midwest engineering services, inc.

geotechnical • environmental • materials engineers



October 7, 2008

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MPL Realty c/o Mr. William Puchner W302 N6015 Spence Road Hartland, WI 53029

Subject: Groundwater Monitoring Report

Former Wire and Metal Specialties 4021 South Kinnickinnic Avenue

St. Francis, Wisconsin

FID#: 241039920 BRR/ERP BRRTS#: 02-41-184461 MES Project No. 7-21058-5

Dear Mr. Puchner,

In accordance with your authorization, this Groundwater Monitoring Report has been completed by Midwest Engineering Services, Inc. for the above referenced site. A summary of the activities and results of the analytical testing are included in the following report, two (2) copies of which are included herein. One (1) copy of this report was also submitted to the Southeast District of the WDNR.

Midwest Engineering Services, Inc. appreciates the opportunity to be of service on this project. If you have any questions concerning this report or if we can be of further assistance, please feel free to contact us.

Sincerely yours,

MIDWEST ENGINEERING SERVICES, INC.

Michael W. Rehfeldt Project Geologist

Patrick J. Patterson, P.E., P.G.

Department Manager Environmental Services

James M. Becco, P.E. Region Manager

cc: Mr. Andrew Boettcher (WDNR - Southeast Region)

GROUNDWATER MONITORING REPORT

Former Wire and Metal Specialties
4021 South Kinnickinnic Avenue
St. Francis, Wisconsin

Prepared for:

MPL Realty

W302 N6015 Spence Road

Hartland, Wisconsin 53029

MES Project No. 7-21058-5

BRRTS #: 02-41-184461

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INTRODUCTION

General

This report presents the results of the groundwater sampling performed at the property located at 4021 South Kinnickinnic Avenue, in the City of St. Francis, Wisconsin. The groundwater sampling activities and preparation of this report was performed for MPL Realty Property (MPL), at the request and authorization of Mr. William Puchner (MPL).

Purpose and Scope

The purpose of the activities was to obtain groundwater samples from the existing monitoring wells and piezometers, as specified by the WDNR in a previous response letter, for the purpose of a groundwater quality and natural attenuation evaluation. The sampling was performed by Ms. Lacey Twelmeyer on August 6, 2008.

Authorization

Authorization to perform these monitoring services was in the form of a signed acceptance copy of MES Proposal No. 7-8196, dated July 22, 2008, and signed by Mr. William Puchner on July 30, 2008. The general conditions for the performance of the work were referenced in the proposal. This groundwater monitoring report has been prepared on behalf of, and exclusively for the use of MPL. The information contained in this report may not be relied upon by any other party without the express written consent of MES and MPL, and acceptance by such parties of MES' General Conditions.

SITE FEATURES AND BACKGROUND INFORMATION

Site Features

The project site is the former Wire and Metal Specialties Company property, located at 4021 South Kinnickinnic, in St. Francis, Wisconsin. The site was previously owned by MPL Realty(MPL); however, is currently owned and occupied by the Badger Plating Company (Badger). It is situated within the Northeast ¼ of the Northeast ¼ of Section 22, Township 6 North, and Range 22 East of Milwaukee County. The location of the subject site is indicated on the attached Figure 1.

The subject site is occupied primarily by an approximate 15,000 square-foot, slab-on-grade structure that is currently utilized by Badger for the finishing, assembly and storage of metal parts and components. In addition, two (2) small slab-on-grade storage shed outbuildings occupy part of the southwestern portion of the subject property situated southwest of the main facility. It is understood that no metal plating activities are performed at the subject site. In addition, the property is zoned M1 (light manufacturing), which does not allow for metal plating operations. The primary activities performed at the subject site are finish buffing, storage and

assembly of metal parts. It is understood that the current owner (Badger) purchased the subject property from MPL in 2006, and that the intended future use and zoning of the site will remain unchanged. The site and surrounding properties are serviced with natural gas and electric utilities, and municipal water and wastewater systems. No known storage tanks for petroleum products or chlorinated solvent products are currently present within the subject site.

The topography of the subject site is relatively level. As indicated on Figure 1, the ground surface elevation of the site is approximately 670 feet above mean sea level. As indicated on Figure 2 in the Appendix, the subject site is occupied by the main facility, two storage sheds, an asphalt paved driveway and parking lot, and concrete paved loading dock area. Additionally, a grass covered area and landscape feature is present within the northeast portion of the site.

No public or private water wells are indicated to be located within 1,000 feet of the site, and no rivers, creeks, ponds, lakes, or wetlands are located nearby. A railroad right-of-way and associated buried signal lines are located immediately adjacent to the west, and are lower in elevation than the subject site. Other utilities located within the area of the railroad right-of-way include: a buried high-pressure natural gas pipeline, a buried communications cable, and tower mounted high power electric lines.

Project Background

As indicated in the previous reports that have been submitted to the WDNR, residual chlorinated solvent affected soil and groundwater is present at the subject site as a result of a past release (or releases) that occurred within the subject property. Also, residual petroleum contaminants are present within the groundwater at the subject site as a result of off-site migration from a previously reported and closed LUST case on the southern adjoining Citgo Service station property. Based on the previously reported information, it appears that the primary area of chlorinated affected soil at the subject site is situated below the pavement and structures within the southwest portion of the property. This affected area appears to extend vertically from near the ground surface to a depth of approximately 8 feet, and extends laterally from beneath the metal sheds near the southwest property boundary to beneath the southern portion of the main structure. The past reports indicated that the highest chlorinated solvent related VOC concentrations in the soil were detected beneath the asphalt paved area between the metal sheds and the main building, within the southwest portion of the property. Also, a secondary area of chlorinated solvent impact to soil was previously reported to be located approximately 20 feet north of the primary area, and situated beneath the west-central portion of the main building. The extent of these two areas of chlorinated solvent impacted soils has been substantially defined during past studies.

Past laboratory analysis of groundwater samples collected from MW-9, located near the north boundary of the subject site, indicate the presence of petroleum related VOCs at concentrations in excess of respective WDNR Preventive Action Limits (PAL) and Enforcement Standards (ES). Also, during the August 2004 and subsequent sampling events,

about 7-inches of petroleum product ("free product") were observed, sampled and removed from within MW-9. However, no substantial petroleum related contamination was detected within the groundwater samples collected from the nearby piezometers PZ-1 and PZ-2.

No known petroleum storage tanks are currently present at the subject site, and no petroleum storage tanks are known to have previously been located within the subject site. In addition, no substantial quantities of petroleum products are currently or were previously used or stored at the subject site. As such, it appears likely that the presence of the petroleum related compounds (and the free product) in the vicinity of MW-9 is the result of an off-site source. It is known that the southern adjoining property is a former LUST site, and that residual petroleum related soil and groundwater impacts have migrated north from this LUST site onto the subject site, and remain present within the subject property. Additionally, the northern adjoining property (situated within about 5 feet from the location of MW-9) is utilized for the storage of numerous vehicles, and a nearby garage on the northern adjoining property is utilized for vehicle maintenance activities. The garage and vehicles are located about five to ten feet north, beyond the northwest boundary of the subject site. Considering the lack of a potential source for a petroleum release within the subject site, the apparent use of the northern adjoining property, and the known past petroleum migration from the southern property, it appears that the northern adjoining property, and/or residual effects from the southern adjacent gasoline service station property are likely sources for the petroleum related impacts within the subject site.

With regard to the groundwater within the subject site, the past laboratory analysis results from the monitoring wells (MW-7, MW-102, MW-9, MW-10) and piezometers (PZ-1 and PZ-2) indicated that chlorinated VOCs were detected at concentrations in excess of respective Preventive Action Limits and Enforcement Standards. The locations of these wells and piezometers are indicated on Figure 2, located in the Appendix. The greatest concentrations were detected at MW-9 and nearby PZ-1 (both located near the north boundary of the northwest portion of the subject site). The previously observed and reported groundwater geochemical parameters at the subject site are generally characteristic of conditions that are suitable for natural attenuation of the chlorinated solvent compounds. Also, the detected presence of constituents that are representative of breakdown products of the primary chlorinated solvent VOCs have indicated that natural biodegradation and attenuation processes are occurring within the affected zone. There has been no obvious indication within the previously reported data that the on-site plume is expanding, or that it poses an imminent threat to migrate off-site or impact a sensitive receptor. In general, the cumulative results of laboratory data that has been collected at the subject site for more than 10 years indicate that the plume to be stable. Also, the affected groundwater appears to be limited to a perched aquifer and no chlorinated solvent impact was detected within down-gradient well MW-12. As such, the residual affected shallow groundwater zone does not appear to present a substantial threat or widespread impact to the environment.

On May 10, 2007, MES submitted a Supplemental ERP Site Assessment and Case Closure Review Report (MES Report No. 7-21058-3), with a completed WDNR Case Summary and Case Close Out Request form. The WDNR provided a response letter, dated October 17, 2007, in which additional field data was requested prior to the closure of the site by the State,

that included (along with other issues that have been previously addressed) the additional collection of groundwater samples from the monitoring wells and piezometers, and analysis of the samples for volatile organic compounds (VOCs). Subsequently, MPL Realty requested MES to perform one (1) additional groundwater sampling event to evaluate the VOC concentrations at the subject site, and the results of the sampling event are presented in the following paragraphs.

FIELD PROCEDURES

Scope Summary

The scope of services described in this report included the collection and laboratory testing of groundwater samples from monitoring wells MW-102, MW-7, MW-9, MW-10, and piezometers PZ-1 and PZ-2, and an analysis of the laboratory data results. At the time of the monitoring and sample collection event, the seasonal groundwater level was below the bottom of MW-12. As such, no sample was collected from MW-12. In addition, prior to the sample collection activities, apparent petroleum free product was observed within monitoring well MW-9. The free product was removed and contained in a drum for future sampling and disposal purposes, and MW-9 was subsequently purged prior to groundwater sample collection.

The collected groundwater samples were submitted for analysis for the presence of VOCs. The sampling was structured to focus specifically on VOCs associated with the past chlorinated solvent release at the subject site. This sampling event is not intended to be, nor should it be construed as, an all-inclusive sampling for hazardous substances or an evaluation of geochemical parameters for natural attenuation processes. The locations of the wells and piezometers are indicated on the Site Layout and Groundwater Monitoring Well/Piezometer Location Diagram (Figure 2), in the Appendix.

Monitoring Well/Piezometer Sampling

The existing monitoring wells and piezometers were sampled by purging and sampling with a single use disposable Teflon bailer at each well. The groundwater samples were transferred into laboratory prepared containers. The vials supplied for the VOC analyses contained Hydrochloric Acid preservative. The sample containers were placed on ice and standard chain of custody procedures were utilized. The groundwater samples were analyzed by Pace Analytical Services, Inc., of Green Bay, Wisconsin. The VOC results are summarized on Table 1, included in Appendix. Copies of the analytical reports and chain of custody are also provided in the Appendix.

Groundwater Level Observations

Ground surface elevations at each of the well and piezometer locations, and the elevation of the top of each monitoring well PVC riser pipe were determined by MES personnel using conventional leveling techniques. The northern bolt on the bottom flange of the fire hydrant

located east of the subject property (across South Kinnickinnic Avenue), was used as a benchmark, with an assigned reference elevation of 100.00 feet. Groundwater level measurements were taken in the monitoring wells and piezometers prior to development and sampling. These relative groundwater level measurements are indicated on the attached Table 2, "Groundwater Elevations". In addition, the locations of the groundwater monitoring wells and piezometers are indicated on the attached Figure 2.

ANALYTICAL TEST RESULTS

The results of the VOC laboratory analyses for detected compounds are summarized on Table 1, located in the Appendix, along with their respective Preventive Action Limits (PAL) and Enforcement Standards (ES), where established. The Enforcement Standard and Preventive Action Limit are Groundwater Quality standards which have been established in NR 140 of the Wisconsin Administrative Code. These Standards are referenced by the WDNR when evaluating the need for further study or remedial activities. The PAL is the more stringent guideline, in terms of being lesser in magnitude than the ES, but will typically require less response action when exceeded. The required action is determined by the WDNR after their review of various site specific considerations.

Groundwater samples were obtained from monitoring wells MW-102, MW-7, MW-9, MW-10, and piezometers PZ-1 and PZ-2. The results of the laboratory analyses of indicate that chlorinated related VOCs were detected in samples from MW-102, MW-7, MW-9, MW-10, PZ-1 and PZ-2. The greatest concentrations were detected within the samples from MW-10 and PZ-1. In general, the overall results indicate that the detected chlorinated related VOC concentrations appear to be relatively consistent with previous results, and with an historical trend of stabilized levels. Also, although some apparent petroleum free product was observed and removed from MW-9 prior to purging and sample collection, the laboratory analysis results indicated that substantial reductions in the quantity and concentration of solvent related VOCs were detected in MW-9 when compared to past results.

Chlorinated VOCs were detected at concentrations in excess of the PAL during this recent sampling event in water samples collected at monitoring wells MW-102 (cis-1,2-DCE, PCE and 1,1,1-TCA), MW-7 (PCE), MW-9 (cis-1,2-DCE), MW-10 (1,1,1-TCA), and at piezometer PZ-2 (cis-1,2-DCE). In addition, chlorinated VOCs at concentrations in excess of the ES were detected at monitoring wells MW-7 (TCE), MW-102 (TCE), MW-9 (TCE and Vinyl Chloride), MW-10 (PCE and TCE), piezometer PZ-1 (1,1-DCE, cis-1,2-DCE, 1,1,1-TCA, TCE and Vinyl Chloride), and at piezometer PZ-2 (TCE and Vinyl Chloride). A summary of the recent and past laboratory groundwater sample analysis results from the sampled monitoring wells and piezometers are provided on Table 1 in the Appendix. Also, the laboratory analytical reports and chain-of-custody are included in the Appendix.

SUMMARY

The results of the sampling conducted to date indicate that chlorinated compounds, at levels exceeding their respective WDNR NR140 ESs or PALs, have been present in wells MW-102, MW-7, MW-9, MW-10, and piezometers PZ-1 and PZ-2 in the samples collected during the 2004 through 2008 sampling events (and previous years at MW-102 and MW-7). In general, the overall results indicate that the detected chlorinated related VOC concentrations to be relatively consistent with previous results, and with an historical trend of stabilized levels. Also, substantial reductions in the quantity and concentration of chlorinated related VOCs were observed in MW-9.

It appears that the substantial area of solvent related VOC impact to the groundwater is within the west portion of the subject property, and situated below the existing structures and paved surfaces. It appears likely that the northern extent of the contaminant plume may have migrated slightly beyond the north boundary of the subject property to within the north adjoining property. The current owner of the northern adjacent property was previously notified of the desire to perform assessment activities to evaluate the potential impact to his property; however, the owner has refused to allow access to his property and has not responded to attempts to contact and/or correspond with him.

The previously reported groundwater geochemical parameters at the subject site are generally characteristic of conditions that are suitable for natural attenuation of the chlorinated solvent compounds. Also, the detected presence of some constituents that are representative of breakdown products of the primary chlorinated solvent VOCs indicate that natural biodegradation and attenuation processes are occurring within the affected zone. There continues to be no obvious indication within the data that the on-site plume is expanding, or that it poses an imminent threat to migrate a substantial distance off-site or impact a sensitive receptor. Additionally, the cumulative results indicate that the plume appears to be generally stable. Also, the affected groundwater appears to be limited generally to a perched aquifer. As such, the residual affected shallow groundwater zone does not appear to present a substantial threat or widespread impact to the environment.

Considering the recent and previously reported information, it does not appear that the residual chlorinated solvent affected soil and shallow perched groundwater zone within the subject site present a significant risk for substantial off-site migration, or an imminent threat to impact the deeper regional groundwater aquifer. In addition, there is no apparent evidence of an imminent threat or risk to human health and welfare, or the environment and other sensitive receptors if allowed to remain in-place. Subject to WDNR concurrence, it appears that the NR726 and the NR746.08 closure criteria will be satisfied upon compliance with WDNR required institutional controls such as a deed notice for residual affected soils, a groundwater use restriction, and recorded entry to the WDNR soil and groundwater GIS Registry. On this basis, and considering the stable chlorinated solvent related VOC contaminant trends and evidence of natural attenuation suitability and processes, this ERP case should be closed, subject to the review and concurrence of the WDNR.

With regard to MW-9, no known petroleum storage tanks are currently present at the subject site, and no petroleum storage tanks are known to have previously been located within the subject site. Further, no substantial quantities of petroleum products are currently or were previously used at the subject site. It is known that the southern adjoining property is a former LUST site, and that residual petroleum related soil and groundwater impacts have migrated from this LUST site into the subject site, and remain present within the subject property. Additionally, the northern adjoining property (within about 5 feet from the location of MW-9) is utilized for the storage of numerous vehicles, and a nearby garage on the northern adjoining property is utilized for vehicle maintenance activities. The garage and vehicles are located about five to ten feet north, beyond the northwest boundary of the subject site. As such, considering the lack of a potential source for a petroleum release within the subject site, the apparent use of the northern adjoining property, and the known past petroleum migration from the southern adjoining former LUST site, it appears likely that the presence of the petroleum related compounds (and the free product) in the vicinity of MW-9 is the result of an off-site source or sources.

GENERAL COMMENTS

These services have been conducted in a manner consistent with that level of care ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. The findings, recommendations and opinions contained herein have been promulgated in accordance with generally accepted practice in similar fields. No other representations, expressed or implied, and no warranty or guarantee is included or intended in this report.

The conclusions presented in this report were formulated from the data obtained during the course of exploratory work on the site, which may result in a redirection of conclusions and interpretations where new information is obtained. The regulatory climate and interpretation may also have an effect on the outcome of the environmental assessment for this site.

APPENDIX

APPENDIX

Figure 1: Site Location Map (1)

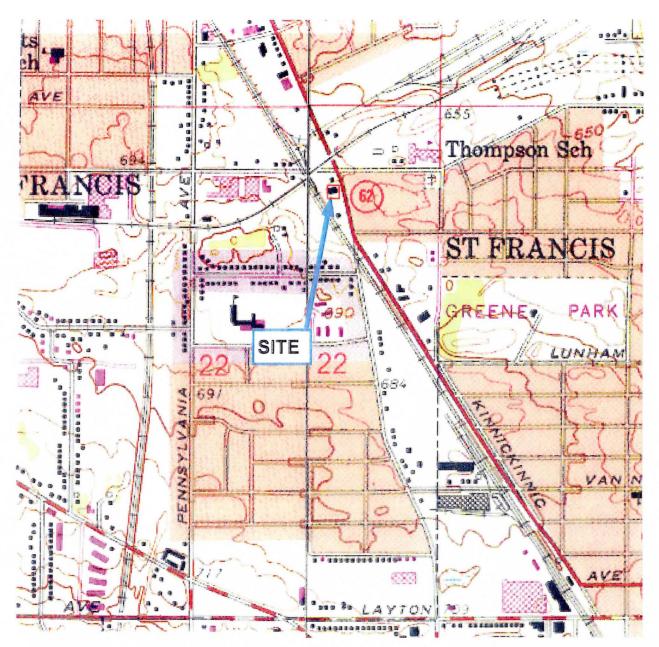
Figure 2: Site Layout with Groundwater Monitoring Well/Piezometer

Locations (1)

Table 1: VOC Groundwater Laboratory Analysis Results (4)

Table 2: Groundwater Elevations (1)

Analytical Data (20) and Chain of Custody (2)



Northeast ¼ of the Northeast ¼ of Section 22, Township 6 North, Range 22 East of Milwaukee County

Source: USGS, 7.5 Minute Topographic—South Milwaukee Quadrangle Map, Dated 1994



Former Wire & Metal Specialties 4021 South Kinnickinnic Avenue St. Francis, Wisconsin

SITE LOCATION MAP

Scale: 1" = 1000' ±

Project No.: 7-21058

Date: 10-7-08

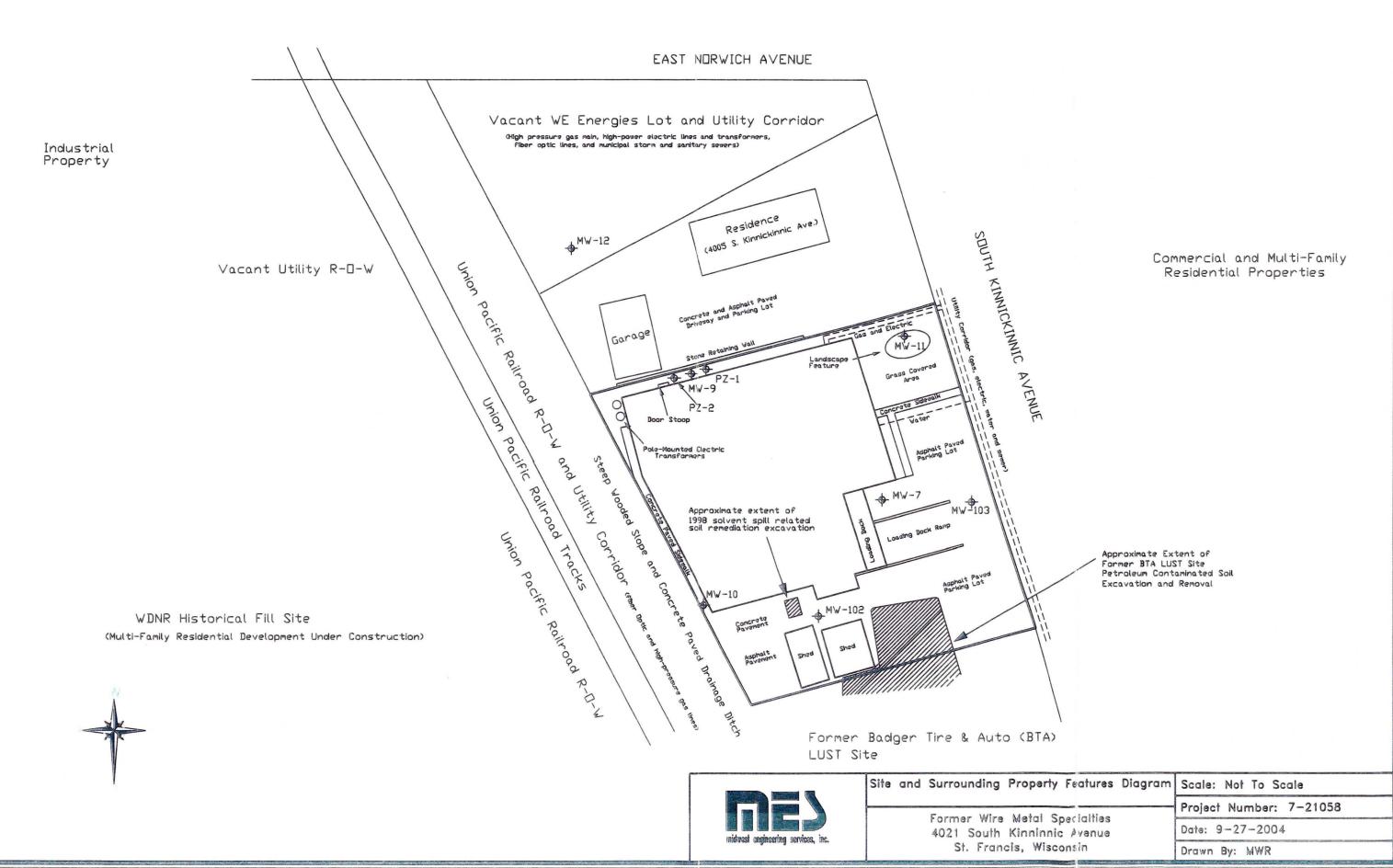


TABLE 1 Former Wire & Metal Specialties Company Site MES Project Number 7-21058 Summary of Groundwater Sample Analysis Results

									·	L	aboratory	/ Analysis	Results	- Volatile	e Organic	Compo	unds (ug/	L)								
Well ID	Date Collected	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butybenzene	tert-Butylbenzene	Chloromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropyltoluene	p-Isopropyltoluene	Methyl tert-butyl ether	n-Propylbenzene	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
	5/12/94*	<u>5.9</u>	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	11/22/95*	<u>6</u>	na	na	па	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	7/10/96*	2.1	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	2/10/97*	0.31	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	5/13/97*	0.74	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	8/28/97*	<u>5.2</u>	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
-	3/10/99**	<u>10</u>		na	na	na		4.1	2.3	2.2	1.1	2.9					na		2.7		120	<u>110</u>				
	7/16/99***	0.51		na	na	na		6.3	1.4	2	0.68					2.1	na		2.2		120	<u>110</u>				
	6/30/00***			na	na	na		17		<u>18</u>	4.1						na		<u>6.5</u>		220	<u>150</u>		<u></u> _		
MW-7	6/27/02								3.88	1.71	0.538					0.993	na		1.64		73.8	83.4				
	8/14/03	<0.5	<0.5				9.29	5.93	2.26	1.87	0.621	<0.5	<0.5			1.53	<0.5	<2.0	2.38	<0.5	76.6	72.0	<1.0	<1.0	<0.17	<0.5
	1/20/04	<0.5	<0.35				9.41	<5.0	1.93	<0.5	<5.0	<5.0	<5.0			1.09	<5.0	<8.0	1.64	<5.0	27	<u>50</u>	<5.0	<5.0	<0.65	<5.0
	8/3/04	<0.5	0.9				<0.44	<0.5	<0.5	10.8	<5.0	<5.0	<5.0			<0.29	<5.0	<8.0	2.39	<5.0	35.6	79.7	<5.0	<5.0	<0.21	<5.0
	12/8/04	<0.34	<0.27				<0.24	<5.0	3.33	<0.45	<5.0	<5.0	<5.0			<0.40	<5.0	<8.0	1.05	<5.0	26.0	36.6	<5.0	<5.0	<0.30	<5.0
	2/28/05	<0.5	<0.39				<0.44	<5.0	<0.5	<0.5	<5.0	<5.0	<5.0			0.31	<5.0	<8.0	1.76	<5.0	37.1	<u>62.2</u>	<5.0	<5.0	<0.21	<5.0
	7/28/05****	na	na				na	na	na	na na	na	na	na			<u>na</u>	na	na	<u>na</u>	na	na	<u>na</u>	na	na	na	na
-	11/30/05	0.46	<0.40	-			<0.40	2.1	<1.0	<1.0	<1.0	<1.0	<1.0			<1.0	<1.0	<0.5	1.7	<0.40	33	<u>60</u>	<0.40	<0.40	<0.40	<1.0
1	4/21/06****	na	na	na	na	na	na	na	na	na	na	na	na na	na	na	na	na	na	na	na	na	na	na	na	na	na
	8/6/08	<1.0	<1.9	<1.0	<1.0	<1.0	<0.8	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	3.8	<1.0	38.7	82.8	<1.0	<1.0	<0.6	<2.0
	8/14/03	11.4	3.86				3.68 18.1	47.7 <50.0	<5.0	28.7	832	42.5 <50.0	229			<3.81	15.8 <50.0	<80.0	<5.0	99.2 219	30.4 <50.0	<u>2,050</u> 168		6.2 16	272 336	835 2,440
l rue v	1/20/04	14.6	<u>122</u>							6.3	432		829			<0.29	104		<0.5	9.56		76.5		662	68.2	
Fice x	8/3/04	3.92	<5.0 <5000				<0.44 <448	<5.0 <5000	<0.5	2.79 <500	<u>182</u> <5000	<5.0	<u>896</u> 1,290,000	<u> </u>			911,000	166 536 000	630	<5000	<5.0 <5000	<500		5,000		2,310 1,180,000
L'Emry	8/3/04 * 12/8/04	<500 3.86	<5000 <5.0				<0.24	<5000 <5.0	<500 <0.38	<0.45	<5.0	<5.0	1,040			<0.40	101	200	<0.29	39.1	<5.0	1.47		543	3.46	2,580
MW-9	2/28/05	4.18	<10.0	_			<0.24	<10.0	<1.0	<1.0	36.7	<10.0	1,220			<0.58	143		<1.0	30.8	<10.0	17.9		694	<u>22.6</u>	3,460
	7/28/05	3.1	<10.0				<2.0	<5.0	<5.0	<5.0	28	<5.0	1,000		-	<5.0	110	163 100	<5.0	22	<5.0			220	<u>22.6</u> <u>12</u>	2,400
	11/30/05	<u>- 3.1</u> -<5.0	<25.0				<5.0	<12	<12	<12	<12	<12	680			<12	82	75	<12	12	<12	<u>44</u> <u>14</u>		<u>50</u>	<5.0	1,500
	4/21/06	<5.0	<25				<5.0 <5.0	44	<12	12	380	21	340	-		<12	47	30	<12	7.8	24	<u>780</u>		3 <u>7</u>	81	640
	8/6/08	<1.0	<1.9	<1.0	<1.0	<1.0	<0.8	2.8	<1.0	<1.0	47.7	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	66.4	<1.0		2.1	<2.0
DNR PA	AL (As of 1/1/07)	0.5	0.06				0.3	85	0.5	0.7	7	20	140			12		10	0.5	200	40	0.5		6	0.02	1,000
	S (As of 1/1/07)	5	0.6				3	850	5	7	70	100	700			60		100	5	1,000	200	5		<u>30</u>	0.2	10,000
JOTES:		_						لـ قصــــ			 _	ليرخصيا								لــــــــــــــــــــــــــــــــــــــ						

DNR PAL = NR140 Preventive Action Limit DNR ES = NR140 Enforcement Standard --- = Not Detected

Bold number indicates concentration exceeds the DNR PAL Underlined and bold number indicates concentration exceeds the DNR ES

* = Results from K. Singh & Associates

** = Results from KEY Engineering Group

*** = Results from HSI Geotrans

a = Not Analyzed or lab analysis results Not Available g/L = Micrograms per Liter = Parts Per Billion

^{**** =} Monitoring well inaccessible at time of sample event

TABLE 1, continued Former Wire & Metal Specialties Company Site MES Project Number 7-21058

Summary of Groundwater Sample Analysis Results

							-			L	aboratory	Analysis	s Results	- Volatile	Organic	Compou	ınds (ug/	L)								
Well ID	Date Collected	Benzene	Chloroethane	n-Butylbenzene	sec-Butybenzene	tert-Butylbenzene	Chloromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropyltoluene	p-Isopropyltoluene	Methyl tert-butyl ether	n-Propylbenzene	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
	7/16/99***	<u>14</u>							2.5		1.7	0.66	7.3			8	na			0.9	16	<u>140</u>	0.56			0.92
	6/30/00***	<u>5.5</u>						5.8	0.84	2.4	5.2		14			5.4	na			0.56	43	<u>59</u>				3.5
	6/27/02	2.38						1.02	0.672		11.9	1.28	8.79			2.55	1.99				1.88	24.2				1.37
	8/14/03	1.76						1.05	0.611		14.7	1.16	1.87			1.77	0.559				3.5	<u>16</u>				
	1/20/04	1.3	<5.0				<0.92	<5.0	1.44	<0.5	14.2	<5.0	<5.0			1.27	<5.0	<8.0	<0.5	<5.0	<5.0	<u>12.8</u>	<5.0	<5.0	<0.65	<5.0
MW-102	8/3/04	1.3	<5.0				<0.44	<5.0	<0.5	<0.5	11.3	<5.0	<5.0		ļ	<0.29	<5.0	<8.0	<0.5	<5.0	<5.0	<u>11,1</u>	<5.0	<5.0	<0.21	<5.0
	12/8/04	1.11	<5.0				<0.24	<5.0	<0.38	<0.45	13.7	<5.0	<5.0			<0.40	<5.0	<8.0	<0.29	<5.0	<5.0	7.68	<5.0	<5.0	<0.30	<5.0
	2/28/05	0.9	<5.0				<0.44	<5.0	<0.5	<0.5	9.6	<5.0	<5.0			<0.29	<5.0	<8.0	<0.5	<5.0	<5.0	<u>10.3</u>	<5.0	<5.0	<0.21	<5.0
	7/28/05	0.55	<1.0	, . <u></u> .			<0.20	<0.5	<0.5	<0.5	6.9	<0.5	<0.5			<0.5	<0.5	<0.25	<0.5	<0.20	<0.5	<u>8.8</u>	<0.20	<0.20	<0.20	<0.5
	11/30/05	0.40	<1.0	_,			<0.20	<0.5	<0.5	<0.5	7.0	<0.5	<0.5			<0.5	<0.5	<0.25	<0.5	<0.20	0.77	<u>9.0</u>	<0.20	<0.20	<0.20	<0.5
	4/21/06	0.86	<1.0				<0.20	<0.5	0.78	<0.5	11	<0.5	<0.5			<0.5	<0.5	<0.25	<0.5	<0.20	<0.5	<u>8.1</u>	0.21	<0.20	<0.20	<0.5
	8/6/08	<1.0	<1.0	<1.0	<1.0	<1.0	<0.8	9.6	<1.0	<1.0	13.1	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	2.6	<1.0	48.1	<u>62.2</u>	<1.0	<1.0	<0.6	<2.0
	06/30/00***															1.9										
	6/27/02																									
MW-103	8/14/03																									
	1/20/04	<0.5	<5.0				<u>14.7</u>	<5.0	<0.5	<0.5	<5.0	<5.0	<5.0			<0.38	<5.0	<8.0	<0.5	<5.0	<5.0	0.72	<5.0	<5.0	<0.65	<5.0
	8/3/04	<0.5	<5.0				<0.44	<5.0	<0.5	<0.5	<5.0	<5.0	<5.0			<0.29	<5.0	<8.0	<0.5	<5.0	<5.0	<0.5	<5.0	<5.0	<0.21	<5.0
	12/8/04	<0.34	<5.0				<0.24	<5.0	<0.38	<0.45	<5.0	<5.0	<5.0		<u></u>	<0.40	<5.0	<8.0	<0.29	<5.0	<5.0	<0.49	<5.0	<5.0	<0.30	<5.0
DNR PA	AL (As of 1/1/07)	0.5	80				0.3	85	0.5	0.7	7	20	140			12		10	0.5	200	40	0.5	9	6	0.02	1,000
DNR E	S (As of 1/1/07)	<u>5</u>	<u>400</u>				<u>3</u>	<u>850</u>	<u>5</u>	7	<u>70</u>	<u>100</u>	<u>700</u>			<u>60</u>		<u>100</u>	<u>5</u>	1,000	<u>200</u>	<u>5</u>	<u>48</u>	<u>80</u>	<u>0.2</u>	<u>10,000</u>

NOTES:

NR PAL = NR140 Preventive Action Limit
■NR ES = NR140 Enforcement Standard

--- = Not Detected

⇒ = Not Analyzed or lab analysis results Not Available

ug/L = Micrograms per Liter = Parts Per Billion
Bold number indicates concentration exceeds the DNR PAL
Underlined and bold number indicates concentration exceeds the DNR ES

TABLE 1, continued Former Wire & Metal Specialties Company Site MES Project Number 7-21058 Summary of Groundwater Sample Analysis Results

										L	aborator	/ Analysis	s Results	- Volatile	e Organic	Compo	ınds (ug	/L)								
Well ID	Date Collected	Benzene	Chloroethane	n-Butylbenzene	sec-Butybenzene	tert-Butylbenzene	Chloromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropyltoluene	p-Isopropyltoluene	Methyl tert-butyl ether	n-Propylbenzene	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
	1/20/04	1.04	<5.0				<0.92	<5.0	<0.5	3.34	<5.0	<5.0	<5.0			<0.38	<5.0	<8.0	<u>21</u>	<5.0	34.2	<u>64.4</u>	<5.0	<5.0	4.06	<5.0
	8/3/04	<0.5	<5.0				<0.44	5.06	<0.5	5.29	<5.0	<5.0	<5.0			<0.29	<0.5	<8.0	<u>49.2</u>	<5.0	87.6	147	<5.0	<5.0	<0.21	<5.0
	12/8/04	<0.34	<5.0				<0.24	<5.0	<0.38	<0.45	5.76	<5.0	<5.0			<0.40	<5.0	<8.0	<u>21.1</u>	<5.0	45.8	<u>72.3</u>	<5.0	<5.0	<u>1.85</u>	<5.0
MW-10	2/28/05	<0.5	<5.0				<0.44	7.82	<0.5	2.41	7.73	<5.0	<5.0			<0.29	<5.0	<8.0	<u>37.8</u>	<5.0	103	<u>142</u>	<5.0	<5.0	4.84	<5.0
	7/28/05	<0.4	<2.0				<0.40	5.7	<1.0	2.2	6.3	<1.0	<1.0			<1.0	<1.0	<0.50	<u>51</u>	<0.40	91	<u>180</u>	<0.40	<0.40	<0.40	<1.0
	11/30/05	<0.4	3.7				<0.40	11	<1.0	2.9	11	<1.0	<1.0			<1.0	<1.0	<0.50	<u>33</u>	<0.40	75	<u>130</u>	<0.40	<0.40	<u>3.8</u>	<1.0
	4/21/06	<0.4	<2.0			•	<0.40	5.4	<1.0	1.5	3.9	<1.0	<1.0			<1.0	<1.0	<0.50	<u>21</u>	<0.40	86	<u>120</u>	<0.40	<0.40	<u>1.5</u>	<1.0
	8/6/08	<2.0	<5.0	<5.0	<5.0	<5.0	<4.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.2	<5.0	<25.0	<u>46.3</u>	<5.0	147	<u>315</u>	<5.0	<5.0	<3.0	<10.0
	8/3/04	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	12/8/04	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
- MW-12	4/20/05	<0.5	<0.39				<0.44	<5.0	<0.5	<0.5	<5.0	<5.0	<5.0			<0.29	<5.0	<8.0	<0.5	<5.0	<5.0	<0.5	<5.0	<5.0	<0.21	<5.0
	11/30/05	<2.0	0.24				<0.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5	<0.25	<0.5	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<5.0
	4/21/06	<2.0	<1.0				<0.20	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			7.8	<0.5	<0.25	<0.5	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<5.0
DNR PA	AL (As of 1/1/07)	0.5	0.06				0.3	85	0.5	0.7	7	20	140			12		10	0.5	200	40	0.5	9	6	0.02	1,000
DNR E	S (As of 1/1/07)	<u>5</u>	<u>0.6</u>				<u>3</u>	<u>850</u>	<u>5</u>	7	<u>70</u>	<u>100</u>	<u>700</u>			<u>60</u>		100	<u>5</u>	1,000	<u>200</u>	<u>5</u>	<u>48</u>	80	<u>0.2</u>	10,000

OTES:

NR PAL = NR140 Preventive Action Limit
DNR ES = NR140 Enforcement Standard

= no standard established

- = Not Detected

ug/L = Micrograms per Liter = Parts Per Billion
Bold number indicates concentration exceeds the DNR PAL
Underlined and bold number indicates concentration exceeds the DNR ES
na = Not Analyzed or lab analysis results Not Available

Former Wire & Metal Specialties Company Site MES Project Number 7-21058 Summary of Groundwater Sample Analysis Results

			_		· · · · · · · · · · · · · · · · · · ·		··			Lat	orator	y Analy	/sis Re	sults -	Volatil	e Orga	nic Co	mpoun	ds (ug/	L)	·····	- -					
Well ID	Date Collected	Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Chloromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	p-Isopropylbenzene	Methyl tert-butyl ether	n-Propylbenzene	Naphthalene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes
	8/3/04	<0.5	<u>4.57</u>				<0.44	50.1	<0.5	<u>108</u>	<u>128</u>	<5.0	<5.0			<0.29	<5.0	<8.0	4.2	<5.0	<u>304</u>	<0.14	<u>405</u>	<5.0	<5.0	<u>15.1</u>	<5.0
	12/8/04	<0.34	<0.27				<0.24	61.7	<0.38	<u>49.6</u>	<u>171</u>	<5.0	<5.0			<0.40	<5.0	<8.0	2.72	<5.0	<u>205</u>	0.81	<u>256</u>	<5.0	<5.0	<u>5.39</u>	<5.0
	2/28/05	<1.0	<0.78				<0.89	90.3	<1.0	<u>61.2</u>	<u>209</u>	<10.0	<10.0			<0.58	<10.0	<16.0	4.5	<10.0	<u>334</u>	1.6	<u>397</u>	<10.0	<10.0	<u>10.1</u>	<10
PZ-1	7/28/05	<2.0	<2.0				<2.0	64	<5.0	<u>51</u>	<u>170</u>	<5.0	<5.0			<5.0	<0.5	<2.5	<5.0	<2.0	<u>310</u>	<2.5	<u>360</u>	<2.0	<2.0	11	<5.0
	11/30/05	<1.6	<1.6				<1.6	57	<4.0	<u>46</u>	<u>160</u>	<4.0	<4.0			<4.0	<4.0	<2.0	<4.0	<1.6	<u>160</u>	<2.0	<u>230</u>	<1.6	<1.6	<u>7.8</u>	<4.0
	4/21/06	<1.6	<1.6				<1.6	74	<4.0	<u>52</u>	<u>170</u>	5.4	<4.0			<4.0	<4.0	<2.0	<4.0	<1.6	<u>280</u>	<2.0	<u>250</u>	<1.6	<1.6	<u>12</u>	<4.0
	8/6/08	<5.0	<9.3	<5.0	<5.0	<5.0	<4.0	79.8	<5.0	<u>56.2</u>	<u>229</u>	5.0	<5.0	<5.0	<5.0	10.2	<5.0	<25.0	<5.0	<5.0	<u>326</u>	<7.0	<u>326</u>	<5.0	<5.0	<u>10.9</u>	<10.0
	4/21/05	<0.5	<0.39				<0.44	12.6	<0.5	1.33	<u>81.8</u>	<5.0	<5.0			<0.29	<5.0	<8.0	0.54	<5.0	<5.0	<0.14	<u>136</u>	<5.0	<5.0	<0.21	<5.0
	7/28/05	<0.4	<0.4				<0.4	7.3	<1.0	1.2	39	1.4	<1.0			<1.0	<1.0	<0.5	<1.0	<4.0	2.3	<0.5	<u>120</u>	<0.4	<0.4	<0.4	<1.0
PZ-2	11/30/05	<0.2	<0.2		2.7		<0.2	5.2	<0.5	0.77	33	1.1	<0.5			<0.5	<0.5	<0.25	<0.5	<0.2	0.61	<0.25	<u>45</u>	<0.2	<0.2	<u>1.3</u>	<0.5
	4/21/06	<0.2	<0.2				<0.2	5.2	<0.5	<0.5	40	1.1	<0.5			<0.5	<0.5	<0.25	<0.5	<0.2	<0.51	<0.25	<u>50</u>	<0.2	<0.2	<u>1.9</u>	<0.5
	8/6/08	<1.0	<1.9	<1.0	<1.0	<1.0	<1.0	2.7	<1.0	<1.0	41.5	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.4	<u>64.8</u>	<1.0	<1.0	<u>1.9</u>	<2.0
DNR PAL (As of 1/1/07)	0.5	0.06				0.3	85	0.5	0.7	7	20	140			12		10	0.5	200	40	0.5	0.5	9	6	0.02	1,000
DNR ES (A	As of 1/1/07)	<u>5</u>	0.6				3	<u>850</u>	<u>5</u>	<u>7</u>	<u>70</u>	100	<u>700</u>			<u>60</u>		<u>100</u>	<u>5</u>	1,000	200	<u>5</u>	<u>5</u>	48	30	0.2	10,000

NOTES:

DNR PAL = NR140 Preventive Action Limit
DNR ES = NR140 Enforcement Standard

- = no standard established

--- = Not Detected

na = Not Analyzed or lab analysis results Not Available

ug/L = Micrograms per Liter = Parts Per Billion
Bold number indicates concentration exceeds the DNR PAL
Underlined and bold number indicates concentration exceeds the DNR ES

Table 2 Former Wire & Metal Specialties Company MES Project No. 7-21058 Groundwater Elevations

						I			
ELEVATIONS	MW-7	MW-9	MW-10	MW-11	MW-12	MW-102	MW-103	PZ-1	PZ-2
Surface	106.28	107.24	106.82	105.24	97.73	105.95	106.78	107.22	107.21
Top of Casing	105.72	106.75	106.36	104.64	100.86	105.46	106.64	106.67	106.71
Top of Screen	95.72	96.75	96.36	96.90	93.06	95.46	96.64	84.67	71.71
Bottom of Screen	91.15	87.21	86.81	86.90	83.06	87.72	89.46	79.67	66.71
Groundwater								To proceed the Second	Accessed a
6/27/2002	95.38	N/A	N/A	N/A	N/A	94.61	97.25	N/A	N/A
8/14/2003	94.74	89.35	N/A	N/A	N/A	94.01	96.64	N/A	N/A
1/20/2004	93.98	89.10	93.13	N/A	N/A	94.28	96.31	N/A	N/A
8/3/2004	95.64	89.68	94.47	N/A	dry	95.72	97.29	88.44	N/A
12/8/2004	N/A	89.32	94.18	94.05	83.13	94.83	96.45	87.70	N/A
2/28/2005	95.65	89.78	94.67	95.35	83.42	95.68	96.18	86.92	N/A
7/28/2005	N/A	90.07	93.87	94.66	83.18	95.31	95.75	88.95	86.51
4/21/2006	N/A	89.70	95.51	95.96	83.29	96.36	97.73	88.98	87.53
11/30/2006	96.83	90.38	95.67	96.15	83.33	96.89	97.92	89.74	88.12
8/6/2008	96.01	89.90	94.94	N/A	dry	96.06	N/A	88.99	91.19

Benchmark = 100.00' (northern bolt of bottom flange of fire hydrant east of the subject property - across S. Kinnickinnic Ave.)





August 15, 2008

Michael W. Rehfeldt Midwest Engineering Services, Inc. 821 Corporate Ct. Suite 102 Waukesha, WI 53189

RE: Project: 7-21058 FORMER WIRE METAL

Pace Project No.: 407476

Dear Michael Rehfeldt:

Enclosed are the analytical results for sample(s) received by the laboratory on August 08, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Steven Mieczko

steve.mleczko@pacelabs.com

Project Manager

Enclosures





CERTIFICATIONS

Project:

7-21058 FORMER WIRE METAL

Pace Project No.:

407476

Green Bay Certification IDs

Louisiana Certification #: 04168 Kentucky Certification #: 82 Wisconsin DATCP Certification #: 105-444 Wisconsin Certification #: 405132750 South Carolina Certification #: 83006001 Minnesota Certification #: 055-999-334

Green Bay Volatiles Certification IDs Louisiana Certification #: 04169

Kentucky Certification #: 83
Wisconsin DATCP Certification #: 105-444
Wisconsin Certification #: 405132750
South Carolina Certification #: 83006001
Minnesota Certification #: 055-999-334

North Carolina Certification #: 503 North Dakota Certification #: R-150 New York Certification #: 11888 Illinois Certification #: 200050 Florida (NELAP) Certification #: E87948

North Carolina Certification #: 503 North Dakota Certification #: R-200 New York Certification #: 11887 Illinois Certification #: 200051 Florida (NELAP) Certification #: E87951

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SAMPLE SUMMARY

Project:

7-21058 FORMER WIRE METAL

Pace Project No.: 407476

Lab ID	Sample ID	Matrix	Date Collected	Date Received
407476001	MW-7	Water	08/06/08 00:00	08/08/08 08:50
407476002	MW-9	Water	08/06/08 00:00	08/08/08 08:50
407476003	MW-10	Water	08/06/08 00:00	08/08/08 08:50
407476004	MW-102	Water	08/06/08 00:00	08/08/08 08:50
407476005	PZ-1	Water	08/06/08 00:00	08/08/08 08:50
407476006	PZ-2	Water	08/06/08 00:00	08/08/08 08:50
407476007	TRIP BLANK	Water	08/06/08 00:00	08/08/08 08:50





SAMPLE ANALYTE COUNT

Project:

7-21058 FORMER WIRE METAL

Pace Project No.:

407476

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
407476001	MW-7	EPA 8260	KLK	64	PASI-G
407476002	MW-9	EPA 8260	SMT	64	PASI-G
407476003	MW-10	EPA 8260	SMT	64	PASI-G
407476004	MW-102	EPA 8260	KLK	64	PASI-G
407476005	PZ-1	EPA 8260	SMT	64	PASI-G
407476006	PZ-2	EPA 8260	SMT	64	PASI-G
407476007	TRIP BLANK	EPA 8260	KLK	64	PASI-G





Pace Analytical Services, Inc.

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

PROJECT NARRATIVE

Project:

7-21058 FORMER WIRE METAL

Pace Project No.:

Method:

EPA 8260 Description: 8260 MSV

Client:

MIDWEST ENGINEERING SERVICES, INC.

Date:

August 15, 2008

General Information:

7 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

pH: Post-analysis pH measurement indicates insufficient VOA sample preservation.

- MW-9 (Lab ID: 407476002)
- PZ-2 (Lab ID: 407476006)

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

Surrogates:

All surrogates were within QC limits with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.





Project:

7-21058 FORMER WIRE METAL

Pace Project No.: 407476

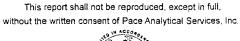
Sample: MW-7 Collected: 08/06/08 00:00 Received: 08/08/08 08:50 Matrix: Water Lab ID: 407476001

Bromochloromethane	Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua
Bromochevaene	8260 MSV	Analytical	Method: EPA	A 8260						
Bromochorame	Benzene	ND u	a/L	1.0	0.41	1		08/11/08 13:10	71-43-2	
Bromochloromethane ND ug/L 1,0 0,97 1 0,811/08 13:10 74-93-75 Bromorform ND ug/L 3,1 0,94 1 0,971 1 0,811/08 13:10 75-27-75 Bromorethane ND ug/L 3,1 0,94 1 0,971 1 0,811/08 13:10 75-25-75 Bromomethane ND ug/L 3,0 0,91 1 0,811/08 13:10 75-25-75 Bromomethane ND ug/L 1,0 0,93 1 0,811/08 13:10 10-45-81 sec-Butylbenzene ND ug/L 1,0 0,93 1 0,811/08 13:10 10-45-81 Sec-Butylbenzene ND ug/L 1,0 0,93 1 0,811/08 13:10 10-45-81 Sec-Butylbenzene ND ug/L 1,0 0,97 1 0,811/08 13:10 10-56-23-1 Chlorobenzene ND ug/L 1,0 0,97 1 0,811/08 13:10 10-56-23-1 Chlorobenzene ND ug/L 1,0 0,97 1 0,811/08 13:10 10-66-23-1 Chlorobenzene ND ug/L 1,0 0,97 1 0,811/08 13:10 10-69-0 Chloroform ND ug/L 1,0 0,97 1 0,811/08 13:10 10-80-0 Chloroform ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-0 Chloroform ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-0 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-0 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-0 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-0 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-0 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-0 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-0 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-0 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-0 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-0 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-1 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-1 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-1 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-1 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-1 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-1 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-1 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-1 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-1 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-1 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10 10-80-1 Chloroformethane ND ug/L 1,0 0,85 1 0,811/08 13:10	Bromobenzene		-			1		08/11/08 13:10	108-86-1	
Stromoform ND ug/L 1.9 0.56 1 08/11/08 13:10 75-27-4										
Bromofom ND ug/L 3.1 0.94 1 0.8/11/08 13:10 75-25-5 Formomethane ND ug/L 3.0 0.91 1 0.8/11/08 13:10 75-25-5 Formomethane ND ug/L 1.0 0.93 1 0.8/11/08 13:10 104-51 35-25										
SammerHane ND ug/L 3.0 0.91 1 0.811/08 13:10 74-834										
n-Bulylbenzene ND ug/L 1.0 0.93 1 08/11/08 13:10 104-51 esc-Bulylbenzene ND ug/L 1.0 0.89 1 08/11/08 13:10 135-89 1 08/11/08 13:10 135-89 1 08/11/08 13:10 135-89 1 08/11/08 13:10 135-89 1 08/11/08 13:10 135-89 1 08/11/08 13:10 108-90 1 08/11/08 1			-							
sec-Butylbenzene ND ug/L 1.0 0.89 1 08/11/08 13:10 135-98 ert-Butylbenzene ND ug/L 1.0 0.97 1 08/11/08 13:10 35-98 ert-Butylbenzene ND ug/L 1.0 0.97 1 08/11/08 13:10 56-23-20-10 forbenterabloride ND ug/L 1.0 0.41 1 08/11/08 13:10 56-23-20-10 forbenzene ND ug/L 1.0 0.41 1 08/11/08 13:10 56-23-20-10 forbenzene ND ug/L 1.0 0.97 1 08/11/08 13:10 75-03-20-10 forbenzene ND ug/L 1.2 0.37 1 08/11/08 13:10 75-03-20-10 forbenzene ND ug/L 1.0 0.97 1 08/11/08 13:10 75-03-20-10 forbenzene ND ug/L 1.0 0.80 0.24 1 08/11/08 13:10 76-68-20-10 forbenzene ND ug/L 1.0 0.85 1 08/11/08 13:10 76-68-20-10 forbenzene ND ug/L 1.0 0.85 1 08/11/08 13:10 76-68-20-10 forbenzene ND ug/L 1.0 0.85 1 08/11/08 13:10 95-42-20-10 forbenzene ND ug/L 1.0 0.87 1 08/11/08 13:10 95-42-20-10 forbenzene ND ug/L 1.0 0.81 1 08/11/08 13:10 95-12-4-20-10 forbenzene ND ug/L 1.0 0.81 1 08/11/08 13:10 10-6-43-20-10 forbenzene ND ug/L 1.0 0.81 1 08/11/08 13:10 10-6-33-20-10 forbenzene ND ug/L 1.0 0.60 1 08/11/08 13:10 10-6-33-20-10 forbenzene ND ug/L 1.0 0.60 1 08/11/08 13:10 10-6-33-20-10 forbenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 95-12-4-20-10 forbenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 95-12-4-20-10 forbenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 95-12-4-20-10 forbenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 95-12-4-20-10 forbenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 95-12-4-20-10 forbenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 95-12-4-20-10 forbenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 10-6-40-10 forbenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 10-6-40-10 forbenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 10-6-40-10 forbenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 10-6-40-10 forbenzene ND ug/L 1.0 0.89 1 08/11/08 13:10 10-6-40-10 forbenzene ND ug/L 1.0 0.89 1 08/11/08 13:10 10-6-40-10 forbenzene ND ug/L 1.0 0.89 1 08/11/08 13:10 10-6-40-10 forbenzene ND ug/L 1.0 0.89 1 08/11/08 13:10 10-6-40-10 forbenzene ND ug/L 1.0 0.89 1 08/11/08 13:10 10-6-40-10 forbenzene ND ug/L 1.0 0.66 1 08/11/08 13:10 10-6-40-10 forbenzene ND ug/L 1.0 0.66 1 08/11/08 13:10 10-6-40-10 forbenzene ND ug/L 1.			-							
ert-Butylbenzene ND ug/L 1.0 0.97 1 08/11/08 13:10 98-064-Carbon tetrachloride ND ug/L 1.0 0.49 1 08/11/08 13:10 56-23-Carbon tetrachloride ND ug/L 1.0 0.49 1 08/11/08 13:10 56-23-Carbon tetrachloride ND ug/L 1.0 0.49 1 08/11/08 13:10 108-90 100-100-100-100-100-100-100-100-100-10		•	•							
Carbon tetrachloride ND ug/L 1.0 0.49 1 08/11/08 13:10 56-23-1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	•	_	_							
Discrepance ND ug/L 1.0 0.41 1 08/11/08 13:10 108-90	•	•	•					•		
Chloroethane		•	-							
Chloroform ND ug/L 1.2 0.37 1 0.8/11/08 13:10 67-68-5										
Chloromethane ND ug/L 0.80 0.24 1 08/11/08 13:10 74-87-4 Chlorotoluene ND ug/L 1.0 0.85 1 08/11/08 13:10 95-49-4 (Chlorotoluene ND ug/L 1.0 0.85 1 08/11/08 13:10 95-49-4 (Chlorotoluene ND ug/L 1.0 0.74 1 08/11/08 13:10 106-43 (2.2-Dibromo-3-chloropropane ND ug/L 1.0 0.81 1 08/11/08 13:10 106-43 (2.2-Dibromo-4-chloropropane ND ug/L 1.0 0.81 1 08/11/08 13:10 124-48 (2.2-Dibromoethane (EDB) ND ug/L 1.0 0.81 1 08/11/08 13:10 106-93 (2.2-Dichlorobenzene ND ug/L 1.0 0.66 1 08/11/08 13:10 106-93 (2.2-Dichlorobenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 74-95-2 (2.2-Dichlorobenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 59-50-3 (2.2-Dichlorobenzene ND ug/L 1.0 0.87 1 08/11/08 13:10 59-50-3 (2.2-Dichlorobenzene ND ug/L 1.0 0.97 1 08/11/08 13:10 57-71-4 (2.2-Dichlorobenzene ND ug/L 1.0 0.99 1 08/11/08 13:10 57-71-4 (2.2-Dichlorobenzene ND ug/L 1.0 0.99 1 08/11/08 13:10 57-71-4 (2.2-Dichloroethane ND ug/L 1.0 0.75 1 08/11/08 13:10 75-34-4 (2.2-Dichloroethane ND ug/L 1.0 0.75 1 08/11/08 13:10 75-34-4 (2.2-Dichloroethane ND ug/L 1.0 0.75 1 08/11/08 13:10 75-34-4 (2.2-Dichloroethene ND ug/L 1.0 0.36 1 08/11/08 13:10 107-06 (2.2-Dichloroethene ND ug/L 1.0 0.36 1 08/11/08 13:10 107-06 (2.2-Dichloroethene ND ug/L 1.0 0.89 1 08/11/08 13:10 107-06 (2.2-Dichloroethene ND ug/L 1.0 0.89 1 08/11/08 13:10 156-60 (2.2-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 156-60 (2.2-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 156-60 (2.2-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 156-60 (2.2-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 156-60 (2.2-Dichloropropane ND ug/L 1.0 0.65 1 08/11/08 13:10 106-1-2-Dichloropropane ND ug/L 1.0 0.66 1 08/11/08 13:10 156-50 (2.2-Dichloropropane ND ug/L 1.0 0.66 1 08/11/08 13:10 106-1-2-Dichloropropane ND ug/L 1.0 0.66 1 08/11/08 13:10 106-1-2-Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 106-1-2-Dichloropropane ND ug/L		-	_							
Chlorotoluene		-	-							
-Chlorotoluene ND ug/L 1.0 0.74 1 08/11/08 13:10 106-43 (2-Dibromo-3-chloropropane ND ug/L 2.9 0.87 1 08/11/08 13:10 96-124- Dibromochloromethane ND ug/L 1.0 0.81 1 08/11/08 13:10 104-43 (2-Dibromochloromethane (EDB) ND ug/L 1.9 0.56 1 08/11/08 13:10 106-93 Dibromochloromethane ND ug/L 1.0 0.60 1 08/11/08 13:10 106-93 Dibromomethane ND ug/L 1.0 0.60 1 08/11/08 13:10 106-93 Dibromomethane ND ug/L 1.0 0.83 1 08/11/08 13:10 106-93 Dibromomethane ND ug/L 1.0 0.83 1 08/11/08 13:10 106-93 Dibromomethane ND ug/L 1.0 0.87 1 08/11/08 13:10 106-46 Dichlorobenzene ND ug/L 1.0 0.87 1 08/11/08 13:10 106-46 Dichlorobenzene ND ug/L 1.0 0.99 1 08/11/08 13:10 106-46 Dichlorodifluoromethane ND ug/L 1.0 0.99 1 08/11/08 13:10 106-46 Dichlorodifluoromethane ND ug/L 1.0 0.99 1 08/11/08 13:10 105-46 Dichlorodethane ND ug/L 1.0 0.75 1 08/11/08 13:10 105-46 Dichlorodethane ND ug/L 1.0 0.36 1 08/11/08 13:10 105-34 Dichlorodethane ND ug/L 1.0 0.36 1 08/11/08 13:10 105-34 Dichlorodethane ND ug/L 1.0 0.57 1 08/11/08 13:10 105-59 Dichlorodethane ND ug/L 1.0 0.83 1 08/11/08 13:10 105-59 Dichlorodethane ND ug/L 1.0 0.83 1 08/11/08 13:10 105-59 Dichlorodethane ND ug/L 1.0 0.46 1 08/11/08 13:10 156-59 Dichloropropane ND ug/L 1.0 0.46 1 08/11/08 13:10 156-59 Dichloropropane ND ug/L 1.0 0.46 1 08/11/08 13:10 105-59 Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 105-59 Dichloropropane ND ug/L 1.0 0.66 1 08/11/08 13:10 100-41 Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 100-		-	=							
2-Dibromo-3-chloropropane			•							
ND ug/L 1.0 0.81 1 0.8/11/08 1.3:10 124-48 2.4-10 1.0 0.81 1 0.8/11/08 1.3:10 124-48 2.4-10 1.0 0.80 1 0.8/11/08 1.3:10 106-93 0.5 1 0.8/11/08 1.3:10 106-93 0.5 1 0.8/11/08 1.3:10 106-93 0.5 1 0.8/11/08 1.3:10 0.8-93 0.8/11/08 1.3:10 0.8/11/08 1.3		_								
1.9 0.56 1 0.8/11/08 13:10 106-93 105-93	• •	_	-		-					
ND ug/L 1.0 0.60 1 0.8/11/08 13:10 74-95-50-10. 74-95-50-10. 74-95-50. 7			-							
2-Dichlorobenzene ND ug/L 1.0 0.83 1 08/11/08 13:10 95-50-33-Dichlorobenzene ND ug/L 1.0 0.87 1 08/11/08 13:10 541-73 (4-Dichlorobenzene ND ug/L 1.0 0.95 1 08/11/08 13:10 106-46 (1-Dichlorobenzene ND ug/L 1.0 0.99 1 08/11/08 13:10 106-46 (1-Dichloroethane ND ug/L 1.0 0.75 1 08/11/08 13:10 75-34-3 (2-Dichloroethane ND ug/L 1.0 0.36 1 08/11/08 13:10 107-06 (1-Dichloroethane ND ug/L 1.0 0.36 1 08/11/08 13:10 107-06 (1-Dichloroethane ND ug/L 1.0 0.57 1 08/11/08 13:10 107-06 (1-Dichloroethane ND ug/L 1.0 0.83 1 08/11/08 13:10 156-59 (1-Dichloroethane ND ug/L 1.0 0.83 1 08/11/08 13:10 156-59 (1-Dichloroethane ND ug/L 1.0 0.89 1 08/11/08 13:10 156-59 (1-Dichloroethane ND ug/L 1.0 0.46 1 08/11/08 13:10 156-59 (1-Dichloropropane ND ug/L 1.0 0.46 1 08/11/08 13:10 156-59 (1-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 142-28 (1-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 142-28 (1-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 1.0 0.65 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 0.63 0.19 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 0.63 0.19 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 0.63 0.19 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 0.63 0.19 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 0.0 0.0 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 0.0 0.0 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 0.0 0.0 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 0.0 0.0 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 0.0 0.0 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 0.0 0.0 1 08/11/08 13:10 100-14 (1-Dichloropropane ND ug/L 0.0 0.0 1 08/11/08 13:	. , ,									
,3-Dichlorobenzene ND ug/L 1.0 0.87 1 08/11/08 13:10 541-73 ,4-Dichlorobenzene ND ug/L 1.0 0.95 1 08/11/08 13:10 106-46 ichlorodifluoromethane ND ug/L 1.0 0.99 1 08/11/08 13:10 75-71-4 ,1-Dichloroethane ND ug/L 1.0 0.75 1 08/11/08 13:10 75-34- ,2-Dichloroethane ND ug/L 1.0 0.36 1 08/11/08 13:10 107-06 ,1-Dichloroethane ND ug/L 1.0 0.57 1 08/11/08 13:10 107-06 ,1-Dichloroethene ND ug/L 1.0 0.57 1 08/11/08 13:10 156-59 ,2-Dichloroethene ND ug/L 1.0 0.83 1 08/11/08 13:10 156-59 ,2-Dichloroethene ND ug/L 1.0 0.89 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.46 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.46 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.66 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.66 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.65 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.65 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.65 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.65 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.65 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.65 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.65 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.75 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.75 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.75 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.75 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.75 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.75 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.75 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.67 1 08/11/08 13:10 156-60 ,		-	-							
,4-Dichlorobenzene ND ug/L 1.0 0.95 1 08/11/08 13:10 106-46 dichlorodifluoromethane ND ug/L 1.0 0.99 1 08/11/08 13:10 75-71-8 ,1-Dichloroethane 2.2 ug/L 1.0 0.75 1 08/11/08 13:10 75-34-3 ,2-Dichloroethane ND ug/L 1.0 0.36 1 08/11/08 13:10 175-35-4-3 ,1-Dichloroethane ND ug/L 1.0 0.57 1 08/11/08 13:10 175-35-4-3 is-1,2-Dichloroethene ND ug/L 1.0 0.83 1 08/11/08 13:10 156-59 ans-1,2-Dichloroethene ND ug/L 1.0 0.83 1 08/11/08 13:10 156-69 ans-1,2-Dichloropropane ND ug/L 1.0 0.46 1 08/11/08 13:10 156-69 ,2-Dichloropropane ND ug/L 1.0 0.46 1 08/11/08 13:10 142-28 ,2-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 54-20 ,1-Dichloropropane<	•	ND uç	g/L							
1.0 0.99 1 0.8/11/08 13:10 75-71-8 1.0 0.99 1 0.8/11/08 13:10 75-71-8 1.0 0.99 1 0.8/11/08 13:10 75-71-8 1.0 0.75 1 0.8/11/08 13:10 75-34-5 1.0 0.36 1 0.8/11/08 13:10 107-06 1.0-10 1.	,3-Dichlorobenzene			1.0	0.87	1				
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,2-Dichloroethane ND ug/L 1.0 0.36 1 08/11/08 13:10 107-06 ,1-Dichloroethene ND ug/L 1.0 0.57 1 08/11/08 13:10 75-35-4 is-1,2-Dichloroethene ND ug/L 1.0 0.83 1 08/11/08 13:10 156-59 rans-1,2-Dichloropropane ND ug/L 1.0 0.89 1 08/11/08 13:10 156-60 ,2-Dichloropropane ND ug/L 1.0 0.46 1 08/11/08 13:10 78-87-4 ,3-Dichloropropane ND ug/L 2.0 0.61 1 08/11/08 13:10 78-87-4 ,2-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 594-20 ,1-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 563-58 is-1,3-Dichloropropene ND ug/L 0.63 0.19 1 08/11/08 13:10 10061- sis-1,3-Dichloropropene ND ug/L 0.63 0.19 1 08/11/08 13:10 10061- sisins-1,3-Dichloropro	Dichlorodifluoromethane	ND uç	g/L	1.0	0.99	1		08/11/08 13:10	75-71-8	
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is-1,2-Dichloroethene ND ug/L 1.0 0.83 1 08/11/08 13:10 156-59 rans-1,2-Dichloroethene ND ug/L 1.0 0.89 1 08/11/08 13:10 156-60 rans-1,2-Dichloropropane ND ug/L 1.0 0.46 1 08/11/08 13:10 78-87-60 rans-1,2-Dichloropropane ND ug/L 1.0 0.46 1 08/11/08 13:10 78-87-60 rans-1,2-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 142-28 rans-1,2-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 594-20 rans-1,3-Dichloropropene ND ug/L 1.0 0.75 1 08/11/08 13:10 563-58 rans-1,3-Dichloropropene ND ug/L 0.63 0.19 1 08/11/08 13:10 10061-10061 rans-1,3-Dichloropropene ND ug/L 0.63 0.19 1 08/11/08 13:10 10061-10061 rans-1,3-Dichloropropene ND ug/L 1.0 0.76 1 08/11/08 13:10 10061-10061 rans-1,3-Dichloropropene ND ug/L 1.0 0.76 1 08/11/08 13:10 10061-10061 rans-1,3-Dichloropropene ND ug/L 1.0 0.54 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.54 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1 08/11/08 13:10 100-41 rans-1,3-Dichloropropene ND ug/L 1.0 0.67 1	,2-Dichloroethane	ND uç	g/L	1.0	0.36	1		08/11/08 13:10	107-06-2	
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,3-Dichloropropane ND ug/L 2.0 0.61 1 08/11/08 13:10 142-28 ,2-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 13:10 594-20 ,1-Dichloropropene ND ug/L 1.0 0.75 1 08/11/08 13:10 563-58 is-1,3-Dichloropropene ND ug/L 0.63 0.19 1 08/11/08 13:10 10061- rans-1,3-Dichloropropene ND ug/L 0.63 0.19 1 08/11/08 13:10 10061- rans-1,3-Dichloropropene ND ug/L 0.63 0.19 1 08/11/08 13:10 10061- rans-1,3-Dichloropropene ND ug/L 1.0 0.76 1 08/11/08 13:10 10061- rans-1,3-Dichloropropene ND ug/L 1.0 0.76 1 08/11/08 13:10 108-10 rans-1,3-Dichloropropene ND ug/L 1.0 0.76 1 08/11/08 13:10 108-10 rans-1,3-Dichloropropene ND ug/L 1.0 0.76 1 08/11/08 13:10 108-20	ans-1,2-Dichloroethene	ND uç	g/L	1.0	0.89	1		08/11/08 13:10	156-60-5	
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tyrene ND ug/L 1.0 0.86 1 08/11/08 13:10 100-42 (1,1,1,2-Tetrachloroethane ND ug/L 1.0 0.92 1 08/11/08 13:10 630-20	•	-								

Date: 08/15/2008 01:13 PM

REPORT OF LABORATORY ANALYSIS

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Project:

Sample: MW-9

7-21058 FORMER WIRE METAL

407476

Pace Project No.:

Sample: MW-7 Lab ID: 407476001 Collected: 08/06/08 00:00 Received: 08/08/08 08:50 Matrix: Water DF LOQ LOD Prepared Analyzed CAS No. **Parameters** Results Units Qual 8260 MSV Analytical Method: EPA 8260 08/11/08 13:10 79-34-5 1,1,2,2-Tetrachloroethane ND ug/L 0.67 0.20 1 Tetrachloroethene 0.45 08/11/08 13:10 127-18-4 3.8 ug/L 1.0 1 Toluene 0.67 08/11/08 13:10 108-88-3 ND ug/L 1.0 1 1,2,3-Trichlorobenzene 0.74 08/11/08 13:10 87-61-6 ND ug/L 1.0 1 1,2,4-Trichlorobenzene 1.0 0.97 08/11/08 13:10 120-82-1 1 ND ug/L 1,1,1-Trichloroethane 1.0 0.90 08/11/08 13:10 71-55-6 38.7 ug/L 1 1,1,2-Trichloroethane 1.4 0.42 08/11/08 13:10 79-00-5 ND ug/L 1 Trichloroethene 0.48 08/11/08 13:10 79-01-6 82.8 ug/L 1.0 Trichlorofluoromethane 0.79 08/11/08 13:10 75-69-4 ND ug/L 1.0 1,2,3-Trichloropropane ND ug/L 1.0 0.99 08/11/08 13:10 96-18-4 1,2,4-Trimethylbenzene ND ug/L 1.0 0.97 08/11/08 13:10 95-63-6 1,3,5-Trimethylbenzene ND ug/L 1.0 0.83 08/11/08 13:10 108-67-8 Vinyl chloride ND ug/L 0.60 0.18 08/11/08 13:10 75-01-4 08/11/08 13:10 1330-20-7 m&p-Xylene ND ug/L 2.0 1.8 0.83 08/11/08 13:10 95-47-6 o-Xylene ND ug/L 1.0 1 4-Bromofluorobenzene (S) 08/11/08 13:10 460-00-4 108 % 64-132 1 08/11/08 13:10 1868-53-7 Dibromofluoromethane (S) 98 % 68-122 1 Toluene-d8 (S) 08/11/08 13:10 2037-26-5 73-127 112 % 1

Collected: 08/06/08 00:00

Received: 08/08/08 08:50 Matrix: Water

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Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical	Method: EPA	8260						
Benzene	ND u	g/L	1.0	0.41	1		08/12/08 08:55	. 71-43-2	
Bromobenzene	ND u		1.0	0.82	1		08/12/08 08:55	108-86-1	
Bromochloromethane	ND u		1.0	0.97	1		08/12/08 08:55	74-97-5	
Bromodichloromethane	ND u	g/L	1.9	0.56	1		08/12/08 08:55	75-27-4	
Bromoform	ND u		3.1	0.94	1		08/12/08 08:55	75-25-2	
Bromomethane	ND u		3.0	0.91	1	•	08/12/08 08:55	74-83-9	
n-Butylbenzene	ND u		1.0	0.93	1		08/12/08 08:55	104-51-8	
sec-Butylbenzene	ND u		1.0	0.89	1		08/12/08 08:55	135-98-8	
tert-Butylbenzene	ND u		1.0	0.97	1		08/12/08 08:55	98-06-6	
Carbon tetrachloride	ND u	g/L	1.0	0.49	1		08/12/08 08:55	56-23-5	
Chlorobenzene	ND u	g/L	1.0	0.41	1		08/12/08 08:55	108-90-7	
Chloroethane	ND u		1.0	0.97	1		08/12/08 08:55	75-00-3	
Chloroform	ND u	g/L	1.2	0.37	1		08/12/08 08:55	67-66-3	
Chloromethane	ND u		0.80	0.24	1		08/12/08 08:55	74-87-3	
2-Chlorotoluene	ND u	g/L	1.0	0.85	1		08/12/08 08:55	95-49-8	
4-Chlorotoluene	ND u		1.0	0.74	1		08/12/08 08:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND u	-	2.9	0.87	1		08/12/08 08:55	96-12-8	
Dibromochloromethane	ND u	g/L	1.0	0.81	1		08/12/08 08:55	124-48-1	
1,2-Dibromoethane (EDB)	ND u		1.9	0.56	1		08/12/08 08:55	106-93-4	
Dibromomethane	ND u		1.0	0.60	1		08/12/08 08:55	74-95-3	

Lab ID: 407476002

Date: 08/15/2008 01:13 PM

REPORT OF LABORATORY ANALYSIS

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Project:

Ethylbenzene

m&p-Xylene

Toluene-d8 (S)

4-Bromofluorobenzene (S)

Dibromofluoromethane (S)

o-Xylene

p-Isopropyltoluene

Methylene Chloride

Hexachloro-1,3-butadiene

Isopropylbenzene (Cumene)

7-21058 FORMER WIRE METAL

Pace Project No.: 407476

Sample: MW-9 Lab ID: 407476002 Collected: 08/06/08 00:00 Received: 08/08/08 08:50 Matrix: Water **Parameters** Results Units LOQ LOD DF Prepared Analyzed CAS No. Qual 8260 MSV Analytical Method: EPA 8260 1,2-Dichlorobenzene ND ug/L 1.0 0.83 1 08/12/08 08:55 95-50-1 1,3-Dichlorobenzene ND ug/L 1.0 0.87 08/12/08 08:55 541-73-1 1 1,4-Dichlorobenzene ND ug/L 1.0 0.95 08/12/08 08:55 106-46-7 1 Dichlorodifluoromethane ND ug/L 1.0 0.99 08/12/08 08:55 75-71-8 1 1,1-Dichloroethane 2.8 ug/L 1.0 0.75 1 08/12/08 08:55 75-34-3 1,2-Dichloroethane 08/12/08 08:55 107-06-2 ND ug/L 1.0 0.36 1 1,1-Dichloroethene ND ug/L 1.0 0.57 1 08/12/08 08:55 75-35-4 cis-1.2-Dichloroethene 08/12/08 08:55 156-59-2 47.7 ug/L 1.0 0.83 1 trans-1,2-Dichloroethene 1.0 0.89 08/12/08 08:55 156-60-5 ND ug/L 1 1.0 0.46 08/12/08 08:55 78-87-5 1,2-Dichloropropane ND ug/L 1 1,3-Dichloropropane 2.0 0.61 08/12/08 08:55 142-28-9 ND ug/L 1 2,2-Dichloropropane ND ug/L 1.0 0.62 08/12/08 08:55 594-20-7 1 1,1-Dichloropropene ND ug/L 1.0 0.75 08/12/08 08:55 563-58-6 1 cis-1,3-Dichloropropene ND ug/L 0.63 0.19 1 08/12/08 08:55 10061-01-5 0.19 08/12/08 08:55 10061-02-6 trans-1,3-Dichloropropene ND ug/L 0.63 1 Diisopropyl ether 0.76 08/12/08 08:55 108-20-3 ND ug/L 1.0 1

1.0

1.0

1.0

1.0

1.4

0.54

0.67

0.59

0.67

0.43

1

1

1

1

1

08/12/08 08:55

08/12/08 08:55 87-68-3

08/12/08 08:55 98-82-8

08/12/08 08:55 99-87-6

08/12/08 08:55 75-09-2

08/12/08 08:55 1330-20-7

08/12/08 08:55 95-47-6

100-41-4

				•	***************************************	
Methyl-tert-butyl ether	ND ug/L	2.0	0.61	1	08/12/08 08:55 1634-04-4	
Naphthalene	ND ug/L	5.0	0.74	1	08/12/08 08:55 91-20-3	
n-Propylbenzene	ND ug/L	1.0	0.81	1	08/12/08 08:55 103-65-1	
Styrene	ND ug/L	1.0	0.86	1	08/12/08 08:55 100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L	1.0	0.92	1	08/12/08 08:55 630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L	0.67	0.20	1	08/12/08 08:55 79-34-5	
Tetrachloroethene	ND ug/L	1.0	0.45	1	08/12/08 08:55 127-18-4	
Toluene	ND ug/L	1.0	0.67	1	08/12/08 08:55 108-88-3	
1,2,3-Trichlorobenzene	ND ug/L	1.0	0.74	1	08/12/08 08:55 87-61-6	
1,2,4-Trichlorobenzene	ND ug/L	1.0	0.97	1	08/12/08 08:55 120-82-1	
1,1,1-Trichloroethane	ND ug/L	1.0	0.90	1	08/12/08 08:55 71-55-6	
1,1,2-Trichloroethane	ND ug/L	1.4	0.42	1	08/12/08 08:55 79-00-5	
Trichloroethene	66.4 ug/L	1.0	0.48	1	08/12/08 08:55 79-01-6	
Trichlorofluoromethane	ND ug/L	1.0	0.79	1	08/12/08 08:55 75-69-4	
1,2,3-Trichloropropane	ND ug/L	1.0	0.99	1	08/12/08 08:55 96-18-4	
1,2,4-Trimethylbenzene	ND ug/L	1.0	0.97	1	08/12/08 08:55 95-63-6	
1,3,5-Trimethylbenzene	ND ug/L	1.0	0.83	1	08/12/08 08:55 108-67-8	
Vinyl chloride	2.1 ug/L	0.60	0.18	1	08/12/08 08:55 75-01-4	

64-132 08/12/08 08:55 460-00-4 1 68-122 1 08/12/08 08:55 1868-53-7 pΗ 08/12/08 08:55 2037-26-5 73-127 1

1

1

1.8

0.83

REPORT OF LABORATORY ANALYSIS Date: 08/15/2008 01:13 PM

ND ug/L

ND ug/L

109 %

97 %

111 %

ND ug/L

ND ug/L

ND ug/L

ND ug/L

ND ug/L

20

1.0



Project:

7-21058 FORMER WIRE METAL

Pace Project No.: 407476

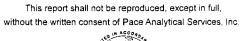
Sample: MW-10 Lab ID: 407476003 Collected: 08/06/08 00:00 Received: 08/08/08 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical	Method: EPA	A 8260						
Benzene	ND ug	ı/L	5.0	2.0	5		08/12/08 12:05	71-43-2	
Bromobenzene	ND ug	-	5.0	4.1	5		08/12/08 12:05	108-86-1	
Bromochloromethane	ND ug		5.0	4.8	5		08/12/08 12:05	74-97-5	
Bromodichloromethane	ND ug	, /L	9.3	2.8	5		08/12/08 12:05	75-27-4	
Bromoform	ND ug		15.7	4.7	5		08/12/08 12:05	75-25-2	
Bromomethane	ND ug		15.2	4.6	5		08/12/08 12:05	74-83-9	
n-Butylbenzene	ND ug		5.0	4.6	5		08/12/08 12:05	104-51-8	
sec-Butylbenzene	ND ug		5.0	4.4	5		08/12/08 12:05	135-98-8	
tert-Butylbenzene	ND ug		5.0	4.8	5		08/12/08 12:05	98-06-6	
Carbon tetrachloride	ND ug		5.0	2.4	5		08/12/08 12:05	56-23-5	
Chlorobenzene	ND ug		5.0	2.0	5		08/12/08 12:05	108-90-7	
Chloroethane	ND ug		5.0	4.8	5		08/12/08 12:05	75-00-3	
Chloroform	ND ug		6.2	1.8	5		08/12/08 12:05	67-66-3	
Chloromethane	ND ug		4.0	1.2	5		08/12/08 12:05	74-87-3	
2-Chlorotoluene	ND ug		5.0	4.2	5		08/12/08 12:05	95-49-8	
4-Chlorotoluene	ND ug		5.0	3.7	5		08/12/08 12:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug		14.5	4.4	5		08/12/08 12:05	96-12-8	
Dibromochloromethane	ND ug		5.0	4.0	5		08/12/08 12:05	124-48-1	
1,2-Dibromoethane (EDB)	ND ug		9.3	2.8	5		08/12/08 12:05	106-93-4	
Dibromomethane	ND ug		5.0	3.0	5		08/12/08 12:05	74-95-3	
1,2-Dichlorobenzene	ND ug		5.0	4.2	5		08/12/08 12:05	95-50-1	
1,3-Dichlorobenzene	ND ug		5.0	4.4	5		08/12/08 12:05	541-73-1	
1,4-Dichlorobenzene	ND ug		5.0	4.8	5		08/12/08 12:05	106-46-7	
Dichlorodifluoromethane	ND ug		5.0	5.0	5		08/12/08 12:05	75-71-8	
1,1-Dichloroethane	ND ug		5.0	3.8	5		08/12/08 12:05	75-34-3	
1,2-Dichloroethane	ND ug		5.0	1.8	5		08/12/08 12:05	107-06-2	
1,1-Dichloroethene	ND ug		5.0	2.8	5		08/12/08 12:05	75-35-4	
cis-1,2-Dichloroethene	ND ug		5.0	4.2	5		08/12/08 12:05	156-59-2	
trans-1,2-Dichloroethene	ND ug		5.0	4.4	5		08/12/08 12:05	156-60-5	
1,2-Dichloropropane	ND ug		5.0	2.3	5		08/12/08 12:05	78-87-5	
1,3-Dichloropropane	ND ug		10.2	3.0	5		08/12/08 12:05	142-28-9	
2,2-Dichloropropane	ND ug		5.0	3.1	5		08/12/08 12:05	594-20-7	
1,1-Dichloropropene	ND ug		5.0	3.8	5		08/12/08 12:05	563-58-6	
cis-1,3-Dichloropropene	ND ug		3.2	0.95	5		08/12/08 12:05	10061-01-5	
trans-1,3-Dichloropropene	ND ug		3.2	0.95	5		08/12/08 12:05	10061-02-6	
Diisopropyl ether	ND ug		5.0	3.8	5		08/12/08 12:05	108-20-3	
Ethylbenzene	ND ug		5.0	2.7	5		08/12/08 12:05	100-41-4	
Hexachloro-1,3-butadiene	ND ug		5.0	3.4	5		08/12/08 12:05		
Isopropylbenzene (Cumene)	ND ug		5.0	3.0	5		08/12/08 12:05	98-82-8	
p-Isopropyltoluene	ND ug		5.0	3.4	5		08/12/08 12:05		
Methylene Chloride	ND ug		7.2	2.2	5		08/12/08 12:05		
Methyl-tert-butyl ether	ND ug		10.2	3.0	5		08/12/08 12:05		
Naphthalene	ND ug		25.0	3.7	5		08/12/08 12:05		
n-Propylbenzene	ND ug		5.0	4.0	5		08/12/08 12:05		
Styrene	ND ug		5.0	4.3	5		08/12/08 12:05		
1,1,1,2-Tetrachloroethane	ND ug		5.0	4.6	5		08/12/08 12:05		

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Project:

7-21058 FORMER WIRE METAL

Pace Project No.: 407476

Sample: MW-10	Lab ID:	407476003	Collecte	d: 08/06/0	8 00:00	Received: 08/08/08 08:50 Matrix: Water				
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua	
8260 MSV	Analytical	Method: EPA	8260							
1,1,2,2-Tetrachloroethane	ND u	ıg/L	3.3	1.0	5		08/12/08 12:05	79-34-5		
Tetrachloroethene	46.3 u	ıg/L	5.0	2.2	5		08/12/08 12:05	127-18-4		
Toluene	ND u	ig/L	5.0	3.4	5		08/12/08 12:05	108-88-3		
1,2,3-Trichlorobenzene	ND u	ıg/L	5.0	3.7	5		08/12/08 12:05	87-61-6		
1,2,4-Trichlorobenzene	ND u	ıg/L	5.0	4.8	5		08/12/08 12:05	120-82-1		
1,1,1-Trichloroethane	147 u	ıg/L	5.0	4.5	5		08/12/08 12:05	71-55-6		
1,1,2-Trichloroethane	ND u	ıg/L	7.0	2.1	5		08/12/08 12:05	79-00-5		
Trichloroethene	315 u		5.0	2.4	5		08/12/08 12:05	79-01-6		
Trichlorofluoromethane	ND u	-	5.0	4.0	5		08/12/08 12:05	75-69-4		
1,2,3-Trichloropropane	ND u	g/L	5.0	5.0	5		08/12/08 12:05	96-18-4		
1,2,4-Trimethylbenzene	ND u	g/L	5.0	4.8	5		08/12/08 12:05			
1,3,5-Trimethylbenzene	ND u	_	5.0	4.2	5		08/12/08 12:05	108-67-8		
Vinyl chloride	ND u	-	3.0	0.90	5		08/12/08 12:05			
m&p-Xylene	ND u	•	10.0	9.0	5		08/12/08 12:05			
o-Xylene	ND u	•	5.0	4.2	5		08/12/08 12:05	95-47-6		
4-Bromofluorobenzene (S)	116 %	•	64-132		5		08/12/08 12:05			
Dibromofluoromethane (S)	104 %		68-122		5		08/12/08 12:05	1868-53-7		
Toluene-d8 (S)	111 %		73-127		5		08/12/08 12:05			
Sample: MW-102	Lab ID:	407476004	Collecte	d: 08/06/0	3 00:00	Received: 08	3/08/08 08:50 M	atrix: Water		
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua	
3260 MSV	Analytical	Method: EPA	8260							
Benzene	ND u	a/L	1.0	0.41	1		08/11/08 10:49	71-43-2		
Bromobenzene	ND u	•	1.0	0.82	1		08/11/08 10:49			
Bromochloromethane	ND u	•	1.0	0.97	1		08/11/08 10:49			
Bromodichloromethane	ND u	•	1.9	0.56	1		08/11/08 10:49			
Bromoform	ND u	•	3.1	0.94	1		08/11/08 10:49			
Bromomethane	ND u	-	3.0	0.91	1		08/11/08 10:49			
n-Butylbenzene	ND u	•	1.0	0.93	1		08/11/08 10:49			
sec-Butylbenzene	ND u	•	1.0	0.89	1		08/11/08 10:49			
ert-Butylbenzene	ND u	-	1.0	0.97	1		08/11/08 10:49			
Carbon tetrachloride	ND u		1.0	0.49	1		08/11/08 10:49			
Chlorobenzene	ND u	•	1.0	0.43	1		08/11/08 10:49			
Chloroethane	ND u	•	1.0	0.41	1		08/11/08 10:49			
Chloroform	ND u	•	1.0	0.37	1		08/11/08 10:49			
Chloromethane	ND u	-	0.80	0.37	1		08/11/08 10:49			
2-Chlorotoluene	ND u		1.0	0.85	1		08/11/08 10:49			
4 Chiesetaluana	ND u	y/L	1.0	0.00	4		00/11/00 10:49			

Date: 08/15/2008 01:13 PM

1,2-Dibromo-3-chloropropane

Dibromochloromethane

1,2-Dibromoethane (EDB)

4-Chlorotoluene

Dibromomethane

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1.0

2.9

1.0

1.9

1.0

ND ug/L

ND ug/L

ND ug/L

ND ug/L

ND ug/L

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08/11/08 10:49 106-43-4

08/11/08 10:49 96-12-8

08/11/08 10:49 124-48-1

08/11/08 10:49 106-93-4

08/11/08 10:49 74-95-3



0.74

0.87

0.81

0.56

0.60

1

1

1

1



Project:

7-21058 FORMER WIRE METAL

407476 Pace Project No.:

Sample: MW-102 Lab ID: 407476004 Collected: 08/06/08 00:00 Received: 08/08/08 08:50 Matrix: Water DF **Parameters** 100 LOD Prepared Analyzed CAS No. Results Units Qual 8260 MSV Analytical Method: EPA 8260 08/11/08 10:49 95-50-1 1.2-Dichlorobenzene ND ug/L 1.0 0.83 1 1,3-Dichlorobenzene 0.87 08/11/08 10:49 541-73-1 ND ug/L 1.0 1 1.4-Dichlorobenzene ND ug/L 1.0 0.95 08/11/08 10:49 106-46-7 1 Dichlorodifluoromethane 1.0 0.99 08/11/08 10:49 75-71-8 ND ug/L 1 9.6 ug/L 1,1-Dichloroethane 1.0 0.75 08/11/08 10:49 75-34-3 1 1,2-Dichloroethane ND ug/L 1.0 0.36 08/11/08 10:49 107-06-2 1 1,1-Dichloroethene ND ug/L 1.0 0.57 1 08/11/08 10:49 75-35-4 cis-1,2-Dichloroethene 0.83 08/11/08 10:49 156-59-2 13.1 ug/L 1.0 1 trans-1,2-Dichloroethene ND ug/L 0.89 08/11/08 10:49 156-60-5 1.0 1 1,2-Dichloropropane ND ug/L 1.0 0.46 1 08/11/08 10:49 78-87-5 1,3-Dichloropropane ND ug/L 2.0 0.61 1 08/11/08 10:49 142-28-9 2,2-Dichloropropane ND ug/L 1.0 0.62 1 08/11/08 10:49 594-20-7 1,1-Dichloropropene ND ug/L 1.0 0.75 1 08/11/08 10:49 563-58-6 08/11/08 10:49 10061-01-5 cis-1,3-Dichloropropene ND ug/L 0.63 0.19 1 08/11/08 10:49 10061-02-6 0.63 0.19 trans-1,3-Dichloropropene ND ug/L 1 Diisopropyl ether ND ug/L 0.76 08/11/08 10:49 108-20-3 1.0 1 Ethylbenzene 0.54 08/11/08 10:49 100-41-4 ND ug/L 1.0 1 Hexachloro-1,3-butadiene 0.67 08/11/08 10:49 87-68-3 ND ug/L 1.0 1 08/11/08 10:49 98-82-8 Isopropylbenzene (Cumene) ND ug/L 1.0 0.59 1 p-Isopropyltoluene 0.67 08/11/08 10:49 99-87-6 ND ug/L 1.0 1 Methylene Chloride ND ug/L 1.4 0.43 1 08/11/08 10:49 75-09-2 Methyl-tert-butyl ether 2.0 0.61 08/11/08 10:49 1634-04-4 ND ug/L 1 Naphthalene ND ug/L 5.0 0.74 08/11/08 10:49 91-20-3 1 n-Propylbenzene ND ug/L 1.0 0.81 1 08/11/08 10:49 103-65-1 Styrene ND ug/L 1.0 0.86 1 08/11/08 10:49 100-42-5 1,1,1,2-Tetrachloroethane 0.92 08/11/08 10:49 630-20-6 ND ug/L 1.0 1 1,1,2,2-Tetrachloroethane ND ug/L 0.67 0.20 08/11/08 10:49 79-34-5 1 Tetrachloroethene 2.6 ug/L 1.0 0.45 08/11/08 10:49 127-18-4 08/11/08 10:49 108-88-3 Toluene ND ug/L 1.0 0.67 1 1,2,3-Trichlorobenzene ND ug/L 1.0 0.74 1 08/11/08 10:49 87-61-6 1.2.4-Trichlorobenzene 0.97 08/11/08 10:49 120-82-1 ND ug/L 1.0 1 0.90 08/11/08 10:49 71-55-6 1,1,1-Trichloroethane 1.0 48.1 ug/L 1 1,1,2-Trichloroethane 0.42 08/11/08 10:49 79-00-5 ND ug/L 1.4 1 Trichloroethene 0.48 08/11/08 10:49 79-01-6 62.2 ug/L 1.0 1 Trichlorofluoromethane 0.79 08/11/08 10:49 75-69-4 ND ug/L 10 1 1,2,3-Trichloropropane ND ug/L 1.0 0.99 08/11/08 10:49 96-18-4 1 1,2,4-Trimethylbenzene ND ug/L 1.0 0.97 1 08/11/08 10:49 95-63-6 1,3,5-Trimethylbenzene ND ua/L 1.0 0.83 1 08/11/08 10:49 108-67-8 Vinyl chloride 0.18 08/11/08 10:49 75-01-4 ND ug/L 0.60 1 m&p-Xylene 1.8 08/11/08 10:49 1330-20-7 ND ug/L 2.0 1 o-Xylene ND ug/L 1.0 0.83 1 08/11/08 10:49 95-47-6 4-Bromofluorobenzene (S) 108 % 64-132 1 08/11/08 10:49 460-00-4 Dibromofluoromethane (S) 97 % 68-122 1 08/11/08 10:49 1868-53-7

Date: 08/15/2008 01:13 PM

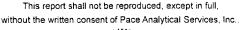
Toluene-d8 (S)

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08/11/08 10:49 2037-26-5



73-127

112 %





Project:

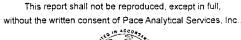
7-21058 FORMER WIRE METAL

Sample: PZ-1	Lab ID: 407476005	Collecte	Collected: 08/06/08 00:00			3/08/08 08:50 M	atrix: Water		
Parameters	Results Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Quai	
8260 MSV	Analytical Method: EPA	8260							
Benzene	ND ug/L	5.0	2.0	5		08/12/08 13:10	71-43-2		
Bromobenzene	ND ug/L	5.0	4.1	5		08/12/08 13:10	108-86-1		
Bromochloromethane	ND ug/L	5.0	4.8	5		08/12/08 13:10	74-97-5		
Bromodichloromethane	ND ug/L	9.3	2.8	5		08/12/08 13:10	75-27-4		
Bromoform	ND ug/L	15.7	4.7	5		08/12/08 13:10	75-25-2		
Bromomethane	ND ug/L	15.2	4.6	5		08/12/08 13:10	74-83-9		
n-Butylbenzene	ND ug/L	5.0	4.6	5		08/12/08 13:10	104-51-8		
sec-Butylbenzene	ND ug/L	5.0	4.4	5		08/12/08 13:10			
ert-Butylbenzene	ND ug/L	5.0	4.8	5		08/12/08 13:10			
Carbon tetrachloride	ND ug/L	5.0	2.4	5		08/12/08 13:10			
Chlorobenzene	ND ug/L	5.0	2.0	5		08/12/08 13:10			
Chloroethane	ND ug/L	5.0	4.8	5		08/12/08 13:10			
Chloroform	ND ug/L	6.2	1.8	5		08/12/08 13:10			
Chloromethane	ND ug/L	4.0	1.2	5		08/12/08 13:10			
2-Chlorotoluene	ND ug/L	5.0	4.2	5		08/12/08 13:10			
I-Chiorotoluene	ND ug/L	5.0	3.7	5		08/12/08 13:10			
1,2-Dibromo-3-chloropropane	ND ug/L	14.5	4.4	5		08/12/08 13:10			
Dibromochloromethane	ND ug/L	5.0	4.0	5		08/12/08 13:10			
I,2-Dibromoethane (EDB)	ND ug/L	9.3	2.8	5		08/12/08 13:10			
Dibromomethane	ND ug/L	5.0	3.0	5		08/12/08 13:10			
1,2-Dichlorobenzene	ND ug/L	5.0	4.2	5		08/12/08 13:10			
1,3-Dichlorobenzene	_	5.0	4.2	5		08/12/08 13:10			
1,4-Dichlorobenzene	ND ug/L	5.0	4.4	5		08/12/08 13:10			
Dichlorodifluoromethane	ND ug/L								
	ND ug/L	5.0	5.0	5		08/12/08 13:10			
I,1-Dichloroethane	79.8 ug/L	5.0	3.8	5		08/12/08 13:10			
I,2-Dichloroethane	ND ug/L	5.0	1.8	5		08/12/08 13:10			
I,1-Dichloroethene	56.2 ug/L	5.0	2.8	5		08/12/08 13:10			
cis-1,2-Dichloroethene	229 ug/L	5.0	4.2	5		08/12/08 13:10			
rans-1,2-Dichloroethene	5.0 ug/L	5.0	4.4	5		08/12/08 13:10			
,2-Dichloropropane	ND ug/L	5.0	2.3	5		08/12/08 13:10			
,3-Dichloropropane	ND ug/L	10.2	3.0	5		08/12/08 13:10			
2,2-Dichloropropane	ND ug/L	5.0	3.1	5		08/12/08 13:10			
,1-Dichloropropene	ND ug/L	5.0	3.8	5		08/12/08 13:10			
cis-1,3-Dichloropropene	ND ug/L	3.2	0.95	5		08/12/08 13:10			
rans-1,3-Dichloropropene	ND ug/L	3.2	0.95	5		08/12/08 13:10			
Diisopropyl ether	ND ug/L	5.0	3.8	5		08/12/08 13:10			
thylbenzene	ND ug/L	5.0	2.7	5		08/12/08 13:10			
dexachloro-1,3-butadiene	ND ug/L	5.0	3.4	5		08/12/08 13:10			
sopropylbenzene (Cumene)	ND ug/L	5.0	3.0	5		08/12/08 13:10			
-Isopropyltoluene	ND ug/L	5.0	3.4	5		08/12/08 13:10			
Methylene Chloride	ND ug/L	7.2	2.2	5		08/12/08 13:10			
flethyl-tert-butyl ether	ND ug/L	10.2	3.0	5		08/12/08 13:10			
Naphthalene	ND ug/L	25.0	3.7	5		08/12/08 13:10			
n-Propylbenzene	ND ug/L	5.0	4.0	5		08/12/08 13:10	103-65-1		
Styrene	ND ug/L	5.0	4.3	5		08/12/08 13:10			
,1,1,2-Tetrachloroethane	ND ug/L	5.0	4.6	5		08/12/08 13:10	630-20-6		

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Project:

7-21058 FORMER WIRE METAL

Sample: PZ-1	Lab ID: 407476005	Collecte	d: 08/06/0	3 00:00	Received: 0	8/08/08 08:50 M	atrix: Water	
Parameters	Results Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA	8260						
1,1,2,2-Tetrachloroethane	ND ug/L	3.3	1.0	5		08/12/08 13:10	79-34-5	
Tetrachloroethene	ND ug/L	5.0	2.2	5		08/12/08 13:10	127-18-4	
Toluene	ND ug/L	5.0	3.4	5		08/12/08 13:10	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L	5.0	3.7	5		08/12/08 13:10		
1,2,4-Trichlorobenzene	ND ug/L	5.0	4.8	5		08/12/08 13:10		
1,1,1-Trichloroethane	326 ug/L	5.0	4.5	5		08/12/08 13:10		
1,1,2-Trichloroethane	ND ug/L	7.0	2.1	5		08/12/08 13:10		
Trichloroethene	326 ug/L	5.0	2.4	5		08/12/08 13:10		
Trichlorofluoromethane	ND ug/L	5.0	4.0	. 5		08/12/08 13:10		
1,2,3-Trichloropropane	ND ug/L	5.0	5.0	5		08/12/08 13:10		
1,2,4-Trimethylbenzene	ND ug/L	5.0	4.8	5		08/12/08 13:10		
1,3,5-Trimethylbenzene	ND ug/L	5.0	4.2	5		08/12/08 13:10		
Vinyl chloride	10.9 ug/L	3.0	0.90	5		08/12/08 13:10		
m&p-Xylene	ND ug/L	10.0	9.0	5		08/12/08 13:10		
o-Xylene	ND ug/L	5.0	4.2	5		08/12/08 13:10	95-47-6	
4-Bromofluorobenzene (S)	108 %	64-132		5		08/12/08 13:10	460-00-4	
Dibromofluoromethane (S)	95 %	68-122		5		08/12/08 13:10	1868-53-7	
Toluene-d8 (S)	109 %	73-127		5		08/12/08 13:10	2037-26-5	
Sample: PZ-2	Lab ID: 407476006	Collected	d: 08/06/08	3 00:00	Received: 08	3/08/08 08:50 M	atrix: Water	
Parameters	Results Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA							
Benzene	ND ug/L	1.0	0.41	1		08/12/08 09:42	71-43-2	
Bromobenzene	ND ug/L	1.0	0.82	1		08/12/08 09:42		
Bromochloromethane	ND ug/L	1.0	0.97	1		08/12/08 09:42		
3romodichloromethane	ND ug/L	1.9	0.56	1		08/12/08 09:42		
Bromoform	ND ug/L	3.1	0.94	1		08/12/08 09:42		
Bromomethane	ND ug/L	3.0	0.91	1		08/12/08 09:42		
n-Butylbenzene	ND ug/L	1.0	0.93	1		08/12/08 09:42		
sec-Butylbenzene	-					08/12/08 09:42		
	ND ug/L	1.0	0.89	1				
ert-Butylbenzene	ND ug/L	1.0	0.97	1		08/12/08 09:42		
Carbon tetrachloride	ND ug/L	1.0	0.49	1		08/12/08 09:42		
Chlorobenzene	ND ug/L	1.0	0.41	1		08/12/08 09:42		
Chloroethane	ND ug/L	1.0	0.97	1		08/12/08 09:42		
Chloroform	ND ug/L	1.2	0.37	1		08/12/08 09:42		
Chloromethane	ND ug/L	0.80	0.24	1		08/12/08 09:42		
2-Chlorotoluene	ND ug/L	1.0	0.85	1		08/12/08 09:42		
I-Chlorotoluene	ND ug/L	1.0	0.74	1		08/12/08 09:42	106-43-4	
	•							
1,2-Dibromo-3-chloropropane	ND ug/L	2.9	0.87	1		08/12/08 09:42	96-12-8	
1,2-Dibromo-3-chloropropane Dibromochloromethane 1,2-Dibromoethane (EDB)		2.9 1.0	0.87 0.81 0.56	1 1		08/12/08 09:42 08/12/08 09:42 08/12/08 09:42	124-48-1	

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Dibromomethane

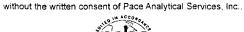
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ND ug/L

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08/12/08 09:42 74-95-3



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Project:

7-21058 FORMER WIRE METAL

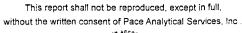
Pace Project No.: 407476

Sample: PZ-2	Lab ID: 407476006	Collecte	d: 08/06/08	3 00:00	Received: 0	8/08/08 08:50	Matrix: Water	
Parameters	Results Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua
3260 MSV	Analytical Method: EPA	8260						
1,2-Dichlorobenzene	ND ug/L	1.0	0.83	1		08/12/08 09:	42 95-50-1	
1,3-Dichlorobenzene	ND ug/L	1.0	0.87	1		08/12/08 09:	42 541-73-1	
1,4-Dichlorobenzene	ND ug/L	1.0	0.95	1		08/12/08 09:	42 106-46-7	
Dichlorodifluoromethane	ND ug/L	1.0	0.99	1		08/12/08 09:	42 75-71-8	
1,1-Dichloroethane	2.7 ug/L	1.0	0.75	1		08/12/08 09:	42 75-34-3	
1,2-Dichloroethane	ND ug/L	1.0	0.36	1			42 107-06-2	
1,1-Dichloroethene	ND ug/L	1.0	0.57	1		08/12/08 09:		
cis-1,2-Dichloroethene	41.5 ug/L	1.0	0.83	1			42 156-59-2	
rans-1,2-Dichloroethene	ND ug/L	1.0	0.89	1			42 156-60-5	
1,2-Dichloropropane	ND ug/L	1.0	0.46	1		08/12/08 09:		
1,3-Dichloropropane	ND ug/L	2.0	0.40	1			42 142-28-9	
2,2-Dichloropropane	-	1.0	0.62	1			42 594-20-7	
1,1-Dichloropropene	ND ug/L	1.0	0.02	1			42 563-58-6	
	ND ug/L			1				
sis-1,3-Dichloropropene	ND ug/L	0.63	0.19				42 10061-01-5	
rans-1,3-Dichloropropene	ND ug/L	0.63	0.19	1			42 10061-02-6	
Diisopropyl ether	ND ug/L	1.0	0.76	1			42 108-20-3	
thylbenzene	ND ug/L	1.0	0.54	1			42 100-41-4	
lexachloro-1,3-butadiene	ND ug/L	1.0	0.67	1		08/12/08 09:		
sopropylbenzene (Cumene)	ND ug/L	1.0	0.59	1		08/12/08 09:		
o-Isopropyltoluene	ND ug/L	1.0	0.67	1		08/12/08 09:		
Methylene Chloride	ND ug/L	1.4	0.43	1		08/12/08 09:		
flethyl-tert-butyl ether	ND ug/L	2.0	0.61	1		08/12/08 09:	42 1634-04-4	
laphthalene	ND ug/L	5.0	0.74	1		08/12/08 09:	42 91-20-3	
-Propylbenzene	ND ug/L	1.0	0.81	1		08/12/08 09:	42 103-65-1	
Styrene	ND ug/L	1.0	0.86	1		08/12/08 09:	42 100-42-5	
,1,1,2-Tetrachloroethane	ND ug/L	1.0	0.92	1		08/12/08 09:	42 630-20-6	
,1,2,2-Tetrachloroethane	ND ug/L	0.67	0.20	1		08/12/08 09:	42 79-34-5	
etrachloroethene	ND ug/L	1.0	0.45	1		08/12/08 09:	42 127-18-4	
oluene	ND ug/L	1.0	0.67	1		08/12/08 09:	42 108-88-3	
,2,3-Trichlorobenzene	ND ug/L	1.0	0.74	1		08/12/08 09:		
,2.4-Trichlorobenzene	ND ug/L	1.0	0.97	1			42 120-82-1	
.1.1-Trichloroethane	ND ug/L	1.0	0.90	1		08/12/08 09:		
,1,2-Trichloroethane	ND ug/L	1.4	0.42	1		08/12/08 09:		
richloroethene	64.8 ug/L	1.0	0.48	1		08/12/08 09:		
richlorofluoromethane	ND ug/L	1.0	0.79	1		08/12/08 09:		
,2,3-Trichloropropane	ND ug/L	1.0	0.79	1		08/12/08 09:		
,2,4-Trimethylbenzene			0.93			08/12/08 09:		
	ND ug/L	1.0		1				
,3,5-Trimethylbenzene	ND ug/L	1.0	0.83				42 108-67-8	
/inyl chloride	1.9 ug/L	0.60	0.18	1		08/12/08 09:		
n&p-Xylene	ND ug/L	2.0	1.8	1			42 1330-20-7	
-Xylene	ND ug/L	1.0	0.83	1		08/12/08 09:		
-Bromofluorobenzene (S)	109 %	64-132		1			42 460-00-4	
Dibromofluoromethane (S)	97 %	68-122		1			42 1868-53-7	рН
īoluene-d8 (S)	113 %	73-127		1		08/12/08 09:	42 2037-26-5	

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Project:

7-21058 FORMER WIRE METAL

Sample: TRIP BLANK	Lab ID: 4	07476007	Collecte	d: 08/06/08	3 00:00	Received: 08	3/08/08 08:50 M	atrix: Water	
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qua
8260 MSV	Analytical M	lethod: EPA	8260						
Benzene	ND ug/	L	1.0	0.41	1		08/11/08 11:13	71-43-2	
Bromobenzene	ND ug/	L	1.0	0.82	1		08/11/08 11:13	108-86-1	
Bromochloromethane	ND ug/l		1.0	0.97	1		08/11/08 11:13	74-97-5	
Bromodichloromethane	ND ug/l		1.9	0.56	1		08/11/08 11:13	75-27-4	
Bromoform	ND ug/l	L	3.1	0.94	1		08/11/08 11:13	75-25-2	
Bromomethane	ND ug/l		3.0	0.91	1		08/11/08 11:13		
n-Butylbenzene	ND ug/l		1.0	0.93	1		08/11/08 11:13		
sec-Butylbenzene	ND ug/l		1.0	0.89	1		08/11/08 11:13		
tert-Butylbenzene	ND ug/l		1.0	0.97	1		08/11/08 11:13		
Carbon tetrachloride	ND ug/l		1.0	0.49	1		08/11/08 11:13		
Chlorobenzene	ND ug/l		1.0	0.41	1		08/11/08 11:13		
Chloroethane	ND ug/l		1.0	0.97	1		08/11/08 11:13		
Chloroform	ND ug/l		1.0	0.37	1		08/11/08 11:13		
Chloromethane	ND ug/l		0.80	0.37	1		08/11/08 11:13		
2-Chlorotoluene	•			0.24			08/11/08 11:13		
	ND ug/L		1.0		1				
4-Chlorotoluene	ND ug/l		1.0	0.74	1		08/11/08 11:13		
1,2-Dibromo-3-chloropropane	ND ug/l		2.9	0.87	1		08/11/08 11:13		
Dibromochloromethane	ND ug/L		1.0	0.81	1		08/11/08 11:13		
1,2-Dibromoethane (EDB)	ND ug/L		1.9	0.56	1		08/11/08 11:13		
Dibromomethane	ND ug/L		1.0	0.60	1		08/11/08 11:13		
1,2-Dichlorobenzene	ND ug/L		1.0	0.83	1		08/11/08 11:13		
1,3-Dichlorobenzene	ND ug/L		1.0	0.87	1		08/11/08 11:13		
1,4-Dichlorobenzene	ND ug/L	_	1.0	0.95	1		08/11/08 11:13		
Dichlorodifluoromethane	ND ug/L	-	1.0	0.99	1		08/11/08 11:13	75-71-8	
I,1-Dichloroethane	ND ug/L	_	1.0	0.75	1		08/11/08 11:13	75-34-3	
1,2-Dichloroethane	ND ug/L	_	. 1.0	0.36	1		08/11/08 11:13	107-06-2	
I,1-Dichloroethene	ND ug/L	-	1.0	0.57	1		08/11/08 11:13	75-35-4	
cis-1,2-Dichloroethene	ND ug/L	_	1.0	0.83	1		08/11/08 11:13	156-59-2	
rans-1,2-Dichloroethene	ND ug/L	-	1.0	0.89	1		08/11/08 11:13	156-60-5	
,2-Dichloropropane	ND ug/L		1.0	0.46	1		08/11/08 11:13	78-87-5	
I,3-Dichloropropane	ND ug/L	_	2.0	0.61	1		08/11/08 11:13	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	0.62	1		08/11/08 11:13		
1,1-Dichloropropene	ND ug/L		1.0	0.75	1		08/11/08 11:13		
is-1,3-Dichloropropene	ND ug/L		0.63	0.19	1		08/11/08 11:13		
rans-1,3-Dichloropropene	ND ug/L		0.63	0.19	1		08/11/08 11:13		
Diisopropyl ether	ND ug/L		1.0	0.76	1		08/11/08 11:13		
Ethylbenzene	ND ug/L		1.0	0.54	1		08/11/08 11:13		
lexachloro-1,3-butadiene	ND ug/L		1.0	0.67	1		08/11/08 11:13		
sopropylbenzene (Cumene)	ND ug/L		1.0	0.59	1		08/11/08 11:13		
-Isopropyltoluene	-			0.59	1		08/11/08 11:13		
· • •	ND ug/L		1.0						
Methylene Chloride	ND ug/L		1.4	0.43	1		08/11/08 11:13		
Methyl-tert-butyl ether	ND ug/L		2.0	0.61	1		08/11/08 11:13		
Naphthalene	ND ug/L		5.0	0.74	1		08/11/08 11:13		
n-Propylbenzene	ND ug/L		1.0	0.81	1		08/11/08 11:13		
Styrene	ND ug/L	-	1.0	0.86	1		08/11/08 11:13		
4.4.9 Takanahlasa akkana	AID . #		4.0	0.00	4		00/44/00 44:40	000 00 0	

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1,1,1,2-Tetrachloroethane

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1.0

ND ug/L

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08/11/08 11:13 630-20-6



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Project:

7-21058 FORMER WIRE METAL

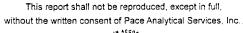
Pace Project No.: 407476

Sample: TRIP BLANK	Lab ID: 40747	76007 Collecte	d: 08/06/0	8 00:00	Received: 08/	08/08 08:50 M	Matrix: Water		
Parameters	Results Uni	its LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual	
8260 MSV	Analytical Metho	d: EPA 8260							
1,1,2,2-Tetrachloroethane	ND ug/L	0.67	0.20	1		08/11/08 11:13	79-34-5		
Tetrachloroethene	ND ug/L	1.0	0.45	1		08/11/08 11:13	127-18-4		
Toluene	ND ug/L	1.0	0.67	1		08/11/08 11:13	108-88-3		
1,2,3-Trichlorobenzene	ND ug/L	1.0	0.74	1		08/11/08 11:13	87-61-6		
1,2,4-Trichlorobenzene	ND ug/L	1.0	0.97	1		08/11/08 11:13	120-82-1		
1,1,1-Trichloroethane	ND ug/L	1.0	0.90	1		08/11/08 11:13	71-55-6		
1,1,2-Trichloroethane	ND ug/L	1.4	0.42	1		08/11/08 11:13	79-00-5		
Trichloroethene	ND ug/L	1.0	0.48	1		08/11/08 11:13	79-01-6		
Trichlorofluoromethane	ND ug/L	1.0	0.79	1		08/11/08 11:13	75-69-4		
1,2,3-Trichloropropane	ND ug/L	1.0	0.99	1		08/11/08 11:13	96-18-4		
1,2,4-Trimethylbenzene	ND ug/L	1.0	0.97	1		08/11/08 11:13	95-63-6		
1,3,5-Trimethylbenzene	ND ug/L	1.0	0.83	1		08/11/08 11:13	108-67-8		
Vinyl chloride	ND ug/L	0.60	0.18	1		08/11/08 11:13	75-01-4		
m&p-Xylene	ND ug/L	2.0	1.8	1		08/11/08 11:13	1330-20-7		
o-Xylene	ND ug/L	1.0	0.83	1		08/11/08 11:13	95-47-6		
4-Bromofluorobenzene (S)	109 %	64-132		1		08/11/08 11:13	460-00-4		
Dibromofluoromethane (S)	98 %	68-122		1		08/11/08 11:13	1868-53-7		
Toluene-d8 (S)	111 %	73-127		1		08/11/08 11:13	2037-26-5		

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Project:

7-21058 FORMER WIRE METAL

Pace Project No.:

407476

QC Batch: MSV/2367 QC Batch Method:

Analysis Method:

EPA 8260

EPA 8260

Analysis Description:

8260 MSV

Associated Lab Samples:

407476001, 407476002, 407476003, 407476004, 407476005, 407476006, 407476007

METHOD BLANK: 62696

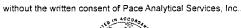
Associated Lab Samples: 407476001, 407476002, 407476003, 407476004, 407476005, 407476006, 407476007

·	,,	Blank	Reporting	,
Parameter	Units	Result	Limit	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	
1,1,1-Trichloroethane	ug/L	ND	1.0	
1,1,2,2-Tetrachloroethane	ug/L	ND	0.67	
1,1,2-Trichloroethane	ug/L	ND	1.4	
1,1-Dichloroethane	ug/L	ND	1.0	
1,1-Dichloroethene	ug/L	ND	1.0	
1,1-Dichloropropene	ug/L	ND	1.0	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	
1,2,3-Trichloropropane	ug/L	ND	1.0	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.9	
1,2-Dibromoethane (EDB)	ug/L	ND	1.9	
1,2-Dichlorobenzene	ug/L	ND	1.0	
1,2-Dichloroethane	ug/L	ND	1.0	
1,2-Dichloropropane	ug/L	ND	1.0	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	
1,3-Dichlorobenzene	ug/L	ND	1.0	
1,3-Dichloropropane	ug/L	ND	2.0	
1,4-Dichlorobenzene	ug/L	ND	1.0	
2,2-Dichloropropane	ug/L	ND	1.0	
2-Chlorotoluene	ug/L	ND	1.0	
4-Chlorotoluene	ug/L	ND	1.0	
Benzene	ug/L	ND	1.0	
Bromobenzene	ug/L	ND	1.0	
Bromochloromethane	ug/L	ND	1.0	
Bromodichloromethane	ug/L	ND	1.9	
Bromoform	ug/L	ND	3.1	
Bromomethane	ug/L	ND	3.0	
Carbon tetrachloride	ug/L	ND	1.0	
Chlorobenzene	ug/L	ND	1.0	
Chloroethane	ug/L	ND	1.0	
Chloroform	ug/L	ND	1.2	
Chloromethane	ug/L	ND	0.80	
cis-1,2-Dichloroethene	ug/L	ПИ	1.0	
cis-1,3-Dichloropropene	ug/L	ND	0.63	
Dibromochloromethane	ug/L	ND	1.0	
Dibromomethane	ug/L	ND	1.0	
Dichlorodifluoromethane	ug/L	ND	1.0	
Diisopropyl ether	ug/L	ND	1.0	
Ethylbenzene	ug/L	ND	1.0	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	

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Project:

7-21058 FORMER WIRE METAL

Pace Project No.:

407476

METHOD BLANK: 62696

Associated Lab Samples:

407476001, 407476002, 407476003, 407476004, 407476005, 407476006, 407476007

Parameter	Units	Blank Result	Reporting Limit	Qualifiers
m&p-Xylene	ug/L	ND	2.0	
Methyl-tert-butyl ether	ug/L	ND	2.0	
Methylene Chloride	ug/L	ND	1.4	
n-Butylbenzene	ug/L	ND	1.0	
n-Propylbenzene	ug/L	ND	1.0	
Naphthalene	ug/L	ND	5.0	
o-Xylene	ug/L	ND	1.0	
p-Isopropyltoluene	ug/L	ND	1.0	
sec-Butylbenzene	ug/L	ND	1.0	
Styrene	ug/L	ND	1.0	
tert-Butylbenzene	ug/L	ND	1.0	
Tetrachloroethene	ug/L	ND	1.0	
Toluene	ug/L	ND	1.0	
trans-1,2-Dichloroethene	ug/L	ND	1.0	
trans-1,3-Dichloropropene	ug/L	ND	0.63	
Trichloroethene	ug/L	ND	1.0	
Trichlorofluoromethane	ug/L	ND	1.0	
Vinyt chloride	ug/L	ND	0.60	
4-Bromofluorobenzene (S)	%	105	64-132	
Dibromofluoromethane (S)	%	98	68-122	
Toluene-d8 (S)	%	111	73-127	

LABORATORY CONTROL SAME	PLE & LCSD: 62697	——————————————————————————————————————	62	2698						
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.5	51.0	101	102	75-128	.9	20	
1,1,2,2-Tetrachloroethane	ug/L	50	53.3	52.2	107	104	67-125	2	20	
1,1,2-Trichloroethane	ug/L	50	50.2	52.4	100	105	75-125	4	20	
1,1-Dichloroethane	ug/L	50	55.6	56.6	111	113	71-130	2	20	
1,1-Dichloroethene	ug/L	50	57.0	57.2	114	114	75-125	.5	20	
1,2-Dichloroethane	ug/L	50	48.6	48.7	97	97	71-132	.2	20	
1,2-Dichloropropane	ug/L	50	48.9	49.9	98	100	73-125	2	20	
Benzene	ug/L	50	53.5	56.8	107	114	75-125	6	20	
Bromodichloromethane	ug/L	50	49.8	47.3	100	95	75-125	5	20	
Bromoform	ug/L	50	44.8	45.3	90	91	75-125	1	20	
Bromomethane	ug/L	50	46.1	48.0	92	96	66-125	4	20	
Carbon tetrachloride	ug/L	50	48.8	49.5	98	99	75-125	1	20	
Chlorobenzene	ug/L	50	52.9	53.5	106	107	75-125	1	20	
Chloroethane	ug/L	50	51.3	52.4	103	105	72-126	2	20	
Chloroform	ug/L	50	49.1	51.1	98	102	75-125	4	20	
Chloromethane	ug/L	50	45.8	45.0	92	90	46-143	2	20	
cis-1,2-Dichloroethene	ug/L	50	51.2	50.2	102	100	75-125	2	20	
cis-1,3-Dichloropropene	ug/L	50	49.9	50.5	100	101	75-125	1	20	
Dibromochloromethane	ug/L	50	44.0	44.7	88	89	75-125	2	20	
Ethylbenzene	ug/L	50	55.1	55.8	110	112	75-125	1	20	

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Project:

7-21058 FORMER WIRE METAL

Pace Project No.: 407476

LABORATORY CONTROL SAME	PLE & LCSD: 62697		62	2698	-					
Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
m&p-Xylene	ug/L	100	109	111	109	111	75-125	2	20	
Methylene Chloride	ug/L	50	53.3	55.7	107	111	75-125	4	20	
o-Xylene	ug/L	50	49.8	51.3	100	103	75-125	3	20	
Styrene	ug/L	50	50.8	51.6	102	103	75-125	2	20	
Tetrachloroethene	ug/L	50	48.5	47.9	97	96	75-130	1	20	
Toluene	ug/L	50	55.2	55.9	110	112	75-125	1	20	
trans-1,2-Dichloroethene	ug/L	50	55.1	55.8	110	112	75-125	1	20	
trans-1,3-Dichloropropene	ug/L	50	48.9	50.0	98	100	75-125	2	20	
Trichloroethene	ug/L	50	56.7	55.7	113	111	75-125	2	20	
Vinyl chloride	ug/L	50	45.1	46.9	90	94	65-130	4	20	
4-Bromofluorobenzene (S)	%				108	112	64-132			
Dibromofluoromethane (S)	%				100	99	68-122			
Toluene-d8 (S)	%				111	111	73-127			

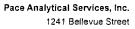
MATRIX SPIKE & MATRIX SP	IKE DUPLICAT	TE: 62752			62753							
			MS	MSD								
		407476004	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
. Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
1,1,1-Trichloroethane	ug/L	48.1	50	50	97.1	100	98	105	70-130	3	30	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	54.6	54.3	109	109	70-130	.5	30	
1,1,2-Trichloroethane	ug/L	ND	50	50	50.2	52.5	100	105	70-130	4	30	
1,1-Dichloroethane	ug/L	9.6	50	50	65.2	67.6	111	116	70-130	4	30	
1,1-Dichloroethene	ug/L	ND	50	50	54.2	54.9	108	110	70-135	1	30	
1,2-Dichloroethane	ug/L	ND	50	50	44.6	48.3	87	95	70-130	8	30	
1,2-Dichloropropane	ug/L	ND	50	50	49.5	51.8	99	104	70-130	4	30	
Benzene	ug/L	ND	50	50	54.1	57.9	108	116	70-130	7	30	
Bromodichloromethane	ug/L	ND	50	50	47.3	47.0	95	94	70-130	.5	30	
Bromoform	ug/L	ND	50	50	42.3	44.1	85	88	70-130	4	30	
Bromomethane	ug/L	ND	50	50	46.9	47.3	94	95	63-147	1	30	
Carbon tetrachloride	ug/L	ND	50	50	47.0	48.4	94	97	70-131	3	30	
Chlorobenzene	ug/L	ND	50	50	52.3	52.5	105	105	70-130	.3	30	
Chloroethane	ug/L	ND	50	50	47.4	51.6	95	103	67-138	9	30	
Chloroform	ug/L	ND	50	50	50.9	49.5	102	99	70-130	3	30	
Chloromethane	ug/L	ND	50	50	41.9	42.8	84	86	43-150	2	30	
cis-1,2-Dichloroethene	ug/L	13.1	50	50	64.5	65.3	103	104	70-130	1	30	
cis-1,3-Dichloropropene	ug/L	ND	50	50	51.2	49.1	102	98	70-130	4	30	
Dibromochloromethane	ug/L	ND	50	50	43.0	42.6	86	85	70-130	.7	30	
Ethylbenzene	ug/L	ND	50	50	54.5	54.7	109	109	70-136	.3	30	
m&p-Xylene	ug/L	ND	100	100	104	107	104	107	70-137	3	30	
Methylene Chloride	ug/L	ND	50	50	54.0	54.8	108	110	70-130	1	30	
o-Xylene	ug/L	ND	50	50	47.6	49.0	95	98	70-130	3	30	
Styrene	ug/L	ND	50	50	38.3	43.2	77	86	70-130	12	30	
Tetrachloroethene	ug/L	2.6	50	50	47.6	50.5	90	96	70-130	6	30	
Toluene	ug/L	ND	50	50	53.2	55.0	106	110	70-130	3	30	
trans-1,2-Dichloroethene	ug/L	ND	50	50	53.5	55.7	107	111	70-130	4	30	
trans-1,3-Dichloropropene	ug/L	ND	50	50	46.4	46.4	93	93	70-130	.1	30	
Trichloroethene	ug/L	62.2	50	50	116	118	107	112	70-130	2	30	

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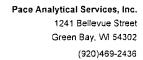
Project:

7-21058 FORMER WIRE METAL

Pace Project No.: 407476

MATRIX SPIKE & MATRIX SP	IKE DUPLICA	TE: 62752			62753							
Parameter	Units	407476004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Vinyl chloride	ug/L	ND ND	50	50	43.2	42.1	86	84	62-138	2	30	
4-Bromofluorobenzene (S)	%						109	112	64-132			
Dibromofluoromethane (S)	%						97	99	68-122			
Toluene-d8 (S)	%						109	111	73-127			







QUALIFIERS

Project:

7-21058 FORMER WIRE METAL

Pace Project No.: 407476

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

pH Post-analysis pH measurement indicates insufficient VOA sample preservation.



UPPER MIDWEST REGION

	(Please Print Clearly)		ļ	UPPER MIDWEST REGION	Page 1 of
Company Name:	: MES		_	MN: 612-607-1700 WI: 920-469-2436	
Branch/Location	" Wanteska	- / Pace An	alytical "		
Project Contact:		www.	pacelebs.com	Quote #:	
Phone:	2107-57-2125	CHAIN	OF CUSTO	Mail To Contact:	Mike Rehalat
Project Number:	7-21058	A=None B=HCL C=H2SO4	*Preservation Codes	Mall To Company:	inss
Project Name:	former wike meta	H=Sodium Bisulfate Solution	I=Sodium Thiosulfate J=Other	Mail To Address:	821 Corporate Ct. Suita 102 Wantesma, W1 53/89
Project State:	WI .	FILTERED? (YES/NO)			whitesha w 53/89
Sampled By (Pri	Int): 1 according / Mexical	PRESERVATION Pick B		Invoice To Contact:	Samo
Sampled By (Sig	an): Facil Tulone	y g		Involce To Company:	Samp
PO#:	Regula Progra	lory 25 1 1 1 1 1 1 1 1 1		Invoice To Address:	Same Same
Data Package	<u>, , , , , , , , , , , , , , , , , , , </u>	Matrix Codes W = Water			
☐ EPA L	evel III On your sample B = Blots C = Charc	DW = Drinking Water pel GW = Ground Water SW = Surface Water	ا ا ا از	Invoice To Phone:	Same
EPA L	your sample S = Soil SI = Sludg	WW = Waste Water WP = WIPe	3	CLIENT	LAB COMMENTS Profile #
PACE LAB'#		COLLECTION MATRIX		COMMENTS	(Lab Use Only)
001 m	1w-7 8/4	108 am Gw X			3-40m1B
	nw-9	X			10-40m15
	mw-10				3-40MB
	MW-102				1
005	D7-1				
000	02-2				
007 +	rio Blank				2.40m1B
,	THE DATE OF				-
Rush Turna	around Time Requested - Prelims	Religguished Bu:	Date/Firms / C	D-10-10-10-10-10-10-10-10-10-10-10-10-10-	PACE Project No.
(Rush TAT subject to approval/surcharge)		Inquished By: Record By:		Record By: Bate/Time:	11/17/11/7/-
Date Needed:		Reninguished By			701716
	Rush Results by (complete what you want):	1) - Tanuar	3 / / 100	Walto	Receipt Temp + C °C
Email #1:		Relinquished By	Dayle/Time:	Received By: Denific Schust 8191	856
Email #2:		Walter	8/8/02/850	Jeneye Shux 8(9)	Sample Receipt pH
Telephone:		Relinquished By:	Date/Time:	Received By: Date/Time:	OK / Adjusted
Fax:	1010	_			Cooler Custody Seal
Samples on HOLD are subject to special pricing and release of liability		Relinquished By:	Date/Time:	Received By: Date/Time:	Present / Not Present Intact / Not Intact

Sample Condition Upon Receipt Client Name: MES Courier: Fed Ex UPS USPS Client Commercial Pace Other Tracking #: Custody Seal on Cooler/Box Present: yes no Seals intact: ves no Packing Material: Bubble Wrap Bubble Bags None Other Thermometer Used Type of Ice: Wet Blue None Samples on ice, cooling process has begun Date and Initials of person examining contents: 8 8 08 34 Biological Tissue is Frozen: Yes No **Cooler Temperature** Temp should be above freezing to 6°C Comments: Chain of Custody Present: EYes ONO ONA 1. Dives ONO ONA 2. Chain of Custody Filled Out: Chain of Custody Relinquished: Dres ONO ONA 3. Sampler Name & Signature on COC: EYes ONO ONA 4. ØYes □No Samples Arrived within Hold Time: □N⁄A UYes DNo Short Hold Time Analysis (<72hr): □N/A □Yes □Mo □N⁄A **Rush Turn Around Time Requested:** Sufficient Volume: ØYes □No □N⁄A Correct Containers Used: □N/A ØYès □No -Pace Containers Used: Dyes ONO □N/A Containers Intact: □Xes □No □N/A Filtered volume received for Dissolved tests □Yes □No EINA EYes ONO ONA Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: All containers needing preservation have been checked. DYes DNo ZINA 13. All containers needing preservation are found to be in □Yes □No ZNA compliance with EPA recommendation. Initial when Lot # of added □Yes □No exceptions: VOA, coliform, TOC, O&G, WI-DRO (water) completed preservative □Yes □No 1 NA 14. Samples checked for dechlorination: □Yes ØNo □NA 15. Headspace in VOA Vials (>6mm): ∕ÚYeş □No Trip Blank Present: □NA 116. ZÍYes □No □N/A Trip Blank Custody Seals Present Pace Trip Blank Lot # (if purchased): Client Notification/ Resolution: Field Data Required? Person Contacted: Date/Time: Comments/ Resolution:

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

Project Manager Review:

Date: