be toward the south. This north-south ground water divide appears to be located just south of the former PCE containment area near MW-1. It is likely that the location of the north-south ground water divide shifts slightly during the year due to water level fluctuations.

Based on the water elevation data collected to date, it appears that the apparent remnant Carolina Bay upon which the Site is located effects the flow regime in the vicinity of the Delavan plant. Carolina Bays are characterized by flow geometries similar to that at the Delavan site. The flow regime appears to be characterized by a ground water trough in the center of the site with ground water flowing both to the north and, to a lesser degree, to the south along the ground water

trough. Review of the hydrograph (Figure 7) indicates that water level fluctuations are less pronounced within the central portion of the ground water trough (MW-1, MW-3, MW-7, and MW-8) than in the wells along the flanks (MW-2, MW-4, MW-5, MW-6, and MW-10). The net result is a seasonal shifting of flow direction and gradients in the central portion of the site.

3.3 Ground Water Analytical Data

The laboratory reports for the October 2006 and January 2007 sampling events are included as Appendix A and B, respectively. A summary of recent and historical ground water monitoring data is provided in Table 3. Geochemical data is summarized on Table 4. Historical metabolic acids data is summarized on Table 5.

VOC Concentrations:

The PCE concentrations in ground water from the October 2006 and January 2007 ground water sampling events are presented on Figure 8. A PCE distribution map corresponding to the sampling dates was not prepared since these were not comprehensive sampling events, however a copy of the map indicating estimated PCE distribution based on March 2006 data is presented as Figure 9. It is expected that the current distribution is similar to the March 2006 distribution.

Figure 10 depicts the PCE concentration versus time in monitoring wells MW-1, MW-9, and MW-10. As depicted on Figure 10, the PCE concentrations in these wells decreased significantly through June 2006, however have increased since that time based on October 2006 and January 2007 data. For example the concentration of PCE in MW-1 decreased from 15, 000 µg/l in June 2003 to 4,100 µg/l in June 2006, but was at 6,790 µg/l in January 2007. PCE in MW-9 decreased from 7,500 µg/l in December 2003 to 1,500 µg/l in June 2006 but was at 5,630 µg/l in January 2007. PCE in MW-10 decreased from 5,800 µg/l in December 2003 to 1,800 µg/l in June 2006 and was 2,980 µg/l in Janaury 2007. The decreases in PCE were particularly dramatic between March 2006 and June 2006. For example, PCE in MW-9 decreased from 4,560 µg/l to 1,500 µg/l between March and June 2006.

The VOC decreases indicated in the data from March and June 2006 appears to indicate that the effects of the HRC injection were likely manifested in the three monitoring wells (MW-1, MW-9, and MW-10) and PCE in the area of the wells has been undergoing biodegradation. The recent rebound is likely a result of the limited range of influence of the injection due to low permeability materials and may indicate that the HRC substrate has now been consumed.

Geochemical Parameters

The ground water samples from MW-1, MW-9, and MW-10 were analyzed for geochemical evaluation parameters during each of the sampling events during the reporting period. These geochemical parameters included nitrate, sulfate, chlorides, total organic carbon (TOC) and methane, and metabolic acids, a by-product of HRC dissociation. Additionally, field measurements of pH, temperature, dissolved oxygen and oxygen reduction potential (ORP) were conducted for each ground water sample collected from the sampled monitoring wells in October 2006 and January 2007. A discussion of the individual geochemical indicators for the post-injection sampling is provided below.

Dissolved Oxygen: Reductive dechlorination occurs under anaerobic or low dissolved oxygen (DO) conditions. Dissolved oxygen concentrations of less than 5 mg/l are acceptable while concentrations less than 1 mg/l are ideal.

DO concentrations since HRC injection have been near or below 5.0 mg/l in each of the three wells sampled. DO concentrations appear particularly well suited to dechlorination in the area of MW-9 where the post-injection DO ranged from 0.19 mg/l to 1.54 mg/l. Notably the DO in January low in each of the sampled wells [MW-1 (0.90 mg/l), MW-9 (0.90 mg/l), and MW-10 (2.90 mg/l)].

Nitrate: Nitrate may be used as an electron acceptor for anaerobic biodegradation via denitrification. In this process, nitrate is reduced and nitrite (or other forms of nitrogen) is produced. Therefore, measurement of nitrate provides an indication of anaerobic nitrate-reducing conditions in the aquifer. In general, nitrate concentrations in the plume less than

background are considered indicative that anaerobic biodegradation utilizing nitrate is occurring. At concentrations greater than 1 mg/l, nitrate may compete with the reductive dechlorination process.

Pre and post-injection data continue to indicate low and stable nitrate concentrations. Nitrate concentrations at the Site are naturally low and therefore nitrate concentration reduction is not a useful indicator of biodegradation at the Site.

Ferrous Iron: After other electron acceptors have been reduced, iron (III) or ferric iron is used as an electron acceptor during anaerobic biodegradation. During this process, iron (III) is reduced to iron (II) or ferrous iron. In general, ferrous iron concentrations in the plume greater than background are considered indicative that anaerobic biodegradation utilizing ferric iron is occurring. In general, ferrous iron concentrations greater than background are considered an indicator of iron reduction. However, at the Delavan Site, ferrous iron has not been detected in significant concentrations in wells either within the plume or in background wells with the sample from MW-9.

Sulfate: Sulfate may also be used as an electron acceptor for anaerobic biodegradation. This process is known as sulfate reduction which results in the depletion of sulfate and production of sulfide compounds in the aquifer. Sulfate concentrations below background concentrations are indicative of anaerobic biodegradation by sulfate reduction. At concentrations greater than 20 mg/l, sulfate may compete with the reductive dechlorination process.

Sulfate levels remained low in ground water samples collected from MW-1 and MW-10 during the reporting period. This indicates that sulfate reduction is not an active terminal electron acceptor process near well MW-1 and MW-10. However, the June 2006 concentration of sulfate in MW-9 increased to 9.0 mg/l compared to previous concentrations of approximately 3 mg/l and then decreased to 1.78 in January 2007. This may be indicative that sulfate reduction occurred in the vicinity of MW-9.

Methane: After the other electron acceptors have been utilized, methanogenesis may occur wherein carbon dioxide is used as an electron acceptor for anaerobic biodegradation. Reductive dechlorination is most efficient in methanogenic conditions. In general, elevated methane concentrations are indicative of methanogenesis.

Methane was not detected in MW-1 or MW-10 during the reporting period and was detected at a low concentration of 0.33mg/l in MW-9. This indicates methanogenesis is not an active process at the Site.

Total Organic Carbon (TOC): Organic carbon is utilized as an electron donor (or may produce hydrogen which can serve as the electron donor) in the reductive dechlorination process and therefore is needed to drive the process. Organic carbon can be naturally occurring or introduced by man (i.e., by injecting a carbon source such as HRC). The presence of TOC at concentrations greater than 20 mg/l is considered ideal for reductive dechlorination.

TOC concentrations was not detected in MW-1, MW-9, or MW-10 during the January sampling event. However TOC increased slightly from non-detectable levels in MW-1, MW-9, and MW-10 prior to HRC injection to up to 3.9 mg/l in MW-9 during the June 2006 sampling event. The detected TOC concentrations are below the optimum TOC of at least 20 mg/l, however the recent June detections of TOC indicate that HRC may have dissociated into the aquifer and provided the required carbon source but recent data indicate the source is no longer present.

Redox Potential: The redox or oxidation-reduction potential (ORP) of ground water is a measure of electron activity, and is an indicator of the relative tendency of a solution to accept or transfer electrons. The ORP of a ground water system depends upon and influences rates of biodegradation. Reductive dechlorination is most efficient in the ORP range corresponding to sulfate reduction and methanogenesis (<-100 mV); however, dechlorination of PCE and other chlorinated ethenes also occurs in the ORP range associated with nitrate, manganese, and ferrous iron reduction (-50 to 740 mV). ORP is generally consistent with dissolved oxygen data, with low dissolved oxygen levels corresponding to low ORP potentials.

ORP values in each of the wells MW-1, MW-9, and MW-10 continue to be in the range of 200 to 400 mV, the range associated with nitrate, manganese, and ferrous iron reduction.

Chloride: Chloride is produced by the reductive dechlorination process and therefore is a direct indicator of active reductive dechlorination. Increases in chloride concentrations relative to background are an indicator of the reductive dechlorination process, however significant concentrations of chlorinated compounds must be dechlorinated to see even modest increases in chlorides.

Chloride concentrations have been relatively similar in pre- and post-injection monitoring samples. Although chlorides are expected to increase during dechlorination, the expected increase is generally minor and is often masked by the normal sampling variation in chloride concentrations.

Metabolic Acids: In ground water, the breakdown of HRC produces a low level supply of metabolic acids including lactic, pyruvic, acetic, propionic, and butyric acids. The production of these acids releases hydrogen into ground water which is then utilized by indigenous microbes in reductive dechlorination.

Post-HRC injection sampling has not indicated the presence of metabolic acids in monitoring wells (Table 5). Lactic acid is formed by disassociation of the HRC regardless of the rate of VOC dechlorination. Therefore, the presence of lactic acid acts as a tracer for the area of HRC impact. Lack of detected metabolic acids in ground water samples indicates either the HRC bypassed the monitor well, has been consumed, or the ground water in contact with the HRC has not yet reached the monitor well. Due to the high clay content of the soils at the Site, it is unlikely that the HRC has bypassed the well. It is possible that the HRC has now been consumed and did not reach the sphere of influence of the wells prior to its consumption. Therefore, H&H suspects that, despite the relatively close spacing of the injection points, that the acids are, or were, present in ground water but did not reach the location of the monitor wells. However, the

significant decreases in PCE in the monitoring wells near the injection wells is indicative of the effect of HRC injection and subsequent migration of the effected ground water into the monitoring wells.

3.4 Summary

In summary, there is strong evidence that anaerobic degradation of PCE has occurred at the site. This evidence includes significant decreases in PCE concentrations compared to historical maximums in each of the three HRC-injected areas and the increased presence of TOC and PCE daughter products (TCE and cis-1,2-DCE) in monitoring well MW-9. H&H suspects that the abundance of clay in the sediments and the suspected low ground water velocities in the remediation areas delayed the appearance of the degradation indicators in Site monitoring wells, however the reduction in VOCs indicates enhanced degradation occurred and was manifested in the sphere of influence of the monitoring wells during the June 2006 sampling.

Recent increases in PCE in samples from MW-1, MW-9, and MW-10 from the lower concentrations detected in June 2006 possibly indicate that the injected HRC has now been consumed and additional injection of a bioenhancement substrate may be warranted. H&H is evaluating the use of emulsified oils for subsequent injections. Emulsified oils are a relatively new substrate and enhance biodegradation in a manner similar to HRC, but have the advantage of a longer subsurface life and lower viscosity allowing for better distribution in the subsurface.

4.0 Water Supply Well Sampling and Results

In accordance with DHEC's request, H&H completed a water supply well survey for the residential area located to the east of the Delavan facility on January 12, 2007. H&H conducted the survey by performing site reconnaissance and door-to-door inquiry. Although municipal water service is available to the neighborhood to the east of the facility and water lines are present along Log Branch Road, Calhoun Street, and Highway 301 South; H&H identified two water supply wells (Figure 2) on properties in this neighborhood which are not currently connected to the municipal water source. Information pertinent to the two identified water supply wells (WSW) is summarized on Table 6.

The water supply wells were identified as the Frazier WSW and the Thomas WSW. Based on information from the City of Bamberg, a water account is set up for the Frazier WSW address, however the account is inactive. No account is on record for the Thomas WSW address. According to the site residents, both supply wells are approximately 500 ft in depth. Both of the identified wells were observed to be 6-inch diameter steel-cased bored wells. No additional well construction information was available for the water supply wells. The Frazier WSW reportedly supplies potable water to two residences located on tax parcel ID No. 0072-08-02-1. No additional water supply wells were identified in the neighborhood to the east of the facility.

In accordance with DHEC's request, H&H collected water samples from each of these water supply wels. The samples were collected from spigots located at the wellheads after allowing the water to run for approximately 5 to 10 minutes. The collected water samples were analyzed for VOCs by EPA Method 8260B. For quality control purposes, H&H also submitted a trip blank for analysis of VOCs by the aforementioned method.

No VOCs were detected in the ground water sample collected from the Frazier well. Detectable concentrations of VOCs were reported in the ground water sample collected from the Thomas WSW (Table 7) at concentrations below the DHEC maximum contaminant levels (MCLs). The Thomas WSW contained trace levels of 1,2-dichloroethane (2.27 μg/l), cis-1,2-dichloropropene

(1.14 μg/l), trans-1,2-dichloropropene (1.91 μg/l), PCE (4.44 μg/l), and 1,2,4-trichlorobenzene (2.00 μg/l). It should be noted that no DHEC or Federal MCLs are specified for the compounds cis-1,2-dichloropropene and trans-1,2-dichloropropene. In addition, no VOCs were detected in the submitted trip blank. Delavan proposes to resample the wells and continue to include them in the quarterly sampling program.

Delavan is currently in the process of contacting the owners of the water supply wells and making arrangements for alternative water supply. Although no exceedences of the MCLs were detected in either WSW, as a precaution, Delavan will offer to connect the residence served by the Thomas WSW to municipal water at no charge to the well owner. The Frazier site already has a connection.

PCE 5ug/l
1,2,DCA 5
1,2,3 DCP -70

5.0 Summary and Conclusions

A total of 1,740 lbs of HRC was injected into three grids of borings consisting of a total of 36 borings centered near monitoring wells MW-1, MW-19, and MW-10 in March 2005. Ground water samples in these three wells have been collected on seven occasions since the injection (June, September, and December 2005, March, June and October 2006, and January 2007).

Results of ground water monitoring in 2006 through June 2006 indicated significant evidence of enhanced degradation due to the HRC injection, whereas previous sampling in 2005 indicated only preliminary and limited degradation. H&H suspects that the high-clay content and low suspected ground water velocities at the Site delayed the detection of VOC decreases in the monitoring wells. It is likely that the ground water conditions in closer proximity to the injection points exhibit favorable geochemical condition however; the influence of the injection (and resultant VOC degradation) had not manifested itself in the monitoring wells until the June 2006 sampling events.

The sampling events in October 2006 and January 2007 indicate an increase in target VOC concentrations in wells MW-1, MW-9, and MW-10 likely due to the HRC being consumed by anaerobic degradation. Therefore, Delavan is evaluating remedial options for these areas and expects to conduct another injection event. Delavan is considering the use of emulsified oils, another bioenhancement substrate with a lower viscosity and longer life than HRC. It is anticipated that the use of emulsified oils will allow for greater distribution of the injectate and enhanced biodegradation.

In accordance with DHEC's request, H&H conducted a receptor survey of the neighborhood the east of the facility and determined that municipal water service is available. However H&H identified two water supply wells which are not currently connected to the municipal water source. The wells water supply wells were identified as the Frazier WSW and the Thomas WSW. Based on information from the City of Bamberg, a water account is set up for the Frazier

WSW address, however the account is inactive. No account is on record for the Thomas WSW address.

H&H sampled the two water supply wells and low level VOCs were detected in the Thomas well at concentrations below the MCLs. Delavan is currently in the process of contacting the owners of the water supply wells and making arrangements for alternative water supply. Although no exceedences of the MCLs were detected in either WSW, as a precaution, Delavan will offer to connect the residence served by the Thomas WSW to municipal water at no charge to the well owner. The Frazier site already has a connection.

Table 1
Sampling Matrix
Delavan Spray Technologies
Bamberg, South Carolina
H&H Project GDR-006

Sampling Location	Sampling Event		
	Baseline	Quarterly	Annual
MW-1	VOC, NA, Acid	VOC, NA, Acid	VOC, NA, Acid
MW-2	VOC	--	VOC
MW-3	VOC	--	VOC
MW-4	VOC	--	VOC
MW-5	VOC	--	VOC
MW-6	VOC	--	VOC
MW-7	VOC	--	VOC
MW-8	VOC	--	VOC
MW-9	VOC, NA	VOC, NA, Acid	VOC, NA, Acid
MW-10	VOC, NA	VOC, NA, Acid	VOC, NA, Acid
MW-11	VOC	--	VOC

VOC = Volatile Organic Compounds by EPA Method 601
NA = Natural Attenuation Parameters (see text)
Acid = Metabolic Acids
-- = No sample
Quarterly = 3, 6, and 9 month events

Table 2
Monitoring Well Construction and Ground Water Elevation Data
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. GDR-006

Well No.	Total Depth	Screen Interval (ft bgl)	Top of Casing Elevation	Pre-HRC Injection									
				6/5/2003		7/9/2003		12/31/2003		1/16/2004		3/14/2005	
				Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation
MW-1	18	3-18	100.00	9.70	90.30	8.42	91.58	12.88	87.12	13.02	86.98	12.54	87.46
MW-2	18	3-18	100.45	5.81	94.64	4.76	95.69	12.52	87.93	12.73	87.72	11.95	88.50
MW-3	18	3-18	100.90	11.41	89.49	9.20	91.70	14.11	86.79	14.11	86.79	13.54	87.36
MW-4	14	4-14	99.99	4.11	95.88	3.59	96.40	10.38	89.61	10.63	89.36	9.24	90.75
MW-5	14	4-14	98.52	4.72	93.80	3.68	94.84	10.87	87.65	10.81	87.71	8.74	89.78
MW-6	14	4-14	96.25	2.40	93.85	2.30	93.95	8.09	88.16	7.29	88.96	6.44	89.81
MW-7	20	5-20	101.82	NI	NI	NI	NI	14.88	86.94	14.93	86.89	13.97	87.85
MW-8	20	5-20	98.48	NI	NI	NI	NI	12.06	86.42	12.17	86.31	11.97	86.51
MW-9	20	5-20	97.05	NI	NI	NI	NI	9.82	87.23	9.55	87.50	8.45	88.60
MW-10	18	3-18	95.26	NI	NI	NI	NI	7.48	87.78	7.52	87.74	5.19	90.07
MW-11	18	3-18	96.17	NI	NI	NI	NI	8.00	88.17	8.12	88.05	7.48	88.69

Well No.	Total Depth	Screen Interval (ft bgl)	Top of Casing Elevation	Post-HRC Injection													
				6/1/2005		9/20/2005		12/12/2005		3/28/2006		6/26/2006		10/6/2006		1/12/2007	
				Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation
MW-1	18	3-18	100.00	12.31	87.69	12.66	87.34	13.41	86.59	11.97	88.03	12.16	87.84	13.67	86.33	12.06	87.94
MW-2	18	3-18	100.45	10.56	89.89	12.37	88.08	12.99	87.46	10.59	89.86	10.44	90.01	13.13	87.32	10.63	89.82
MW-3	18	3-18	100.90	13.86	87.04	13.94	86.96	14.58	86.32	13.49	87.41	13.67	87.23	14.15	86.75	13.24	87.66
MW-4	14	4-14	99.99	10.23	89.76	11.44	88.55	11.81	88.18	7.53	92.46	9.26	90.73	11.82	88.17	7.79	92.20
MW-5	14	4-14	98.52	9.77	88.75	10.51	88.01	11.30	87.22	6.74	91.78	8.74	89.78	11.57	86.95	7.33	91.19
MW-6	14	4-14	96.25	6.38	89.87	8.24	88.01	8.29	87.96	4.17	92.08	6.30	89.95	9.46	86.79	4.90	91.35
MW-7	20	5-20	101.82	14.45	87.37	14.52	87.30	15.11	86.71	13.91	87.91	14.22	87.60	14.99	86.83	13.23	88.59
MW-8	20	5-20	98.48	12.14	86.34	13.07	85.41	12.81	85.67	11.17	87.31	12.32	86.16	13.67	84.81	11.62	86.86
MW-9	20	5-20	97.05	7.61	89.44	10.57	86.48	9.33	87.72	6.91	90.14	8.98	88.07	11.60	85.45	7.41	89.64
MW-10	18	3-18	95.26	6.02	89.24	7.51	87.75	7.45	87.81	3.49	91.77	5.82	89.44	8.65	86.61	4.12	91.14
MW-11	18	3-18	96.17	7.87	88.30	8.90	87.27	8.63	87.54	6.84	89.33	8.01	88.16	9.26	86.91	7.30	88.87

Notes:
bgl = below ground level
Depth to water measured relative to top of casing
Elevations referenced to an assumed datum of 100.00 ft at the top of casing elevation of MW-1
NI = not installed
HRC injection activities were conducted at the site on March 15 and 16, 2005

Table 3
Monitoring Well Ground Water and Surface Water Analytical Detections
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. GDR-006

Well No.	Sample Date	Bromoform (µg/l)	Chloromethane (µg/l)	Chlorobenzene (µg/l)	2-Chloroethyl vinyl ether (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	PCE (µg/l)	TCE (µg/l)	1,1,2,2-PCE (µg/l)	1,1,1-TCA (µg/l)	1,1-DCE (µg/l)	1,1-DCA (µg/l)	1,3-Dichlorobenzene (µg/l)	trans-1,3-Dichloropropene (µg/l)	MTBE (µg/l)	1,2,4-Trimethylbenzene (µg/l)	Toluene (µg/l)	Xylenes (µg/l)	Vinyl Chloride (µg/l)
Ground Water Samples																				
MW-1	6/4/2003	<50	140	<50	<2,500	<50	<50	**15,000**	<50	<50	<50	<50	<50	<50	<50	<50	<50	<250	<150	<50
	12/30/2003	<800	<800	<800	<2,000	<800	<800	**11,000**	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800
	3/14/2005	1.10	<1.00	1.90	<10.0	10.1	<1.00	**5,470**	**34.8**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	6/1/2005	<1.00	<1.00	<1.00	<10.0	10.1	<1.00	**5,750**	**41.3**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	9/20/2005	<2.00	<1.00	<1.00	<1.00	9.60	<1.00	**3,150**	**38.4**	3.66	<1.00	<1.00	<1.00	1.51	<1.00	NA	NA	NA	NA	<1.00
	12/12/2005	<1.00	<1.00	<1.00	NA	11.4	<1.00	**4,750**	**35.6**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	3/28/2006	<1.00	<1.00	<1.00	NA	11.9	<1.00	**6,580**	**48.1**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	6/26/2006	<1.0	<1.0	<1.0	<50	13	<1.0	**4,100**	**32**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0
	10/21/2006	<1.0	<1.0	<1.0	NA	17.9	<1.0	**9,550**	**65.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0
	1/12/2007	<1.00	<1.00	<1.00	NA	23.1	<1.00	**6,790**	**85.6**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
MW-2	6/4/2003	<1.0	<1.0	<1.0	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<3.0	<1.0
	12/30/2003	<2	<2	<2	<5	<2	<2	4.5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2
	3/14/2005	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	4.30	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	3/28/2006	<1.00	<1.00	<1.00	NA	<1.00	<1.00	1.21	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
MW-3	6/4/2003	<1.0	<1.0	<1.0	<50	<1.0	<1.0	**74**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<3.0	<1.0
	12/30/2003	<2	<2	<2	<5	<2	<2	**220**	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2
	3/14/2005	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	**113**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	3/28/2006	<1.00	<1.00	<1.00	NA	<1.00	<1.00	**305**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
MW-4	6/4/2003	<1.0	<1.0	<1.0	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<3.0	<1.0
	12/30/2003	<2	<2	<2	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2
	3/14/2005	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	3/28/2006	<1.00	<1.00	<1.00	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
MW-5	6/4/2003	<1.0	<1.0	<1.0	<50	<1.0	<1.0	**160**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<3.0	<1.0
	12/31/2003	<2	<2	<2	<5	<2	<2	**230**	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2
	3/14/2005	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	**345**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	3/28/2006	<1.00	<1.00	<1.00	NA	<1.00	<1.00	**3.79**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
MW-6	6/4/2003	<1.0	<1.0	<1.0	<50	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<3.0	<1.0
	12/31/2003	<2	<2	<2	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2
	3/14/2005	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	3/28/2006	<1.00	<1.00	<1.00	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
MW-7	12/31/2003	<2	<2	<2	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	3.3	<2	5.3	<2
	3/14/2005	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	3/28/2006	<1.00	<1.00	<1.00	NA	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
MW-8	12/31/2003	<2	<2	<2	<5	<2	<2	**30**	<2	<2	<2	<2	<2	<2	<2	3.1	2.0	1.9J	4.7	<2
	3/14/2005	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	**135**	1.10	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	3/28/2006	<1.00	<1.00	<1.00	NA	<1.00	<1.00	**102**	1.10	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
MWT-1/MW-9	12/31/2003	<800	<800	<800	<2,000	<800	<800	**7,500**	<800	<800	<800	<800	<800	<800	<800	<800	<800	<800	<2,000	<800
	3/14/2005	<1.00	<1.00	<1.00	<10.0	19.1	<1.00	**3,520**	**76.0**	<1.00	<1.00	**7.30**	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	6/1/2005	<1.00	<1.00	<1.00	96.3	**226**	1.40	**4,670**	**280**	<1.00	<1.00	6.70	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	9/20/2005	33.9	<1.00	<1.00	<1.00	**158**	1.90	**5,000**	**295**	<1.00	1.28	**13.60**	<1.00	<1.00	1.17	NA	NA	NA	NA	<1.00
	12/12/2005	<1.00	<1.00	<1.00	NA	**182**	1.37	**3,920**	**286**	<1.00	2.05	**8.94**	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	3/28/2006	<1.00	<1.00	<1.00	NA	**362**	1.57	**4,560**	**372**	<1.00	<1.00	**8.51**	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	6/26/2006	<1.0	<1.0	<1.0	<50	**520**	1.7	**1,500**	**330**	<1.0	<1.0	**12**	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0
	10/21/2006	<1.0	<1.0	<1.0	NA	**540**	<1.0	**7,490**	**504**	<1.0	<1.0	**23.5**	<1.0	<1.0	<1.0	NA	NA	NA	NA	<1.0
	1/12/2007	<1.00	<1.00	<1.00	NA	**442**	1.97	**5,630**	**626**	<1.00	<1.00	**25.3**	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
MWT-2/MW-10	12/31/2003	<200	<200	<200	<500	<200	<200	**5,800**	<200	<200	<200	**520**	<200	<200	<200	<200	<200	<200	<400	<200
	3/14/2005	<1.00	<1.00	1.30	<10.0	**40.1**	1.00	**4,360**	**62.3**	<1.00	26.4	**18.6**	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	6/1/2005	<1.00	<1.00	<1.00	<10.0	**40.8**	<1.00	**5,680**	**52.0**	<1.00	12.7	**17.5**	1.70	2.20	<1.00	NA	NA	NA	NA	<1.00
	9/20/2005	17.1	<1.00	<1.00	<1.00	**27.8**	<1.00	**4,360**	**46.2**	<1.00	9.03	**40.0**	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	12/12/2005	<1.00	<1.00	<1.00	NA	**23.2**	<1.00	**3,050**	**45.2**	<1.00	11.7	**14.4**	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	3/28/2006	<1.00	<1.00	<1.00	NA	**16.8**	<1.00	**3,090**	**27.4**	<1.00	6.10	**13.4**	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	6/26/2006	<20	<20	<20	<1,000	**21**	<20	**1,800**	**31**	<20	<20	<20	<20	<20	<20	NA	NA	NA	NA	<20
	10/21/2006	<100	<100	<100	NA	**121**	<100	**3,380**	**<100**	<100	<100	<100	<100	<100	<100	NA	NA	NA	NA	**114**
	1/12/2007	<1.00	<1.00	<1.00	NA	**12.4**	<1.00	**2,980**	**32.7**	<1.00	1.22	**2.08**	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
MWT-3/MW-11	12/31/2003	<2	<2	<2	<5	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<4	<2
	3/14/2005	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
	3/28/2006	<1.00	<1.00	<1.00	<10.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NA	NA	NA	NA	<1.00
MCL		NS	NS	100	NS	70	100	5	5	NS	200	7	NS	NS	NS	NS	NS	1,000	10,000	2
Surface Water Sample																				
SW-1	6/5/2003	<1.0	<1.0	<1.0	<50	1.0	<1.0	<1.0	<1.0	NS	<1.0	<1.0	<1.0	<1.0	NS	<1.0	<1.0	<5.0	<3.0	<1.0

Notes:
MWT-1, MWT-2, MWT-3 initially constructed as temporary wells and then converted to permanent wells MW-9, MW-10, and MW-11, respectively
Samples analyzed using EPA Method 8260; except samples collected in and after March 2005 which were analyzed using EPA Method 601
Only analytes detected in at least one sample indicated; Bold indicates concentration exceeds MCL
NS = Not Specified; NA = Not Analyzed; MCL = DHEC Maximum Contaminant Level
HRC injection activities were conducted at the site on March 15 and 16, 2005
HRC = Hydrogen Release Compound; October 2006 samples collected in October because September 2006 samples lost by Fed Ex

Table 4
Ground Water Geochemical Parameters
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. GDR-006

Well No.	Sample Date	Dissolved Oxygen (mg/l)	TOC (mg/l)	Methane (mg/l)	Chloride (mg/l)	Nitrate (mg/l)	Sulfate (mg/l)	ORP (mV)	pH	Temp. (degrees C)	Ferrous Iron (mg/l)
Ground Water Samples											
MW-1	12/30/2003	2.35	<1.00	0.052	6.60	1.4	7.0	123	4.87	20.7	NA
	3/14/2005	3.62	<1.00	<0.026	8.41	1.28	<1.00	322	4.98	17.9	<0.2
	6/1/2005	3.15	1.48	<0.026	6.14	1.34	<1.00	234	4.94	19.3	<0.2
	9/20/2005	3.44	<1.00	<0.026	6.55	1.32	<1.00	347	4.77	25.4	<0.2
	12/12/2005	3.02	1.60	<0.026	5.73	1.65	<1.00	372	4.91	22.2	<0.2
	3/28/2006	2.96	<1.00	<0.026	6.15	1.32	<1.00	309	4.80	18.1	<0.2
	6/26/2006	3.71	1.1	<0.01	4.5	1.3	<5	314	4.93	20.6	<0.2
	10/6/2006	2.63	NA	NA	NA	NA	NA	323	4.84	23.9	NA
	1/12/2007	0.90	<1.00	<0.026	6.69	1.37	<1.00	288	4.96	21.0	<0.2
MW-2	12/30/2003	1.71	NA	NA	NA	NA	NA	103	4.79	20.6	NA
	3/14/2005	2.64	NA	NA	NA	NA	NA	310	4.68	17.5	<0.2
	3/28/2006	3.80	NA	NA	NA	NA	NA	299	4.82	18.4	<0.2
MW-3	12/30/2003	2.37	NA	NA	NA	NA	NA	100	5.05	21.4	NA
	3/14/2005	2.47	NA	NA	NA	NA	NA	340	4.93	17.6	<0.2
	3/28/2006	3.90	NA	NA	NA	NA	NA	260	5.16	18.6	<0.2
MW-4	12/30/2003	1.38	NA	NA	NA	NA	NA	5	5.26	18.3	NA
	3/14/2005	1.28	NA	NA	NA	NA	NA	25	4.76	15.6	3.6
	3/28/2006	1.42	NA	NA	NA	NA	NA	-28	5.28	15.5	6.6
MW-5	12/31/2003	4.57	NA	NA	NA	NA	NA	95	5.03	19.4	NA
	3/14/2005	4.01	NA	NA	NA	NA	NA	235	4.99	16.4	<0.2
	3/28/2006	5.43	NA	NA	NA	NA	NA	285	5.20	16.7	<0.2
MW-6	12/31/2003	3.77	NA	NA	NA	NA	NA	86	4.84	18.2	NA
	3/14/2005	1.86	NA	NA	NA	NA	NA	356	4.86	15.7	<0.2
	3/28/2006	4.67	NA	NA	NA	NA	NA	278	5.13	15.3	<0.2
MW-7	12/31/2003	4.01	NA	NA	NA	NA	NA	13	4.89	20.2	NA
	3/14/2005	4.80	NA	NA	NA	NA	NA	425	5.01	17.3	<0.2
	3/28/2006	5.08	NA	NA	NA	NA	NA	196	5.10	18.6	<0.2
MW-8	12/31/2003	4.15	NA	NA	NA	NA	NA	6	4.06	20.2	NA
	3/14/2005	1.80	NA	NA	NA	NA	NA	317	4.69	18.0	<0.2
	3/28/2006	2.65	NA	NA	NA	NA	NA	326	4.82	19.1	<0.2
MWT-1/MW-9	12/31/2003	1.33	NA	NA	NA	NA	NA	-114	5.56	17.5	NA
	3/14/2005	2.02	<1.00	<0.026	4.20	0.410	3.03	310	4.87	15.3	<0.2
	6/1/2005	0.78	1.92	<0.026	3.08	0.210	2.84	202	4.98	17.5	<0.2
	9/20/2005	0.13	1.33	<0.026	3.23	0.286	1.24	323	4.72	22.5	<0.2
	12/12/2005	0.78	1.73	<0.026	2.42	0.290	3.43	275	5.05	18.8	<0.2
	3/28/2006	0.91	3.11	<0.026	2.61	0.182	3.16	295	4.90	15.7	<0.2
	6/26/2006	1.54	3.9	<0.01	1.9	0.15	9	217	5.01	19.4	1.6
	10/6/2006	2.76	NA	NA	NA	NA	NA	142	5.43	21.9	NA
	1/12/2007	0.90	<1.00	0.033	3.31	0.266	1.78	233	5.01	17.3	<0.2
MWT-2/MW-10	12/31/2003	4.79	NA	NA	NA	NA	NA	-16	5.93	16.5	NA
	3/14/2005	5.30	<1.00	<0.026	4.54	0.200	<1.00	323	4.95	15.1	<0.2
	6/1/2005	4.71	1.46	<0.026	4.51	0.270	<1.00	310	5.44	18.3	0.2
	9/20/2005	3.59	<1.00	<0.026	4.86	0.592 (1)	<1.00	327	5.13	23.2	<0.2
	12/12/2005	5.27	<1.0	<0.026	<1.00	0.320	4.28	239	5.53	19.0	<0.2
	3/28/2006	4.88	<1.0	<0.026	3.93	0.201	1.01	293	5.23	15.8	<0.2
	6/26/2006	5.35	<1	<0.01	2.6	0.2	<5	260	5.29	20.6	<0.2
	10/6/2006	4.60	NA	NA	NA	NA	NA	282	5.19	22.6	NA
	1/12/2007	2.90	<1.00	<0.026	3.68	0.218	<1.00	219	5.66	16.2	<0.2
MWT-3/MW-11	12/31/2003	4.58	NA	NA	NA	NA	NA	-144	5.16	17.1	NA
	3/14/2005	0.96	NA	NA	NA	NA	NA	193	5.12	15.6	0.6
	3/28/2006	1.56	NA	NA	NA	NA	NA	76	5.17	15.5	0.6

Notes:
NA = Not Analyzed; HRC = Hydrogen Release Compound
MWT-1, MWT-2, MWT-3 initially constructed as temporary wells and then converted to permanent wells MW-9, MW-10, and MW-11, respectively
HRC injection activities were conducted at the site on March 15 and 16, 2005
(1) Sample analysis performed past method-specified holding time

Table 5
Ground Water Metabolic Acids
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. GDR-006

Well No.	Sample Date	Pyruvic Acid (mg/l)	Lactic Acid (mg/l)	Acetic Acid (mg/l)	Propionic Acid (mg/l)	Butyric Acid (mg/l)
Ground Water Samples						
MW-1	3/14/2005	<0.1	<1.0	<1.0	<1.0	<1.0
	6/1/2005	<0.1	<1.0	<1.0	<1.0	<1.0
	9/20/2005	<0.1	<1.0	<1.0	<1.0	<1.0
	12/12/2005	<0.1	<1.0	<1.0	<1.0	<1.0
	3/28/2006	<0.1	<1.0	<1.0	<1.0	<1.0
	6/26/2006	<0.1	<1.0	<1.0	<1.0	<1.0
MWT-1/MW-9	3/14/2005	NA	NA	NA	NA	NA
	6/1/2005	<0.1	<1.0	<1.0	<1.0	<1.0
	9/20/2005	<0.1	<1.0	<1.0	<1.0	<1.0
	12/12/2005	<0.1	<1.0	<1.0	<1.0	<1.0
	3/28/2006	<0.1	<1.0	<1.0	<1.0	<1.0
	6/26/2006	<0.1	<1.0	<1.0	<1.0	<1.0
MWT-2/MW-10	3/14/2005	NA	NA	NA	NA	NA
	6/1/2005	<0.1	<1.0	<1.0	<1.0	<1.0
	9/20/2005	<0.1	<1.0	<1.0	<1.0	<1.0
	12/12/2005	<0.1	<1.0	<1.0	<1.0	<1.0
	3/28/2006	<0.1	<1.0	<1.0	<1.0	<1.0
	6/26/2006	<0.1	<1.0	<1.0	<1.0	<1.0

Notes:
NA = Not Analyzed; HRC = Hydrogen Release Compound
MWT-1 and MWT-2 initially constructed as temporary wells and then converted to permanent wells MW-9 and MW-10, respectively
HRC injection activities were conducted at the site on March 15 and 16, 2005

Table 6
Water Supply Well Inventory
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. GDR-006

WSW ID	Tax Parcel	Well Address	Owner Information	Well Use	Municipal Water Status
Frazier WSW	#0072-08-02-1	527 Log Branch Road Bamberg, SC 29003	Lorrine Frazier 623 Calhoun Street Bamberg, SC 29003 (803-245-4364	All Purposes	Available. Water Account Inactive
Thomas WSW	#0072-08-02-16	589 Log Branch Road Bamberg, SC 29003	Robert A. Thomas 1450 Capernaum Road Bamberg, SC 29003 Phone Number Unknown	All Purposes	Available. No Water Account

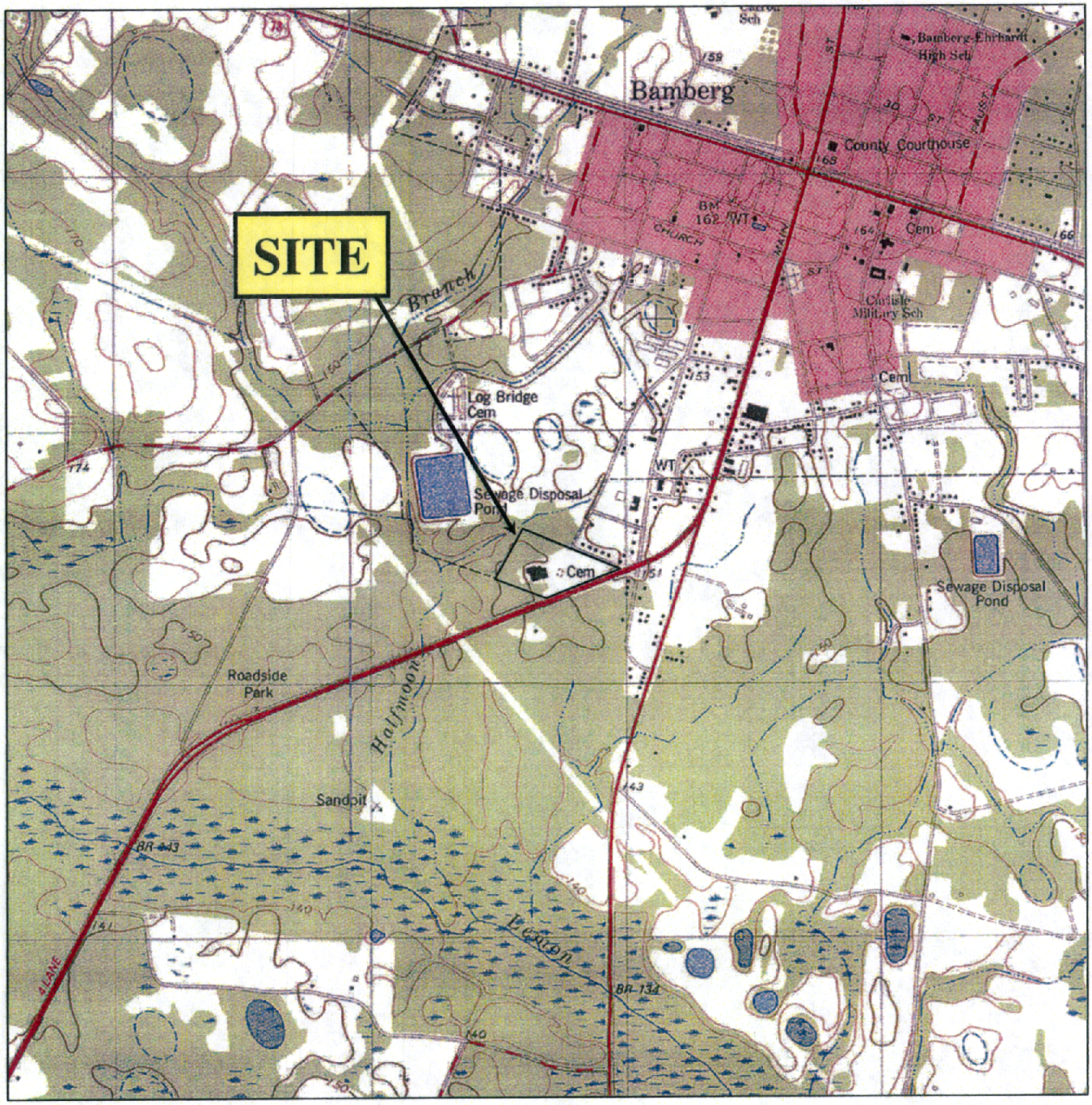
Notes:
Water supply wells are shown on Figure 2
Information from onsite interview, Bamberg County Tax Assessor, and City of Bamberg Public Works

File:Data Tables,WSWs (T6)
Date:1/26/2007

Table 7
Water Supply Well Analytical Summary
Delavan Spray Technologies
Bamberg, South Carolina
H&H Job No. GDR-006

Sample ID Sample Date Units	Frazier WSW 1/12/2007 (µg/l)	Thomas WSW 1/12/2007 (µg/l)	DHEC MCL (µg/l)
VOCs (8260B)			
1,2-Dichloroethane	<1.00	2.27	5
cis-1,3-Dichloropropene	<1.00	1.14	NS
trans-1,3-Dichloropropene	<1.00	1.91	NS
Tetrachloroethene	<1.00	4.44	5
1,2,4-Trichlorobenzene	<1.00	2.00	70

Notes:
Samples analyzed by EPA Method 8260B
Only analytes detected in at least one sample indicated above
MCL = DHEC Maximum Contaminant Level
NS = Not Specified



N

APPROXIMATE

0 2000 4000

SCALE IN FEET

U.S.G.S. QUADRANGLE MAP

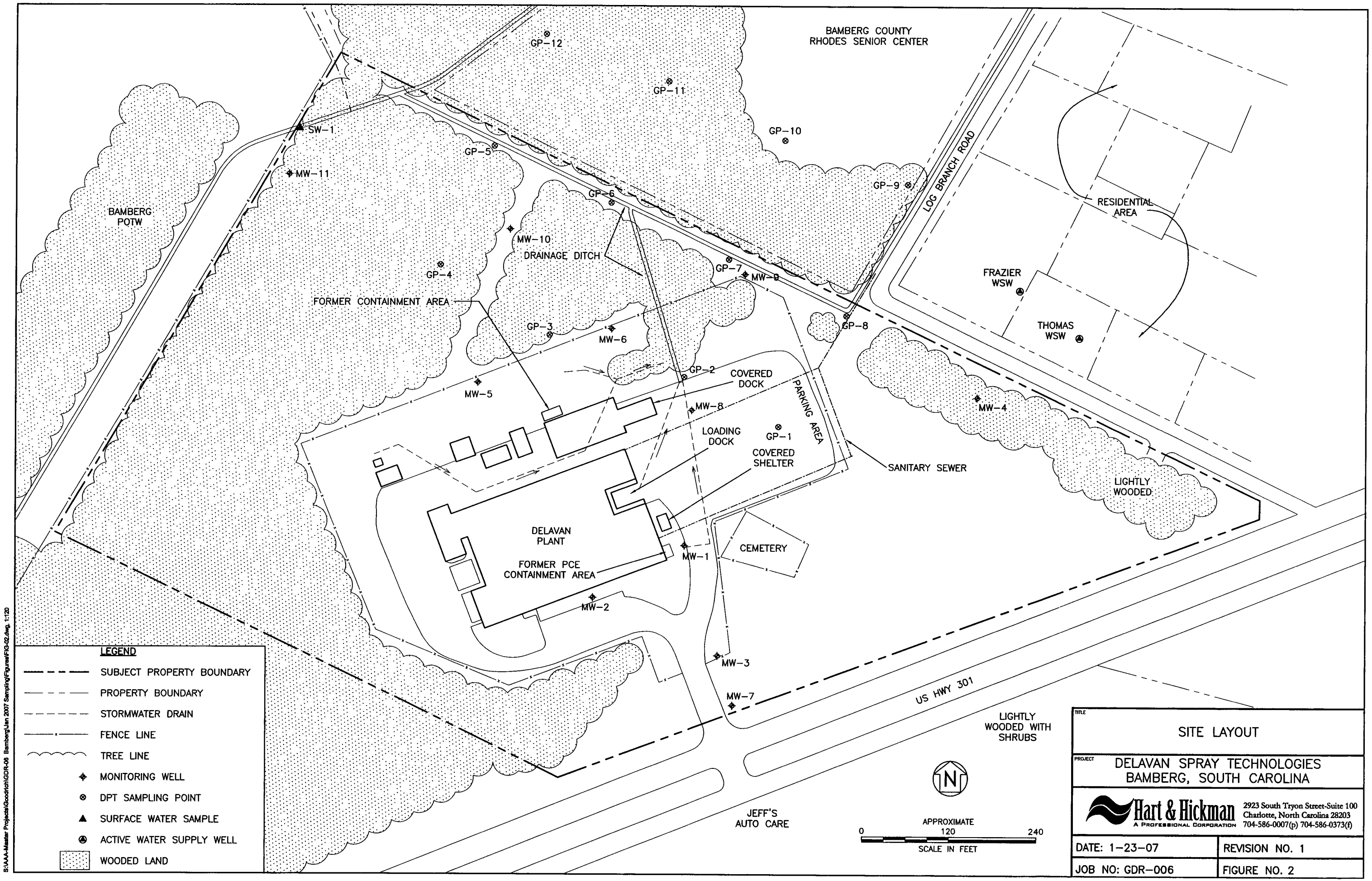
BAMBERG, SC 1979 (PHOTO REVISED 1987)

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

TITLE	SITE LOCATION MAP
PROJECT	DELAVAN SPRAY TECHNOLIGIES BAMBERG, SOUTH CAROLINA

Hart & Hickman
A Professional Corporation
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007 (p) 704-586-0373 (f)

DATE:	4-09-04	REVISION NO:	0
JOB NO:	GDR-006	FIGURE NO:	1



TITLE

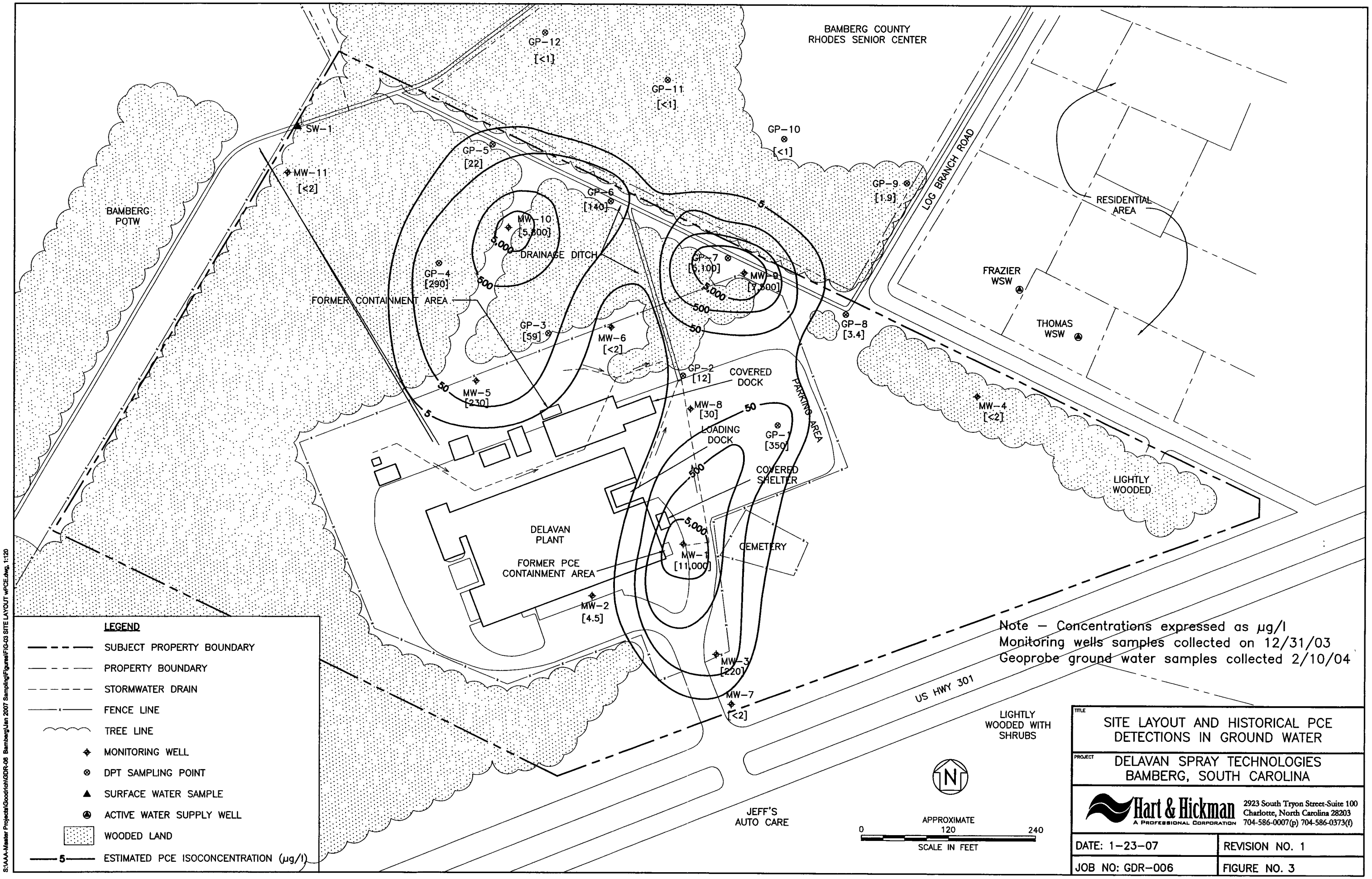
SITE LAYOUT

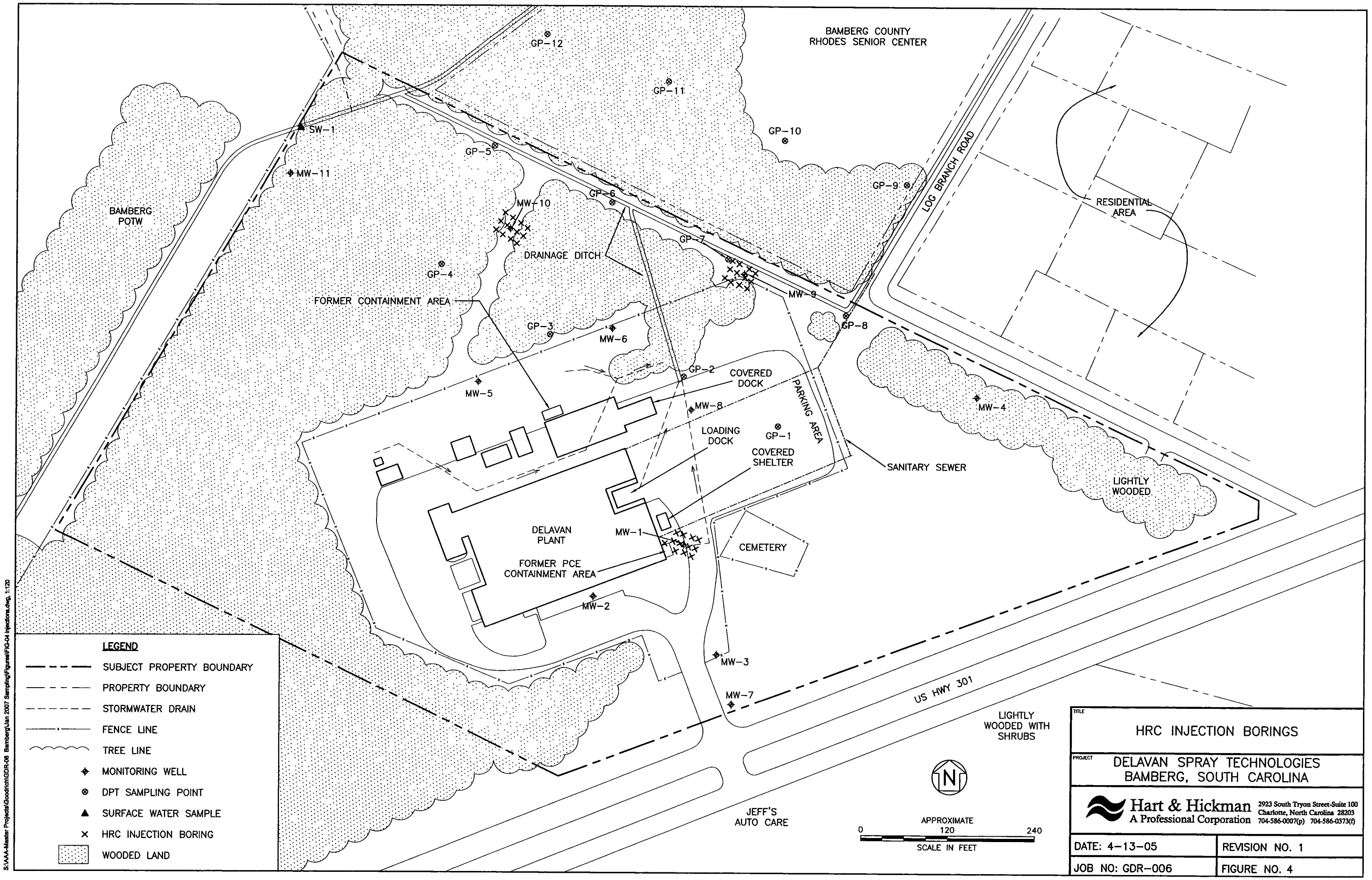
PROJECT

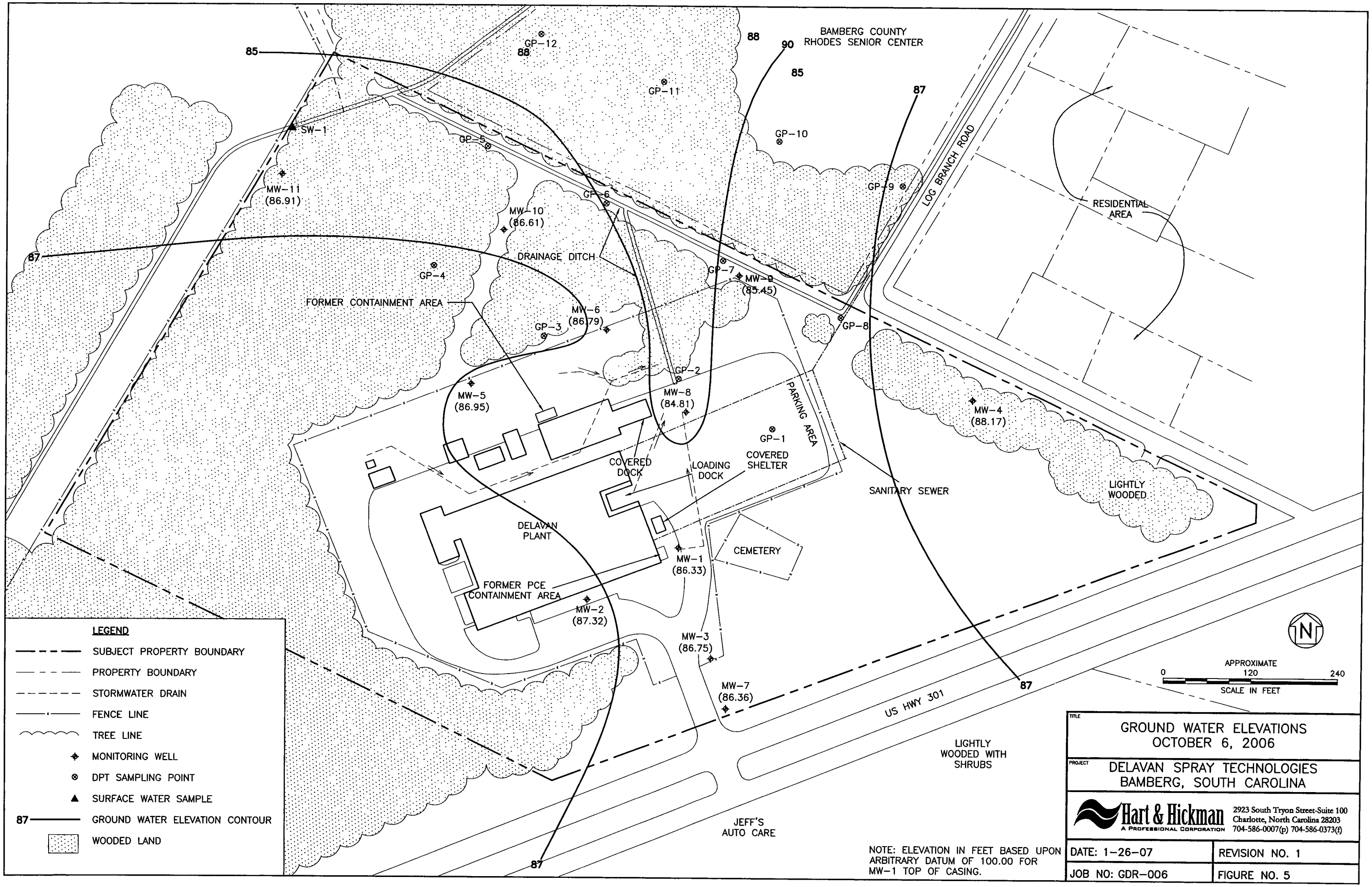
DELAVAN SPRAY TECHNOLOGIES
BAMBERG, SOUTH CAROLINA

Hart & Hickman
A PROFESSIONAL CORPORATION
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

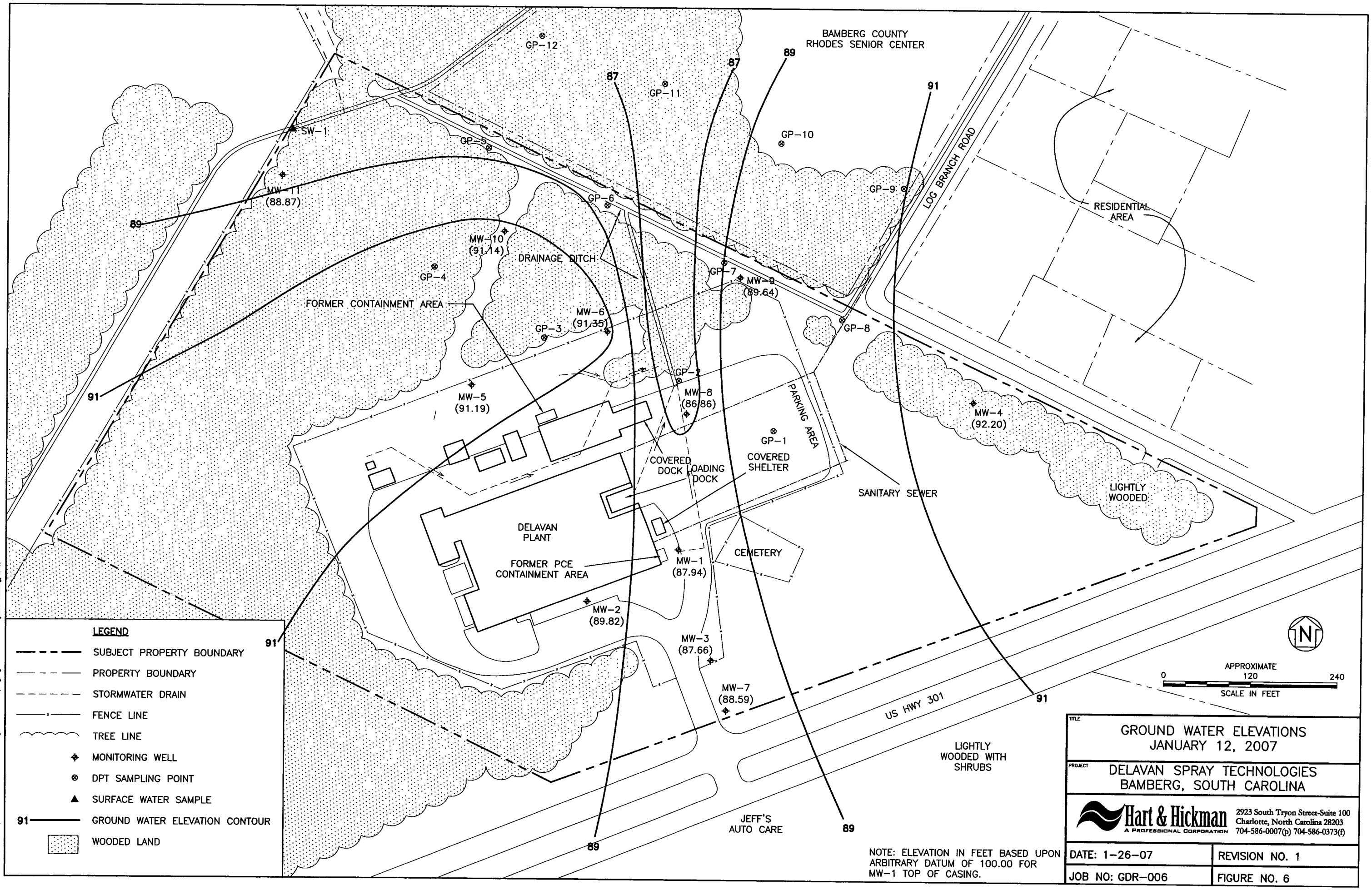
DATE: 1-23-07	REVISION NO. 1
JOB NO: GDR-006	FIGURE NO. 2

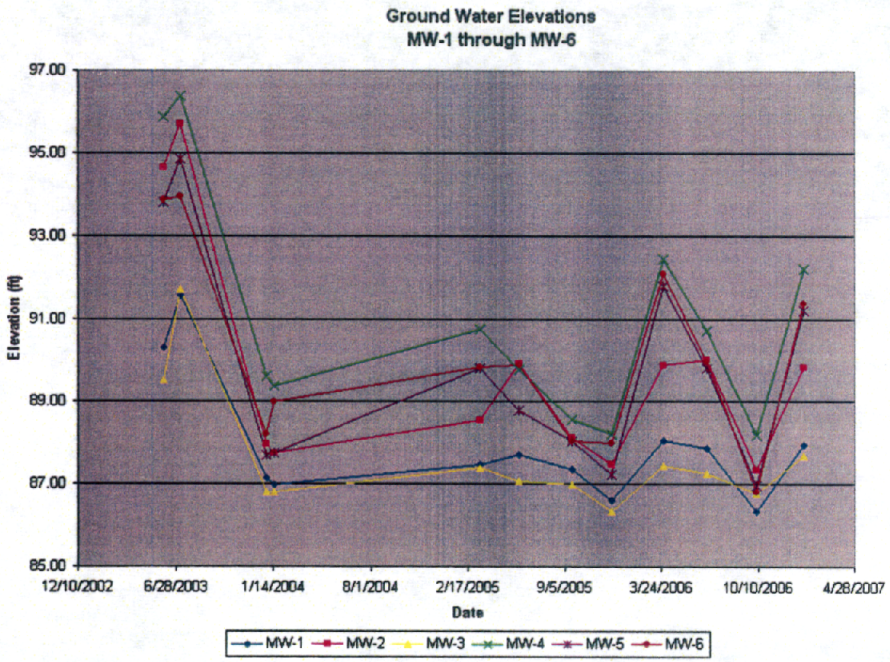

BAMBERG COUNTY
RHODES SENIOR CENTER
GP-12
[<1]
GP-11
[<1]
GP-10
[<1]
SW-1
MW-11
[<2]
GP-5
[22]
GP-6
[140]
GP-9
[1.9]
LOG BRANCH ROAD
RESIDENTIAL AREA
BAMBERG POTW
MW-10
[5,800]
DRAINAGE DITCH
GP-7
[5,100]
MW-9
[7,500]
FRAZIER WSW
THOMAS WSW
GP-4
[290]
FORMER CONTAINMENT AREA
GP-3
[59]
MW-6
[<2]
GP-8
[3.4]
GP-2
[12]
COVERED DOCK
MW-5
[230]
MW-8
[30]
PARKING AREA
MW-4
[<2]
LOADING DOCK
GP-1
[350]
COVERED SHELTER
LIGHTLY WOODED
DELAVAN PLANT
CEMETERY
MW-1
[11,000]
FORMER PCE CONTAINMENT AREA
MW-2
[4.5]
MW-3
[220]
MW-7
[<2]
US HWY 301
LIGHTLY WOODED WITH SHRUBS
JEFF'S AUTO CARE
5,000
500
50
5
N
APPROXIMATE
0
120
240
SCALE IN FEET
LEGEND
SUBJECT PROPERTY BOUNDARY
PROPERTY BOUNDARY
STORMWATER DRAIN
FENCE LINE
TREE LINE
MONITORING WELL
DPT SAMPLING POINT
SURFACE WATER SAMPLE
ACTIVE WATER SUPPLY WELL
WOODED LAND
5 ESTIMATED PCE ISOCONCENTRATION (µg/l)
Note – Concentrations expressed as µg/l
Monitoring wells samples collected on 12/31/03
Geoprobe ground water samples collected 2/10/04
TITLE
SITE LAYOUT AND HISTORICAL PCE DETECTIONS IN GROUND WATER
PROJECT
DELAVAN SPRAY TECHNOLOGIES
BAMBERG, SOUTH CAROLINA
Hart & Hickman
A PROFESSIONAL CORPORATION
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
DATE: 1-23-07
REVISION NO. 1
JOB NO: GDR-006
FIGURE NO. 3
S:\AAA-Master Projects\Goodrich\GDR-06 Bamberg\Jan 2007 Sampling\Figures\FIG-03 SITE LAYOUT wPCE.dwg, 1:120

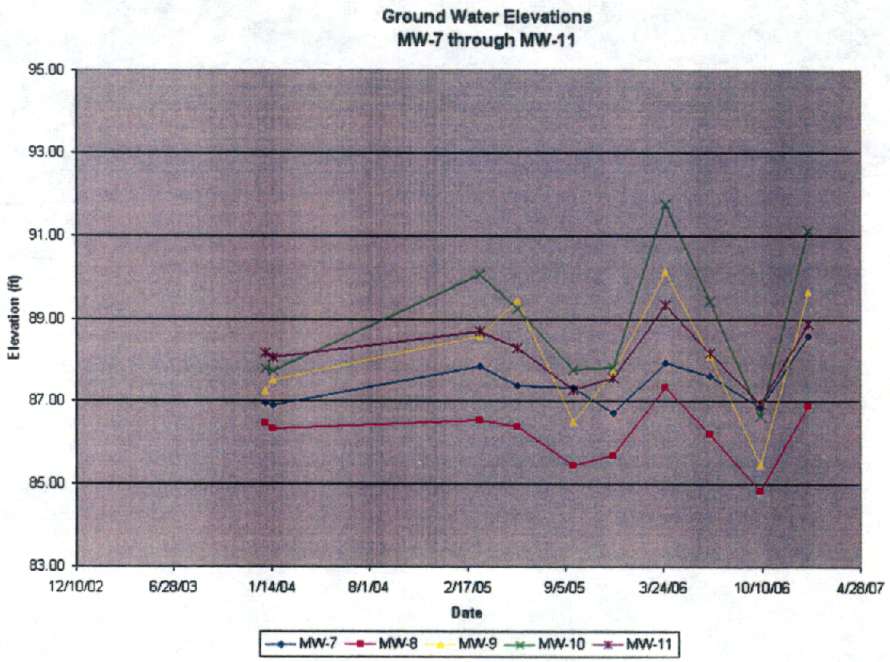

BAMBERG COUNTY
RHODES SENIOR CENTER
GP-12
GP-11
GP-10
GP-9
GP-8
GP-7
GP-6
GP-5
GP-4
GP-3
GP-2
GP-1
SW-1
MW-11
MW-10
MW-9
MW-8
MW-7
MW-6
MW-5
MW-4
MW-3
MW-2
MW-1
BAMBERG
POTW
DRAINAGE DITCH
FORMER CONTAINMENT AREA
COVERED
DOCK
LOADING
DOCK
COVERED
SHELTER
PARKING AREA
SANITARY SEWER
DELAVAN
PLANT
FORMER PCE
CONTAINMENT AREA
CEMETERY
LOG BRANCH ROAD
RESIDENTIAL
AREA
LIGHTLY
WOODED
US HWY 301
LIGHTLY
WOODED WITH
SHRUBS
JEFF'S
AUTO CARE
N
APPROXIMATE
0
120
240
SCALE IN FEET
LEGEND
SUBJECT PROPERTY BOUNDARY
PROPERTY BOUNDARY
STORMWATER DRAIN
FENCE LINE
TREE LINE
MONITORING WELL
DPT SAMPLING POINT
SURFACE WATER SAMPLE
HRC INJECTION BORING
WOODED LAND
TITLE
HRC INJECTION BORINGS
PROJECT
DELAVAN SPRAY TECHNOLOGIES
BAMBERG, SOUTH CAROLINA
Hart & Hickman
A Professional Corporation
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
DATE: 4-13-05
REVISION NO. 1
JOB NO: GDR-006
FIGURE NO. 4
S:\AAA-Master Projects\Goodrich\GDR-06 Bamberg\Jan 2007 Sampling\Figures\FIG-04 Injections.dwg, 1:120



S:\AAA-Master Projects\Goodrich\GDR-06 Bamberg\Jan 2007 Sampling\Figures\FIG-05 October 2006 WL.dwg, 1:120


BAMBERG COUNTY
RHODES SENIOR CENTER
GP-12
GP-11
GP-10
GP-9
GP-8
GP-7
GP-6
GP-5
GP-4
GP-3
GP-2
GP-1
SW-1
MW-11
(88.87)
MW-10
(91.14)
MW-9
(89.64)
MW-8
(86.86)
MW-6
(91.35)
MW-5
(91.19)
MW-4
(92.20)
MW-1
(87.94)
MW-2
(89.82)
MW-3
(87.66)
MW-7
(88.59)
87
89
91
LOG BRANCH ROAD
RESIDENTIAL
AREA
DRAINAGE DITCH
FORMER CONTAINMENT AREA
PARKING AREA
COVERED
DOCK
LOADING
DOCK
COVERED
SHELTER
SANITARY SEWER
LIGHTLY
WOODED
DELAVAN
PLANT
FORMER PCE
CONTAINMENT AREA
CEMETERY
US HWY 301
LIGHTLY
WOODED WITH
SHRUBS
JEFF'S
AUTO CARE
N
APPROXIMATE
0
120
240
SCALE IN FEET
LEGEND
SUBJECT PROPERTY BOUNDARY
PROPERTY BOUNDARY
STORMWATER DRAIN
FENCE LINE
TREE LINE
MONITORING WELL
DPT SAMPLING POINT
SURFACE WATER SAMPLE
GROUND WATER ELEVATION CONTOUR
WOODED LAND
NOTE: ELEVATION IN FEET BASED UPON
ARBITRARY DATUM OF 100.00 FOR
MW-1 TOP OF CASING.
TITLE
GROUND WATER ELEVATIONS
JANUARY 12, 2007
PROJECT
DELAVAN SPRAY TECHNOLOGIES
BAMBERG, SOUTH CAROLINA
Hart & Hickman
A PROFESSIONAL CORPORATION
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
DATE: 1-26-07
REVISION NO. 1
JOB NO: GDR-006
FIGURE NO. 6
S:\AAA-Master Projects\Goodrich\GDR-06 Bamberg\Jan 2007 Sampling\Figures\FIG-06 January 2007 WL.dwg, 1:120





Elevation based on arbitrary elevation of 100.00 ft for MW-1 top of casing

TITLE	GROUND WATER ELEVATION HYDROGRAPHS
PROJECT	DELAVAN SPRAY TECHNOLOGIES BAMBERG, SOUTH CAROLINA

Hart & Hickman
A Professional Corporation
501 Minuet Lane-Suite 101
Charlotte, North Carolina 28217
(704)-586-0007 (704)-586-0373 fax

DATE:	9-14-06	REVISION NO:	0
JOB NO:	GDR-006	FIGURE NO:	7

BAMBERG COUNTY
RHODES SENIOR CENTER

GP-12
GP-11
GP-10
GP-9
GP-8
GP-7
GP-6
GP-5
GP-4
GP-3
GP-2
GP-1
SW-1
MW-11
NS
MW-10
3,380/2,980
MW-9
7,490/5,630
MW-8
NS
MW-6
NS
MW-5
NS
MW-4
NS
MW-3
NS
MW-2
NS
MW-1
9,550/6,790
MW-7
NS

BAMBERG
POTW

DRAINAGE DITCH

FORMER CONTAINMENT AREA

LOG BRANCH ROAD

RESIDENTIAL
AREA

PARKING AREA

LOADING
DOCK

COVERED
SHELTER

SANITARY SEWER

LIGHTLY
WOODED

DELAVAN
PLANT

FORMER PCE
CONTAINMENT AREA

CEMETERY

US HWY 301

LIGHTLY
WOODED WITH
SHRUBS

JEFF'S
AUTO CARE

N

APPROXIMATE
0 120 240
SCALE IN FEET

LEGEND

- SUBJECT PROPERTY BOUNDARY
- PROPERTY BOUNDARY
- STORMWATER DRAIN
- FENCE LINE
- TREE LINE
- MONITORING WELL
- 4.3/1.21 OCTOBER 2006/JANUARY 2007 PCE CONCENTRATION
- DPT SAMPLING POINT
- SURFACE WATER SAMPLE
- HRC INJECTION BORING
- WOODED LAND

NS NOT SAMPLED
NOTE: CONCENTRATIONS IN µg/l

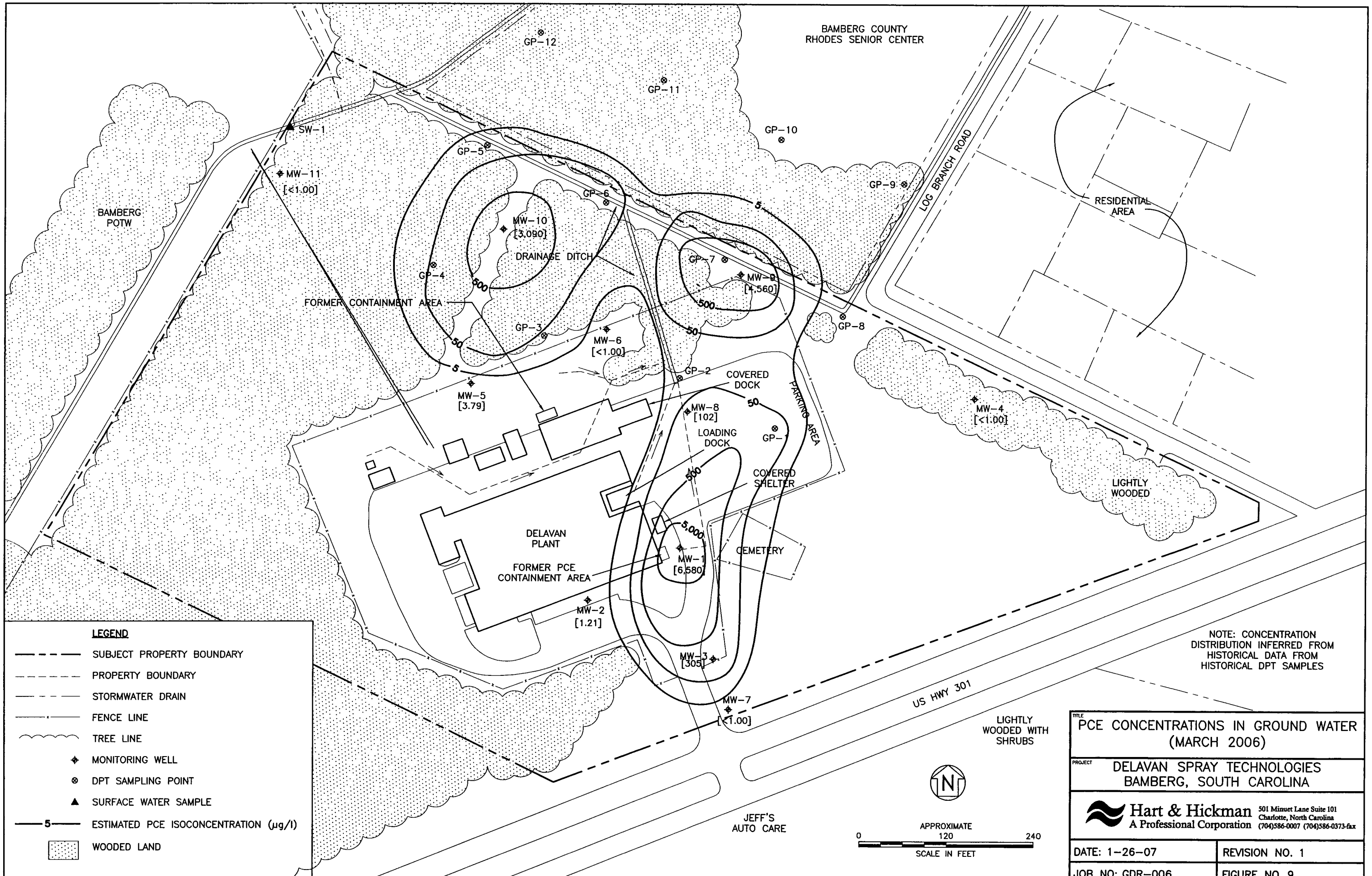
TITLE
PCE DETECTIONS
OCTOBER 2006 AND JANUARY 2007

PROJECT
DELAVAN SPRAY TECHNOLOGIES
BAMBERG, SOUTH CAROLINA

Hart & Hickman
A Professional Corporation
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

DATE: 1-24-07	REVISION NO. 1
JOB NO: GDR-006	FIGURE NO. 8

S:\AAA-Master Projects\Goodrich\GDR-06 Bamberg\Jan 2007 Sampling\Figures\FIG-08 PCE MARCH AND JUNE.dwg, 1:120

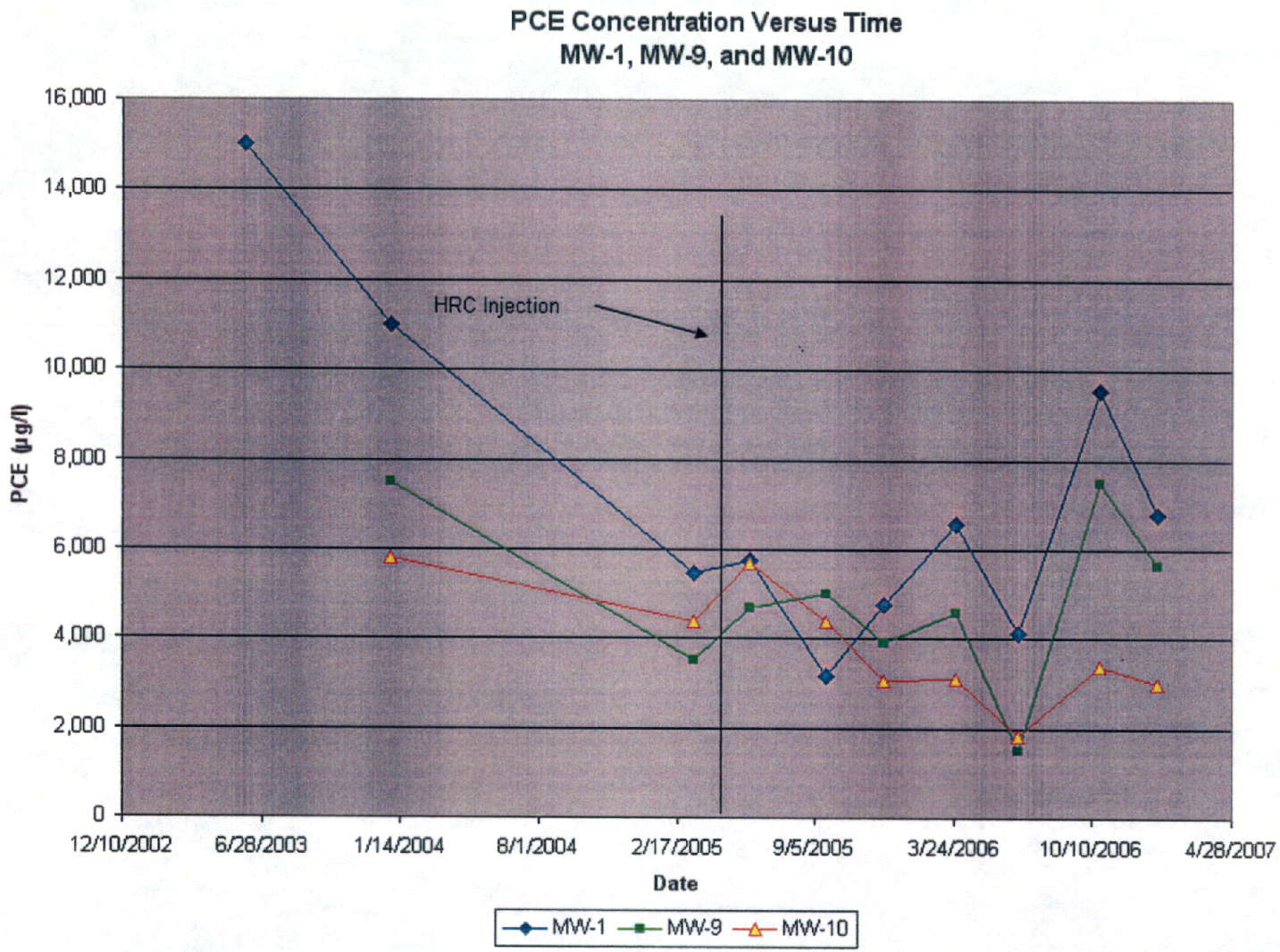


TITLE
PCE CONCENTRATIONS IN GROUND WATER
(MARCH 2006)

PROJECT
DELAVAN SPRAY TECHNOLOGIES
BAMBERG, SOUTH CAROLINA

Hart & Hickman
A Professional Corporation
501 Minuet Lane Suite 101
Charlotte, North Carolina
(704)586-0007 (704)586-0373-fax

DATE: 1-26-07	REVISION NO. 1
JOB NO: GDR-006	FIGURE NO. 9



TITLE	PCE VERSUS TIME (MW-1, MW-9, AND MW-10)
PROJECT	DELAVAN SPRAY TECHNOLOGIES BAMBERG, SOUTH CAROLINA

Hart & Hickman
A Professional Corporation
501 Minuet Lane-Suite 101
Charlotte, North Carolina 28217
(704)-586-0007 (704)-586-0373 fax

DATE:	1-23-07	REVISION NO:	0
JOB NO:	GDR-006	FIGURE NO:	10

Appendix A

October 2006 Laboratory Analytical Data

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

October 30, 2006

Client: Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn: Mike Crouch

Work Order: NPJ2958
Project Name: Goodrich - Delavan
Project Nbr: GDR-006
P/O Nbr:
Date Received: 10/21/06

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1	NPJ2958-01	10/20/06 11:20
MW-9	NPJ2958-02	10/20/06 11:50
MW-10	NPJ2958-03	10/20/06 12:30

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

South Carolina Certification Number: DW:84009002; Other:84009001

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Roxanne L. Connor

Roxanne Connor
Program Manager - Conventional Accou

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Hart & Hickman (2162) 2923 South Tyron Street, Suite 100 Charlotte, NC 28203-5449	Work Order:	NPJ2958
		Project Name:	Goodrich - Delavan
		Project Number:	GDR-006
Attn	Mike Crouch	Received:	10/21/06 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NPJ2958-01 (MW-1 - Water) Sampled: 10/20/06 11:20								
Volatile Organic Compounds by EPA Method 8260B								
Bromodichloromethane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Bromoform	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Bromomethane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Carbon Tetrachloride	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Chlorobenzene	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Chlorodibromomethane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Chloroethane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Chloroform	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Chloromethane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
1,1-Dichloroethane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
1,2-Dichloroethane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
cis-1,2-Dichloroethene	**17.9**		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
1,1-Dichloroethene	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
1,2-Dichloropropane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Methylene Chloride	ND		ug/L	5.00	1	10/25/06 15:28	SW846 8260B	6105393
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Tetrachloroethene	**9550**		ug/L	200	200	10/27/06 06:17	SW846 8260B	6104588
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Trichloroethene	**65.8**		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Trichlorofluoromethane	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Vinyl chloride	ND		ug/L	1.00	1	10/25/06 15:28	SW846 8260B	6105393
Surr: 1,2-Dichloroethane-d4 (70-130%)	*121 %*					*10/25/06 15:28*	*SW846 8260B*	*6105393*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*129 %*					*10/27/06 06:17*	*SW846 8260B*	*6104588*
Surr: Dibromofluoromethane (79-122%)	*105 %*					*10/25/06 15:28*	*SW846 8260B*	*6105393*
Surr: Dibromofluoromethane (79-122%)	*107 %*					*10/27/06 06:17*	*SW846 8260B*	*6104588*
Surr: Toluene-d8 (78-121%)	*104 %*					*10/25/06 15:28*	*SW846 8260B*	*6105393*
Surr: Toluene-d8 (78-121%)	*106 %*					*10/27/06 06:17*	*SW846 8260B*	*6104588*
Surr: 4-Bromofluorobenzene (78-126%)	*100 %*					*10/25/06 15:28*	*SW846 8260B*	*6105393*
Surr: 4-Bromofluorobenzene (78-126%)	*104 %*					*10/27/06 06:17*	*SW846 8260B*	*6104588*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NPJ2958
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 10/21/06 08:00

ANALYTICAL REPORT

Sample ID: NPJ2958-02 (MW-9 - Water) Sampled: 10/20/06 11:50

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Bromodichloromethane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Bromoform	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Bromomethane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Carbon Tetrachloride	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Chlorobenzene	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Chlorodibromomethane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Chloroethane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Chloroform	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Chloromethane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
1,4-Dichlorobenzene	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
1,3-Dichlorobenzene	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
1,2-Dichlorobenzene	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
1,1-Dichloroethane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
1,2-Dichloroethane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
cis-1,2-Dichloroethene	**540**		ug/L	10.0	10	10/27/06 05:27	SW846 8260B	6104588
1,1-Dichloroethene	**23.5**		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
1,2-Dichloropropane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Methylene Chloride	ND		ug/L	5.00	1	10/25/06 15:53	SW846 8260B	6105393
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Tetrachloroethene	**7490**		ug/L	100	100	10/27/06 05:52	SW846 8260B	6104588
1,1,2-Trichloroethane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
1,1,1-Trichloroethane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Trichloroethene	**504**		ug/L	10.0	10	10/27/06 05:27	SW846 8260B	6104588
Trichlorofluoromethane	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Vinyl chloride	ND		ug/L	1.00	1	10/25/06 15:53	SW846 8260B	6105393
Surr: 1,2-Dichloroethane-d4 (70-130%)	*121 %*					*10/25/06 15:53*	*SW846 8260B*	*6105393*
Surr: 1,2-Dichloroethane-d4 (70-130%)	*125 %*					*10/27/06 05:27*	*SW846 8260B*	*6104588*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*10/25/06 15:53*	*SW846 8260B*	*6105393*
Surr: Dibromofluoromethane (79-122%)	*104 %*					*10/27/06 05:27*	*SW846 8260B*	*6104588*
Surr: Toluene-d8 (78-121%)	*101 %*					*10/25/06 15:53*	*SW846 8260B*	*6105393*
Surr: Toluene-d8 (78-121%)	*109 %*					*10/27/06 05:27*	*SW846 8260B*	*6104588*
Surr: 4-Bromofluorobenzene (78-126%)	*103 %*					*10/25/06 15:53*	*SW846 8260B*	*6105393*
Surr: 4-Bromofluorobenzene (78-126%)	*109 %*					*10/27/06 05:27*	*SW846 8260B*	*6104588*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Hart & Hickman (2162) 2923 South Tyron Street, Suite 100 Charlotte, NC 28203-5449	Work Order:	NPJ2958
		Project Name:	Goodrich - Delavan
		Project Number:	GDR-006
Attn	Mike Crouch	Received:	10/21/06 08:00

ANALYTICAL REPORT

Sample ID: NPJ2958-03 (MW-10 - Water) Sampled: 10/20/06 12:30

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Bromodichloromethane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Bromoform	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Bromomethane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Carbon Tetrachloride	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Chlorobenzene	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Chlorodibromomethane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Chloroethane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Chloroform	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Chloromethane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
1,4-Dichlorobenzene	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
1,3-Dichlorobenzene	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
1,2-Dichlorobenzene	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
1,1-Dichloroethane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
1,2-Dichloroethane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
cis-1,2-Dichloroethene	**121**		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
1,1-Dichloroethene	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
trans-1,2-Dichloroethene	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
1,2-Dichloropropane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
cis-1,3-Dichloropropene	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
trans-1,3-Dichloropropene	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Methylene Chloride	ND		ug/L	500	100	10/27/06 05:03	SW846 8260B	6104588
1,1,2,2-Tetrachloroethane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Tetrachloroethene	**3380**		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
1,1,2-Trichloroethane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
1,1,1-Trichloroethane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Trichloroethene	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Trichlorofluoromethane	ND		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Vinyl chloride	**114**		ug/L	100	100	10/27/06 05:03	SW846 8260B	6104588
Surr: 1,2-Dichloroethane-d4 (70-130%)	*128 %*					*10/27/06 05:03*	*SW846 8260B*	*6104588*
Surr: Dibromofluoromethane (79-122%)	*106 %*					*10/27/06 05:03*	*SW846 8260B*	*6104588*
Surr: Toluene-d8 (78-121%)	*106 %*					*10/27/06 05:03*	*SW846 8260B*	*6104588*
Surr: 4-Bromofluorobenzene (78-126%)	*106 %*					*10/27/06 05:03*	*SW846 8260B*	*6104588*

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ANALYTICAL TESTING CORPORATION
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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NPJ2958
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 10/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6104588-BLK1						
Bromodichloromethane	<0.380		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Bromoform	<0.500		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Bromomethane	<0.600		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Carbon Tetrachloride	<0.480		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Chlorobenzene	<0.320		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Chlorodibromomethane	<0.360		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Chloroethane	<0.500		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Chloroform	<0.380		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Chloromethane	<0.460		ug/L	6104588	6104588-BLK1	10/27/06 00:07
1,4-Dichlorobenzene	<0.460		ug/L	6104588	6104588-BLK1	10/27/06 00:07
1,3-Dichlorobenzene	<0.360		ug/L	6104588	6104588-BLK1	10/27/06 00:07
1,2-Dichlorobenzene	<0.370		ug/L	6104588	6104588-BLK1	10/27/06 00:07
1,1-Dichloroethane	<0.320		ug/L	6104588	6104588-BLK1	10/27/06 00:07
1,2-Dichloroethane	<0.280		ug/L	6104588	6104588-BLK1	10/27/06 00:07
cis-1,2-Dichloroethene	<0.390		ug/L	6104588	6104588-BLK1	10/27/06 00:07
1,1-Dichloroethene	<0.450		ug/L	6104588	6104588-BLK1	10/27/06 00:07
trans-1,2-Dichloroethene	<0.340		ug/L	6104588	6104588-BLK1	10/27/06 00:07
1,2-Dichloropropane	<0.500		ug/L	6104588	6104588-BLK1	10/27/06 00:07
cis-1,3-Dichloropropene	<0.450		ug/L	6104588	6104588-BLK1	10/27/06 00:07
trans-1,3-Dichloropropene	<0.490		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Methylene Chloride	<1.26		ug/L	6104588	6104588-BLK1	10/27/06 00:07
1,1,2,2-Tetrachloroethane	<0.490		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Tetrachloroethene	<0.390		ug/L	6104588	6104588-BLK1	10/27/06 00:07
1,1,2-Trichloroethane	<0.420		ug/L	6104588	6104588-BLK1	10/27/06 00:07
1,1,1-Trichloroethane	<0.400		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Trichloroethene	<0.450		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Trichlorofluoromethane	<0.480		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Vinyl chloride	<0.430		ug/L	6104588	6104588-BLK1	10/27/06 00:07
Surrogate: 1,2-Dichloroethane-d4	127%			6104588	6104588-BLK1	10/27/06 00:07
Surrogate: Dibromofluoromethane	107%			6104588	6104588-BLK1	10/27/06 00:07
Surrogate: Toluene-d8	106%			6104588	6104588-BLK1	10/27/06 00:07
Surrogate: 4-Bromofluorobenzene	107%			6104588	6104588-BLK1	10/27/06 00:07
6105393-BLK1						
Bromodichloromethane	<0.380		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Bromoform	<0.500		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Bromomethane	<0.320		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Carbon Tetrachloride	<0.310		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Chlorobenzene	<0.210		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Chlorodibromomethane	<0.360		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Chloroethane	<0.500		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Chloroform	<0.320		ug/L	6105393	6105393-BLK1	10/25/06 11:41

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Client	Hart & Hickman (2162) 2923 South Tyron Street, Suite 100 Charlotte, NC 28203-5449	Work Order:	NPJ2958
		Project Name:	Goodrich - Delavan
		Project Number:	GDR-006
Attn	Mike Crouch	Received:	10/21/06 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
6105393-BLK1						
Chloromethane	<0.460		ug/L	6105393	6105393-BLK1	10/25/06 11:41
1,4-Dichlorobenzene	<0.350		ug/L	6105393	6105393-BLK1	10/25/06 11:41
1,3-Dichlorobenzene	<0.330		ug/L	6105393	6105393-BLK1	10/25/06 11:41
1,2-Dichlorobenzene	<0.370		ug/L	6105393	6105393-BLK1	10/25/06 11:41
1,1-Dichloroethane	<0.300		ug/L	6105393	6105393-BLK1	10/25/06 11:41
1,2-Dichloroethane	<0.280		ug/L	6105393	6105393-BLK1	10/25/06 11:41
cis-1,2-Dichloroethene	<0.380		ug/L	6105393	6105393-BLK1	10/25/06 11:41
1,1-Dichloroethene	<0.310		ug/L	6105393	6105393-BLK1	10/25/06 11:41
trans-1,2-Dichloroethene	<0.340		ug/L	6105393	6105393-BLK1	10/25/06 11:41
1,2-Dichloropropane	<0.330		ug/L	6105393	6105393-BLK1	10/25/06 11:41
cis-1,3-Dichloropropene	<0.450		ug/L	6105393	6105393-BLK1	10/25/06 11:41
trans-1,3-Dichloropropene	<0 490		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Methylene Chloride	<1.26		ug/L	6105393	6105393-BLK1	10/25/06 11:41
1,1,2,2-Tetrachloroethane	<0.380		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Tetrachloroethene	<0.390		ug/L	6105393	6105393-BLK1	10/25/06 11:41
1,1,2-Trichloroethane	<0.420		ug/L	6105393	6105393-BLK1	10/25/06 11:41
1,1,1-Trichloroethane	<0.300		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Trichloroethene	<0 330		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Trichlorofluoromethane	<0.350		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Vinyl chloride	<0.430		ug/L	6105393	6105393-BLK1	10/25/06 11:41
Surrogate: 1,2-Dichloroethane-d4	126%			6105393	6105393-BLK1	10/25/06 11:41
Surrogate: Dibromofluoromethane	108%			6105393	6105393-BLK1	10/25/06 11:41
Surrogate: Toluene-d8	98%			6105393	6105393-BLK1	10/25/06 11:41
Surrogate: 4-Bromofluorobenzene	102%			6105393	6105393-BLK1	10/25/06 11:41

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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NPJ2958
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 10/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6104588-BS1								
Bromodichloromethane	50.0	46.2		ug/L	92%	71 - 134	6104588	10/26/06 23:18
Bromoform	50.0	34.4		ug/L	69%	44 - 140	6104588	10/26/06 23:18
Bromomethane	50.0	53.6		ug/L	107%	49 - 157	6104588	10/26/06 23:18
Carbon Tetrachloride	50.0	44.9		ug/L	90%	63 - 140	6104588	10/26/06 23:18
Chlorobenzene	50.0	50.2		ug/L	100%	83 - 118	6104588	10/26/06 23:18
Chlorodibromomethane	50.0	41.5		ug/L	83%	69 - 128	6104588	10/26/06 23:18
Chloroethane	50.0	48.2		ug/L	96%	57 - 142	6104588	10/26/06 23:18
Chloroform	50.0	51.1		ug/L	102%	72 - 128	6104588	10/26/06 23:18
Chloromethane	50.0	35.7		ug/L	71%	37 - 158	6104588	10/26/06 23:18
1,4-Dichlorobenzene	50.0	52.5		ug/L	105%	80 - 119	6104588	10/26/06 23:18
1,3-Dichlorobenzene	50.0	53.4		ug/L	107%	81 - 124	6104588	10/26/06 23:18
1,2-Dichlorobenzene	50.0	53.7		ug/L	107%	82 - 123	6104588	10/26/06 23:18
1,1-Dichloroethane	50.0	48.4		ug/L	97%	72 - 130	6104588	10/26/06 23:18
1,2-Dichloroethane	50.0	60.6		ug/L	121%	65 - 137	6104588	10/26/06 23:18
cis-1,2-Dichloroethene	50.0	51.0		ug/L	102%	71 - 131	6104588	10/26/06 23:18
1,1-Dichloroethene	50.0	44.7		ug/L	89%	68 - 133	6104588	10/26/06 23:18
trans-1,2-Dichloroethene	50.0	51.1		ug/L	102%	70 - 132	6104588	10/26/06 23:18
1,2-Dichloropropane	50.0	44.6		ug/L	89%	76 - 128	6104588	10/26/06 23:18
cis-1,3-Dichloropropene	50.0	45.8		ug/L	92%	61 - 138	6104588	10/26/06 23:18
trans-1,3-Dichloropropene	50.0	45.7		ug/L	91%	57 - 130	6104588	10/26/06 23:18
Methylene Chloride	50.0	47.5		ug/L	95%	74 - 133	6104588	10/26/06 23:18
1,1,2,2-Tetrachloroethane	50.0	52.3		ug/L	105%	70 - 129	6104588	10/26/06 23:18
Tetrachloroethene	50.0	50.8		ug/L	102%	77 - 124	6104588	10/26/06 23:18
1,1,2-Trichloroethane	50.0	51.2		ug/L	102%	83 - 120	6104588	10/26/06 23:18
1,1,1-Trichloroethane	50.0	50.6		ug/L	101%	68 - 135	6104588	10/26/06 23:18
Trichloroethene	50.0	48.6		ug/L	97%	72 - 135	6104588	10/26/06 23:18
Trichlorofluoromethane	50.0	40.1		ug/L	80%	57 - 142	6104588	10/26/06 23:18
Vinyl chloride	50.0	43.0		ug/L	86%	52 - 143	6104588	10/26/06 23:18
Surrogate: 1,2-Dichloroethane-d4	50.0	61.5			123%	70 - 130	6104588	10/26/06 23:18
Surrogate: Dibromofluoromethane	50.0	52.3			105%	79 - 122	6104588	10/26/06 23:18
Surrogate: Toluene-d8	50.0	51.8			104%	78 - 121	6104588	10/26/06 23:18
Surrogate: 4-Bromofluorobenzene	50.0	52.2			104%	78 - 126	6104588	10/26/06 23:18
6105393-BS1								
Bromodichloromethane	50.0	50.5		ug/L	101%	76 - 134	6105393	10/25/06 10:52
Bromoform	50.0	36.1		ug/L	72%	56 - 127	6105393	10/25/06 10:52
Bromomethane	50.0	29.2		ug/L	58%	50 - 157	6105393	10/25/06 10:52
Carbon Tetrachloride	50.0	50.0		ug/L	100%	69 - 138	6105393	10/25/06 10:52
Chlorobenzene	50.0	50.1		ug/L	100%	83 - 118	6105393	10/25/06 10:52
Chlorodibromomethane	50.0	41.7		ug/L	83%	71 - 128	6105393	10/25/06 10:52
Chloroethane	50.0	80.9		ug/L	162%	57 - 142	6105393	10/25/06 10:52
Chloroform	50.0	56.8		ug/L	114%	73 - 128	6105393	10/25/06 10:52

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Client	Hart & Hickman (2162) 2923 South Tyron Street, Suite 100 Charlotte, NC 28203-5449	Work Order:	NPJ2958
		Project Name:	Goodrich - Delavan
		Project Number:	GDR-006
Attn	Mike Crouch	Received:	10/21/06 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
6105393-BS1								
Chloromethane	50.0	37.5		ug/L	75%	37 - 157	6105393	10/25/06 10:52
1,4-Dichlorobenzene	50.0	50.1		ug/L	100%	80 - 119	6105393	10/25/06 10:52
1,3-Dichlorobenzene	50.0	51.6		ug/L	103%	81 - 124	6105393	10/25/06 10:52
1,2-Dichlorobenzene	50.0	50.4		ug/L	101%	82 - 123	6105393	10/25/06 10:52
1,1-Dichloroethane	50.0	54.9		ug/L	110%	74 - 130	6105393	10/25/06 10:52
1,2-Dichloroethane	50.0	65.7	L	ug/L	131%	72 - 129	6105393	10/25/06 10:52
cis-1,2-Dichloroethene	50.0	58.6		ug/L	117%	71 - 131	6105393	10/25/06 10:52
1,1-Dichloroethene	50.0	52.2		ug/L	104%	73 - 133	6105393	10/25/06 10:52
trans-1,2-Dichloroethene	50.0	59.5		ug/L	119%	70 - 132	6105393	10/25/06 10:52
1,2-Dichloropropane	50.0	50.5		ug/L	101%	78 - 128	6105393	10/25/06 10:52
cis-1,3-Dichloropropene	50.0	50.1		ug/L	100%	62 - 135	6105393	10/25/06 10:52
trans-1,3-Dichloropropene	50.0	50.5		ug/L	101%	58 - 130	6105393	10/25/06 10:52
Methylene Chloride	50.0	55.3		ug/L	111%	74 - 133	6105393	10/25/06 10:52
1,1,2,2-Tetrachloroethane	50.0	50.1		ug/L	100%	70 - 129	6105393	10/25/06 10:52
Tetrachloroethene	50.0	52.5		ug/L	105%	78 - 124	6105393	10/25/06 10:52
1,1,2-Trichloroethane	50.0	50.2		ug/L	100%	83 - 120	6105393	10/25/06 10:52
1,1,1-Trichloroethane	50.0	56.8		ug/L	114%	73 - 131	6105393	10/25/06 10:52
Trichloroethene	50.0	53.9		ug/L	108%	76 - 135	6105393	10/25/06 10:52
Trichlorofluoromethane	50.0	47.7		ug/L	95%	57 - 142	6105393	10/25/06 10:52
Vinyl chloride	50.0	48.8		ug/L	98%	52 - 143	6105393	10/25/06 10:52
Surrogate: 1,2-Dichloroethane-d4	50.0	59.7			119%	70 - 130	6105393	10/25/06 10:52
Surrogate: Dibromofluoromethane	50.0	53.7			107%	79 - 122	6105393	10/25/06 10:52
Surrogate: Toluene-d8	50.0	48.9			98%	78 - 121	6105393	10/25/06 10:52
Surrogate: 4-Bromofluorobenzene	50.0	51.0			102%	78 - 126	6105393	10/25/06 10:52

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NPJ2958
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 10/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
6105393-MS1										
Bromodichloromethane	ND	60.0		ug/L	50.0	120%	68 - 138	6105393	NPJ2547-02	10/25/06 20:24
Bromoform	ND	37.9		ug/L	50.0	76%	44 - 137	6105393	NPJ2547-02	10/25/06 20:24
Bromomethane	ND	31.1		ug/L	50.0	62%	29 - 171	6105393	NPJ2547-02	10/25/06 20:24
Carbon Tetrachloride	ND	61.5		ug/L	50.0	123%	56 - 147	6105393	NPJ2547-02	10/25/06 20:24
Chlorobenzene	ND	60.4		ug/L	50.0	121%	79 - 124	6105393	NPJ2547-02	10/25/06 20:24
Chlorodibromomethane	ND	47.2		ug/L	50.0	94%	62 - 130	6105393	NPJ2547-02	10/25/06 20:24
Chloroethane	ND	60.9		ug/L	50.0	122%	47 - 160	6105393	NPJ2547-02	10/25/06 20:24
Chloroform	ND	69.9	M7	ug/L	50.0	140%	71 - 134	6105393	NPJ2547-02	10/25/06 20:24
Chloromethane	ND	37 9		ug/L	50.0	76%	22 - 171	6105393	NPJ2547-02	10/25/06 20:24
1,4-Dichlorobenzene	ND	59.7		ug/L	50.0	119%	72 - 126	6105393	NPJ2547-02	10/25/06 20:24
1,3-Dichlorobenzene	ND	61.2		ug/L	50.0	122%	72 - 133	6105393	NPJ2547-02	10/25/06 20:24
1,2-Dichlorobenzene	ND	58.5		ug/L	50.0	117%	73 - 131	6105393	NPJ2547-02	10/25/06 20:24
1,1-Dichloroethane	ND	65.6		ug/L	50.0	131%	70 - 135	6105393	NPJ2547-02	10/25/06 20:24
1,2-Dichloroethane	ND	79.2	M7	ug/L	50.0	158%	62 - 140	6105393	NPJ2547-02	10/25/06 20:24
cis-1,2-Dichloroethene	ND	71.5	M7	ug/L	50.0	143%	67 - 137	6105393	NPJ2547-02	10/25/06 20:24
1,1-Dichloroethene	ND	53.8		ug/L	50.0	108%	67 - 139	6105393	NPJ2547-02	10/25/06 20:24
trans-1,2-Dichloroethene	ND	68.5		ug/L	50.0	137%	66 - 138	6105393	NPJ2547-02	10/25/06 20:24
1,2-Dichloropropane	ND	62.7		ug/L	50.0	125%	75 - 131	6105393	NPJ2547-02	10/25/06 20:24
cis-1,3-Dichloropropene	ND	47.6		ug/L	50.0	95%	53 - 139	6105393	NPJ2547-02	10/25/06 20:24
trans-1,3-Dichloropropene	ND	46.1		ug/L	50.0	92%	51 - 130	6105393	NPJ2547-02	10/25/06 20:24
Methylene Chloride	ND	62.0		ug/L	50.0	124%	69 - 138	6105393	NPJ2547-02	10/25/06 20:24
1,1,2,2-Tetrachloroethane	ND	60.3		ug/L	50.0	121%	65 - 134	6105393	NPJ2547-02	10/25/06 20:24
Tetrachloroethene	ND	65.5		ug/L	50.0	131%	71 - 132	6105393	NPJ2547-02	10/25/06 20:24
1,1,2-Trichloroethane	ND	69.4	M7	ug/L	50.0	139%	78 - 125	6105393	NPJ2547-02	10/25/06 20.24
1,1,1-Trichloroethane	ND	70.2		ug/L	50.0	140%	66 - 142	6105393	NPJ2547-02	10/25/06 20:24
Trichloroethene	ND	97.6	M7	ug/L	50.0	195%	69 - 140	6105393	NPJ2547-02	10/25/06 20:24
Trichlorofluoromethane	ND	66.1		ug/L	50.0	132%	57 - 149	6105393	NPJ2547-02	10/25/06 20:24
Vinyl chloride	ND	46.5		ug/L	50.0	93%	46 - 151	6105393	NPJ2547-02	10/25/06 20:24
Surrogate: 1,2-Dichloroethane-d4		61.6		ug/L	50.0	123%	70 - 130	6105393	NPJ2547-02	10/25/06 20:24
Surrogate: Dibromofluoromethane		55.0		ug/L	50.0	110%	79 - 122	6105393	NPJ2547-02	10/25/06 20:24
Surrogate: Toluene-d8		48.1		ug/L	50.0	96%	78 - 121	6105393	NPJ2547-02	10/25/06 20:24
Surrogate: 4-Bromofluorobenzene		50.1		ug/L	50.0	100%	78 - 126	6105393	NPJ2547-02	10/25/06 20:24

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NPJ2958
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 10/21/06 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
6105393-MSD1												
Bromodichloromethane	ND	55.9		ug/L	50.0	112%	68 - 138	7	16	6105393	NPJ2547-02	10/25/06 20:49
Bromoform	ND	35.6		ug/L	50.0	71%	44 - 137	6	19	6105393	NPJ2547-02	10/25/06 20:49
Bromomethane	ND	30.2		ug/L	50.0	60%	29 - 171	3	31	6105393	NPJ2547-02	10/25/06 20:49
Carbon Tetrachloride	ND	57.2		ug/L	50.0	114%	56 - 147	7	22	6105393	NPJ2547-02	10/25/06 20:49
Chlorobenzene	ND	57.5		ug/L	50 0	115%	79 - 124	5	17	6105393	NPJ2547-02	10/25/06 20:49
Chlorodibromomethane	ND	44.5		ug/L	50.0	89%	62 - 130	6	16	6105393	NPJ2547-02	10/25/06 20:49
Chloroethane	ND	58.7		ug/L	50.0	117%	47 - 160	4	24	6105393	NPJ2547-02	10/25/06 20:49
Chloroform	ND	65.2		ug/L	50.0	130%	71 - 134	7	16	6105393	NPJ2547-02	10/25/06 20:49
Chloromethane	ND	34.2		ug/L	50.0	68%	22 - 171	10	32	6105393	NPJ2547-02	10/25/06 20:49
1,4-Dichlorobenzene	ND	56.9		ug/L	50.0	114%	72 - 126	5	18	6105393	NPJ2547-02	10/25/06 20:49
1,3-Dichlorobenzene	ND	58.4		ug/L	50.0	117%	72 - 133	5	17	6105393	NPJ2547-02	10/25/06 20:49
1,2-Dichlorobenzene	ND	55.4		ug/L	50 0	111%	73 - 131	5	16	6105393	NPJ2547-02	10/25/06 20:49
1,1-Dichloroethane	ND	60.9		ug/L	50.0	122%	70 - 135	7	17	6105393	NPJ2547-02	10/25/06 20:49
1,2-Dichloroethane	ND	74.1	M7	ug/L	50.0	148%	62 - 140	7	17	6105393	NPJ2547-02	10/25/06 20:49
cis-1,2-Dichloroethene	ND	65.9		ug/L	50.0	132%	67 - 137	8	20	6105393	NPJ2547-02	10/25/06 20:49
1,1-Dichloroethene	ND	48.5		ug/L	50.0	97%	67 - 139	10	20	6105393	NPJ2547-02	10/25/06 20:49
trans-1,2-Dichloroethene	ND	63.8		ug/L	50.0	128%	66 - 138	7	18	6105393	NPJ2547-02	10/25/06 20:49
1,2-Dichloropropane	ND	58.0		ug/L	50 0	116%	75 - 131	8	17	6105393	NPJ2547-02	10/25/06 20:49
cis-1,3-Dichloropropene	ND	47.4		ug/L	50 0	95%	53 - 139	0.4	20	6105393	NPJ2547-02	10/25/06 20:49
trans-1,3-Dichloropropene	ND	45.2		ug/L	50.0	90%	51 - 130	2	18	6105393	NPJ2547-02	10/25/06 20:49
Methylene Chloride	ND	57.6		ug/L	50.0	115%	69 - 138	7	19	6105393	NPJ2547-02	10/25/06 20:49
1,1,2,2-Tetrachloroethane	ND	54.4		ug/L	50.0	109%	65 - 134	10	23	6105393	NPJ2547-02	10/25/06 20:49
Tetrachloroethene	ND	62.3		ug/L	50.0	125%	71 - 132	5	20	6105393	NPJ2547-02	10/25/06 20:49
1,1,2-Trichloroethane	ND	65.2	M7	ug/L	50.0	130%	78 - 125	6	15	6105393	NPJ2547-02	10/25/06 20:49
1,1,1-Trichloroethane	ND	65.7		ug/L	50.0	131%	66 - 142	7	25	6105393	NPJ2547-02	10/25/06 20:49
Trichloroethene	ND	81.5	M7	ug/L	50.0	163%	69 - 140	18	21	6105393	NPJ2547-02	10/25/06 20:49
Trichlorofluoromethane	ND	59.1		ug/L	50.0	118%	57 - 149	11	23	6105393	NPJ2547-02	10/25/06 20:49
Vinyl chloride	ND	42.4		ug/L	50.0	85%	46 - 151	9	23	6105393	NPJ2547-02	10/25/06 20:49
Surrogate: 1,2-Dichloroethane-d4		59.9		ug/L	50.0	120%	70 - 130			6105393	NPJ2547-02	10/25/06 20:49
Surrogate: Dibromofluoromethane		54.5		ug/L	50.0	109%	79 - 122			6105393	NPJ2547-02	10/25/06 20:49
Surrogate: Toluene-d8		48.6		ug/L	50.0	97%	78 - 121			6105393	NPJ2547-02	10/25/06 20:49
Surrogate: 4-Bromofluorobenzene		49.8		ug/L	50.0	100%	78 - 126			6105393	NPJ2547-02	10/25/06 20:49

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Hart & Hickman (2162)	Work Order:	NPJ2958
	2923 South Tyron Street, Suite 100	Project Name:	Goodrich - Delavan
	Charlotte, NC 28203-5449	Project Number:	GDR-006
Attn	Mike Crouch	Received:	10/21/06 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	South Carolina
SW846 8260B	Water	N/A	X	X

Client	Hart & Hickman (2162)	Work Order:	NPJ2958
	2923 South Tyron Street, Suite 100	Project Name:	Goodrich - Delavan
	Charlotte, NC 28203-5449	Project Number:	GDR-006
Attn	Mike Crouch	Received:	10/21/06 08:00

DATA QUALIFIERS AND DEFINITIONS

L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

M7 The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division

COOLER RECEIPT FORM **BC#** NPJ2958

Cooler Received/Opened On: October 21, 2006 @ 08:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 2389

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: -1.5 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 Raynger ST

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1-FRONT

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... BW

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... K

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... BW

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... BW

I certify that I attached a label with the unique LIMS number to each container (intial)..... BW

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment

TestAmerica
ANALYTICAL TESTING CORPORATION

NPJ2958
10/30/06 23:59

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: YES

Client Name: HART & HICKMAN, PC Client #: 2162
Address: 2923 S. TRYON ST., STE 100
City/State/Zip Code: CHARLOTTE, NC 28203
Project Manager: MIKE CROUCH
Telephone Number: 704.586.0007 Fax: 704.586.0373
Sampler Name: (Print Name)
Sampler Signature:

Project Name: GOODRICH - DELEVAN
Project #: GDR-006
Site/Location ID: BAMBERG State: SC
Report To: MIKE CROUCH
Invoice To: HART & HICKMAN, PC
Quote #: PO#:

TAT
X Standard
___ Rush (surcharges may apply)
Date Needed: STD. TAT
Fax Results: Y (N)

QC Deliverables
___ None
X Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other)	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	8260 VOCs (GC/MS LIST ONLY)									REMARKS
MW-1	10/20	1120	G		GW		3						✓	01								
MW-9	10/20	1150	G		GW		3						✓	02								
MW-10	10/20	1230	G		GW		3						✓	03								

Special Instructions:
PLEASE E-MAIL RESULT TO: mcrouch@harthickman.com

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	10/20	1557	[signature]	10/20	15:57
[signature]	10/20	15:57	[signature]		
			[signature]	10/21/06	800

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: -1.5
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

Appendix B

January 2007 Laboratory Analytical Data

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

January 19, 2007 4:16:25PM

Client: Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn: Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Nbr: GDR-006
P/O Nbr:
Date Received: 01/13/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-10	NQA1302-01	01/12/07 10:30
MW-9	NQA1302-02	01/12/07 11:45
MW-1	NQA1302-03	01/12/07 12:45

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

South Carolina Certification Number: DW:84009002; Other:84009001

The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainity is available upon request

This report has been electronically signed.

Report Approved By:

Andy Johnson

Andy Johnson

Operations Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA1302-01 (MW-10 - Water) Sampled: 01/12/07 10:30								
General Chemistry Parameters								
Chloride	**3.68**		mg/L	1.00	1	01/13/07 14:26	EPA 325.2	7011963
Sulfate	ND		mg/L	1.00	1	01/18/07 11:54	EPA 375.4	7012277
Total Organic Carbon	ND		mg/L	1.00	1	01/16/07 14:50	SW846 9060A	7012282
Nitrate as N	**0.218**		mg/L	0.100	1	01/13/07 14:59	EPA 353.2	7011963
Methane, Ethane, and Ethene by GC								
Methane	ND		ug/L	26.0	1	01/17/07 12:16	RSK 175	7012273
Surr: Acetylene (76-122%)	*100 %*					*01/17/07 12:16*	*RSK 175*	*7012273*
Volatile Organic Compounds by EPA Method 8260B								
Bromodichloromethane	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Bromoform	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Bromomethane	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Carbon Tetrachloride	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Chlorobenzene	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Chlorodibromomethane	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Chloroethane	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Chloroform	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Chloromethane	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
1,4-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
1,3-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
1,2-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
1,1-Dichloroethane	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
1,2-Dichloroethane	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
cis-1,2-Dichloroethene	**12.4**		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
1,1-Dichloroethene	**2.08**		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
1,2-Dichloropropane	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Methylene Chloride	ND		ug/L	5.00	1	01/14/07 13:16	SW846 8260B	7012189
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Tetrachloroethene	**2980**		ug/L	100	100	01/19/07 04:38	SW846 8260B	7012163
1,1,2-Trichloroethane	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
1,1,1-Trichloroethane	**1.22**		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Trichloroethene	**32.7**		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Trichlorofluoromethane	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Vinyl chloride	ND		ug/L	1.00	1	01/14/07 13:16	SW846 8260B	7012189
Surr: 1,2-Dichloroethane-d4 (62-142%)	*106 %*					*01/14/07 13:16*	*SW846 8260B*	*7012189*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*102 %*					*01/19/07 04:38*	*SW846 8260B*	*7012163*
Surr: Dibromofluoromethane (78-123%)	*99 %*					*01/14/07 13:16*	*SW846 8260B*	*7012189*
Surr: Dibromofluoromethane (78-123%)	*101 %*					*01/19/07 04:38*	*SW846 8260B*	*7012163*
Surr: Toluene-d8 (79-120%)	*107 %*					*01/14/07 13:16*	*SW846 8260B*	*7012189*
Surr: Toluene-d8 (79-120%)	*105 %*					*01/19/07 04:38*	*SW846 8260B*	*7012163*
Surr: 4-Bromofluorobenzene (75-133%)	*113 %*					*01/14/07 13:16*	*SW846 8260B*	*7012189*

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA1302-01RE1 (MW-10 - Water) - cont. Sampled: 01/12/07 10:30								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (75-133%)	*109 %*					*01/19/07 04:38*	*SW846 8260B*	*7012163*
Sample ID: NQA1302-02 (MW-9 - Water) Sampled: 01/12/07 11:45								
General Chemistry Parameters								
Chloride	**3.31**		mg/L	1.00	1	01/13/07 14:27	EPA 325.2	7011965
Sulfate	**1.78**		mg/L	1.00	1	01/18/07 11:54	EPA 375.4	7012777
Total Organic Carbon	ND		mg/L	1.00	1	01/16/07 14:50	SW846 9060A	7012282
Nitrate as N	**0.266**		mg/L	0.100	1	01/13/07 15:01	EPA 353.2	7011963
Methane, Ethane, and Ethene by GC								
Methane	**33.0**		ug/L	26.0	1	01/17/07 12:22	RSK 175	7012273
Surr: Acetylene (76-122%)	*100 %*					*01/17/07 12:22*	*RSK 175*	*7012273*
Volatile Organic Compounds by EPA Method 8260B								
Bromodichloromethane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Bromoform	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Bromomethane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Carbon Tetrachloride	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Chlorobenzene	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Chlorodibromomethane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Chloroethane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Chloroform	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Chloromethane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
1,4-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
1,3-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
1,2-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
1,1-Dichloroethane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
1,2-Dichloroethane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
cis-1,2-Dichloroethene	**442**		ug/L	10.0	10	01/19/07 05:01	SW846 8260B	7012163
1,1-Dichloroethene	**25.3**		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
trans-1,2-Dichloroethene	**1.97**		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
1,2-Dichloropropane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Methylene Chloride	ND		ug/L	5.00	1	01/14/07 12:52	SW846 8260B	7012189
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Tetrachloroethene	**5630**		ug/L	100	100	01/19/07 05:24	SW846 8260B	7012163
1,1,2-Trichloroethane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
1,1,1-Trichloroethane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Trichloroethene	**626**		ug/L	10.0	10	01/19/07 05:01	SW846 8260B	7012163
Trichlorofluoromethane	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Vinyl chloride	ND		ug/L	1.00	1	01/14/07 12:52	SW846 8260B	7012189
Surr: 1,2-Dichloroethane-d4 (62-142%)	*107 %*					*01/14/07 12:52*	*SW846 8260B*	*7012189*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*103 %*					*01/19/07 05:01*	*SW846 8260B*	*7012163*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*105 %*					*01/19/07 05:24*	*SW846 8260B*	*7012163*

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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA1302-02 (MW-9 - Water) - cont. Sampled: 01/12/07 11:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: Dibromofluoromethane (78-123%)	*98 %*					*01/14/07 12:52*	*SW846 8260B*	*7012189*
Surr: Dibromofluoromethane (78-123%)	*102 %*					*01/19/07 05:01*	*SW846 8260B*	*7012163*
Surr: Dibromofluoromethane (78-123%)	*103 %*					*01/19/07 05:24*	*SW846 8260B*	*7012163*
Surr: Toluene-d8 (79-120%)	*110 %*					*01/14/07 12:52*	*SW846 8260B*	*7012189*
Surr: Toluene-d8 (79-120%)	*104 %*					*01/19/07 05:01*	*SW846 8260B*	*7012163*
Surr: Toluene-d8 (79-120%)	*105 %*					*01/19/07 05:24*	*SW846 8260B*	*7012163*
Surr: 4-Bromofluorobenzene (75-133%)	*112 %*					*01/14/07 12:52*	*SW846 8260B*	*7012189*
Surr: 4-Bromofluorobenzene (75-133%)	*111 %*					*01/19/07 05:01*	*SW846 8260B*	*7012163*
Surr: 4-Bromofluorobenzene (75-133%)	*115 %*					*01/19/07 05:24*	*SW846 8260B*	*7012163*
Sample ID: NQA1302-03 (MW-1 - Water) Sampled: 01/12/07 12:45								
General Chemistry Parameters								
Chloride	**6.69**		mg/L	1.00	1	01/13/07 14:27	EPA 325.2	7011965
Sulfate	ND		mg/L	1.00	1	01/18/07 11:54	EPA 375.4	7012777
Total Organic Carbon	ND		mg/L	1.00	1	01/16/07 14:50	SW846 9060A	7012282
Nitrate as N	**1.37**		mg/L	0.100	1	01/13/07 15:02	EPA 353.2	7011963
Methane, Ethane, and Ethene by GC								
Methane	ND		ug/L	26.0	1	01/17/07 12:24	RSK 175	7012273
Surr. Acetylene (76-122%)	*95 %*					*01/17/07 12:24*	*RSK 175*	*7012273*
Volatile Organic Compounds by EPA Method 8260B								
Bromodichloromethane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Bromoform	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Bromomethane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Carbon Tetrachloride	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Chlorobenzene	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Chlorodibromomethane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Chloroethane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Chloroform	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Chloromethane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
1,4-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
1,3-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
1,2-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
1,1-Dichloroethane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
1,2-Dichloroethane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
cis-1,2-Dichloroethene	**23.1**		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
1,1-Dichloroethene	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
1,2-Dichloropropane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Methylene Chloride	ND		ug/L	5.00	1	01/14/07 10:07	SW846 8260B	7012189
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Tetrachloroethene	**6790**		ug/L	100	100	01/19/07 05:47	SW846 8260B	7012163

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ANALYTICAL TESTING CORPORATION
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Client	Hart & Hickman (2162)	Work Order:	NQA1302
	2923 South Tyron Street, Suite 100	Project Name:	Goodrich - Delavan
	Charlotte, NC 28203-5449	Project Number:	GDR-006
Attn	Mike Crouch	Received:	01/13/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA1302-03 (MW-1 - Water) - cont. Sampled: 01/12/07 12:45								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,1,2-Trichloroethane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
1,1,1-Trichloroethane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Trichloroethene	**85.6**		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Trichlorofluoromethane	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Vinyl chloride	ND		ug/L	1.00	1	01/14/07 10:07	SW846 8260B	7012189
Surr: 1,2-Dichloroethane-d4 (62-142%)	*105 %*					*01/14/07 10:07*	*SW846 8260B*	*7012189*
Surr: 1,2-Dichloroethane-d4 (62-142%)	*103 %*					*01/19/07 05:47*	*SW846 8260B*	*7012163*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*01/14/07 10:07*	*SW846 8260B*	*7012189*
Surr: Dibromofluoromethane (78-123%)	*102 %*					*01/19/07 05:47*	*SW846 8260B*	*7012163*
Surr: Toluene-d8 (79-120%)	*111 %*					*01/14/07 10:07*	*SW846 8260B*	*7012189*
Surr: Toluene-d8 (79-120%)	*104 %*					*01/19/07 05:47*	*SW846 8260B*	*7012163*
Surr: 4-Bromofluorobenzene (75-133%)	*110 %*					*01/14/07 10:07*	*SW846 8260B*	*7012189*
Surr: 4-Bromofluorobenzene (75-133%)	*115 %*					*01/19/07 05:47*	*SW846 8260B*	*7012163*

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ANALYTICAL TESTING CORPORATION
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Client	Hart & Hickman (2162) 2923 South Tyron Street, Suite 100 Charlotte, NC 28203-5449	Work Order:	NQA1302
		Project Name:	Goodrich - Delavan
		Project Number:	GDR-006
Attn	Mike Crouch	Received:	01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
7011963-BLK1						
Nitrate as N	<0.0500		mg/L	7011963	7011963-BLK1	01/13/07 14:57
7011965-BLK1						
Chloride	<0.500		mg/L	7011965	7011965-BLK1	01/13/07 14:12
7012282-BLK1						
Total Organic Carbon	<0.520		mg/L	7012282	7012282-BLK1	01/16/07 14:50
7012777-BLK1						
Sulfate	<0 620		mg/L	7012777	7012777-BLK1	01/18/07 11:54
Methane, Ethane, and Ethene by GC						
7012273-BLK1						
Methane	<15 0		ug/L	7012273	7012273-BLK1	01/17/07 11:56
Surrogate: Acetylene	104%			7012273	7012273-BLK1	01/17/07 11:56
Volatile Organic Compounds by EPA Method 8260B						
7012163-BLK1						
Bromodichloromethane	<0.390		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Bromoform	<0.540		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Bromomethane	<0.420		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Carbon Tetrachloride	<0.410		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Chlorobenzene	<0.340		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Chlorodibromomethane	<0.480		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Chloroethane	<0.350		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Chloroform	<0.510		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Chloromethane	<0.310		ug/L	7012163	7012163-BLK1	01/19/07 01:12
1,4-Dichlorobenzene	<0.360		ug/L	7012163	7012163-BLK1	01/19/07 01:12
1,3-Dichlorobenzene	<0.410		ug/L	7012163	7012163-BLK1	01/19/07 01:12
1,2-Dichlorobenzene	<0.440		ug/L	7012163	7012163-BLK1	01/19/07 01:12
1,1-Dichloroethane	<0.600		ug/L	7012163	7012163-BLK1	01/19/07 01:12
1,2-Dichloroethane	<0.460		ug/L	7012163	7012163-BLK1	01/19/07 01:12
cis-1,2-Dichloroethene	<0.540		ug/L	7012163	7012163-BLK1	01/19/07 01:12
1,1-Dichloroethene	<0.270		ug/L	7012163	7012163-BLK1	01/19/07 01:12
trans-1,2-Dichloroethene	<0.200		ug/L	7012163	7012163-BLK1	01/19/07 01:12
1,2-Dichloropropane	<0.370		ug/L	7012163	7012163-BLK1	01/19/07 01:12
cis-1,3-Dichloropropene	<0.330		ug/L	7012163	7012163-BLK1	01/19/07 01:12
trans-1,3-Dichloropropene	<0.310		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Methylene Chloride	<2.10		ug/L	7012163	7012163-BLK1	01/19/07 01:12
1,1,2,2-Tetrachloroethane	<0.270		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Tetrachloroethene	<0.320		ug/L	7012163	7012163-BLK1	01/19/07 01:12
1,1,2-Trichloroethane	<0.570		ug/L	7012163	7012163-BLK1	01/19/07 01:12

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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
7012163-BLK1						
1,1,1-Trichloroethane	<0.350		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Trichloroethene	<0.510		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Trichlorofluoromethane	<0.400		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Vinyl chloride	<0 260		ug/L	7012163	7012163-BLK1	01/19/07 01:12
Surrogate: 1,2-Dichloroethane-d4	102%			7012163	7012163-BLK1	01/19/07 01:12
Surrogate: Dibromofluoromethane	78%			7012163	7012163-BLK1	01/19/07 01:12
Surrogate: Toluene-d8	105%			7012163	7012163-BLK1	01/19/07 01:12
Surrogate: 4-Bromofluorobenzene	106%			7012163	7012163-BLK1	01/19/07 01:12
7012189-BLK1						
Acetone	<7.41		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Benzene	<0.330		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Bromobenzene	<0.450		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Bromochloromethane	<0.700		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Bromodichloromethane	<0.390		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Bromoform	<0 540		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Bromomethane	<0.420		ug/L	7012189	7012189-BLK1	01/14/07 09:43
2-Butanone	<3.06		ug/L	7012189	7012189-BLK1	01/14/07 09:43
sec-Butylbenzene	<0.260		ug/L	7012189	7012189-BLK1	01/14/07 09:43
n-Butylbenzene	<0.780		ug/L	7012189	7012189-BLK1	01/14/07 09:43
tert-Butylbenzene	<0.400		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Carbon disulfide	<0.230		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Carbon Tetrachloride	<0.410		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Chlorobenzene	<0.340		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Chlorodibromomethane	<0.480		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Chloroethane	<0.350		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Chloroform	<0.510		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Chloromethane	<0.310		ug/L	7012189	7012189-BLK1	01/14/07 09:43
2-Chlorotoluene	<0.210		ug/L	7012189	7012189-BLK1	01/14/07 09:43
4-Chlorotoluene	<0.410		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2-Dibromo-3-chloropropane	<1.01		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2-Dibromoethane (EDB)	<0.320		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Dibromomethane	<0.430		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,4-Dichlorobenzene	<0.360		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,3-Dichlorobenzene	<0.410		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2-Dichlorobenzene	<0.440		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Dichlorodifluoromethane	<0.290		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1-Dichloroethane	<0.600		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2-Dichloroethane	<0.460		ug/L	7012189	7012189-BLK1	01/14/07 09:43
cis-1,2-Dichloroethene	<0.540		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1-Dichloroethene	<0.270		ug/L	7012189	7012189-BLK1	01/14/07 09:43
trans-1,2-Dichloroethene	<0 200		ug/L	7012189	7012189-BLK1	01/14/07 09:43

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ANALYTICAL TESTING CORPORATION
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Client	Hart & Hickman (2162)	Work Order:	NQA1302
	2923 South Tyron Street, Suite 100	Project Name:	Goodrich - Delavan
	Charlotte, NC 28203-5449	Project Number:	GDR-006
Attn	Mike Crouch	Received:	01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q C Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
7012189-BLK1						
1,3-Dichloropropane	<0 480		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2-Dichloropropane	<0.370		ug/L	7012189	7012189-BLK1	01/14/07 09:43
2,2-Dichloropropane	<0.370		ug/L	7012189	7012189-BLK1	01/14/07 09:43
cis-1,3-Dichloropropene	<0.330		ug/L	7012189	7012189-BLK1	01/14/07 09:43
trans-1,3-Dichloropropene	<0.310		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1-Dichloropropene	<0.280		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Ethylbenzene	<0.420		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Hexachlorobutadiene	<0.660		ug/L	7012189	7012189-BLK1	01/14/07 09:43
2-Hexanone	<2.19		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Isopropylbenzene	<0.410		ug/L	7012189	7012189-BLK1	01/14/07 09:43
p-Isopropyltoluene	<0.320		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Methyl tert-Butyl Ether	<0.310		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Methylene Chloride	<2.10		ug/L	7012189	7012189-BLK1	01/14/07 09:43
4-Methyl-2-pentanone	<4.15		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Naphthalene	<0.650		ug/L	7012189	7012189-BLK1	01/14/07 09:43
n-Propylbenzene	<0.350		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Styrene	<0.390		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1,1,2-Tetrachloroethane	<0.470		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1,2,2-Tetrachloroethane	<0.270		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Tetrachloroethene	<0.320		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Toluene	<0.420		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2,3-Trichlorobenzene	<0.620		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2,4-Trichlorobenzene	<0.620		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1,2-Trichloroethane	<0.570		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1,1-Trichloroethane	<0.350		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Trichloroethene	<0.510		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Trichlorofluoromethane	<0.400		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2,3-Trichloropropane	<0.520		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,3,5-Trimethylbenzene	<0.240		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2,4-Trimethylbenzene	<0.350		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Vinyl chloride	<0.260		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Xylenes, total	<0.450		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Surrogate: 1,2-Dichloroethane-d4	105%			7012189	7012189-BLK1	01/14/07 09:43
Surrogate: Dibromofluoromethane	99%			7012189	7012189-BLK1	01/14/07 09:43
Surrogate: Toluene-d8	105%			7012189	7012189-BLK1	01/14/07 09:43
Surrogate: 4-Bromofluorobenzene	113%			7012189	7012189-BLK1	01/14/07 09:43

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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters									
7011963-DUP1									
Nitrate as N	1.37	1.37		mg/L	0	20	7011963	NQA1302-03	01/13/07 15:03
7011965-DUP1									
Chloride	6.69	6.76		mg/L	1	10	7011965	NQA1302-03	01/13/07 14:27
7012282-DUP1									
Total Organic Carbon	67.5	67.1		mg/L	0.6	20	7012282	NQA1349-01	01/16/07 14:50
7012777-DUP1									
Sulfate	29.3	28 9		mg/L	1	10	7012777	NQA1661-17	01/18/07 11:54

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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
7011963-BS1								
Nitrate as N	6.00	6.37		mg/L	106%	90 - 110	7011963	01/13/07 14:58
7011965-BS1								
Chloride	10.0	9.90		ug/mL	99%	90 - 109	7011965	01/13/07 14:12
7012282-BS1								
Total Organic Carbon	200	206		ug/mL	103%	90 - 110	7012282	01/16/07 14:50
7012777-BS1								
Sulfate	10.0	9.88		ug/mL	99%	90 - 110	7012777	01/18/07 11:54
Methane, Ethane, and Ethene by GC								
7012273-BS1								
Methane	1330	1460		ug/L	110%	85 - 120	7012273	01/17/07 12:12
Surrogate: Acetylene	4320	3700			86%	76 - 122	7012273	01/17/07 12:12
Volatile Organic Compounds by EPA Method 8260B								
7012163-BS1								
Bromodichloromethane	50.0	50.4		ug/L	101%	71 - 134	7012163	01/19/07 00:26
Bromoform	50.0	48.4		ug/L	97%	49 - 129	7012163	01/19/07 00:26
Bromomethane	50.0	94.9	L	ug/L	190%	42 - 154	7012163	01/19/07 00:26
Carbon Tetrachloride	50.0	46.9		ug/L	94%	62 - 142	7012163	01/19/07 00:26
Chlorobenzene	50.0	52.9		ug/L	106%	82 - 125	7012163	01/19/07 00:26
Chlorodibromomethane	50.0	50.1		ug/L	100%	67 - 135	7012163	01/19/07 00:26
Chloroethane	50.0	57.4		ug/L	115%	57 - 138	7012163	01/19/07 00:26
Chloroform	50.0	52.2		ug/L	104%	75 - 122	7012163	01/19/07 00:26
Chloromethane	50.0	48.3		ug/L	97%	31 - 147	7012163	01/19/07 00:26
1,4-Dichlorobenzene	50.0	52.3		ug/L	105%	79 - 125	7012163	01/19/07 00:26
1,3-Dichlorobenzene	50.0	54.9		ug/L	110%	77 - 132	7012163	01/19/07 00:26
1,2-Dichlorobenzene	50.0	54.1		ug/L	108%	82 - 133	7012163	01/19/07 00:26
1,1-Dichloroethane	50.0	53.3		ug/L	107%	79 - 120	7012163	01/19/07 00:26
1,2-Dichloroethane	50.0	52.3		ug/L	105%	64 - 134	7012163	01/19/07 00:26
cis-1,2-Dichloroethene	50.0	53.8		ug/L	108%	71 - 126	7012163	01/19/07 00:26
1,1-Dichloroethene	50.0	51.8		ug/L	104%	71 - 123	7012163	01/19/07 00:26
trans-1,2-Dichloroethene	50.0	52.8		ug/L	106%	74 - 127	7012163	01/19/07 00:26
1,2-Dichloropropane	50.0	52.8		ug/L	106%	73 - 120	7012163	01/19/07 00:26
cis-1,3-Dichloropropene	50.0	63.1		ug/L	126%	70 - 135	7012163	01/19/07 00:26
trans-1,3-Dichloropropene	50.0	60.4		ug/L	121%	61 - 124	7012163	01/19/07 00:26
Methylene Chloride	50.0	48.6		ug/L	97%	75 - 127	7012163	01/19/07 00:26
1,1,2,2-Tetrachloroethane	50.0	55.3		ug/L	111%	71 - 137	7012163	01/19/07 00:26
Tetrachloroethene	50.0	51.5		ug/L	103%	70 - 131	7012163	01/19/07 00:26
1,1,2-Trichloroethane	50.0	54.8		ug/L	110%	81 - 127	7012163	01/19/07 00:26

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ANALYTICAL TESTING CORPORATION
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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
7012163-BS1								
1,1,1-Trichloroethane	50.0	54.2		ug/L	108%	69 - 128	7012163	01/19/07 00:26
Trichloroethene	50.0	51.8		ug/L	104%	73 - 133	7012163	01/19/07 00:26
Trichlorofluoromethane	50.0	44.7		ug/L	89%	49 - 139	7012163	01/19/07 00:26
Vinyl chloride	50.0	51.3		ug/L	103%	54 - 137	7012163	01/19/07 00:26
Surrogate: 1,2-Dichloroethane-d4	50.0	51.7			103%	62 - 142	7012163	01/19/07 00:26
Surrogate: Dibromofluoromethane	50.0	52.1			104%	78 - 123	7012163	01/19/07 00:26
Surrogate: Toluene-d8	50.0	51.2			102%	79 - 120	7012163	01/19/07 00:26
Surrogate: 4-Bromofluorobenzene	50.0	50.8			102%	75 - 133	7012163	01/19/07 00:26
7012189-BS1								
Acetone	250	236		ug/L	94%	63 - 147	7012189	01/14/07 08:32
Benzene	50.0	45.1		ug/L	90%	78 - 125	7012189	01/14/07 08:32
Bromobenzene	50.0	50.4		ug/L	101%	71 - 142	7012189	01/14/07 08:32
Bromochloromethane	50 0	46.4		ug/L	93%	76 - 129	7012189	01/14/07 08:32
Bromodichloromethane	50.0	51 0		ug/L	102%	71 - 134	7012189	01/14/07 08:32
Bromoform	50 0	46.5		ug/L	93%	49 - 129	7012189	01/14/07 08:32
Bromomethane	50.0	34.7		ug/L	69%	42 - 154	7012189	01/14/07 08:32
2-Butanone	250	240		ug/L	96%	74 - 130	7012189	01/14/07 08:32
sec-Butylbenzene	50.0	50.9		ug/L	102%	78 - 129	7012189	01/14/07 08:32
n-Butylbenzene	50.0	43.8		ug/L	88%	68 - 138	7012189	01/14/07 08:32
tert-Butylbenzene	50.0	50.9		ug/L	102%	79 - 128	7012189	01/14/07 08:32
Carbon disulfide	50.0	51.7		ug/L	103%	65 - 122	7012189	01/14/07 08:32
Carbon Tetrachloride	50.0	42.1		ug/L	84%	62 - 142	7012189	01/14/07 08:32
Chlorobenzene	50.0	44.5		ug/L	89%	82 - 125	7012189	01/14/07 08:32
Chlorodibromomethane	50.0	47.3		ug/L	95%	67 - 135	7012189	01/14/07 08:32
Chloroethane	50.0	41.2		ug/L	82%	57 - 138	7012189	01/14/07 08:32
Chloroform	50.0	46.0		ug/L	92%	75 - 122	7012189	01/14/07 08:32
Chloromethane	50.0	33.2		ug/L	66%	31 - 147	7012189	01/14/07 08:32
2-Chlorotoluene	50 0	49.4		ug/L	99%	74 - 135	7012189	01/14/07 08:32
4-Chlorotoluene	50.0	47.7		ug/L	95%	74 - 133	7012189	01/14/07 08:32
1,2-Dibromo-3-chloropropane	50.0	50.0		ug/L	100%	45 - 140	7012189	01/14/07 08:32
1,2-Dibromoethane (EDB)	50.0	52.6		ug/L	105%	80 - 132	7012189	01/14/07 08:32
Dibromomethane	50.0	43.8		ug/L	88%	69 - 132	7012189	01/14/07 08:32
1,4-Dichlorobenzene	50.0	44.4		ug/L	89%	79 - 125	7012189	01/14/07 08:32
1,3-Dichlorobenzene	50.0	46.0		ug/L	92%	77 - 132	7012189	01/14/07 08:32
1,2-Dichlorobenzene	50.0	48.7		ug/L	97%	82 - 133	7012189	01/14/07 08:32
Dichlorodifluoromethane	50.0	24.1		ug/L	48%	34 - 120	7012189	01/14/07 08:32
1,1-Dichloroethane	50.0	47.5		ug/L	95%	79 - 120	7012189	01/14/07 08:32
1,2-Dichloroethane	50.0	45.0		ug/L	90%	64 - 134	7012189	01/14/07 08:32
cis-1,2-Dichloroethene	50.0	46.3		ug/L	93%	71 - 126	7012189	01/14/07 08:32
1,1-Dichloroethene	50.0	51.8		ug/L	104%	71 - 123	7012189	01/14/07 08:32
trans-1,2-Dichloroethene	50.0	48.2		ug/L	96%	74 - 127	7012189	01/14/07 08:32

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ANALYTICAL TESTING CORPORATION
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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
7012189-BS1								
1,3-Dichloropropane	50 0	49 1		ug/L	98%	80 - 128	7012189	01/14/07 08:3
1,2-Dichloropropane	50.0	43.7		ug/L	87%	73 - 120	7012189	01/14/07 08:32
2,2-Dichloropropane	50.0	33.7		ug/L	67%	25 - 156	7012189	01/14/07 08:32
cis-1,3-Dichloropropene	50.0	49.7		ug/L	99%	70 - 135	7012189	01/14/07 08:3
trans-1,3-Dichloropropene	50.0	48.8		ug/L	98%	61 - 124	7012189	01/14/07 08:32
1,1-Dichloropropene	50.0	46.6		ug/L	93%	79 - 138	7012189	01/14/07 08:32
Ethylbenzene	50.0	47.5		ug/L	95%	73 - 134	7012189	01/14/07 08:3
Hexachlorobutadiene	50.0	51.3		ug/L	103%	58 - 145	7012189	01/14/07 08:3
2-Hexanone	250	286		ug/L	114%	72 - 136	7012189	01/14/07 08:32
Isopropylbenzene	50.0	47.0		ug/L	94%	74 - 121	7012189	01/14/07 08:3
p-Isopropyltoluene	50.0	49.3		ug/L	99%	70 - 133	7012189	01/14/07 08:3
Methyl tert-Butyl Ether	50.0	51.0		ug/L	102%	69 - 122	7012189	01/14/07 08:32
Methylene Chloride	50.0	49.6		ug/L	99%	75 - 127	7012189	01/14/07 08:32
4-Methyl-2-pentanone	250	290		ug/L	116%	77 - 132	7012189	01/14/07 08:3
Naphthalene	50.0	44 4		ug/L	89%	65 - 145	7012189	01/14/07 08:3
n-Propylbenzene	50.0	48.9		ug/L	98%	76 - 133	7012189	01/14/07 08:32
Styrene	50.0	59.4		ug/L	119%	80 - 145	7012189	01/14/07 08:3
1,1,1,2-Tetrachloroethane	50.0	53.9		ug/L	108%	72 - 136	7012189	01/14/07 08:3
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/L	98%	71 - 137	7012189	01/14/07 08:32
Tetrachloroethene	50.0	45.0		ug/L	90%	70 - 131	7012189	01/14/07 08:32
Toluene	50.0	46.2		ug/L	92%	78 - 122	7012189	01/14/07 08:3
1,2,3-Trichlorobenzene	50.0	39.2		ug/L	78%	60 - 144	7012189	01/14/07 08:32
1,2,4-Trichlorobenzene	50.0	43.4		ug/L	87%	63 - 140	7012189	01/14/07 08:32
1,1,2-Trichloroethane	50.0	49.8		ug/L	100%	81 - 127	7012189	01/14/07 08:3
1,1,1-Trichloroethane	50 0	49.1		ug/L	98%	69 - 128	7012189	01/14/07 08:3
Trichloroethene	50.0	46.8		ug/L	94%	73 - 133	7012189	01/14/07 08:32
Trichlorofluoromethane	50.0	36 4		ug/L	73%	49 - 139	7012189	01/14/07 08:3
1,2,3-Trichloropropane	50.0	51.2		ug/L	102%	52 - 151	7012189	01/14/07 08:3
1,3,5-Trimethylbenzene	50.0	50.1		ug/L	100%	72 - 136	7012189	01/14/07 08:32
1,2,4-Trimethylbenzene	50.0	50.9		ug/L	102%	73 - 134	7012189	01/14/07 08:32
Vinyl chloride	50.0	46.0		ug/L	92%	54 - 137	7012189	01/14/07 08:3
Xylenes, total	150	146		ug/L	97%	79 - 130	7012189	01/14/07 08:32
Surrogate: 1,2-Dichloroethane-d4	50.0	54.1			108%	62 - 142	7012189	01/14/07 08:32
Surrogate: Dibromofluoromethane	50.0	50.2			100%	78 - 123	7012189	01/14/07 08:3
Surrogate: Toluene-d8	50.0	52.8			106%	79 - 120	7012189	01/14/07 08:3
Surrogate: 4-Bromofluorobenzene	50 0	54.7			109%	75 - 133	7012189	01/14/07 08:32

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
7011965-BSD1												
Chloride		10.1		ug/mL	10 0	101%	90 - 109	2	10	7011965		01/13/07 14:27

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
General Chemistry Parameters										
7011963-MS1										
Nitrate as N	0.218	6.58		mg/L	6.00	106%	90 - 110	7011963	NQA1302-01	01/13/07 15:0
7011965-MS1										
Chloride	1190	0.00	MHA	ug/mL	10.0	-11900%	88 - 116	7011965	NQA0904-01	01/13/07 14:2
7012282-MS1										
Total Organic Carbon	0.766	23.9		ug/mL	20.0	116%	78 - 126	7012282	NQA1302-01	01/16/07 14:5
7012777-MS1										
Sulfate	0.980	11.0		ug/mL	10.0	100%	70 - 120	7012777	NQA1302-01	01/18/07 11:54
Methane, Ethane, and Ethene by GC										
7012273-MS1										
Methane	ND	1530		ug/L	1330	115%	60 - 141	7012273	NQA1352-01	01/17/07 12:0
Surrogate: Acetylene		2100		ug/L	2160	97%	76 - 122	7012273	NQA1352-01	01/17/07 12:02
Volatile Organic Compounds by EPA Method 8260B										
7012189-MS1										
Acetone	2.50	161		ug/L	250	63%	56 - 147	7012189	NQA1311-02	01/14/07 17:13
Benzene	ND	50.2		ug/L	50.0	100%	74 - 130	7012189	NQA1311-02	01/14/07 17:1
Bromobenzene	ND	51.0		ug/L	50.0	102%	71 - 142	7012189	NQA1311-02	01/14/07 17:1
Bromochloromethane	ND	50.9		ug/L	50.0	102%	71 - 137	7012189	NQA1311-02	01/14/07 17:13
Bromodichloromethane	ND	51.5		ug/L	50.0	103%	66 - 145	7012189	NQA1311-02	01/14/07 17:1
Bromoform	ND	44 2		ug/L	50.0	88%	41 - 129	7012189	NQA1311-02	01/14/07 17:1
Bromomethane	ND	17.1		ug/L	50.0	34%	21 - 173	7012189	NQA1311-02	01/14/07 17:13
2-Butanone	ND	227		ug/L	250	91%	62 - 142	7012189	NQA1311-02	01/14/07 17:1
sec-Butylbenzene	ND	56.1		ug/L	50.0	112%	62 - 146	7012189	NQA1311-02	01/14/07 17:1
n-Butylbenzene	ND	50.4		ug/L	50.0	101%	58 - 150	7012189	NQA1311-02	01/14/07 17:13
tert-Butylbenzene	ND	54.6		ug/L	50.0	109%	68 - 143	7012189	NQA1311-02	01/14/07 17:1
Carbon disulfide	ND	65.8		ug/L	50.0	132%	38 - 149	7012189	NQA1311-02	01/14/07 17:1
Carbon Tetrachloride	ND	33.9		ug/L	50.0	68%	60 - 153	7012189	NQA1311-02	01/14/07 17:13
Chlorobenzene	ND	48.2		ug/L	50.0	96%	78 - 131	7012189	NQA1311-02	01/14/07 17:1
Chlorodibromomethane	ND	64.5		ug/L	50.0	129%	59 - 137	7012189	NQA1311-02	01/14/07 17:1
Chloroethane	ND	26.3	M8	ug/L	50.0	53%	57 - 150	7012189	NQA1311-02	01/14/07 17:13
Chloroform	ND	31.6	M8	ug/L	50.0	63%	69 - 135	7012189	NQA1311-02	01/14/07 17:1
Chloromethane	ND	35.0		ug/L	50 0	70%	22 - 154	7012189	NQA1311-02	01/14/07 17:1
2-Chlorotoluene	ND	52.8		ug/L	50.0	106%	78 - 138	7012189	NQA1311-02	01/14/07 17:13
4-Chlorotoluene	ND	51.9		ug/L	50.0	104%	73 - 139	7012189	NQA1311-02	01/14/07 17:1
1,2-Dibromo-3-chloropropane	ND	47.9		ug/L	50.0	96%	43 - 140	7012189	NQA1311-02	01/14/07 17:1

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Attn Mike Crouch

Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
7012189-MS1										
1,2-Dibromoethane (EDB)	ND	51.2		ug/L	50.0	102%	79 - 132	7012189	NQA1311-02	01/14/07 17:13
Dibromomethane	ND	42.0		ug/L	50.0	84%	66 - 137	7012189	NQA1311-02	01/14/07 17:13
1,4-Dichlorobenzene	ND	47.3		ug/L	50.0	95%	72 - 130	7012189	NQA1311-02	01/14/07 17:13
1,3-Dichlorobenzene	ND	50.5		ug/L	50.0	101%	75 - 134	7012189	NQA1311-02	01/14/07 17:13
1,2-Dichlorobenzene	ND	51.2		ug/L	50.0	102%	80 - 133	7012189	NQA1311-02	01/14/07 17:13
Dichlorodifluoromethane	ND	13.7		ug/L	50.0	27%	19 - 126	7012189	NQA1311-02	01/14/07 17:13
1,1-Dichloroethane	ND	31.9	M8	ug/L	50.0	64%	74 - 133	7012189	NQA1311-02	01/14/07 17:13
1,2-Dichloroethane	2.27	44.7		ug/L	50.0	85%	55 - 148	7012189	NQA1311-02	01/14/07 17:13
cis-1,2-Dichloroethene	ND	53.6		ug/L	50.0	107%	69 - 135	7012189	NQA1311-02	01/14/07 17:13
1,1-Dichloroethene	ND	29.3	M8	ug/L	50.0	59%	66 - 140	7012189	NQA1311-02	01/14/07 17:13
trans-1,2-Dichloroethene	ND	58 2		ug/L	50.0	116%	68 - 142	7012189	NQA1311-02	01/14/07 17:13
1,3-Dichloropropane	ND	69.2	M7	ug/L	50.0	138%	78 - 128	7012189	NQA1311-02	01/14/07 17:13
1,2-Dichloropropane	ND	50.1		ug/L	50.0	100%	73 - 128	7012189	NQA1311-02	01/14/07 17:13
2,2-Dichloropropane	ND	20 8		ug/L	50.0	42%	25 - 156	7012189	NQA1311-02	01/14/07 17:13
cis-1,3-Dichloropropene	1.14	71 0	M7	ug/L	50.0	140%	62 - 135	7012189	NQA1311-02	01/14/07 17:13
trans-1,3-Dichloropropene	1.91	68.6	M7	ug/L	50.0	133%	54 - 124	7012189	NQA1311-02	01/14/07 17:13
1,1-Dichloropropene	ND	53.3		ug/L	50.0	107%	72 - 138	7012189	NQA1311-02	01/14/07 17:13
Ethylbenzene	ND	52.2		ug/L	50.0	104%	70 - 143	7012189	NQA1311-02	01/14/07 17:13
Hexachlorobutadiene	ND	50.6		ug/L	50.0	101%	41 - 156	7012189	NQA1311-02	01/14/07 17:13
2-Hexanone	ND	404	M7	ug/L	250	162%	67 - 142	7012189	NQA1311-02	01/14/07 17:13
Isopropylbenzene	ND	55.8		ug/L	50.0	112%	63 - 143	7012189	NQA1311-02	01/14/07 17:13
p-Isopropyltoluene	ND	57.6		ug/L	50.0	115%	52 - 156	7012189	NQA1311-02	01/14/07 17:13
Methyl tert-Butyl Ether	ND	56.4		ug/L	50.0	113%	62 - 135	7012189	NQA1311-02	01/14/07 17:13
Methylene Chloride	ND	59.5		ug/L	50.0	119%	71 - 130	7012189	NQA1311-02	01/14/07 17:13
4-Methyl-2-pentanone	8.01	414	M7	ug/L	250	162%	74 - 139	7012189	NQA1311-02	01/14/07 17:13
Naphthalene	1.83	42.0		ug/L	50.0	80%	40 - 161	7012189	NQA1311-02	01/14/07 17:13
n-Propylbenzene	ND	54.7		ug/L	50.0	109%	67 - 146	7012189	NQA1311-02	01/14/07 17:13
Styrene	ND	51.4		ug/L	50.0	103%	39 - 162	7012189	NQA1311-02	01/14/07 17:13
1,1,1,2-Tetrachloroethane	ND	57.6		ug/L	50.0	115%	72 - 139	7012189	NQA1311-02	01/14/07 17:13
1,1,2,2-Tetrachloroethane	ND	48.7		ug/L	50.0	97%	71 - 139	7012189	NQA1311-02	01/14/07 17:13
Tetrachloroethene	4.44	73.7		ug/L	50.0	139%	64 - 143	7012189	NQA1311-02	01/14/07 17:13
Toluene	ND	71.5	M7	ug/L	50.0	143%	70 - 137	7012189	NQA1311-02	01/14/07 17:13
1,2,3-Trichlorobenzene	0.890	36.8		ug/L	50.0	72%	45 - 150	7012189	NQA1311-02	01/14/07 17:13
1,2,4-Trichlorobenzene	2.00	44.8		ug/L	50.0	86%	51 - 144	7012189	NQA1311-02	01/14/07 17:13
1,1,2-Trichloroethane	ND	69.2	M7	ug/L	50.0	138%	76 - 132	7012189	NQA1311-02	01/14/07 17:13
1,1,1-Trichloroethane	ND	22.1	M8	ug/L	50.0	44%	65 - 143	7012189	NQA1311-02	01/14/07 17:13
Trichloroethene	ND	49.8		ug/L	50.0	100%	70 - 137	7012189	NQA1311-02	01/14/07 17:13

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Work Order: NQA1302
Project Name: Goodrich - Delavan
Project Number: GDR-006
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
7012189-MS1										
Trichlorofluoromethane	ND	18.9	M8	ug/L	50.0	38%	49 - 159	7012189	NQA1311-02	01/14/07 17:1
1,2,3-Trichloropropane	ND	70.7	M7	ug/L	50.0	141%	63 - 135	7012189	NQA1311-02	01/14/07 17:1
1,3,5-Trimethylbenzene	ND	54.8		ug/L	50.0	110%	36 - 162	7012189	NQA1311-02	01/14/07 17:13
1,2,4-Trimethylbenzene	ND	55.0		ug/L	50.0	110%	49 - 152	7012189	NQA1311-02	01/14/07 17:1
Vinyl chloride	ND	35.1		ug/L	50.0	70%	49 - 148	7012189	NQA1311-02	01/14/07 17:1
Xylenes, total	ND	160		ug/L	150	107%	62 - 147	7012189	NQA1311-02	01/14/07 17:13
Surrogate: 1,2-Dichloroethane-d4		34.6		ug/L	50.0	69%	62 - 142	7012189	NQA1311-02	01/14/07 17:1
Surrogate: Dibromofluoromethane		33.6	Z6	ug/L	50.0	67%	78 - 123	7012189	NQA1311-02	01/14/07 17:1
Surrogate: Toluene-d8		73.5	Z1	ug/L	50.0	147%	79 - 120	7012189	NQA1311-02	01/14/07 17:13
Surrogate: 4-Bromofluorobenzene		53.4		ug/L	50.0	107%	75 - 133	7012189	NQA1311-02	01/14/07 17:1

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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup

Analyte	Orig. Val	Duplicate	Q	Units	Spike Conc	% Rec	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
7011963-MSD1												
Nitrate as N	0.218	6.49		mg/L	6 00	105%	90 - 110	1	20	7011963	NQA1302-01	01/13/07 15:01
7011965-MSD1												
Chloride	1190	0.00	MHA	ug/mL	10.0	11900%	88 - 116		10	7011965	NQA0904-01	01/13/07 14:27
7012282-MSD1												
Total Organic Carbon	0 766	38.4	M7, R2	ug/mL	20 0	188%	78 - 126	47	20	7012282	NQA1302-01	01/16/07 14:50
7012777-MSD1												
Sulfate	0.980	11.2		ug/mL	10.0	102%	70 - 120	2	10	7012777	NQA1302-01	01/18/07 11:54
Methane, Ethane, and Ethene by GC												
7012273-MSD1												
Methane	ND	1520		ug/L	1330	114%	60 - 141	0.7	29	7012273	NQA1352-01	01/17/07 12:04
Surrogate: Acetylene		2100		ug/L	2160	97%	76 - 122			7012273	NQA1352-01	01/17/07 12:04
Volatile Organic Compounds by EPA Method 8260B												
7012189-MSD1												
Acetone	2.50	131	M8	ug/L	250	51%	56 - 147	21	22	7012189	NQA1311-02	01/14/07 17:36
Benzene	ND	48.0		ug/L	50.0	96%	74 - 130	4	15	7012189	NQA1311-02	01/14/07 17:36
Bromobenzene	ND	49.6		ug/L	50.0	99%	71 - 142	3	17	7012189	NQA1311-02	01/14/07 17:36
Bromochloromethane	ND	46.2		ug/L	50.0	92%	71 - 137	10	15	7012189	NQA1311-02	01/14/07 17:36
Bromodichloromethane	ND	48.9		ug/L	50 0	98%	66 - 145	5	17	7012189	NQA1311-02	01/14/07 17:36
Bromoform	ND	44.3		ug/L	50.0	89%	41 - 129	0.2	19	7012189	NQA1311-02	01/14/07 17:36
Bromomethane	ND	12.6		ug/L	50 0	25%	21 - 173	30	41	7012189	NQA1311-02	01/14/07 17:36
2-Butanone	ND	227		ug/L	250	91%	62 - 142	0	17	7012189	NQA1311-02	01/14/07 17:36
sec-Butylbenzene	ND	55.4		ug/L	50.0	111%	62 - 146	1	21	7012189	NQA1311-02	01/14/07 17:36
n-Butylbenzene	ND	50.9		ug/L	50.0	102%	58 - 150	1	23	7012189	NQA1311-02	01/14/07 17:36
tert-Butylbenzene	ND	54.0		ug/L	50.0	108%	68 - 143	1	20	7012189	NQA1311-02	01/14/07 17:36
Carbon disulfide	ND	55.8		ug/L	50 0	112%	38 - 149	16	50	7012189	NQA1311-02	01/14/07 17:36
Carbon Tetrachloride	ND	37.1		ug/L	50.0	74%	60 - 153	9	18	7012189	NQA1311-02	01/14/07 17:36
Chlorobenzene	ND	46.7		ug/L	50 0	93%	78 - 131	3	15	7012189	NQA1311-02	01/14/07 17:36
Chlorodibromomethane	ND	46.1	R2	ug/L	50.0	92%	59 - 137	33	18	7012189	NQA1311-02	01/14/07 17:36
Chloroethane	ND	32.7		ug/L	50.0	65%	57 - 150	22	36	7012189	NQA1311-02	01/14/07 17:36
Chloroform	ND	48.0	R2	ug/L	50.0	96%	69 - 135	41	16	7012189	NQA1311-02	01/14/07 17:36
Chloromethane	ND	49.7		ug/L	50.0	99%	22 - 154	35	46	7012189	NQA1311-02	01/14/07 17:36
2-Chlorotoluene	ND	51.1		ug/L	50.0	102%	78 - 138	3	17	7012189	NQA1311-02	01/14/07 17:36
4-Chlorotoluene	ND	50.7		ug/L	50.0	101%	73 - 139	2	16	7012189	NQA1311-02	01/14/07 17:36
1,2-Dibromo-3-chloropropane	ND	46.4		ug/L	50.0	93%	43 - 140	3	20	7012189	NQA1311-02	01/14/07 17:36
1,2-Dibromoethane (EDB)	ND	49.3		ug/L	50 0	99%	79 - 132	4	16	7012189	NQA1311-02	01/14/07 17:36
Dibromomethane	ND	39.4		ug/L	50.0	79%	66 - 137	6	16	7012189	NQA1311-02	01/14/07 17:36
1,4-Dichlorobenzene	ND	47.8		ug/L	50 0	96%	72 - 130	1	16	7012189	NQA1311-02	01/14/07 17:36

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Project Name: Goodrich - Delavan
Project Number: GDR-006
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PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
7012189-MSD1												
1,3-Dichlorobenzene	ND	49.1		ug/L	50 0	98%	75 - 134	3	17	7012189	NQA1311-02	01/14/07 17:36
1,2-Dichlorobenzene	ND	49.6		ug/L	50 0	99%	80 - 133	3	16	7012189	NQA1311-02	01/14/07 17:36
Dichlorodifluoromethane	ND	15.4		ug/L	50.0	31%	19 - 126	12	21	7012189	NQA1311-02	01/14/07 17:36
1,1-Dichloroethane	ND	53.6	R2	ug/L	50.0	107%	74 - 133	51	17	7012189	NQA1311-02	01/14/07 17:36
1,2-Dichloroethane	2.27	42.3		ug/L	50 0	80%	55 - 148	6	19	7012189	NQA1311-02	01/14/07 17:36
cis-1,2-Dichloroethene	ND	50.1		ug/L	50 0	100%	69 - 135	7	16	7012189	NQA1311-02	01/14/07 17:36
1,1-Dichloroethene	ND	42.6	R2	ug/L	50.0	85%	66 - 140	37	34	7012189	NQA1311-02	01/14/07 17:36
trans-1,2-Dichloroethene	ND	54.7		ug/L	50 0	109%	68 - 142	6	21	7012189	NQA1311-02	01/14/07 17:36
1,3-Dichloropropane	ND	45.8	R2	ug/L	50 0	92%	78 - 128	41	16	7012189	NQA1311-02	01/14/07 17:36
1,2-Dichloropropane	ND	47.6		ug/L	50 0	95%	73 - 128	5	15	7012189	NQA1311-02	01/14/07 17:36
2,2-Dichloropropane	ND	36.7	R2	ug/L	50 0	73%	25 - 156	55	16	7012189	NQA1311-02	01/14/07 17:36
cis-1,3-Dichloropropene	1.14	69.3	M7	ug/L	50 0	136%	62 - 135	2	19	7012189	NQA1311-02	01/14/07 17:36
trans-1,3-Dichloropropene	1.91	59.4		ug/L	50 0	115%	54 - 124	14	19	7012189	NQA1311-02	01/14/07 17:36
1,1-Dichloropropene	ND	51.1		ug/L	50.0	102%	72 - 138	4	17	7012189	NQA1311-02	01/14/07 17:36
Ethylbenzene	ND	50.8		ug/L	50.0	102%	70 - 143	3	15	7012189	NQA1311-02	01/14/07 17:36
Hexachlorobutadiene	ND	57.9		ug/L	50.0	116%	41 - 156	13	35	7012189	NQA1311-02	01/14/07 17:36
2-Hexanone	ND	270	R2	ug/L	250	108%	67 - 142	40	18	7012189	NQA1311-02	01/14/07 17:36
Isopropylbenzene	ND	54.8		ug/L	50 0	110%	63 - 143	2	17	7012189	NQA1311-02	01/14/07 17:36
p-Isopropyltoluene	ND	57.2		ug/L	50 0	114%	52 - 156	0.7	21	7012189	NQA1311-02	01/14/07 17:36
Methyl tert-Butyl Ether	ND	53.5		ug/L	50.0	107%	62 - 135	5	16	7012189	NQA1311-02	01/14/07 17:36
Methylene Chloride	ND	53.4		ug/L	50.0	107%	71 - 130	11	19	7012189	NQA1311-02	01/14/07 17:36
4-Methyl-2-pentanone	8.01	417	M7	ug/L	250	164%	74 - 139	0.7	18	7012189	NQA1311-02	01/14/07 17:36
Naphthalene	1.83	41.9		ug/L	50 0	80%	40 - 161	0.2	34	7012189	NQA1311-02	01/14/07 17:36
n-Propylbenzene	ND	53 6		ug/L	50 0	107%	67 - 146	2	18	7012189	NQA1311-02	01/14/07 17:36
Styrene	ND	50.9		ug/L	50.0	102%	39 - 162	1	22	7012189	NQA1311-02	01/14/07 17:36
1,1,1,2-Tetrachloroethane	ND	55.0		ug/L	50.0	110%	72 - 139	5	16	7012189	NQA1311-02	01/14/07 17:36
1,1,2,2-Tetrachloroethane	ND	47.0		ug/L	50.0	94%	71 - 139	4	16	7012189	NQA1311-02	01/14/07 17:36
Tetrachloroethene	4.44	50.8	R2	ug/L	50 0	93%	64 - 143	37	20	7012189	NQA1311-02	01/14/07 17:36
Toluene	ND	70.4	M7	ug/L	50.0	141%	70 - 137	2	15	7012189	NQA1311-02	01/14/07 17:36
1,2,3-Trichlorobenzene	0.890	39.2		ug/L	50.0	77%	45 - 150	6	33	7012189	NQA1311-02	01/14/07 17:36
1,2,4-Trichlorobenzene	2.00	45.4		ug/L	50.0	87%	51 - 144	1	26	7012189	NQA1311-02	01/14/07 17:36
1,1,2-Trichloroethane	ND	46.1	R2	ug/L	50.0	92%	76 - 132	40	16	7012189	NQA1311-02	01/14/07 17:36
1,1,1-Trichloroethane	ND	49.3	R2	ug/L	50.0	99%	65 - 143	76	17	7012189	NQA1311-02	01/14/07 17:36
Trichloroethene	ND	47.2		ug/L	50.0	94%	70 - 137	5	17	7012189	NQA1311-02	01/14/07 17:36
Trichlorofluoromethane	ND	29.6	R2	ug/L	50.0	59%	49 - 159	44	42	7012189	NQA1311-02	01/14/07 17:36
1,2,3-Trichloropropane	ND	60.4		ug/L	50 0	121%	63 - 135	16	18	7012189	NQA1311-02	01/14/07 17:36
1,3,5-Trimethylbenzene	ND	53.4		ug/L	50 0	107%	36 - 162	3	20	7012189	NQA1311-02	01/14/07 17:36
1,2,4-Trimethylbenzene	ND	52.5		ug/L	50 0	105%	49 - 152	5	18	7012189	NQA1311-02	01/14/07 17:36
Vinyl chloride	ND	32.5		ug/L	50 0	65%	49 - 148	8	50	7012189	NQA1311-02	01/14/07 17:36
Xylenes, total	ND	156		ug/L	150	104%	62 - 147	3	16	7012189	NQA1311-02	01/14/07 17:36
Surrogate: 1,2-Dichloroethane-d4		51.3		ug/L	50.0	103%	62 - 142			7012189	NQA1311-02	01/14/07 17:36

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Hart & Hickman (2162) 2923 South Tyron Street, Suite 100 Charlotte, NC 28203-5449	Work Order:	NQA1302
		Project Name:	Goodrich - Delavan
		Project Number:	GDR-006
Attn	Mike Crouch	Received:	01/13/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B											
7012189-MSD1											
Surrogate: Dibromofluoromethane		49.0		ug/L	50.0	98%	78 - 123		7012189	NQA1311-02	01/14/07 17:36
Surrogate: Toluene-d8		75.0	Z1	ug/L	50.0	150%	79 - 120		7012189	NQA1311-02	01/14/07 17:36
Surrogate: 4-Bromofluorobenzene		52.4		ug/L	50.0	105%	75 - 133		7012189	NQA1311-02	01/14/07 17:36

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Hart & Hickman (2162) 2923 South Tyron Street, Suite 100 Charlotte, NC 28203-5449	Work Order:	NQA1302
		Project Name:	Goodrich - Delavan
		Project Number:	GDR-006
Attn	Mike Crouch	Received:	01/13/07 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	South Carolina
EPA 325.2	Water	N/A	X	
EPA 353.2	Water	N/A	X	X
EPA 375.4	Water	N/A	X	
RSK 175	Water	N/A	X	
SW846 8260B	Water	N/A	X	X
SW846 9060A	Water			

Client	Hart & Hickman (2162)	Work Order:	NQA1302
	2923 South Tyron Street, Suite 100	Project Name:	Goodrich - Delavan
	Charlotte, NC 28203-5449	Project Number:	GDR-006
Attn	Mike Crouch	Received:	01/13/07 08:00

DATA QUALIFIERS AND DEFINITIONS

L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits Analyte not detected, data not impacted.
M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
MHA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information See Blank Spike (LCS).
R2	The RPD exceeded the acceptance limit.
Z1	Surrogate recovery was above acceptance limits.
Z6	Surrogate recovery was below acceptance limits.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

NQA1302

Nashville Division
COOLER RECEIPT FORM

BC#

Cooler Received/Opened On: January 13, 2007@ 800

. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 6875

Fed-Ex

2. Temperature of representative sample or temperature blank when opened: 5.0 Degrees Celsius (indicate IR Gun ID#)

982

3. Were custody seals on outside of cooler?..... YES...NO...NA

   a. If yes, how many and where:_____

4. Were the seals intact, signed, and dated correctly?..... YES....NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... _____

6. Were custody seals on containers: YES NO and Intact YES NO NA

   were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

   Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

    b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... _____

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

    b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

    If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... _____

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... _____

I certify that I attached a label with the unique LIMS number to each container (intial)..... _____

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment

TestAmerica
ANALYTICAL TESTING CORPORATION

NQA1302
01/22/07 23:59

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: YES

Client Name: HART & HICKMAN, PC Client #: 2162
Address: 2923 S. TRYON ST., STE 100
City/State/Zip Code: CHARLOTTE, NC 28203
Project Manager: MIKE CROUCH
Telephone Number: 704.586.0007 Fax: 704.586.0373
Sampler Name: (Print Name) SHANNON COTTRILL
Sampler Signature: [signature]

Project Name: GOODRICH-DELAVAN
Project #: GDR-006
Site/Location ID: BAMBERG State: SC
Report To: MIKE CROUCH
Invoice To: HART & HICKMAN, PC
Quote #: PO#:

TAT: X Standard (5-DAY TAT) ___ Rush (surcharges may apply)
Date Needed: 1-19-07
Fax Results: (Y) N

QC Deliverables: ___ None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: ___

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	VOC (8260B) GC/LIST ONLY	METHANE	NITRATE	SULFATE	TOC	CHLORIDE					REMARKS
MW-10	1-12-07	0930	G	N	GW	7					2		X	X	X	X	X	X		01			
MW-9	1-12-07	1145	G	N	GW	7					2		X	X	X	X	X	X		02			
MW-1	1-12-07	1245	G	N	GW	7					2		X	X	X	X	X	X		03			

Special Instructions: VOCs BY 8260B (REPORT GC/LIST ONLY)
RESULTS TO: mcrouch@harthickman.com
scottrill@harthickman.com

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	1-12-07	1800			
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: [signature]	1/13/07	800

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 5.0
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

January 19, 2007 4:34:11PM

Client: Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn: Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Nbr: GDR-006 / GODRICH-DELAVAN
P/O Nbr:
Date Received: 01/13/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Friazon WSW	NQA1311-01	01/12/07 13:25
Thomas WSW	NQA1311-02	01/12/07 13:35
Trip Blank	NQA1311-03	01/12/07 13:35

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

South Carolina Certification Number: DW:84009002; Other:84009001

JAN 25 2007

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

Estimated uncertainity is available upon request

This report has been electronically signed.

Report Approved By:

Andy Johnson

Andy Johnson
Operations Manager

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

ANALYTICAL REPORT

Sample ID: NQA1311-01 (Friazon WSW - Water) Sampled: 01/12/07 13:25

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acetone	ND		ug/L	50.0	1	01/18/07 17:39	SW846 8260B	7012545
Benzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Bromobenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Bromochloromethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Bromodichloromethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Bromoform	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Bromomethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
2-Butanone	ND		ug/L	50.0	1	01/18/07 17:39	SW846 8260B	7012545
sec-Butylbenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
n-Butylbenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
tert-Butylbenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Carbon disulfide	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Carbon Tetrachloride	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Chlorobenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Chlorodibromomethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Chloroethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Chloroform	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Chloromethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
2-Chlorotoluene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
4-Chlorotoluene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	01/18/07 17:39	SW846 8260B	7012545
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Dibromomethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,4-Dichlorobenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,3-Dichlorobenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,2-Dichlorobenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Dichlorodifluoromethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,1-Dichloroethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,2-Dichloroethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,1-Dichloroethene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,3-Dichloropropane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,2-Dichloropropane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
2,2-Dichloropropane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,1-Dichloropropene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Ethylbenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Hexachlorobutadiene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
2-Hexanone	ND		ug/L	50.0	1	01/18/07 17:39	SW846 8260B	7012545
Isopropylbenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
p-Isopropyltoluene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA1311-01 (Friazon WSW - Water) - cont. Sampled: 01/12/07 13:25								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Methylene Chloride	ND		ug/L	5.00	1	01/18/07 17:39	SW846 8260B	7012545
4-Methyl-2-pentanone	ND		ug/L	10.0	1	01/18/07 17:39	SW846 8260B	7012545
Naphthalene	ND		ug/L	5.00	1	01/18/07 17:39	SW846 8260B	7012545
n-Propylbenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Styrene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Tetrachloroethene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Toluene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,1,2-Trichloroethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,1,1-Trichloroethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Trichloroethene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Trichlorofluoromethane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,2,3-Trichloropropane	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Vinyl chloride	ND		ug/L	1.00	1	01/18/07 17:39	SW846 8260B	7012545
Xylenes, total	ND		ug/L	3.00	1	01/18/07 17:39	SW846 8260B	7012545
Surr: 1,2-Dichloroethane-d4 (62-142%)	*89 %*					*01/18/07 17:39*	*SW846 8260B*	*7012545*
Surr: Dibromofluoromethane (78-123%)	*99 %*					*01/18/07 17:39*	*SW846 8260B*	*7012545*
Surr: Toluene-d8 (79-120%)	*98 %*					*01/18/07 17:39*	*SW846 8260B*	*7012545*
Surr: 4-Bromofluorobenzene (75-133%)	*101 %*					*01/18/07 17:39*	*SW846 8260B*	*7012545*
Sample ID: NQA1311-02 (Thomas WSW - Water) Sampled: 01/12/07 13:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	01/14/07 10:30	SW846 8260B	7012189
Benzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Bromobenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Bromochloromethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Bromodichloromethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Bromoform	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Bromomethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
2-Butanone	ND		ug/L	50.0	1	01/14/07 10:30	SW846 8260B	7012189
sec-Butylbenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
n-Butylbenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
tert-Butylbenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Carbon disulfide	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Carbon Tetrachloride	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Chlorobenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Chlorodibromomethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Chloroethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

ANALYTICAL REPORT

Sample ID: NQA1311-02 (Thomas WSW - Water) - cont. Sampled: 01/12/07 13:35

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Chloroform	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Chloromethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
2-Chlorotoluene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
4-Chlorotoluene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	01/14/07 10:30	SW846 8260B	7012189
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Dibromomethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,4-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,3-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,2-Dichlorobenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Dichlorodifluoromethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,1-Dichloroethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,2-Dichloroethane	**2.27**		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,1-Dichloroethene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,3-Dichloropropane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,2-Dichloropropane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
2,2-Dichloropropane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
cis-1,3-Dichloropropene	**1.14**		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
trans-1,3-Dichloropropene	**1.91**		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,1-Dichloropropene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Ethylbenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Hexachlorobutadiene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
2-Hexanone	ND		ug/L	50.0	1	01/14/07 10:30	SW846 8260B	7012189
Isopropylbenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
p-Isopropyltoluene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Methylene Chloride	ND		ug/L	5.00	1	01/14/07 10:30	SW846 8260B	7012189
4-Methyl-2-pentanone	ND		ug/L	10.0	1	01/14/07 10:30	SW846 8260B	7012189
Naphthalene	ND		ug/L	5.00	1	01/14/07 10:30	SW846 8260B	7012189
n-Propylbenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Styrene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Tetrachloroethene	**4.44**		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Toluene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,2,4-Trichlorobenzene	**2.00**		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,1,2-Trichloroethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,1,1-Trichloroethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Trichloroethene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Trichlorofluoromethane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA1311-02 (Thomas WSW - Water) - cont. Sampled: 01/12/07 13:35								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2,3-Trichloropropane	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Vinyl chloride	ND		ug/L	1.00	1	01/14/07 10:30	SW846 8260B	7012189
Xylenes, total	ND		ug/L	3.00	1	01/14/07 10:30	SW846 8260B	7012189
Surr: 1,2-Dichloroethane-d4 (62-142%)	*107 %*					*01/14/07 10:30*	*SW846 8260B*	*7012189*
Surr: Dibromofluoromethane (78-123%)	*100 %*					*01/14/07 10:30*	*SW846 8260B*	*7012189*
Surr: Toluene-d8 (79-120%)	*106 %*					*01/14/07 10:30*	*SW846 8260B*	*7012189*
Surr: 4-Bromofluorobenzene (75-133%)	*113 %*					*01/14/07 10:30*	*SW846 8260B*	*7012189*
Sample ID: NQA1311-03 (Trip Blank - Water) Sampled: 01/12/07 13:35								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND		ug/L	50.0	1	01/18/07 17:05	SW846 8260B	7012545
Benzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Bromobenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Bromochloromethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Bromodichloromethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Bromoform	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Bromomethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
2-Butanone	ND		ug/L	50.0	1	01/18/07 17:05	SW846 8260B	7012545
sec-Butylbenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
n-Butylbenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
tert-Butylbenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Carbon disulfide	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Carbon Tetrachloride	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Chlorobenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Chlorodibromomethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Chloroethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Chloroform	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Chloromethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
2-Chlorotoluene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
4-Chlorotoluene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,2-Dibromo-3-chloropropane	ND		ug/L	5.00	1	01/18/07 17:05	SW846 8260B	7012545
1,2-Dibromoethane (EDB)	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Dibromomethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,4-Dichlorobenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,3-Dichlorobenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,2-Dichlorobenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Dichlorodifluoromethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,1-Dichloroethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,2-Dichloroethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,1-Dichloroethene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

ANALYTICAL REPORT

Sample ID: NQA1311-03 (Trip Blank - Water) - cont. Sampled: 01/12/07 13:35

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
1,3-Dichloropropane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,2-Dichloropropane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
2,2-Dichloropropane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,1-Dichloropropene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Ethylbenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Hexachlorobutadiene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
2-Hexanone	ND		ug/L	50.0	1	01/18/07 17:05	SW846 8260B	7012545
Isopropylbenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
p-Isopropyltoluene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Methyl tert-Butyl Ether	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Methylene Chloride	ND		ug/L	5.00	1	01/18/07 17:05	SW846 8260B	7012545
4-Methyl-2-pentanone	ND		ug/L	10.0	1	01/18/07 17:05	SW846 8260B	7012545
Naphthalene	ND		ug/L	5.00	1	01/18/07 17:05	SW846 8260B	7012545
n-Propylbenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Styrene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Tetrachloroethene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Toluene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,2,3-Trichlorobenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,2,4-Trichlorobenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,1,2-Trichloroethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,1,1-Trichloroethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Trichloroethene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Trichlorofluoromethane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,2,3-Trichloropropane	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,3,5-Trimethylbenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
1,2,4-Trimethylbenzene	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Vinyl chloride	ND		ug/L	1.00	1	01/18/07 17:05	SW846 8260B	7012545
Xylenes, total	ND		ug/L	3.00	1	01/18/07 17:05	SW846 8260B	7012545
Surr: 1,2-Dichloroethane-d4 (62-142%)	*94 %*					*01/18/07 17:05*	*SW846 8260B*	*7012545*
Surr: Dibromofluoromethane (78-123%)	*96 %*					*01/18/07 17:05*	*SW846 8260B*	*7012545*
Surr: Toluene-d8 (79-120%)	*98 %*					*01/18/07 17:05*	*SW846 8260B*	*7012545*
Surr: 4-Bromofluorobenzene (75-133%)	*99 %*					*01/18/07 17:05*	*SW846 8260B*	*7012545*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
7012189-BLK1						
Acetone	<7.41		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Benzene	<0.330		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Bromobenzene	<0.450		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Bromochloromethane	<0.700		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Bromodichloromethane	<0.390		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Bromoform	<0.540		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Bromomethane	<0.420		ug/L	7012189	7012189-BLK1	01/14/07 09:43
2-Butanone	<3.06		ug/L	7012189	7012189-BLK1	01/14/07 09:43
sec-Butylbenzene	<0.260		ug/L	7012189	7012189-BLK1	01/14/07 09:43
n-Butylbenzene	<0.780		ug/L	7012189	7012189-BLK1	01/14/07 09:43
tert-Butylbenzene	<0 400		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Carbon disulfide	<0.230		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Carbon Tetrachloride	<0.410		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Chlorobenzene	<0.340		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Chlorodibromomethane	<0.480		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Chloroethane	<0.350		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Chloroform	<0.510		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Chloromethane	<0.310		ug/L	7012189	7012189-BLK1	01/14/07 09:43
2-Chlorotoluene	<0.210		ug/L	7012189	7012189-BLK1	01/14/07 09:43
4-Chlorotoluene	<0.410		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2-Dibromo-3-chloropropane	<1.01		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2-Dibromoethane (EDB)	<0.320		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Dibromomethane	<0.430		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,4-Dichlorobenzene	<0.360		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,3-Dichlorobenzene	<0.410		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2-Dichlorobenzene	<0.440		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Dichlorodifluoromethane	<0.290		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1-Dichloroethane	<0.600		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2-Dichloroethane	<0.460		ug/L	7012189	7012189-BLK1	01/14/07 09:43
cis-1,2-Dichloroethene	<0.540		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1-Dichloroethene	<0.270		ug/L	7012189	7012189-BLK1	01/14/07 09:43
trans-1,2-Dichloroethene	<0.200		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,3-Dichloropropane	<0.480		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2-Dichloropropane	<0.370		ug/L	7012189	7012189-BLK1	01/14/07 09:43
2,2-Dichloropropane	<0.370		ug/L	7012189	7012189-BLK1	01/14/07 09:43
cis-1,3-Dichloropropene	<0.330		ug/L	7012189	7012189-BLK1	01/14/07 09:43
trans-1,3-Dichloropropene	<0.310		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1-Dichloropropene	<0.280		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Ethylbenzene	<0.420		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Hexachlorobutadiene	<0.660		ug/L	7012189	7012189-BLK1	01/14/07 09:43
2-Hexanone	<2.19		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Isopropylbenzene	<0.410		ug/L	7012189	7012189-BLK1	01/14/07 09:43

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
7012189-BLK1						
p-Isopropyltoluene	<0.320		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Methyl tert-Butyl Ether	<0.310		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Methylene Chloride	<2.10		ug/L	7012189	7012189-BLK1	01/14/07 09:43
4-Methyl-2-pentanone	<4.15		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Naphthalene	<0.650		ug/L	7012189	7012189-BLK1	01/14/07 09:43
n-Propylbenzene	<0.350		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Styrene	<0.390		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1,1,2-Tetrachloroethane	<0.470		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1,2,2-Tetrachloroethane	<0.270		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Tetrachloroethene	<0.320		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Toluene	<0.420		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2,3-Trichlorobenzene	<0 620		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2,4-Trichlorobenzene	<0.620		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1,2-Trichloroethane	<0 570		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,1,1-Trichloroethane	<0 350		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Trichloroethene	<0.510		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Trichlorofluoromethane	<0.400		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2,3-Trichloropropane	<0 520		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,3,5-Trimethylbenzene	<0.240		ug/L	7012189	7012189-BLK1	01/14/07 09:43
1,2,4-Trimethylbenzene	<0.350		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Vinyl chloride	<0.260		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Xylenes, total	<0.450		ug/L	7012189	7012189-BLK1	01/14/07 09:43
Surrogate: 1,2-Dichloroethane-d4	105%			7012189	7012189-BLK1	01/14/07 09:43
Surrogate: Dibromofluoromethane	99%			7012189	7012189-BLK1	01/14/07 09:43
Surrogate: Toluene-d8	105%			7012189	7012189-BLK1	01/14/07 09:43
Surrogate: 4-Bromofluorobenzene	113%			7012189	7012189-BLK1	01/14/07 09:43
7012545-BLK1						
Acetone	<7.41		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Benzene	<0.330		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Bromobenzene	<0.450		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Bromochloromethane	<0.700		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Bromodichloromethane	<0.390		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Bromoform	<0.540		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Bromomethane	<0.420		ug/L	7012545	7012545-BLK1	01/18/07 11:24
2-Butanone	<3.06		ug/L	7012545	7012545-BLK1	01/18/07 11:24
sec-Butylbenzene	<0.260		ug/L	7012545	7012545-BLK1	01/18/07 11:24
n-Butylbenzene	<0.780		ug/L	7012545	7012545-BLK1	01/18/07 11:24
tert-Butylbenzene	<0.400		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Carbon disulfide	<0.230		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Carbon Tetrachloride	<0.410		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Chlorobenzene	<0.340		ug/L	7012545	7012545-BLK1	01/18/07 11:24

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Hart & Hickman (2162) 2923 South Tyron Street, Suite 100 Charlotte, NC 28203-5449	Work Order:	NQA1311
		Project Name:	Hart & Hickman (SC)
		Project Number:	GDR-006 / GODRICH-DELAVAN
Attn	Mike Crouch	Received:	01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
7012545-BLK1						
Chlorodibromomethane	<0.480		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Chloroethane	<0.350		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Chloroform	<0.510		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Chloromethane	<0.310		ug/L	7012545	7012545-BLK1	01/18/07 11:24
2-Chlorotoluene	<0.210		ug/L	7012545	7012545-BLK1	01/18/07 11:24
4-Chlorotoluene	<0.410		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,2-Dibromo-3-chloropropane	<1.01		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,2-Dibromoethane (EDB)	<0.320		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Dibromomethane	<0.430		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,4-Dichlorobenzene	<0.360		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,3-Dichlorobenzene	<0.410		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,2-Dichlorobenzene	<0.440		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Dichlorodifluoromethane	<0.290		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,1-Dichloroethane	<0.600		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,2-Dichloroethane	<0.460		ug/L	7012545	7012545-BLK1	01/18/07 11:24
cis-1,2-Dichloroethene	<0.540		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,1-Dichloroethene	<0.270		ug/L	7012545	7012545-BLK1	01/18/07 11:24
trans-1,2-Dichloroethene	<0.200		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,3-Dichloropropane	<0.480		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,2-Dichloropropane	<0.370		ug/L	7012545	7012545-BLK1	01/18/07 11:24
2,2-Dichloropropane	<0.370		ug/L	7012545	7012545-BLK1	01/18/07 11:24
cis-1,3-Dichloropropene	<0.330		ug/L	7012545	7012545-BLK1	01/18/07 11:24
trans-1,3-Dichloropropene	<0.310		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,1-Dichloropropene	<0.280		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Ethylbenzene	<0.420		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Hexachlorobutadiene	<0.660		ug/L	7012545	7012545-BLK1	01/18/07 11:24
2-Hexanone	<2.19		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Isopropylbenzene	<0.410		ug/L	7012545	7012545-BLK1	01/18/07 11:24
p-Isopropyltoluene	<0.320		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Methyl tert-Butyl Ether	<0.310		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Methylene Chloride	<2.10		ug/L	7012545	7012545-BLK1	01/18/07 11:24
4-Methyl-2-pentanone	<4.15		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Naphthalene	<0.650		ug/L	7012545	7012545-BLK1	01/18/07 11:24
n-Propylbenzene	<0.350		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Styrene	<0.390		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,1,1,2-Tetrachloroethane	<0.470		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,1,2,2-Tetrachloroethane	<0.270		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Tetrachloroethene	<0.320		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Toluene	<0.420		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,2,3-Trichlorobenzene	<0.620		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,2,4-Trichlorobenzene	<0.620		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,1,2-Trichloroethane	<0.570		ug/L	7012545	7012545-BLK1	01/18/07 11:24

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Client	Hart & Hickman (2162) 2923 South Tyron Street, Suite 100 Charlotte, NC 28203-5449	Work Order:	NQA1311
		Project Name:	Hart & Hickman (SC)
		Project Number:	GDR-006 / GODRICH-DELAVAN
Attn	Mike Crouch	Received:	01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
7012545-BLK1						
1,1,1-Trichloroethane	<0.350		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Trichloroethene	<0.510		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Trichlorofluoromethane	<0.400		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,2,3-Trichloropropane	<0.520		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,3,5-Trimethylbenzene	<0.240		ug/L	7012545	7012545-BLK1	01/18/07 11:24
1,2,4-Trimethylbenzene	<0.350		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Vinyl chloride	<0.260		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Xylenes, total	<0.450		ug/L	7012545	7012545-BLK1	01/18/07 11:24
Surrogate: 1,2-Dichloroethane-d4	93%			7012545	7012545-BLK1	01/18/07 11:24
Surrogate· Dibromofluoromethane	96%			7012545	7012545-BLK1	01/18/07 11:24
Surrogate. Toluene-d8	97%			7012545	7012545-BLK1	01/18/07 11:24
Surrogate: 4-Bromofluorobenzene	101%			7012545	7012545-BLK1	01/18/07 11:24

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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
7012189-BS1								
Acetone	250	236		ug/L	94%	63 - 147	7012189	01/14/07 08:32
Benzene	50.0	45.1		ug/L	90%	78 - 125	7012189	01/14/07 08:32
Bromobenzene	50.0	50.4		ug/L	101%	71 - 142	7012189	01/14/07 08:32
Bromochloromethane	50.0	46.4		ug/L	93%	76 - 129	7012189	01/14/07 08:32
Bromodichloromethane	50.0	51.0		ug/L	102%	71 - 134	7012189	01/14/07 08:32
Bromoform	50.0	46.5		ug/L	93%	49 - 129	7012189	01/14/07 08:32
Bromomethane	50.0	34.7		ug/L	69%	42 - 154	7012189	01/14/07 08:32
2-Butanone	250	240		ug/L	96%	74 - 130	7012189	01/14/07 08:32
sec-Butylbenzene	50.0	50.9		ug/L	102%	78 - 129	7012189	01/14/07 08:32
n-Butylbenzene	50.0	43.8		ug/L	88%	68 - 138	7012189	01/14/07 08:32
tert-Butylbenzene	50.0	50.9		ug/L	102%	79 - 128	7012189	01/14/07 08:32
Carbon disulfide	50.0	51 7		ug/L	103%	65 - 122	7012189	01/14/07 08:32
Carbon Tetrachloride	50.0	42.1		ug/L	84%	62 - 142	7012189	01/14/07 08:32
Chlorobenzene	50.0	44.5		ug/L	89%	82 - 125	7012189	01/14/07 08:32
Chlorodibromomethane	50.0	47.3		ug/L	95%	67 - 135	7012189	01/14/07 08:32
Chloroethane	50.0	41.2		ug/L	82%	57 - 138	7012189	01/14/07 08:32
Chloroform	50.0	46.0		ug/L	92%	75 - 122	7012189	01/14/07 08:32
Chloromethane	50.0	33.2		ug/L	66%	31 - 147	7012189	01/14/07 08:32
2-Chlorotoluene	50.0	49.4		ug/L	99%	74 - 135	7012189	01/14/07 08:32
4-Chlorotoluene	50.0	47 7		ug/L	95%	74 - 133	7012189	01/14/07 08:32
1,2-Dibromo-3-chloropropane	50.0	50 0		ug/L	100%	45 - 140	7012189	01/14/07 08:32
1,2-Dibromoethane (EDB)	50.0	52.6		ug/L	105%	80 - 132	7012189	01/14/07 08:32
Dibromomethane	50.0	43.8		ug/L	88%	69 - 132	7012189	01/14/07 08:32
1,4-Dichlorobenzene	50.0	44.4		ug/L	89%	79 - 125	7012189	01/14/07 08:32
1,3-Dichlorobenzene	50.0	46 0		ug/L	92%	77 - 132	7012189	01/14/07 08:32
1,2-Dichlorobenzene	50.0	48.7		ug/L	97%	82 - 133	7012189	01/14/07 08:32
Dichlorodifluoromethane	50.0	24.1		ug/L	48%	34 - 120	7012189	01/14/07 08:32
1,1-Dichloroethane	50.0	47.5		ug/L	95%	79 - 120	7012189	01/14/07 08:32
1,2-Dichloroethane	50.0	45.0		ug/L	90%	64 - 134	7012189	01/14/07 08:32
cis-1,2-Dichloroethene	50.0	46.3		ug/L	93%	71 - 126	7012189	01/14/07 08:32
1,1-Dichloroethene	50.0	51.8		ug/L	104%	71 - 123	7012189	01/14/07 08:32
trans-1,2-Dichloroethene	50.0	48.2		ug/L	96%	74 - 127	7012189	01/14/07 08:32
1,3-Dichloropropane	50.0	49.1		ug/L	98%	80 - 128	7012189	01/14/07 08:32
1,2-Dichloropropane	50.0	43.7		ug/L	87%	73 - 120	7012189	01/14/07 08:32
2,2-Dichloropropane	50.0	33.7		ug/L	67%	25 - 156	7012189	01/14/07 08:32
cis-1,3-Dichloropropene	50.0	49.7		ug/L	99%	70 - 135	7012189	01/14/07 08:32
trans-1,3-Dichloropropene	50.0	48.8		ug/L	98%	61 - 124	7012189	01/14/07 08:32
1,1-Dichloropropene	50.0	46.6		ug/L	93%	79 - 138	7012189	01/14/07 08:32
Ethylbenzene	50.0	47.5		ug/L	95%	73 - 134	7012189	01/14/07 08:32
Hexachlorobutadiene	50.0	51.3		ug/L	103%	58 - 145	7012189	01/14/07 08:32
2-Hexanone	250	286		ug/L	114%	72 - 136	7012189	01/14/07 08:32

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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
7012189-BS1								
Isopropylbenzene	50.0	47.0		ug/L	94%	74 - 121	7012189	01/14/07 08:32
p-Isopropyltoluene	50.0	49.3		ug/L	99%	70 - 133	7012189	01/14/07 08:32
Methyl tert-Butyl Ether	50.0	51.0		ug/L	102%	69 - 122	7012189	01/14/07 08:32
Methylene Chloride	50.0	49 6		ug/L	99%	75 - 127	7012189	01/14/07 08:32
4-Methyl-2-pentanone	250	290		ug/L	116%	77 - 132	7012189	01/14/07 08:32
Naphthalene	50.0	44 4		ug/L	89%	65 - 145	7012189	01/14/07 08:32
n-Propylbenzene	50.0	48.9		ug/L	98%	76 - 133	7012189	01/14/07 08:32
Styrene	50.0	59.4		ug/L	119%	80 - 145	7012189	01/14/07 08:32
1,1,1,2-Tetrachloroethane	50.0	53.9		ug/L	108%	72 - 136	7012189	01/14/07 08:32
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/L	98%	71 - 137	7012189	01/14/07 08:32
Tetrachloroethene	50.0	45.0		ug/L	90%	70 - 131	7012189	01/14/07 08:32
Toluene	50.0	46.2		ug/L	92%	78 - 122	7012189	01/14/07 08:32
1,2,3-Trichlorobenzene	50.0	39.2		ug/L	78%	60 - 144	7012189	01/14/07 08:32
1,2,4-Trichlorobenzene	50.0	43.4		ug/L	87%	63 - 140	7012189	01/14/07 08:32
1,1,2-Trichloroethane	50.0	49.8		ug/L	100%	81 - 127	7012189	01/14/07 08:32
1,1,1-Trichloroethane	50.0	49.1		ug/L	98%	69 - 128	7012189	01/14/07 08:32
Trichloroethene	50.0	46.8		ug/L	94%	73 - 133	7012189	01/14/07 08:32
Trichlorofluoromethane	50.0	36.4		ug/L	73%	49 - 139	7012189	01/14/07 08:32
1,2,3-Trichloropropane	50.0	51.2		ug/L	102%	52 - 151	7012189	01/14/07 08:32
1,3,5-Trimethylbenzene	50.0	50.1		ug/L	100%	72 - 136	7012189	01/14/07 08:32
1,2,4-Trimethylbenzene	50.0	50.9		ug/L	102%	73 - 134	7012189	01/14/07 08:32
Vinyl chloride	50.0	46.0		ug/L	92%	54 - 137	7012189	01/14/07 08:32
Xylenes, total	150	146		ug/L	97%	79 - 130	7012189	01/14/07 08:32
Surrogate: 1,2-Dichloroethane-d4	50.0	54.1			108%	62 - 142	7012189	01/14/07 08:32
Surrogate: Dibromofluoromethane	50.0	50.2			100%	78 - 123	7012189	01/14/07 08:32
Surrogate: Toluene-d8	50.0	52.8			106%	79 - 120	7012189	01/14/07 08:32
Surrogate: 4-Bromofluorobenzene	50.0	54.7			109%	75 - 133	7012189	01/14/07 08:32
7012545-BS1								
Acetone	250	254		ug/L	102%	63 - 147	7012545	01/18/07 10:09
Benzene	50.0	51.6		ug/L	103%	78 - 125	7012545	01/18/07 10:09
Bromobenzene	50.0	42.7		ug/L	85%	71 - 142	7012545	01/18/07 10:09
Bromochloromethane	50.0	52.8		ug/L	106%	76 - 129	7012545	01/18/07 10:09
Bromodichloromethane	50.0	53.4		ug/L	107%	71 - 134	7012545	01/18/07 10:09
Bromoform	50.0	41.6		ug/L	83%	49 - 129	7012545	01/18/07 10:09
Bromomethane	50.0	37.6		ug/L	75%	42 - 154	7012545	01/18/07 10:09
2-Butanone	250	252		ug/L	101%	74 - 130	7012545	01/18/07 10:09
sec-Butylbenzene	50.0	47.4		ug/L	95%	78 - 129	7012545	01/18/07 10:09
n-Butylbenzene	50.0	47.5		ug/L	95%	68 - 138	7012545	01/18/07 10:09
tert-Butylbenzene	50.0	44.8		ug/L	90%	79 - 128	7012545	01/18/07 10:09
Carbon disulfide	50.0	50.9		ug/L	102%	65 - 122	7012545	01/18/07 10:09
Carbon Tetrachloride	50.0	44.6		ug/L	89%	62 - 142	7012545	01/18/07 10:09

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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
7012545-BS1								
Chlorobenzene	50.0	50.7		ug/L	101%	82 - 125	7012545	01/18/07 10:09
Chlorodibromomethane	50.0	43.2		ug/L	86%	67 - 135	7012545	01/18/07 10:09
Chloroethane	50.0	50.4		ug/L	101%	57 - 138	7012545	01/18/07 10:09
Chloroform	50.0	51.2		ug/L	102%	75 - 122	7012545	01/18/07 10:09
Chloromethane	50.0	43.9		ug/L	88%	31 - 147	7012545	01/18/07 10:09
2-Chlorotoluene	50.0	48.6		ug/L	97%	74 - 135	7012545	01/18/07 10:09
4-Chlorotoluene	50.0	51.0		ug/L	102%	74 - 133	7012545	01/18/07 10:09
1,2-Dibromo-3-chloropropane	50.0	42.9		ug/L	86%	45 - 140	7012545	01/18/07 10:09
1,2-Dibromoethane (EDB)	50.0	52.9		ug/L	106%	80 - 132	7012545	01/18/07 10:09
Dibromomethane	50.0	50.5		ug/L	101%	69 - 132	7012545	01/18/07 10:09
1,4-Dichlorobenzene	50.0	48.5		ug/L	97%	79 - 125	7012545	01/18/07 10:09
1,3-Dichlorobenzene	50.0	49.9		ug/L	100%	77 - 132	7012545	01/18/07 10:09
1,2-Dichlorobenzene	50.0	52.0		ug/L	104%	82 - 133	7012545	01/18/07 10:09
Dichlorodifluoromethane	50.0	37.8		ug/L	76%	34 - 120	7012545	01/18/07 10:09
1,1-Dichloroethane	50.0	48.4		ug/L	97%	79 - 120	7012545	01/18/07 10:09
1,2-Dichloroethane	50.0	49.0		ug/L	98%	64 - 134	7012545	01/18/07 10:09
cis-1,2-Dichloroethene	50.0	51.9		ug/L	104%	71 - 126	7012545	01/18/07 10:09
1,1-Dichloroethene	50.0	55.4		ug/L	111%	71 - 123	7012545	01/18/07 10:09
trans-1,2-Dichloroethene	50.0	50.8		ug/L	102%	74 - 127	7012545	01/18/07 10:09
1,3-Dichloropropane	50.0	50.2		ug/L	100%	80 - 128	7012545	01/18/07 10:09
1,2-Dichloropropane	50.0	47.6		ug/L	95%	73 - 120	7012545	01/18/07 10:09
2,2-Dichloropropane	50.0	47.8		ug/L	96%	25 - 156	7012545	01/18/07 10:09
cis-1,3-Dichloropropene	50.0	46.9		ug/L	94%	70 - 135	7012545	01/18/07 10:09
trans-1,3-Dichloropropene	50.0	46.2		ug/L	92%	61 - 124	7012545	01/18/07 10:09
1,1-Dichloropropene	50.0	51.2		ug/L	102%	79 - 138	7012545	01/18/07 10:09
Ethylbenzene	50.0	54.6		ug/L	109%	73 - 134	7012545	01/18/07 10:09
Hexachlorobutadiene	50.0	52.1		ug/L	104%	58 - 145	7012545	01/18/07 10:09
2-Hexanone	250	239		ug/L	96%	72 - 136	7012545	01/18/07 10:09
Isopropylbenzene	50.0	44.3		ug/L	89%	74 - 121	7012545	01/18/07 10:09
p-Isopropyltoluene	50.0	52.1		ug/L	104%	70 - 133	7012545	01/18/07 10:09
Methyl tert-Butyl Ether	50.0	50.7		ug/L	101%	69 - 122	7012545	01/18/07 10:09
Methylene Chloride	50.0	48.0		ug/L	96%	75 - 127	7012545	01/18/07 10:09
4-Methyl-2-pentanone	250	271		ug/L	108%	77 - 132	7012545	01/18/07 10:09
Naphthalene	50.0	47.8		ug/L	96%	65 - 145	7012545	01/18/07 10:09
n-Propylbenzene	50.0	49.0		ug/L	98%	76 - 133	7012545	01/18/07 10:09
Styrene	50.0	59.0		ug/L	118%	80 - 145	7012545	01/18/07 10:09
1,1,1,2-Tetrachloroethane	50.0	53.8		ug/L	108%	72 - 136	7012545	01/18/07 10:09
1,1,2,2-Tetrachloroethane	50.0	45.8		ug/L	92%	71 - 137	7012545	01/18/07 10:09
Tetrachloroethene	50.0	48.9		ug/L	98%	70 - 131	7012545	01/18/07 10:09
Toluene	50.0	51.7		ug/L	103%	78 - 122	7012545	01/18/07 10:09
1,2,3-Trichlorobenzene	50.0	45.4		ug/L	91%	60 - 144	7012545	01/18/07 10:09

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
7012545-BS1								
1,2,4-Trichlorobenzene	50.0	47.0		ug/L	94%	63 - 140	7012545	01/18/07 10:09
1,1,2-Trichloroethane	50.0	51.4		ug/L	103%	81 - 127	7012545	01/18/07 10:09
1,1,1-Trichloroethane	50.0	49.7		ug/L	99%	69 - 128	7012545	01/18/07 10:09
Trichloroethene	50.0	51.0		ug/L	102%	73 - 133	7012545	01/18/07 10:09
Trichlorofluoromethane	50.0	50.2		ug/L	100%	49 - 139	7012545	01/18/07 10:09
1,2,3-Trichloropropane	50.0	49 7		ug/L	99%	52 - 151	7012545	01/18/07 10:09
1,3,5-Trimethylbenzene	50.0	44.9		ug/L	90%	72 - 136	7012545	01/18/07 10:09
1,2,4-Trimethylbenzene	50.0	46.1		ug/L	92%	73 - 134	7012545	01/18/07 10:09
Vinyl chloride	50.0	49.0		ug/L	98%	54 - 137	7012545	01/18/07 10:09
Xylenes, total	150	143		ug/L	95%	79 - 130	7012545	01/18/07 10:09
Surrogate: 1,2-Dichloroethane-d4	50.0	44.5			89%	62 - 142	7012545	01/18/07 10:09
Surrogate· Dibromofluoromethane	50.0	47.8			96%	78 - 123	7012545	01/18/07 10:09
Surrogate: Toluene-d8	50.0	48.3			97%	79 - 120	7012545	01/18/07 10:09
Surrogate. 4-Bromofluorobenzene	50.0	41.6			83%	75 - 133	7012545	01/18/07 10:09

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Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
7012189-MS1										
Acetone	2.50	161		ug/L	250	63%	56 - 147	7012189	NQA1311-02	01/14/07 17:13
Benzene	ND	50.2		ug/L	50.0	100%	74 - 130	7012189	NQA1311-02	01/14/07 17:13
Bromobenzene	ND	51.0		ug/L	50.0	102%	71 - 142	7012189	NQA1311-02	01/14/07 17:13
Bromochloromethane	ND	50.9		ug/L	50.0	102%	71 - 137	7012189	NQA1311-02	01/14/07 17:13
Bromodichloromethane	ND	51.5		ug/L	50.0	103%	66 - 145	7012189	NQA1311-02	01/14/07 17:13
Bromoform	ND	44.2		ug/L	50.0	88%	41 - 129	7012189	NQA1311-02	01/14/07 17:13
Bromomethane	ND	17.1		ug/L	50.0	34%	21 - 173	7012189	NQA1311-02	01/14/07 17:13
2-Butanone	ND	227		ug/L	250	91%	62 - 142	7012189	NQA1311-02	01/14/07 17:13
sec-Butylbenzene	ND	56.1		ug/L	50.0	112%	62 - 146	7012189	NQA1311-02	01/14/07 17:13
n-Butylbenzene	ND	50.4		ug/L	50.0	101%	58 - 150	7012189	NQA1311-02	01/14/07 17:13
tert-Butylbenzene	ND	54.6		ug/L	50.0	109%	68 - 143	7012189	NQA1311-02	01/14/07 17:13
Carbon disulfide	ND	65.8		ug/L	50.0	132%	38 - 149	7012189	NQA1311-02	01/14/07 17:13
Carbon Tetrachloride	ND	33.9		ug/L	50.0	68%	60 - 153	7012189	NQA1311-02	01/14/07 17:13
Chlorobenzene	ND	48.2		ug/L	50.0	96%	78 - 131	7012189	NQA1311-02	01/14/07 17:13
Chlorodibromomethane	ND	64.5		ug/L	50.0	129%	59 - 137	7012189	NQA1311-02	01/14/07 17:13
Chloroethane	ND	26 3	M8	ug/L	50.0	53%	57 - 150	7012189	NQA1311-02	01/14/07 17:13
Chloroform	ND	31.6	M8	ug/L	50.0	63%	69 - 135	7012189	NQA1311-02	01/14/07 17:13
Chloromethane	ND	35.0		ug/L	50.0	70%	22 - 154	7012189	NQA1311-02	01/14/07 17:13
2-Chlorotoluene	ND	52.8		ug/L	50.0	106%	78 - 138	7012189	NQA1311-02	01/14/07 17:13
4-Chlorotoluene	ND	51.9		ug/L	50.0	104%	73 - 139	7012189	NQA1311-02	01/14/07 17:13
1,2-Dibromo-3-chloropropane	ND	47.9		ug/L	50.0	96%	43 - 140	7012189	NQA1311-02	01/14/07 17:13
1,2-Dibromoethane (EDB)	ND	51.2		ug/L	50.0	102%	79 - 132	7012189	NQA1311-02	01/14/07 17:13
Dibromomethane	ND	42.0		ug/L	50.0	84%	66 - 137	7012189	NQA1311-02	01/14/07 17:13
1,4-Dichlorobenzene	ND	47.3		ug/L	50.0	95%	72 - 130	7012189	NQA1311-02	01/14/07 17:13
1,3-Dichlorobenzene	ND	50.5		ug/L	50.0	101%	75 - 134	7012189	NQA1311-02	01/14/07 17:13
1,2-Dichlorobenzene	ND	51.2		ug/L	50.0	102%	80 - 133	7012189	NQA1311-02	01/14/07 17:13
Dichlorodifluoromethane	ND	13.7		ug/L	50.0	27%	19 - 126	7012189	NQA1311-02	01/14/07 17:13
1,1-Dichloroethane	ND	31.9	M8	ug/L	50.0	64%	74 - 133	7012189	NQA1311-02	01/14/07 17:13
1,2-Dichloroethane	2.27	44.7		ug/L	50.0	85%	55 - 148	7012189	NQA1311-02	01/14/07 17:13
cis-1,2-Dichloroethene	ND	53.6		ug/L	50 0	107%	69 - 135	7012189	NQA1311-02	01/14/07 17:13
1,1-Dichloroethene	ND	29.3	M8	ug/L	50.0	59%	66 - 140	7012189	NQA1311-02	01/14/07 17:13
trans-1,2-Dichloroethene	ND	58.2		ug/L	50.0	116%	68 - 142	7012189	NQA1311-02	01/14/07 17:13
1,3-Dichloropropane	ND	69.2	M7	ug/L	50 0	138%	78 - 128	7012189	NQA1311-02	01/14/07 17:13
1,2-Dichloropropane	ND	50.1		ug/L	50.0	100%	73 - 128	7012189	NQA1311-02	01/14/07 17:13
2,2-Dichloropropane	ND	20.8		ug/L	50.0	42%	25 - 156	7012189	NQA1311-02	01/14/07 17:13
cis-1,3-Dichloropropene	1.14	71.0	M7	ug/L	50.0	140%	62 - 135	7012189	NQA1311-02	01/14/07 17:13
trans-1,3-Dichloropropene	1.91	68.6	M7	ug/L	50.0	133%	54 - 124	7012189	NQA1311-02	01/14/07 17:13

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Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
7012189-MS1										
1,1-Dichloropropene	ND	53.3		ug/L	50.0	107%	72 - 138	7012189	NQA1311-02	01/14/07 17:13
Ethylbenzene	ND	52.2		ug/L	50.0	104%	70 - 143	7012189	NQA1311-02	01/14/07 17:13
Hexachlorobutadiene	ND	50.6		ug/L	50.0	101%	41 - 156	7012189	NQA1311-02	01/14/07 17:13
2-Hexanone	ND	404	M7	ug/L	250	162%	67 - 142	7012189	NQA1311-02	01/14/07 17:13
Isopropylbenzene	ND	55.8		ug/L	50.0	112%	63 - 143	7012189	NQA1311-02	01/14/07 17:13
p-Isopropyltoluene	ND	57.6		ug/L	50.0	115%	52 - 156	7012189	NQA1311-02	01/14/07 17:13
Methyl tert-Butyl Ether	ND	56.4		ug/L	50.0	113%	62 - 135	7012189	NQA1311-02	01/14/07 17:13
Methylene Chloride	ND	59.5		ug/L	50.0	119%	71 - 130	7012189	NQA1311-02	01/14/07 17:13
4-Methyl-2-pentanone	8.01	414	M7	ug/L	250	162%	74 - 139	7012189	NQA1311-02	01/14/07 17:13
Naphthalene	1.83	42.0		ug/L	50.0	80%	40 - 161	7012189	NQA1311-02	01/14/07 17:13
n-Propylbenzene	ND	54.7		ug/L	50.0	109%	67 - 146	7012189	NQA1311-02	01/14/07 17:13
Styrene	ND	51.4		ug/L	50.0	103%	39 - 162	7012189	NQA1311-02	01/14/07 17:13
1,1,1,2-Tetrachloroethane	ND	57.6		ug/L	50.0	115%	72 - 139	7012189	NQA1311-02	01/14/07 17:13
1,1,2,2-Tetrachloroethane	ND	48.7		ug/L	50.0	97%	71 - 139	7012189	NQA1311-02	01/14/07 17:13
Tetrachloroethene	4.44	73.7		ug/L	50.0	139%	64 - 143	7012189	NQA1311-02	01/14/07 17:13
Toluene	ND	71.5	M7	ug/L	50.0	143%	70 - 137	7012189	NQA1311-02	01/14/07 17:13
1,2,3-Trichlorobenzene	0.890	36.8		ug/L	50.0	72%	45 - 150	7012189	NQA1311-02	01/14/07 17:13
1,2,4-Trichlorobenzene	2.00	44.8		ug/L	50.0	86%	51 - 144	7012189	NQA1311-02	01/14/07 17:13
1,1,2-Trichloroethane	ND	69.2	M7	ug/L	50.0	138%	76 - 132	7012189	NQA1311-02	01/14/07 17:13
1,1,1-Trichloroethane	ND	22.1	M8	ug/L	50.0	44%	65 - 143	7012189	NQA1311-02	01/14/07 17:13
Trichloroethene	ND	49.8		ug/L	50.0	100%	70 - 137	7012189	NQA1311-02	01/14/07 17:13
Trichlorofluoromethane	ND	18.9	M8	ug/L	50.0	38%	49 - 159	7012189	NQA1311-02	01/14/07 17:13
1,2,3-Trichloropropane	ND	70.7	M7	ug/L	50.0	141%	63 - 135	7012189	NQA1311-02	01/14/07 17:13
1,3,5-Trimethylbenzene	ND	54.8		ug/L	50.0	110%	36 - 162	7012189	NQA1311-02	01/14/07 17:13
1,2,4-Trimethylbenzene	ND	55.0		ug/L	50.0	110%	49 - 152	7012189	NQA1311-02	01/14/07 17:13
Vinyl chloride	ND	35.1		ug/L	50.0	70%	49 - 148	7012189	NQA1311-02	01/14/07 17:13
Xylenes, total	ND	160		ug/L	150	107%	62 - 147	7012189	NQA1311-02	01/14/07 17:13
Surrogate: 1,2-Dichloroethane-d4		34.6		ug/L	50.0	69%	62 - 142	7012189	NQA1311-02	01/14/07 17:13
Surrogate: Dibromofluoromethane		33.6	Z6	ug/L	50.0	67%	78 - 123	7012189	NQA1311-02	01/14/07 17:13
Surrogate: Toluene-d8		73.5	Z1	ug/L	50.0	147%	79 - 120	7012189	NQA1311-02	01/14/07 17:13
Surrogate: 4-Bromofluorobenzene		53.4		ug/L	50.0	107%	75 - 133	7012189	NQA1311-02	01/14/07 17:13

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
7012189-MSD1												
Acetone	2.50	131	M8	ug/L	250	51%	56 - 147	21	22	7012189	NQA1311-02	01/14/07 17:36
Benzene	ND	48.0		ug/L	50 0	96%	74 - 130	4	15	7012189	NQA1311-02	01/14/07 17:36
Bromobenzene	ND	49.6		ug/L	50.0	99%	71 - 142	3	17	7012189	NQA1311-02	01/14/07 17:36
Bromochloromethane	ND	46 2		ug/L	50.0	92%	71 - 137	10	15	7012189	NQA1311-02	01/14/07 17:36
Bromodichloromethane	ND	48.9		ug/L	50.0	98%	66 - 145	5	17	7012189	NQA1311-02	01/14/07 17:36
Bromoform	ND	44.3		ug/L	50.0	89%	41 - 129	0.2	19	7012189	NQA1311-02	01/14/07 17:36
Bromomethane	ND	12.6		ug/L	50.0	25%	21 - 173	30	41	7012189	NQA1311-02	01/14/07 17:36
2-Butanone	ND	227		ug/L	250	91%	62 - 142	0	17	7012189	NQA1311-02	01/14/07 17:36
sec-Butylbenzene	ND	55.4		ug/L	50 0	111%	62 - 146	1	21	7012189	NQA1311-02	01/14/07 17:36
n-Butylbenzene	ND	50.9		ug/L	50.0	102%	58 - 150	1	23	7012189	NQA1311-02	01/14/07 17:36
tert-Butylbenzene	ND	54 0		ug/L	50.0	108%	68 - 143	1	20	7012189	NQA1311-02	01/14/07 17:36
Carbon disulfide	ND	55.8		ug/L	50.0	112%	38 - 149	16	50	7012189	NQA1311-02	01/14/07 17:36
Carbon Tetrachloride	ND	37.1		ug/L	50 0	74%	60 - 153	9	18	7012189	NQA1311-02	01/14/07 17:36
Chlorobenzene	ND	46.7		ug/L	50 0	93%	78 - 131	3	15	7012189	NQA1311-02	01/14/07 17:36
Chlorodibromomethane	ND	46.1	R2	ug/L	50 0	92%	59 - 137	33	18	7012189	NQA1311-02	01/14/07 17:36
Chloroethane	ND	32 7		ug/L	50 0	65%	57 - 150	22	36	7012189	NQA1311-02	01/14/07 17:36
Chloroform	ND	48.0	R2	ug/L	50.0	96%	69 - 135	41	16	7012189	NQA1311-02	01/14/07 17:36
Chloromethane	ND	49.7		ug/L	50.0	99%	22 - 154	35	46	7012189	NQA1311-02	01/14/07 17:36
2-Chlorotoluene	ND	51.1		ug/L	50.0	102%	78 - 138	3	17	7012189	NQA1311-02	01/14/07 17:36
4-Chlorotoluene	ND	50.7		ug/L	50 0	101%	73 - 139	2	16	7012189	NQA1311-02	01/14/07 17:36
1,2-Dibromo-3-chloropropane	ND	46.4		ug/L	50 0	93%	43 - 140	3	20	7012189	NQA1311-02	01/14/07 17:36
1,2-Dibromoethane (EDB)	ND	49.3		ug/L	50.0	99%	79 - 132	4	16	7012189	NQA1311-02	01/14/07 17:36
Dibromomethane	ND	39.4		ug/L	50 0	79%	66 - 137	6	16	7012189	NQA1311-02	01/14/07 17:36
1,4-Dichlorobenzene	ND	47.8		ug/L	50.0	96%	72 - 130	1	16	7012189	NQA1311-02	01/14/07 17:36
1,3-Dichlorobenzene	ND	49 1		ug/L	50 0	98%	75 - 134	3	17	7012189	NQA1311-02	01/14/07 17:36
1,2-Dichlorobenzene	ND	49.6		ug/L	50.0	99%	80 - 133	3	16	7012189	NQA1311-02	01/14/07 17:36
Dichlorodifluoromethane	ND	15.4		ug/L	50.0	31%	19 - 126	12	21	7012189	NQA1311-02	01/14/07 17:36
1,1-Dichloroethane	ND	53.6	R2	ug/L	50.0	107%	74 - 133	51	17	7012189	NQA1311-02	01/14/07 17:36
1,2-Dichloroethane	2.27	42.3		ug/L	50.0	80%	55 - 148	6	19	7012189	NQA1311-02	01/14/07 17:36
cis-1,2-Dichloroethene	ND	50.1		ug/L	50.0	100%	69 - 135	7	16	7012189	NQA1311-02	01/14/07 17:36
1,1-Dichloroethene	ND	42.6	R2	ug/L	50.0	85%	66 - 140	37	34	7012189	NQA1311-02	01/14/07 17:36
trans-1,2-Dichloroethene	ND	54 7		ug/L	50.0	109%	68 - 142	6	21	7012189	NQA1311-02	01/14/07 17:36
1,3-Dichloropropane	ND	45.8	R2	ug/L	50.0	92%	78 - 128	41	16	7012189	NQA1311-02	01/14/07 17:36
1,2-Dichloropropane	ND	47.6		ug/L	50 0	95%	73 - 128	5	15	7012189	NQA1311-02	01/14/07 17:36
2,2-Dichloropropane	ND	36.7	R2	ug/L	50.0	73%	25 - 156	55	16	7012189	NQA1311-02	01/14/07 17:36
cis-1,3-Dichloropropene	1.14	69 3	M7	ug/L	50.0	136%	62 - 135	2	19	7012189	NQA1311-02	01/14/07 17:36
trans-1,3-Dichloropropene	1.91	59.4		ug/L	50 0	115%	54 - 124	14	19	7012189	NQA1311-02	01/14/07 17:36
1,1-Dichloropropene	ND	51.1		ug/L	50.0	102%	72 - 138	4	17	7012189	NQA1311-02	01/14/07 17:36
Ethylbenzene	ND	50.8		ug/L	50.0	102%	70 - 143	3	15	7012189	NQA1311-02	01/14/07 17:36
Hexachlorobutadiene	ND	57.9		ug/L	50.0	116%	41 - 156	13	35	7012189	NQA1311-02	01/14/07 17:36
2-Hexanone	ND	270	R2	ug/L	250	108%	67 - 142	40	18	7012189	NQA1311-02	01/14/07 17:36

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client Hart & Hickman (2162)
2923 South Tyron Street, Suite 100
Charlotte, NC 28203-5449
Attn Mike Crouch

Work Order: NQA1311
Project Name: Hart & Hickman (SC)
Project Number: GDR-006 / GODRICH-DELAVAN
Received: 01/13/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
7012189-MSD1												
Isopropylbenzene	ND	54.8		ug/L	50.0	110%	63 - 143	2	17	7012189	NQA1311-02	01/14/07 17:36
p-Isopropyltoluene	ND	57 2		ug/L	50.0	114%	52 - 156	0.7	21	7012189	NQA1311-02	01/14/07 17:36
Methyl tert-Butyl Ether	ND	53.5		ug/L	50 0	107%	62 - 135	5	16	7012189	NQA1311-02	01/14/07 17:36
Methylene Chloride	ND	53.4		ug/L	50 0	107%	71 - 130	11	19	7012189	NQA1311-02	01/14/07 17:36
4-Methyl-2-pentanone	8.01	417	M7	ug/L	250	164%	74 - 139	0.7	18	7012189	NQA1311-02	01/14/07 17:36
Naphthalene	1.83	41.9		ug/L	50 0	80%	40 - 161	0.2	34	7012189	NQA1311-02	01/14/07 17:36
n-Propylbenzene	ND	53.6		ug/L	50 0	107%	67 - 146	2	18	7012189	NQA1311-02	01/14/07 17:36
Styrene	ND	50.9		ug/L	50 0	102%	39 - 162	1	22	7012189	NQA1311-02	01/14/07 17:36
1,1,1,2-Tetrachloroethane	ND	55.0		ug/L	50 0	110%	72 - 139	5	16	7012189	NQA1311-02	01/14/07 17:36
1,1,2,2-Tetrachloroethane	ND	47.0		ug/L	50.0	94%	71 - 139	4	16	7012189	NQA1311-02	01/14/07 17:36
Tetrachloroethene	4.44	50.8	R2	ug/L	50 0	93%	64 - 143	37	20	7012189	NQA1311-02	01/14/07 17:36
Toluene	ND	70.4	M7	ug/L	50 0	141%	70 - 137	2	15	7012189	NQA1311-02	01/14/07 17:36
1,2,3-Trichlorobenzene	0.890	39.2		ug/L	50 0	77%	45 - 150	6	33	7012189	NQA1311-02	01/14/07 17:36
1,2,4-Trichlorobenzene	2.00	45.4		ug/L	50 0	87%	51 - 144	1	26	7012189	NQA1311-02	01/14/07 17:36
1,1,2-Trichloroethane	ND	46.1	R2	ug/L	50 0	92%	76 - 132	40	16	7012189	NQA1311-02	01/14/07 17:36
1,1,1-Trichloroethane	ND	49.3	R2	ug/L	50 0	99%	65 - 143	76	17	7012189	NQA1311-02	01/14/07 17:36
Trichloroethene	ND	47.2		ug/L	50.0	94%	70 - 137	5	17	7012189	NQA1311-02	01/14/07 17:36
Trichlorofluoromethane	ND	29.6	R2	ug/L	50.0	59%	49 - 159	44	42	7012189	NQA1311-02	01/14/07 17:36
1,2,3-Trichloropropane	ND	60.4		ug/L	50.0	121%	63 - 135	16	18	7012189	NQA1311-02	01/14/07 17:36
1,3,5-Trimethylbenzene	ND	53.4		ug/L	50 0	107%	36 - 162	3	20	7012189	NQA1311-02	01/14/07 17:36
1,2,4-Trimethylbenzene	ND	52.5		ug/L	50.0	105%	49 - 152	5	18	7012189	NQA1311-02	01/14/07 17:36
Vinyl chloride	ND	32.5		ug/L	50.0	65%	49 - 148	8	50	7012189	NQA1311-02	01/14/07 17:36
Xylenes, total	ND	156		ug/L	150	104%	62 - 147	3	16	7012189	NQA1311-02	01/14/07 17:36
Surrogate: 1,2-Dichloroethane-d4		51.3		ug/L	50 0	103%	62 - 142			7012189	NQA1311-02	01/14/07 17:36
Surrogate: Dibromofluoromethane		49.0		ug/L	50 0	98%	78 - 123			7012189	NQA1311-02	01/14/07 17:36
Surrogate: Toluene-d8		75.0	Z1	ug/L	50 0	150%	79 - 120			7012189	NQA1311-02	01/14/07 17:36
Surrogate: 4-Bromofluorobenzene		52.4		ug/L	50 0	105%	75 - 133			7012189	NQA1311-02	01/14/07 17:36

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Client	Hart & Hickman (2162) 2923 South Tyron Street, Suite 100 Charlotte, NC 28203-5449	Work Order:	NQA1311
		Project Name:	Hart & Hickman (SC)
		Project Number:	GDR-006 / GODRICH-DELAVAN
Attn	Mike Crouch	Received:	01/13/07 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	South Carolina
SW846 8260B	Water	N/A	X	X

Client	Hart & Hickman (2162) 2923 South Tyron Street, Suite 100 Charlotte, NC 28203-5449	Work Order:	NQA1311
		Project Name:	Hart & Hickman (SC)
		Project Number:	GDR-006 / GODRICH-DELAVAN
Attn	Mike Crouch	Received:	01/13/07 08:00

DATA QUALIFIERS AND DEFINITIONS

M7	The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).
M8	The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).
R2	The RPD exceeded the acceptance limit.
Z1	Surrogate recovery was above acceptance limits.
Z6	Surrogate recovery was below acceptance limits.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

NQA1311

Nashville Division
COOLER RECEIPT FORM BC#

Cooler Received/Opened On: January 13, 2007@ 800
. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 6875

Fed-Ex

2. Temperature of representative sample or temperature blank when opened: 5.0 Degrees Celsius
(indicate IR Gun ID#)

982

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where:

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial).....

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial).....

I certify that I attached a label with the unique LIMS number to each container (intial).....

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #

HOLLY ONCE TRIP BLANK SENT

BIS = Broken in shipment

TestAmerica
ANALYTICAL TESTING CORPORATION

NQA1311
01/22/07 23:59

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: YES

Client Name: HART & HICKMAN, PC Client #: 2162
Address: 2923 S. TRYON STREET, STE 100
City/State/Zip Code: CHARLOTTE, NC 28203
Project Manager: MIKE CROUCH
Telephone Number: 704.586.0007 Fax: 704.586.0373
Sampler Name: (Print Name) SHANNON L. COTRILL
Sampler Signature: [signature]

Project Name: GOODRICH-DELAVAN
Project #: GDR-006
Site/Location ID: BAMBERG State: SC
Report To: MIKE CROUCH
Invoice To: HART & HICKMAN, PC
Quote #: PO#:

TAT: X Standard (5-DAY TAT) ___ Rush (surcharges may apply)
Date Needed: 1-19-07
Fax Results: (Y) N

QC Deliverables: None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other: ___

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: 8260B (VOCs) 601 LIST ONLY										REMARKS
TRIAZON WSW	1-12-07	1325	G	N	DW		3						X		01								601 LIST ONLY
THOMAS WSW	1-12-07	1335	G	N	DW		3						X		02								601 LIST ONLY
TRIP BLANK	—	—	—	—	W		2						X		03								601 LIST ONLY

Special Instructions: ANALYZE SAMPLES VIA EPA METHOD 8260B (601 LIST ONLY)
REPORT TO: mcrouch@harthickman.com
scottrill@harthickman.com

Relinquished By	Date	Time	Received By	Date	Time
[signature]	1-12-07	1800			
			[signature]	1/13/07	800

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 5.0
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment: