RSV
ENGINEERING, INC.
Engineers • Land Surveyors • Environmental Scientists

RECEIVED
JAN 12 2009
By VS

December 11, 2008

Mr. Jim Delwiche
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, Wisconsin 53188

Re: Additional Site Investigation Summary
Klinke Cleaners
Fox Run Shopping Center
Waukesha, Wisconsin

Dear Mr. Delwiche:

RSV Engineering, Inc. (RSV) is pleased to present the results of recent monitoring well installation and groundwater sampling activities at the above-named site (Figure 1), as outlined in our August 31, 2006 Change Order Proposal.

Field Activities

On October 23, 2008 RSV mobilized a hollow stem auger drilling rig to install two additional monitoring wells, MW-7 and MW-8 (Figure 2). The wells are constructed of 2-inch flush-threaded PVC, with 10-foot screens intersecting the water table. Groundwater was encountered at approximately 6 feet below ground surface (bgs) during drilling, and the well screens were installed from 3 to 13 feet bgs. Due to the nature of the elastic silt present in the screened interval of the wells, water was not immediately available for development purposes. The wells were allowed to equilibrate for 10 days and RSV returned to the site to develop the wells and sample all site wells on November 3, 2008. The new wells (MW-7 and MW-8) were alternately bailed dry several times over a 90-minute period and sampled following the final recharge. Soil boring logs, monitoring well construction and development forms are included as Attachment A.

Following development of monitoring wells MW-7 and MW-8, groundwater levels in all wells were measured (Table 1), the wells were purged and groundwater samples were collected for analysis of volatile organic compounds (VOCs; Table 2 and Attachment B).

On November 14, 2008 the elevations of the new wells were surveyed relative to the existing wells.

Results

Groundwater Flow

Similar to previous investigation results, groundwater contours constructed from water table surface elevations indicate that shallow groundwater flows to the east in the vicinity of monitoring wells MW-3 and MW-5, and to the northeast in the vicinity of monitoring

well MW-2. With the addition of the two monitoring wells to the north, it appears that there is also a southerly component of groundwater flow (Figure 2). Specifically, groundwater appears to flow radially from a high spot near monitoring well MW-8 to the southwest toward monitoring well MW-6 and to the southeast toward monitoring wells MW-3 and MW-5.

Piezometric surface contours were also constructed from water elevations in deep monitoring wells (MW-1, MW-3P and MW-4). Previous contours constructed for the January 2006 piezometric surface indicated that deep groundwater flowed to the north and northwest across the site. Piezometric surface contours constructed from the November 2008 deep groundwater elevations indicate that flow had reversed at that time and flowed to the south (Figure 3).

Groundwater Analytical Data

Volatile organic compounds were not detected in the groundwater samples collected from monitoring wells MW-7 or MW-8 on the adjacent property to the north. Additionally, analytical results of the groundwater samples collected in November 2008 from monitoring wells previously sampled suggest that VOC concentrations in shallow and deep groundwater are stable at the site. Tetrachloroethane concentrations in samples collected from monitoring well MW-5 continue to be the highest at the site.

Conclusions and Recommendations

Based on groundwater flow patterns documented at the site to date, groundwater flow near monitoring well MW-5 appears to be to the east. As such, there are no monitoring wells currently downgradient of this location. Additionally, the area is a major utility corridor, and may be a preferential pathway for groundwater flow. Consequently, RSV recommends that a water table monitoring well be installed downgradient (east) of monitoring well MW-5.

PCE concentrations in site piezometers are below the NR 140 enforcement standard (ES). However, concentrations of PCE are approximately 3 orders of magnitude higher in monitoring well MW-5 than MW-3, and the potentiometric surface elevation difference between the piezometer and water table well in the MW-3 nest suggests there is a strong downward gradient in the area of these wells. Consequently, RSV recommends that an additional piezometer be installed downgradient of monitoring well MW-5. However, as the downgradient extent of PCE concentrations in shallow groundwater exceeding the ES remains undefined, RSV recommends that the location of the piezometer be selected following completion of additional shallow groundwater investigation activities, particularly with respect to the utility corridor's potential to act as a preferential pathway for groundwater flow.

We look forward to your review and comments. If you have any questions about this report, or require any further information, please call.

Sincerely,

RSV ENGINEERING, INC.

Paula A. Richardson, P.G.
Hydrogeologist

Robert J. Nauta, P.G.
Principal Hydrogeologist

Enclosures:

Tables 1 and 2
Figures 1 through 3
Attachments A and B

cc: Mr. Richard Klinke

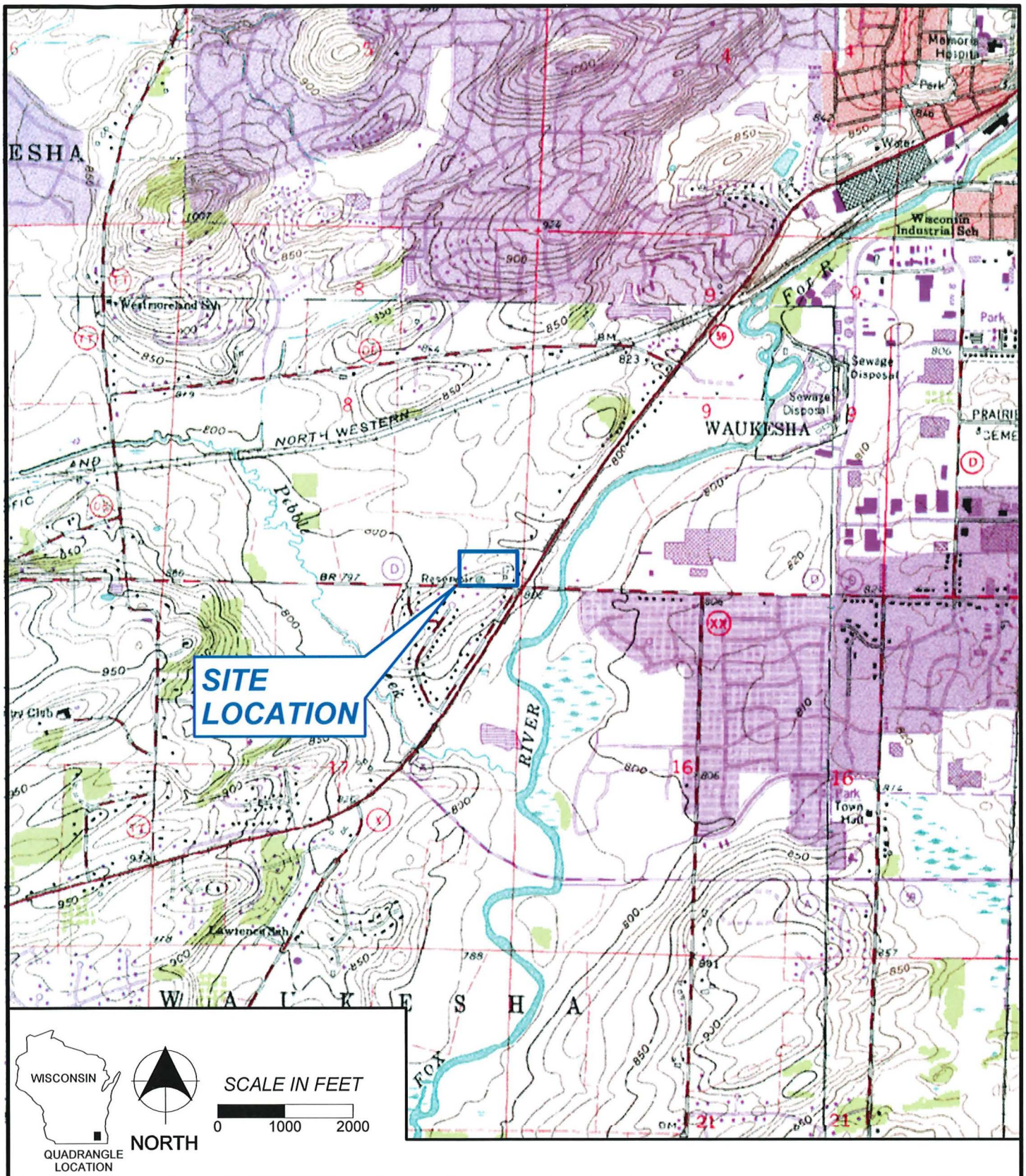
TABLES

TABLE 1
KLINKE CLEANERS
FOX RUN SHOPPING CENTER
WAUKESHA, WISCONSIN
GROUNDWATER ELEVATIONS

Well Location	Date	Top of Casing Elevation (feet)	Depth to Water from TOC (feet)	Water Table Elevation (feet)
MW-1	1/12/2006	101.39	24.60	76.79
	11/3/2008		24.48	76.91
MW-2	1/12/2006	100.21	8.68	91.53
	11/3/2008		8.84	91.37
MW-3	1/12/2006	99.66	8.16	91.5
	11/3/2008		8.50	91.16
P-3	1/12/2006	100.44	32.03	68.41
	11/3/2008		20.89	79.55
MW-4	1/12/2006	100.41	23.48	76.93
	11/3/2008		23.43	76.98
MW-5	1/12/2006	99.78	9.20	90.58
	11/3/2008		9.48	90.3
MW-6	1/12/2006	100.00	8.64	91.36
	11/3/2008		8.80	91.20
MW-7	11/3/2008	99.04	8.32	90.72
MW-8	11/3/2008	99.83	8.05	91.78

TOC : Top of casing.
bgs: Below ground surface.
[1] Elevations in feet, referenced to a local datum (top of MW-6).

FIGURES



RSV ENGINEERING, INC.

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112 S. MAIN STREET JEFFERSON, WISCONSIN 53549 (920)674-3411

KLINKE CLEANERS
FOX RUN - WAUKESHA, WISCONSIN
SITE LOCATION MAP

FIGURE 1

DRAWN BY	PROJ. No.	DATE	FILE NAME
RN	05-529	14 JUN 05	SITE LOC

ATTACHMENT A

Soil Boring Logs, Monitoring Well Construction and Development Forms

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☒ Other ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
Klinke Cleaners - Waukesha		MW-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: Bob Last Name: Firm: Badger State Drilling	10/23/2008	10/23/2008	HSA 4¼"

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
_ _ _ _ _ _	_ _ _	MW-7	_____ Feet MSL	_____ Feet MSL	8 inches

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E
_____ 1/4 of _____ 1/4 of Section _____, T _____ N, R _____
Lat ° ' "
Long ° ' "
Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Waukesha		Waukesha

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1 SS 1'-3'	12/24		1	0-1 Topsoil, very dark grayish brown, moist, 10% rootlets, fine sand	ML									
			2	1-3.5 Poorly-Graded Sand fine, light yellowish-brown, moist	SP									
			3											
2 SS 4'-6'	24/24		4	3.5-5 Clayey Sand, very dark brown, fine sand, moist	SC									
			5	5-13.7 Elastic Silt, light gray, very moist	MH									
3 SS 7'-9'	16/24		6	Wet @ 6'										
4 SS 11'-13'	19/24													
			13	End of Boring @ 13.7'										
				Set well @ 13'										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Paul Rus	RSU Engineering, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☑ Other ☐ _____

Page 1 of 1

Facility/Project Name: Klinke Cleaners - Waukesha	License/Permit/Monitoring Number	Boring Number: MW-8	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Bob Last Name: Firm: Badger State Drilling	Date Drilling Started: 10/23/2008 (mm dd yyyy)	Date Drilling Completed: 10/23/2008 (mm dd yyyy)	Drilling Method: HSA 4 1/4"
WI Unique Well No.	DNR Well ID No.	Well Name: MW-8	Final Static Water Level: ____ Feet MSL	Surface Elevation: ____ Feet MSL	Borehole Diameter: 8 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane ____ N, ____ E		Lat ° ' " Long ° ' "	Local Grid Location: ____ Feet ☐ N ☐ S ____ Feet ☐ E ☐ W		
____ 1/4 of ____ 1/4 of Section ____, T ____ N, R ____					
Facility ID	County: Waukesha	County Code	Civil Town/City/ or Village: Waukesha		

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			1	0-1 Topsoil, very dark grayish brown, moist, 10% rootlets, fine sand	ML									
1 SS 3'-5'	14/24		2	1-4 Poorly-Graded Sand, fine, light yellowish-brown moist	SP									
			3											
			4	4-13.5 Elastic Silt, light gray, very moist	MH									
2 SS 7'-9'	24/24		7	∇ wet @ 7'										
3 SS 11'-13'	21/24													
			13	End of Boring @ 13.5' Set well @ 13'										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Pam Rini Firm: RSV Engineering

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Klinke Cleaners-Waukesha	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-7
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed: 10/23/2008 (m m d d y y y y)
Type of Well: Well Code MW/	Section Location of Waste/Source: ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: Bob / Badger State Drilling
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☒ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 99.09 ft. MSL
C. Land surface elevation _____ ft. MSL
D. Surface seal, bottom _____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☒ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☐ No

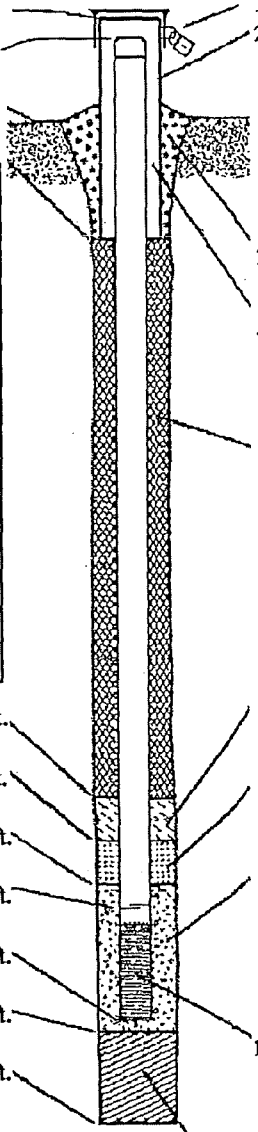
14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐ _____

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe n/a

17. Source of water (attach analysis, if required):
n/a

E. Bentonite seal, top _____ ft. MSL or _____ ft.
F. Fine sand, top _____ ft. MSL or 2 ft.
G. Filter pack, top _____ ft. MSL or 2.5 ft.
H. Screen joint, top _____ ft. MSL or 3.0 ft.
I. Well bottom _____ ft. MSL or 13.0 ft.
J. Filter pack, bottom _____ ft. MSL or 13.7 ft.
K. Borehole, bottom _____ ft. MSL or 13.7 ft.
L. Borehole, diameter 8 in.
M. O.D. well casing 2.33 in.
N. I.D. well casing 2.07 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 / Other ☐ _____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 / Concrete ☒ 01 / Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☐ 30 / Other ☒ Sand
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. Ohio 40/60
b. Volume added _____ ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Ohio #5
b. Volume added _____ ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 / Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Pam Pri	RSV Engineering, Inc.

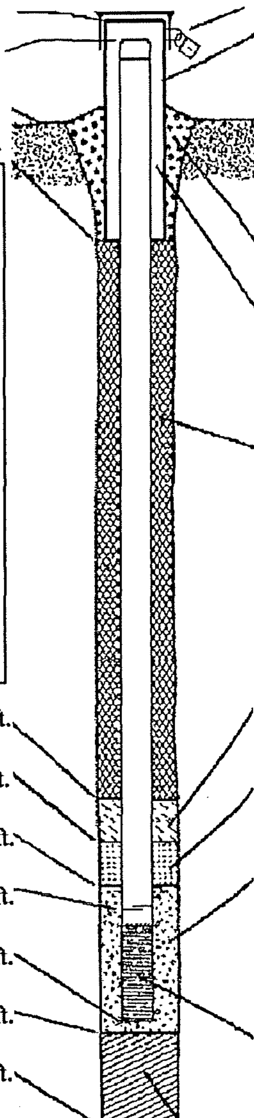
Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ ________

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Klinke Cleaners-Waukesha	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-8
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ° ' " Long. ° ' " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed 10/23/2008 (m m d d y y y y)
Type of Well — Well Code MW/	Section Location of Waste/Source ____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W	Well Installed By: Name (first, last) and Firm: Bob, Badger State Drilling
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☒	Location of Well Relative to Waste/Source: u ☒ Upgradient; s ☐ Sidegradient; d ☐ Downgradient; n ☐ Not Known / Gov. Lot Number	



A. Protective pipe, top elevation ________ ft. MSL

B. Well casing, top elevation 99.83 ft. MSL

C. Land surface elevation ________ ft. MSL

D. Surface seal, bottom ____ ft. MSL or 1 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☒ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☐ No

14. Drilling method used: Rotary ☐ 5 0; Hollow Stem Auger ☒ 4 1; Other ☐

15. Drilling fluid used: Water ☐ 0 2; Air ☐ 0 1; Drilling Mud ☐ 0 3; None ☒ 9 9

16. Drilling additives used? ☐ Yes ☒ No

Describe n/a

17. Source of water (attach analysis, if required): n/a

E. Bentonite seal, top ______ ft. MSL or ______ ft.

F. Fine sand, top ______ ft. MSL or 2 ft.

G. Filter pack, top ______ ft. MSL or 2.5 ft.

H. Screen joint, top ______ ft. MSL or 3.0 ft.

I. Well bottom ______ ft. MSL or 13.0 ft.

J. Filter pack, bottom ______ ft. MSL or 13.5 ft.

K. Borehole, bottom ______ ft. MSL or 13.5 ft.

L. Borehole, diameter 8 in.

M. O.D. well casing 2.33 in.

N. I.D. well casing 2.07 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8 in.
b. Length: 1 ft.
c. Material: Steel ☒ 0 4; Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ________

3. Surface seal: Bentonite ☐ 3 0; Concrete ☒ 0 1; Other ☐

4. Material between well casing and protective pipe: Bentonite ☐ 3 0; Sand — Other ☒

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 3 3
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 3 5
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 3 1
d. ____ % Bentonite . . . . . . Bentonite-cement grout ☐ 5 0
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 0 1; Tremie pumped ☐ 0 2; Gravity ☒ 0 8

6. Bentonite seal: a. Bentonite granules ☐ 3 3
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☐ 3 2
c. ________ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. Ohio 40/60
b. Volume added ________ ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Ohio #5
b. Volume added ________ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 2 3; Flush threaded PVC schedule 80 ☐ 2 4; Other ☐

10. Screen material: PVC
a. Screen type: Factory cut ☒ 1 1; Continuous slot ☐ 0 1; Other ☐
b. Manufacturer ________
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 1 4; Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: RSU Engineering, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Klinke Cleaners-Waukesha	Waukesha	MW-7

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☒ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 90 min.

4. Depth of well (from top of well casisng) 12.6 ft.

5. Inside diameter of well 2.07 in.

6. Volume of water in filter pack and well casing 0.7 gal.

7. Volume of water removed from well 6.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added n/a

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.32 ft.	11.98 ft.
Date	b. 11/03/2008 (m m d d y y y y)	11/03/2008 (m m d d y y y y)
Time	c. 10:00 ☒ a.m. ☐ p.m.	11:30 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	___.__ inches	___.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) brown	Clear ☐ 20 Turbid ☒ 25 (Describe) light brown
Fill in if drilling fluids were used and well is at solid waste facility:		
14. Total suspended solids	_____.__ mg/l	_____.__ mg/l
15. COD	_____.__ mg/l	_____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Paula Last Name: Richardson
Firm: RSV Engineering, Inc

17. Additional comments on development:
Bailed dry several times over 90 minutes

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Richard Last Name: Klinke
Facility/Firm: Klinke Cleaners
Street: 2346 W. St. Paul Ave
City/State/Zip: Waukesha, WI 53704

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Paula Richardson
Print Name: Paula Richardson
Firm: RSV Engineering, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☑ Other ☐ _____

Facility/Project Name	County Name	Well Name
Klinke Cleaners - Waukesha	Waukesha	MW-8

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☐ 41
surged with bailer and pumped	☐ 61
surged with block and bailed	☐ 42
surged with block and pumped	☐ 62
surged with block, bailed and pumped	☐ 70
compressed air	☐ 20
bailed only	☒ 10
pumped only	☐ 51
pumped slowly	☐ 50
Other _____	☐

3. Time spent developing well 90 min.

4. Depth of well (from top of well casisng) 13.0 ft.

5. Inside diameter of well 2.07 in.

6. Volume of water in filter pack and well casing 0.8 gal.

7. Volume of water removed from well 8.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added n/a

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 13.04 ft.	____.__ ft.
Date	b. 11/03/2008 (m m d d y y y y)	11/03/2008 (m m d d y y y y)
Time	c. 10:00 ☒ a.m. ☐ p.m.	11:30 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	__.__ inches	__.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☒ 15 (Describe) brown	Clear ☐ 20 Turbid ☒ 25 (Describe) light brown
14. Total suspended solids	_____.__ mg/l	_____.__ mg/l
15. COD	_____.__ mg/l	_____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility:

16. Well developed by: Name (first, last) and Firm
First Name: Paula Last Name: Richardson
Firm: RSV Engineering, Inc

17. Additional comments on development: Bailed dry several times over 90 minutes

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Richard Last Name: Klinke
Facility/Firm: Klinke Cleaners
Street: 2346 W. St. Paul Ave.
City/State/Zip: Waukesha, WI 53704

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Paula Richardson
Print Name: Paula Richardson
Firm: RSV Engineering, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

ATTACHMENT B

Laboratory Analytical Reports

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1241 Bellevue Street
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November 07, 2008

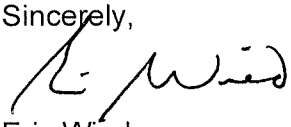
Paula Richardson
RSV ENGINEERING, INC.
146 E. Milwaukee St.
Jefferson, WI 53549

RE: Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Dear Paula Richardson:
Enclosed are the analytical results for sample(s) received by the laboratory on November 05, 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,



Eric Wied

eric.wied@pacelabs.com
Project Manager

Enclosures

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ACCREDITED IN ACCORDANCE WITH nelac

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CERTIFICATIONS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Green Bay Certification IDs
Louisiana Certification #: 04169
Louisiana Certification #: 04168
Kentucky Certification #: 83
Kentucky Certification #: 82
Wisconsin DATCP Certification #: 105-444
Wisconsin DATCP Certification #: 105-444
Wisconsin Certification #: 405132750
Wisconsin Certification #: 405132750
South Carolina Certification #: 83006001
South Carolina Certification #: 83006001
Minnesota Certification #: 055-999-334
Minnesota Certification #: 055-999-334
North Carolina Certification #: 503
North Carolina Certification #: 503
North Dakota Certification #: R-200
North Dakota Certification #: R-150
New York Certification #: 11888
New York Certification #: 11887
Illinois Certification #: 200051
Illinois Certification #: 200050
Florida (NELAP) Certification #: E87951
Florida (NELAP) Certification #: E87948

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SAMPLE SUMMARY

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4011061001	**MW-1**	Water	11/03/08 10:45	11/05/08 09:30
4011061002	**MW-2**	Water	11/03/08 11:40	11/05/08 09:30
4011061003	**MW-3**	Water	11/03/08 14:00	11/05/08 09:30
4011061004	**MW-4B**	Water	11/03/08 11:15	11/05/08 09:30
4011061005	**MW-5**	Water	11/03/08 12:30	11/05/08 09:30
4011061006	**MW-6**	Water	11/03/08 13:00	11/05/08 09:30
4011061007	**MW-7**	Water	11/03/08 09:55	11/05/08 09:30
4011061008	**MW-8**	Water	11/03/08 10:15	11/05/08 09:30
4011061009	**P-3**	Water	11/03/08 12:15	11/05/08 09:30
4011061010	**TRIP BLANK**	Water	11/03/08 00:00	11/05/08 09:30
4011061011	**QC1**	Water	11/03/08 00:00	11/05/08 09:30

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SAMPLE ANALYTE COUNT

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4011061001	MW-1	EPA 8260	SMT	64	PASI-G
4011061002	MW-2	EPA 8260	SMT	64	PASI-G
4011061003	MW-3	EPA 8260	SMT	64	PASI-G
4011061004	MW-4B	EPA 8260	SMT	64	PASI-G
4011061005	MW-5	EPA 8260	SMT	64	PASI-G
4011061006	MW-6	EPA 8260	SMT	64	PASI-G
4011061007	MW-7	EPA 8260	SMT	64	PASI-G
4011061008	MW-8	EPA 8260	SMT	64	PASI-G
4011061009	P-3	EPA 8260	SMT	64	PASI-G
4011061010	TRIP BLANK	EPA 8260	SMT	64	PASI-G
4011061011	QC1	EPA 8260	SMT	64	PASI-G

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-1 **Lab ID: 4011061001** Collected: 11/03/08 10:45 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 18:04	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/06/08 18:04	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:04	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/06/08 18:04	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/06/08 18:04	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/06/08 18:04	74-83-9	L1
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/06/08 18:04	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 18:04	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:04	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/06/08 18:04	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 18:04	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:04	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/06/08 18:04	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/06/08 18:04	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/06/08 18:04	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 18:04	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/06/08 18:04	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/06/08 18:04	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/06/08 18:04	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/06/08 18:04	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 18:04	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/06/08 18:04	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/06/08 18:04	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 18:04	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/06/08 18:04	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/06/08 18:04	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/06/08 18:04	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 18:04	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/06/08 18:04	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/06/08 18:04	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/06/08 18:04	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/06/08 18:04	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/06/08 18:04	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/06/08 18:04	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/06/08 18:04	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/06/08 18:04	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/06/08 18:04	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/06/08 18:04	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/06/08 18:04	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 18:04	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/06/08 18:04	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/06/08 18:04	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 18:04	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/06/08 18:04	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/06/08 18:04	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/06/08 18:04	630-20-6	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-1 **Lab ID: 4011061001** Collected: 11/03/08 10:45 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/06/08 18:04	79-34-5	
Tetrachloroethene	**0.85J**	ug/L	1.0	0.45	1		11/06/08 18:04	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 18:04	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 18:04	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:04	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/06/08 18:04	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/06/08 18:04	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/06/08 18:04	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/06/08 18:04	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 18:04	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:04	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 18:04	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/06/08 18:04	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/06/08 18:04	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 18:04	95-47-6	
4-Bromofluorobenzene (S)	107	%	64-132		1		11/06/08 18:04	460-00-4	
Dibromofluoromethane (S)	102	%	68-122		1		11/06/08 18:04	1868-53-7	pH
Toluene-d8 (S)	109	%	73-127		1		11/06/08 18:04	2037-26-5	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-2 **Lab ID: 4011061002** Collected: 11/03/08 11:40 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 18:27	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/06/08 18:27	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:27	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/06/08 18:27	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/06/08 18:27	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/06/08 18:27	74-83-9	L1
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/06/08 18:27	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 18:27	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:27	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/06/08 18:27	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 18:27	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:27	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/06/08 18:27	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/06/08 18:27	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/06/08 18:27	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 18:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/06/08 18:27	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/06/08 18:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/06/08 18:27	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/06/08 18:27	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 18:27	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/06/08 18:27	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/06/08 18:27	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 18:27	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/06/08 18:27	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/06/08 18:27	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/06/08 18:27	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 18:27	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/06/08 18:27	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/06/08 18:27	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/06/08 18:27	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/06/08 18:27	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/06/08 18:27	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/06/08 18:27	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/06/08 18:27	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/06/08 18:27	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/06/08 18:27	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/06/08 18:27	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/06/08 18:27	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 18:27	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/06/08 18:27	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/06/08 18:27	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 18:27	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/06/08 18:27	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/06/08 18:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/06/08 18:27	630-20-6	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-2 **Lab ID: 4011061002** Collected: 11/03/08 11:40 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/06/08 18:27	79-34-5	
Tetrachloroethene	**0.51J**	ug/L	1.0	0.45	1		11/06/08 18:27	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 18:27	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 18:27	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:27	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/06/08 18:27	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/06/08 18:27	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/06/08 18:27	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/06/08 18:27	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 18:27	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 18:27	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/06/08 18:27	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/06/08 18:27	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 18:27	95-47-6	
4-Bromofluorobenzene (S)	105	%	64-132		1		11/06/08 18:27	460-00-4	
Dibromofluoromethane (S)	102	%	68-122		1		11/06/08 18:27	1868-53-7	
Toluene-d8 (S)	108	%	73-127		1		11/06/08 18:27	2037-26-5	

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(920)469-2436

ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-3 **Lab ID: 4011061003** Collected: 11/03/08 14:00 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 18:51	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/06/08 18:51	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:51	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/06/08 18:51	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/06/08 18:51	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/06/08 18:51	74-83-9	L1
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/06/08 18:51	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 18:51	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:51	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/06/08 18:51	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 18:51	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:51	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/06/08 18:51	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/06/08 18:51	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/06/08 18:51	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 18:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/06/08 18:51	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/06/08 18:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/06/08 18:51	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/06/08 18:51	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 18:51	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/06/08 18:51	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/06/08 18:51	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 18:51	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/06/08 18:51	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/06/08 18:51	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/06/08 18:51	75-35-4	
cis-1,2-Dichloroethene	**12.7**	ug/L	1.0	0.83	1		11/06/08 18:51	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/06/08 18:51	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/06/08 18:51	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/06/08 18:51	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/06/08 18:51	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/06/08 18:51	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/06/08 18:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/06/08 18:51	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/06/08 18:51	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/06/08 18:51	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/06/08 18:51	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/06/08 18:51	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 18:51	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/06/08 18:51	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/06/08 18:51	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 18:51	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/06/08 18:51	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/06/08 18:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/06/08 18:51	630-20-6	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-3 **Lab ID: 4011061003** Collected: 11/03/08 14:00 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/06/08 18:51	79-34-5	
Tetrachloroethene	**81.4**	ug/L	1.0	0.45	1		11/06/08 18:51	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 18:51	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 18:51	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:51	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/06/08 18:51	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/06/08 18:51	79-00-5	
Trichloroethene	**1.2**	ug/L	1.0	0.48	1		11/06/08 18:51	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/06/08 18:51	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 18:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 18:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 18:51	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/06/08 18:51	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/06/08 18:51	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 18:51	95-47-6	
4-Bromofluorobenzene (S)	107	%	64-132		1		11/06/08 18:51	460-00-4	
Dibromofluoromethane (S)	108	%	68-122		1		11/06/08 18:51	1868-53-7	
Toluene-d8 (S)	109	%	73-127		1		11/06/08 18:51	2037-26-5	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-4B **Lab ID: 4011061004** Collected: 11/03/08 11:15 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 19:15	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/06/08 19:15	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 19:15	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/06/08 19:15	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/06/08 19:15	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/06/08 19:15	74-83-9	L1
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/06/08 19:15	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 19:15	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 19:15	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/06/08 19:15	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 19:15	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 19:15	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/06/08 19:15	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/06/08 19:15	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/06/08 19:15	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 19:15	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/06/08 19:15	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/06/08 19:15	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/06/08 19:15	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/06/08 19:15	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 19:15	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/06/08 19:15	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/06/08 19:15	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 19:15	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/06/08 19:15	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/06/08 19:15	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/06/08 19:15	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 19:15	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/06/08 19:15	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/06/08 19:15	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/06/08 19:15	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/06/08 19:15	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/06/08 19:15	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/06/08 19:15	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/06/08 19:15	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/06/08 19:15	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/06/08 19:15	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/06/08 19:15	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/06/08 19:15	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 19:15	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/06/08 19:15	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/06/08 19:15	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 19:15	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/06/08 19:15	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/06/08 19:15	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/06/08 19:15	630-20-6	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-4B **Lab ID: 4011061004** Collected: 11/03/08 11:15 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/06/08 19:15	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/06/08 19:15	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 19:15	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 19:15	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 19:15	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/06/08 19:15	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/06/08 19:15	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/06/08 19:15	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/06/08 19:15	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 19:15	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 19:15	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 19:15	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/06/08 19:15	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/06/08 19:15	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 19:15	95-47-6	
4-Bromofluorobenzene (S)	107	%	64-132		1		11/06/08 19:15	460-00-4	
Dibromofluoromethane (S)	110	%	68-122		1		11/06/08 19:15	1868-53-7	pH
Toluene-d8 (S)	108	%	73-127		1		11/06/08 19:15	2037-26-5	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-5 **Lab ID: 4011061005** Collected: 11/03/08 12:30 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<82.0**	ug/L	200	82.0	200		11/06/08 21:38	71-43-2	
Bromobenzene	**<164**	ug/L	200	164	200		11/06/08 21:38	108-86-1	
Bromochloromethane	**<194**	ug/L	200	194	200		11/06/08 21:38	74-97-5	
Bromodichloromethane	**<112**	ug/L	200	112	200		11/06/08 21:38	75-27-4	
Bromoform	**<188**	ug/L	200	188	200		11/06/08 21:38	75-25-2	
Bromomethane	**<182**	ug/L	200	182	200		11/06/08 21:38	74-83-9	L1
n-Butylbenzene	**<186**	ug/L	200	186	200		11/06/08 21:38	104-51-8	
sec-Butylbenzene	**<178**	ug/L	1000	178	200		11/06/08 21:38	135-98-8	
tert-Butylbenzene	**<194**	ug/L	200	194	200		11/06/08 21:38	98-06-6	
Carbon tetrachloride	**<98.0**	ug/L	200	98.0	200		11/06/08 21:38	56-23-5	
Chlorobenzene	**<82.0**	ug/L	200	82.0	200		11/06/08 21:38	108-90-7	
Chloroethane	**<194**	ug/L	200	194	200		11/06/08 21:38	75-00-3	
Chloroform	**<260**	ug/L	1000	260	200		11/06/08 21:38	67-66-3	
Chloromethane	**<48.0**	ug/L	200	48.0	200		11/06/08 21:38	74-87-3	
2-Chlorotoluene	**<170**	ug/L	200	170	200		11/06/08 21:38	95-49-8	
4-Chlorotoluene	**<148**	ug/L	200	148	200		11/06/08 21:38	106-43-4	
1,2-Dibromo-3-chloropropane	**<336**	ug/L	1000	336	200		11/06/08 21:38	96-12-8	
Dibromochloromethane	**<162**	ug/L	200	162	200		11/06/08 21:38	124-48-1	
1,2-Dibromoethane (EDB)	**<112**	ug/L	200	112	200		11/06/08 21:38	106-93-4	
Dibromomethane	**<120**	ug/L	200	120	200		11/06/08 21:38	74-95-3	
1,2-Dichlorobenzene	**<166**	ug/L	200	166	200		11/06/08 21:38	95-50-1	
1,3-Dichlorobenzene	**<174**	ug/L	200	174	200		11/06/08 21:38	541-73-1	
1,4-Dichlorobenzene	**<190**	ug/L	200	190	200		11/06/08 21:38	106-46-7	
Dichlorodifluoromethane	**<198**	ug/L	200	198	200		11/06/08 21:38	75-71-8	
1,1-Dichloroethane	**<150**	ug/L	200	150	200		11/06/08 21:38	75-34-3	
1,2-Dichloroethane	**<72.0**	ug/L	200	72.0	200		11/06/08 21:38	107-06-2	
1,1-Dichloroethene	**<114**	ug/L	200	114	200		11/06/08 21:38	75-35-4	
cis-1,2-Dichloroethene	**<166**	ug/L	200	166	200		11/06/08 21:38	156-59-2	
trans-1,2-Dichloroethene	**<178**	ug/L	200	178	200		11/06/08 21:38	156-60-5	
1,2-Dichloropropane	**<98.0**	ug/L	200	98.0	200		11/06/08 21:38	78-87-5	
1,3-Dichloropropane	**<122**	ug/L	200	122	200		11/06/08 21:38	142-28-9	
2,2-Dichloropropane	**<124**	ug/L	200	124	200		11/06/08 21:38	594-20-7	
1,1-Dichloropropene	**<150**	ug/L	200	150	200		11/06/08 21:38	563-58-6	
cis-1,3-Dichloropropene	**<40.0**	ug/L	200	40.0	200		11/06/08 21:38	10061-01-5	
trans-1,3-Dichloropropene	**<38.0**	ug/L	200	38.0	200		11/06/08 21:38	10061-02-6	
Diisopropyl ether	**<152**	ug/L	200	152	200		11/06/08 21:38	108-20-3	
Ethylbenzene	**<108**	ug/L	200	108	200		11/06/08 21:38	100-41-4	
Hexachloro-1,3-butadiene	**<134**	ug/L	1000	134	200		11/06/08 21:38	87-68-3	
Isopropylbenzene (Cumene)	**<118**	ug/L	200	118	200		11/06/08 21:38	98-82-8	
p-Isopropyltoluene	**<134**	ug/L	200	134	200		11/06/08 21:38	99-87-6	
Methylene Chloride	**339**	ug/L	200	86.0	200		11/06/08 21:38	75-09-2	Z3
Methyl-tert-butyl ether	**<122**	ug/L	200	122	200		11/06/08 21:38	1634-04-4	
Naphthalene	**<178**	ug/L	1000	178	200		11/06/08 21:38	91-20-3	
n-Propylbenzene	**<162**	ug/L	200	162	200		11/06/08 21:38	103-65-1	
Styrene	**<172**	ug/L	200	172	200		11/06/08 21:38	100-42-5	
1,1,1,2-Tetrachloroethane	**<184**	ug/L	200	184	200		11/06/08 21:38	630-20-6	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-5 **Lab ID: 4011061005** Collected: 11/03/08 12:30 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<40.0**	ug/L	200	40.0	200		11/06/08 21:38	79-34-5	
Tetrachloroethene	**55600**	ug/L	200	90.0	200		11/06/08 21:38	127-18-4	
Toluene	**<134**	ug/L	200	134	200		11/06/08 21:38	108-88-3	
1,2,3-Trichlorobenzene	**<148**	ug/L	200	148	200		11/06/08 21:38	87-61-6	
1,2,4-Trichlorobenzene	**<194**	ug/L	200	194	200		11/06/08 21:38	120-82-1	
1,1,1-Trichloroethane	**<180**	ug/L	200	180	200		11/06/08 21:38	71-55-6	
1,1,2-Trichloroethane	**<84.0**	ug/L	200	84.0	200		11/06/08 21:38	79-00-5	
Trichloroethene	**<96.0**	ug/L	200	96.0	200		11/06/08 21:38	79-01-6	
Trichlorofluoromethane	**<158**	ug/L	200	158	200		11/06/08 21:38	75-69-4	
1,2,3-Trichloropropane	**<198**	ug/L	200	198	200		11/06/08 21:38	96-18-4	
1,2,4-Trimethylbenzene	**<194**	ug/L	200	194	200		11/06/08 21:38	95-63-6	
1,3,5-Trimethylbenzene	**<166**	ug/L	200	166	200		11/06/08 21:38	108-67-8	
Vinyl chloride	**<36.0**	ug/L	200	36.0	200		11/06/08 21:38	75-01-4	
m&p-Xylene	**<360**	ug/L	400	360	200		11/06/08 21:38	1330-20-7	
o-Xylene	**<166**	ug/L	200	166	200		11/06/08 21:38	95-47-6	
4-Bromofluorobenzene (S)	104	%	64-132		200		11/06/08 21:38	460-00-4	
Dibromofluoromethane (S)	113	%	68-122		200		11/06/08 21:38	1868-53-7	
Toluene-d8 (S)	109	%	73-127		200		11/06/08 21:38	2037-26-5	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-6 **Lab ID: 4011061006** Collected: 11/03/08 13:00 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 19:39	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/06/08 19:39	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 19:39	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/06/08 19:39	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/06/08 19:39	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/06/08 19:39	74-83-9	L1
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/06/08 19:39	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 19:39	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 19:39	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/06/08 19:39	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 19:39	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 19:39	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/06/08 19:39	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/06/08 19:39	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/06/08 19:39	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 19:39	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/06/08 19:39	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/06/08 19:39	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/06/08 19:39	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/06/08 19:39	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 19:39	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/06/08 19:39	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/06/08 19:39	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 19:39	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/06/08 19:39	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/06/08 19:39	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/06/08 19:39	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 19:39	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/06/08 19:39	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/06/08 19:39	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/06/08 19:39	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/06/08 19:39	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/06/08 19:39	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/06/08 19:39	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/06/08 19:39	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/06/08 19:39	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/06/08 19:39	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/06/08 19:39	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/06/08 19:39	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 19:39	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/06/08 19:39	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/06/08 19:39	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 19:39	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/06/08 19:39	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/06/08 19:39	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/06/08 19:39	630-20-6	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-6 **Lab ID: 4011061006** Collected: 11/03/08 13:00 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/06/08 19:39	79-34-5	
Tetrachloroethene	**18.8**	ug/L	1.0	0.45	1		11/06/08 19:39	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 19:39	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 19:39	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 19:39	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/06/08 19:39	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/06/08 19:39	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/06/08 19:39	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/06/08 19:39	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 19:39	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 19:39	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 19:39	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/06/08 19:39	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/06/08 19:39	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 19:39	95-47-6	
4-Bromofluorobenzene (S)	104	%	64-132		1		11/06/08 19:39	460-00-4	
Dibromofluoromethane (S)	111	%	68-122		1		11/06/08 19:39	1868-53-7	
Toluene-d8 (S)	107	%	73-127		1		11/06/08 19:39	2037-26-5	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-7 **Lab ID: 4011061007** Collected: 11/03/08 09:55 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 20:03	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/06/08 20:03	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:03	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/06/08 20:03	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/06/08 20:03	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/06/08 20:03	74-83-9	L1
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/06/08 20:03	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 20:03	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:03	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/06/08 20:03	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 20:03	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:03	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/06/08 20:03	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/06/08 20:03	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/06/08 20:03	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 20:03	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/06/08 20:03	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/06/08 20:03	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/06/08 20:03	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/06/08 20:03	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:03	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/06/08 20:03	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/06/08 20:03	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 20:03	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/06/08 20:03	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/06/08 20:03	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/06/08 20:03	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:03	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/06/08 20:03	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/06/08 20:03	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/06/08 20:03	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/06/08 20:03	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/06/08 20:03	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/06/08 20:03	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/06/08 20:03	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/06/08 20:03	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/06/08 20:03	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/06/08 20:03	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/06/08 20:03	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 20:03	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/06/08 20:03	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/06/08 20:03	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 20:03	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/06/08 20:03	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/06/08 20:03	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/06/08 20:03	630-20-6	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-7 **Lab ID: 4011061007** Collected: 11/03/08 09:55 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/06/08 20:03	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/06/08 20:03	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 20:03	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 20:03	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:03	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/06/08 20:03	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/06/08 20:03	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/06/08 20:03	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/06/08 20:03	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 20:03	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:03	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:03	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/06/08 20:03	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/06/08 20:03	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:03	95-47-6	
4-Bromofluorobenzene (S)	107	%	64-132		1		11/06/08 20:03	460-00-4	
Dibromofluoromethane (S)	111	%	68-122		1		11/06/08 20:03	1868-53-7	
Toluene-d8 (S)	110	%	73-127		1		11/06/08 20:03	2037-26-5	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-8 **Lab ID: 4011061008** Collected: 11/03/08 10:15 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 20:27	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/06/08 20:27	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:27	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/06/08 20:27	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/06/08 20:27	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/06/08 20:27	74-83-9	L1
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/06/08 20:27	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 20:27	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:27	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/06/08 20:27	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 20:27	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:27	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/06/08 20:27	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/06/08 20:27	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/06/08 20:27	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 20:27	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/06/08 20:27	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/06/08 20:27	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/06/08 20:27	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/06/08 20:27	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:27	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/06/08 20:27	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/06/08 20:27	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 20:27	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/06/08 20:27	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/06/08 20:27	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/06/08 20:27	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:27	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/06/08 20:27	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/06/08 20:27	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/06/08 20:27	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/06/08 20:27	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/06/08 20:27	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/06/08 20:27	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/06/08 20:27	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/06/08 20:27	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/06/08 20:27	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/06/08 20:27	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/06/08 20:27	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 20:27	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/06/08 20:27	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/06/08 20:27	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 20:27	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/06/08 20:27	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/06/08 20:27	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/06/08 20:27	630-20-6	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: MW-8 **Lab ID: 4011061008** Collected: 11/03/08 10:15 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/06/08 20:27	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/06/08 20:27	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 20:27	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 20:27	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:27	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/06/08 20:27	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/06/08 20:27	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/06/08 20:27	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/06/08 20:27	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 20:27	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:27	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:27	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/06/08 20:27	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/06/08 20:27	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:27	95-47-6	
4-Bromofluorobenzene (S)	102	%	64-132		1		11/06/08 20:27	460-00-4	
Dibromofluoromethane (S)	106	%	68-122		1		11/06/08 20:27	1868-53-7	
Toluene-d8 (S)	107	%	73-127		1		11/06/08 20:27	2037-26-5	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: P-3 **Lab ID: 4011061009** Collected: 11/03/08 12:15 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 20:51	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/06/08 20:51	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:51	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/06/08 20:51	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/06/08 20:51	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/06/08 20:51	74-83-9	L1
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/06/08 20:51	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 20:51	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:51	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/06/08 20:51	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 20:51	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:51	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/06/08 20:51	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/06/08 20:51	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/06/08 20:51	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 20:51	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/06/08 20:51	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/06/08 20:51	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/06/08 20:51	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/06/08 20:51	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:51	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/06/08 20:51	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/06/08 20:51	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 20:51	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/06/08 20:51	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/06/08 20:51	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/06/08 20:51	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:51	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/06/08 20:51	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/06/08 20:51	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/06/08 20:51	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/06/08 20:51	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/06/08 20:51	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/06/08 20:51	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/06/08 20:51	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/06/08 20:51	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/06/08 20:51	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/06/08 20:51	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/06/08 20:51	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 20:51	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/06/08 20:51	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/06/08 20:51	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 20:51	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/06/08 20:51	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/06/08 20:51	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/06/08 20:51	630-20-6	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: P-3 **Lab ID: 4011061009** Collected: 11/03/08 12:15 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/06/08 20:51	79-34-5	
Tetrachloroethene	**4.8**	ug/L	1.0	0.45	1		11/06/08 20:51	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 20:51	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 20:51	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:51	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/06/08 20:51	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/06/08 20:51	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/06/08 20:51	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/06/08 20:51	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 20:51	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 20:51	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:51	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/06/08 20:51	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/06/08 20:51	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 20:51	95-47-6	
4-Bromofluorobenzene (S)	105	%	64-132		1		11/06/08 20:51	460-00-4	
Dibromofluoromethane (S)	108	%	68-122		1		11/06/08 20:51	1868-53-7	
Toluene-d8 (S)	106	%	73-127		1		11/06/08 20:51	2037-26-5	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: TRIP BLANK **Lab ID: 4011061010** Collected: 11/03/08 00:00 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 13:41	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/06/08 13:41	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 13:41	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/06/08 13:41	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/06/08 13:41	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/06/08 13:41	74-83-9	L1
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/06/08 13:41	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 13:41	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 13:41	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/06/08 13:41	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 13:41	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 13:41	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/06/08 13:41	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/06/08 13:41	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/06/08 13:41	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 13:41	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/06/08 13:41	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/06/08 13:41	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/06/08 13:41	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/06/08 13:41	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 13:41	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/06/08 13:41	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/06/08 13:41	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 13:41	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/06/08 13:41	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/06/08 13:41	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/06/08 13:41	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 13:41	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/06/08 13:41	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/06/08 13:41	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/06/08 13:41	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/06/08 13:41	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/06/08 13:41	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/06/08 13:41	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/06/08 13:41	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/06/08 13:41	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/06/08 13:41	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/06/08 13:41	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/06/08 13:41	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 13:41	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/06/08 13:41	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/06/08 13:41	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 13:41	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/06/08 13:41	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/06/08 13:41	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/06/08 13:41	630-20-6	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: TRIP BLANK **Lab ID: 4011061010** Collected: 11/03/08 00:00 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/06/08 13:41	79-34-5	
Tetrachloroethene	**<0.45**	ug/L	1.0	0.45	1		11/06/08 13:41	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 13:41	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 13:41	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 13:41	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/06/08 13:41	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/06/08 13:41	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/06/08 13:41	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/06/08 13:41	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 13:41	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 13:41	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 13:41	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/06/08 13:41	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/06/08 13:41	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 13:41	95-47-6	
4-Bromofluorobenzene (S)	102	%	64-132		1		11/06/08 13:41	460-00-4	
Dibromofluoromethane (S)	96	%	68-122		1		11/06/08 13:41	1868-53-7	
Toluene-d8 (S)	106	%	73-127		1		11/06/08 13:41	2037-26-5	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: QC1 **Lab ID: 4011061011** Collected: 11/03/08 00:00 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
Benzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 21:14	71-43-2	
Bromobenzene	**<0.82**	ug/L	1.0	0.82	1		11/06/08 21:14	108-86-1	
Bromochloromethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 21:14	74-97-5	
Bromodichloromethane	**<0.56**	ug/L	1.0	0.56	1		11/06/08 21:14	75-27-4	
Bromoform	**<0.94**	ug/L	1.0	0.94	1		11/06/08 21:14	75-25-2	
Bromomethane	**<0.91**	ug/L	1.0	0.91	1		11/06/08 21:14	74-83-9	L1
n-Butylbenzene	**<0.93**	ug/L	1.0	0.93	1		11/06/08 21:14	104-51-8	
sec-Butylbenzene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 21:14	135-98-8	
tert-Butylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 21:14	98-06-6	
Carbon tetrachloride	**<0.49**	ug/L	1.0	0.49	1		11/06/08 21:14	56-23-5	
Chlorobenzene	**<0.41**	ug/L	1.0	0.41	1		11/06/08 21:14	108-90-7	
Chloroethane	**<0.97**	ug/L	1.0	0.97	1		11/06/08 21:14	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		11/06/08 21:14	67-66-3	
Chloromethane	**<0.24**	ug/L	1.0	0.24	1		11/06/08 21:14	74-87-3	
2-Chlorotoluene	**<0.85**	ug/L	1.0	0.85	1		11/06/08 21:14	95-49-8	
4-Chlorotoluene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 21:14	106-43-4	
1,2-Dibromo-3-chloropropane	**<1.7**	ug/L	5.0	1.7	1		11/06/08 21:14	96-12-8	
Dibromochloromethane	**<0.81**	ug/L	1.0	0.81	1		11/06/08 21:14	124-48-1	
1,2-Dibromoethane (EDB)	**<0.56**	ug/L	1.0	0.56	1		11/06/08 21:14	106-93-4	
Dibromomethane	**<0.60**	ug/L	1.0	0.60	1		11/06/08 21:14	74-95-3	
1,2-Dichlorobenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 21:14	95-50-1	
1,3-Dichlorobenzene	**<0.87**	ug/L	1.0	0.87	1		11/06/08 21:14	541-73-1	
1,4-Dichlorobenzene	**<0.95**	ug/L	1.0	0.95	1		11/06/08 21:14	106-46-7	
Dichlorodifluoromethane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 21:14	75-71-8	
1,1-Dichloroethane	**<0.75**	ug/L	1.0	0.75	1		11/06/08 21:14	75-34-3	
1,2-Dichloroethane	**<0.36**	ug/L	1.0	0.36	1		11/06/08 21:14	107-06-2	
1,1-Dichloroethene	**<0.57**	ug/L	1.0	0.57	1		11/06/08 21:14	75-35-4	
cis-1,2-Dichloroethene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 21:14	156-59-2	
trans-1,2-Dichloroethene	**<0.89**	ug/L	1.0	0.89	1		11/06/08 21:14	156-60-5	
1,2-Dichloropropane	**<0.49**	ug/L	1.0	0.49	1		11/06/08 21:14	78-87-5	
1,3-Dichloropropane	**<0.61**	ug/L	1.0	0.61	1		11/06/08 21:14	142-28-9	
2,2-Dichloropropane	**<0.62**	ug/L	1.0	0.62	1		11/06/08 21:14	594-20-7	
1,1-Dichloropropene	**<0.75**	ug/L	1.0	0.75	1		11/06/08 21:14	563-58-6	
cis-1,3-Dichloropropene	**<0.20**	ug/L	1.0	0.20	1		11/06/08 21:14	10061-01-5	
trans-1,3-Dichloropropene	**<0.19**	ug/L	1.0	0.19	1		11/06/08 21:14	10061-02-6	
Diisopropyl ether	**<0.76**	ug/L	1.0	0.76	1		11/06/08 21:14	108-20-3	
Ethylbenzene	**<0.54**	ug/L	1.0	0.54	1		11/06/08 21:14	100-41-4	
Hexachloro-1,3-butadiene	**<0.67**	ug/L	5.0	0.67	1		11/06/08 21:14	87-68-3	
Isopropylbenzene (Cumene)	**<0.59**	ug/L	1.0	0.59	1		11/06/08 21:14	98-82-8	
p-Isopropyltoluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 21:14	99-87-6	
Methylene Chloride	**<0.43**	ug/L	1.0	0.43	1		11/06/08 21:14	75-09-2	
Methyl-tert-butyl ether	**<0.61**	ug/L	1.0	0.61	1		11/06/08 21:14	1634-04-4	
Naphthalene	**<0.89**	ug/L	5.0	0.89	1		11/06/08 21:14	91-20-3	
n-Propylbenzene	**<0.81**	ug/L	1.0	0.81	1		11/06/08 21:14	103-65-1	
Styrene	**<0.86**	ug/L	1.0	0.86	1		11/06/08 21:14	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.92**	ug/L	1.0	0.92	1		11/06/08 21:14	630-20-6	

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ANALYTICAL RESULTS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Sample: QC1 **Lab ID: 4011061011** Collected: 11/03/08 00:00 Received: 11/05/08 09:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
1,1,2,2-Tetrachloroethane	**<0.20**	ug/L	1.0	0.20	1		11/06/08 21:14	79-34-5	
Tetrachloroethene	**0.94J**	ug/L	1.0	0.45	1		11/06/08 21:14	127-18-4	
Toluene	**<0.67**	ug/L	1.0	0.67	1		11/06/08 21:14	108-88-3	
1,2,3-Trichlorobenzene	**<0.74**	ug/L	1.0	0.74	1		11/06/08 21:14	87-61-6	
1,2,4-Trichlorobenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 21:14	120-82-1	
1,1,1-Trichloroethane	**<0.90**	ug/L	1.0	0.90	1		11/06/08 21:14	71-55-6	
1,1,2-Trichloroethane	**<0.42**	ug/L	1.0	0.42	1		11/06/08 21:14	79-00-5	
Trichloroethene	**<0.48**	ug/L	1.0	0.48	1		11/06/08 21:14	79-01-6	
Trichlorofluoromethane	**<0.79**	ug/L	1.0	0.79	1		11/06/08 21:14	75-69-4	
1,2,3-Trichloropropane	**<0.99**	ug/L	1.0	0.99	1		11/06/08 21:14	96-18-4	
1,2,4-Trimethylbenzene	**<0.97**	ug/L	1.0	0.97	1		11/06/08 21:14	95-63-6	
1,3,5-Trimethylbenzene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 21:14	108-67-8	
Vinyl chloride	**<0.18**	ug/L	1.0	0.18	1		11/06/08 21:14	75-01-4	
m&p-Xylene	**<1.8**	ug/L	2.0	1.8	1		11/06/08 21:14	1330-20-7	
o-Xylene	**<0.83**	ug/L	1.0	0.83	1		11/06/08 21:14	95-47-6	
4-Bromofluorobenzene (S)	104	%	64-132		1		11/06/08 21:14	460-00-4	
Dibromofluoromethane (S)	112	%	68-122		1		11/06/08 21:14	1868-53-7	pH
Toluene-d8 (S)	109	%	73-127		1		11/06/08 21:14	2037-26-5	

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QUALITY CONTROL DATA

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

QC Batch: MSV/3096 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV
Associated Lab Samples: 4011061001, 4011061002, 4011061003, 4011061004, 4011061005, 4011061006, 4011061007, 4011061008, 4011061009, 4011061010, 4011061011

METHOD BLANK: 98098 Matrix: Water
Associated Lab Samples: 4011061001, 4011061002, 4011061003, 4011061004, 4011061005, 4011061006, 4011061007, 4011061008, 4011061009, 4011061010, 4011061011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.92	1.0	11/06/08 07:57	
1,1,1-Trichloroethane	ug/L	<0.90	1.0	11/06/08 07:57	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	1.0	11/06/08 07:57	
1,1,2-Trichloroethane	ug/L	<0.42	1.0	11/06/08 07:57	
1,1-Dichloroethane	ug/L	<0.75	1.0	11/06/08 07:57	
1,1-Dichloroethene	ug/L	<0.57	1.0	11/06/08 07:57	
1,1-Dichloropropene	ug/L	<0.75	1.0	11/06/08 07:57	
1,2,3-Trichlorobenzene	ug/L	<0.74	1.0	11/06/08 07:57	
1,2,3-Trichloropropane	ug/L	<0.99	1.0	11/06/08 07:57	
1,2,4-Trichlorobenzene	ug/L	<0.97	1.0	11/06/08 07:57	
1,2,4-Trimethylbenzene	ug/L	<0.97	1.0	11/06/08 07:57	
1,2-Dibromo-3-chloropropane	ug/L	<1.7	5.0	11/06/08 07:57	
1,2-Dibromoethane (EDB)	ug/L	<0.56	1.0	11/06/08 07:57	
1,2-Dichlorobenzene	ug/L	<0.83	1.0	11/06/08 07:57	
1,2-Dichloroethane	ug/L	<0.36	1.0	11/06/08 07:57	
1,2-Dichloropropane	ug/L	<0.49	1.0	11/06/08 07:57	
1,3,5-Trimethylbenzene	ug/L	<0.83	1.0	11/06/08 07:57	
1,3-Dichlorobenzene	ug/L	<0.87	1.0	11/06/08 07:57	
1,3-Dichloropropane	ug/L	<0.61	1.0	11/06/08 07:57	
1,4-Dichlorobenzene	ug/L	<0.95	1.0	11/06/08 07:57	
2,2-Dichloropropane	ug/L	<0.62	1.0	11/06/08 07:57	
2-Chlorotoluene	ug/L	<0.85	1.0	11/06/08 07:57	
4-Chlorotoluene	ug/L	<0.74	1.0	11/06/08 07:57	
Benzene	ug/L	<0.41	1.0	11/06/08 07:57	
Bromobenzene	ug/L	<0.82	1.0	11/06/08 07:57	
Bromochloromethane	ug/L	<0.97	1.0	11/06/08 07:57	
Bromodichloromethane	ug/L	<0.56	1.0	11/06/08 07:57	
Bromoform	ug/L	<0.94	1.0	11/06/08 07:57	
Bromomethane	ug/L	<0.91	1.0	11/06/08 07:57	
Carbon tetrachloride	ug/L	<0.49	1.0	11/06/08 07:57	
Chlorobenzene	ug/L	<0.41	1.0	11/06/08 07:57	
Chloroethane	ug/L	<0.97	1.0	11/06/08 07:57	
Chloroform	ug/L	<1.3	5.0	11/06/08 07:57	
Chloromethane	ug/L	<0.24	1.0	11/06/08 07:57	
cis-1,2-Dichloroethene	ug/L	<0.83	1.0	11/06/08 07:57	
cis-1,3-Dichloropropene	ug/L	<0.20	1.0	11/06/08 07:57	
Dibromochloromethane	ug/L	<0.81	1.0	11/06/08 07:57	
Dibromomethane	ug/L	<0.60	1.0	11/06/08 07:57	
Dichlorodifluoromethane	ug/L	<0.99	1.0	11/06/08 07:57	
Diisopropyl ether	ug/L	<0.76	1.0	11/06/08 07:57	
Ethylbenzene	ug/L	<0.54	1.0	11/06/08 07:57	

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QUALITY CONTROL DATA

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

METHOD BLANK: 98098 Matrix: Water

Associated Lab Samples: 4011061001, 4011061002, 4011061003, 4011061004, 4011061005, 4011061006, 4011061007, 4011061008, 4011061009, 4011061010, 4011061011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	<0.67	5.0	11/06/08 07:57	
Isopropylbenzene (Cumene)	ug/L	<0.59	1.0	11/06/08 07:57	
m&p-Xylene	ug/L	<1.8	2.0	11/06/08 07:57	
Methyl-tert-butyl ether	ug/L	<0.61	1.0	11/06/08 07:57	
Methylene Chloride	ug/L	<0.43	1.0	11/06/08 07:57	
n-Butylbenzene	ug/L	<0.93	1.0	11/06/08 07:57	
n-Propylbenzene	ug/L	<0.81	1.0	11/06/08 07:57	
Naphthalene	ug/L	<0.89	5.0	11/06/08 07:57	
o-Xylene	ug/L	<0.83	1.0	11/06/08 07:57	
p-Isopropyltoluene	ug/L	<0.67	1.0	11/06/08 07:57	
sec-Butylbenzene	ug/L	<0.89	5.0	11/06/08 07:57	
Styrene	ug/L	<0.86	1.0	11/06/08 07:57	
tert-Butylbenzene	ug/L	<0.97	1.0	11/06/08 07:57	
Tetrachloroethene	ug/L	<0.45	1.0	11/06/08 07:57	
Toluene	ug/L	<0.67	1.0	11/06/08 07:57	
trans-1,2-Dichloroethene	ug/L	<0.89	1.0	11/06/08 07:57	
trans-1,3-Dichloropropene	ug/L	<0.19	1.0	11/06/08 07:57	
Trichloroethene	ug/L	<0.48	1.0	11/06/08 07:57	
Trichlorofluoromethane	ug/L	<0.79	1.0	11/06/08 07:57	
Vinyl chloride	ug/L	<0.18	1.0	11/06/08 07:57	
4-Bromofluorobenzene (S)	%	104	64-132	11/06/08 07:57	
Dibromofluoromethane (S)	%	105	68-122	11/06/08 07:57	
Toluene-d8 (S)	%	109	73-127	11/06/08 07:57	

LABORATORY CONTROL SAMPLE & LCSD: 98099 98100

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	52.8	57.4	106	115	75-128	8	20	
1,1,2,2-Tetrachloroethane	ug/L	50	55.7	56.1	111	112	67-125	.7	20	
1,1,2-Trichloroethane	ug/L	50	54.1	52.0	108	104	75-125	4	20	
1,1-Dichloroethane	ug/L	50	48.5	53.0	97	106	71-130	9	20	
1,1-Dichloroethene	ug/L	50	53.2	56.1	106	112	75-125	5	20	
1,2-Dichloroethane	ug/L	50	50.6	54.7	101	109	71-132	8	20	
1,2-Dichloropropane	ug/L	50	54.5	56.3	109	113	73-125	3	20	
Benzene	ug/L	50	56.9	56.3	114	113	75-125	1	20	
Bromodichloromethane	ug/L	50	50.3	52.3	101	105	75-125	4	20	
Bromoform	ug/L	50	50.7	47.7	101	95	75-125	6	20	
Bromomethane	ug/L	50	66.5	69.0	133	138	66-125	4	20	L0
Carbon tetrachloride	ug/L	50	54.0	56.4	108	113	75-125	4	20	
Chlorobenzene	ug/L	50	53.6	54.1	107	108	75-125	.9	20	
Chloroethane	ug/L	50	59.3	61.1	119	122	72-126	3	20	
Chloroform	ug/L	50	46.6	48.8	93	98	75-125	5	20	
Chloromethane	ug/L	50	63.9	61.0	128	122	46-143	5	20	
cis-1,2-Dichloroethene	ug/L	50	52.0	52.5	104	105	75-125	1	20	

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Pace Analytical Services, Inc.
1241 Bellevue Street
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

LABORATORY CONTROL SAMPLE & LCSD: 98099 98100

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
cis-1,3-Dichloropropene	ug/L	50	57.5	59.7	115	119	75-125	4	20	
Dibromochloromethane	ug/L	50	52.6	52.6	105	105	75-125	.09	20	
Ethylbenzene	ug/L	50	52.4	53.0	105	106	75-125	1	20	
m&p-Xylene	ug/L	100	112	110	112	110	75-125	2	20	
Methylene Chloride	ug/L	50	49.6	49.6	99	99	75-125	.05	20	
o-Xylene	ug/L	50	55.6	53.8	111	108	75-125	3	20	
Styrene	ug/L	50	51.3	48.3	103	97	75-125	6	20	
Tetrachloroethene	ug/L	50	55.7	54.4	111	109	75-130	2	20	
Toluene	ug/L	50	54.0	52.7	108	105	75-125	3	20	
trans-1,2-Dichloroethene	ug/L	50	49.7	54.4	99	109	75-125	9	20	
trans-1,3-Dichloropropene	ug/L	50	54.3	50.5	109	101	75-125	7	20	
Trichloroethene	ug/L	50	52.6	52.0	105	104	75-125	1	20	
Vinyl chloride	ug/L	50	58.5	59.0	117	118	65-130	.8	20	
4-Bromofluorobenzene (S)	%				103	100	64-132			
Dibromofluoromethane (S)	%				105	112	68-122			
Toluene-d8 (S)	%				106	107	73-127			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 98101 98102

Parameter	Units	4011012004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.90	250	250	276	283	110	113	70-130	2	30	
1,1,2,2-Tetrachloroethane	ug/L	<0.20	250	250	305	292	122	117	70-130	4	30	
1,1,2-Trichloroethane	ug/L	<0.42	250	250	272	273	109	109	70-130	.5	30	
1,1-Dichloroethane	ug/L	<0.75	250	250	250	264	100	106	70-130	5	30	
1,1-Dichloroethene	ug/L	<0.57	250	250	257	272	103	109	70-135	6	30	
1,2-Dichloroethane	ug/L	<0.36	250	250	248	256	99	102	70-130	3	30	
1,2-Dichloropropane	ug/L	<0.49	250	250	288	277	115	111	70-130	4	30	
Benzene	ug/L	<0.41	250	250	292	286	117	114	70-130	2	30	
Bromodichloromethane	ug/L	<0.56	250	250	239	253	96	101	70-130	6	30	
Bromoform	ug/L	<0.94	250	250	222	228	89	91	70-130	3	30	
Bromomethane	ug/L	<0.91	250	250	329	350	132	140	63-147	6	30	
Carbon tetrachloride	ug/L	<0.49	250	250	275	276	110	111	70-131	.5	30	
Chlorobenzene	ug/L	<0.41	250	250	264	262	106	105	70-130	.9	30	
Chloroethane	ug/L	<0.97	250	250	316	323	126	129	67-138	2	30	
Chloroform	ug/L	<1.3	250	250	236	250	94	100	70-130	6	30	
Chloromethane	ug/L	<0.24	250	250	318	319	127	128	43-150	.2	30	
cis-1,2-Dichloroethene	ug/L	1.9J	250	250	260	268	103	107	70-130	3	30	
cis-1,3-Dichloropropene	ug/L	<0.20	250	250	263	280	105	112	70-130	6	30	
Dibromochloromethane	ug/L	<0.81	250	250	243	249	97	100	70-130	2	30	
Ethylbenzene	ug/L	<0.54	250	250	263	260	105	104	70-136	.9	30	
m&p-Xylene	ug/L	<1.8	500	500	521	520	104	104	70-137	.2	30	
Methylene Chloride	ug/L	<0.43	250	250	263	269	105	108	70-130	2	30	
o-Xylene	ug/L	<0.83	250	250	262	263	105	105	70-130	.4	30	
Styrene	ug/L	<0.86	250	250	203	207	81	83	70-130	2	30	
Tetrachloroethene	ug/L	0.49J	250	250	267	278	107	111	70-130	4	30	
Toluene	ug/L	<0.67	250	250	264	262	106	105	70-130	.8	30	

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 98101 98102

Parameter	Units	4011012004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
trans-1,2-Dichloroethene	ug/L	<0.89	250	250	251	256	100	102	70-130	2	30	
trans-1,3-Dichloropropene	ug/L	<0.19	250	250	245	254	98	102	70-130	3	30	
Trichloroethene	ug/L	1.2J	250	250	261	262	104	104	70-130	.4	30	
Vinyl chloride	ug/L	0.29J	250	250	292	301	117	120	62-138	3	30	
4-Bromofluorobenzene (S)	%						100	103	64-132			
Dibromofluoromethane (S)	%						110	111	68-122			
Toluene-d8 (S)	%						109	110	73-127			

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QUALIFIERS

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

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

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results may be biased high.
Z3	Methylene chloride is a common laboratory contaminant. Results for this analyte should be considered estimated unless the amount found in the sample is 3 to 5 times higher than that found in the method blank.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 05-529 KLINKE WAUKESHA
Pace Project No.: 4011061

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4011061001	**MW-1**	EPA 8260	MSV/3096		
4011061002	**MW-2**	EPA 8260	MSV/3096		
4011061003	**MW-3**	EPA 8260	MSV/3096		
4011061004	**MW-4B**	EPA 8260	MSV/3096		
4011061005	**MW-5**	EPA 8260	MSV/3096		
4011061006	**MW-6**	EPA 8260	MSV/3096		
4011061007	**MW-7**	EPA 8260	MSV/3096		
4011061008	**MW-8**	EPA 8260	MSV/3096		
4011061009	**P-3**	EPA 8260	MSV/3096		
4011061010	**TRIP BLANK**	EPA 8260	MSV/3096		
4011061011	**QC1**	EPA 8260	MSV/3096		

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Sample Condition Upon Receipt

Pace Analytical

Client Name: RSV Eng. Project # 4011061

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace Other _____

Tracking #: _____

Optional
Proj. Due Date:
Proj. Name:

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

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

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

Cooler Temperature 10.1 **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: LI 11/5/08

Comments:

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

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 110508

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

(Please Print Clearly)

Company Name:	RSV Engineering
Branch/Location:	Jefferson
Project Contact:	Paula Richardson
Phone:	920.674.3411
Project Number:	05-529
Project Name:	Klinke Waukesha
Project State:	WI
Sampled By (Print):	Paula Richardson
Sampled By (Sign):	P R
PO #:	05-529
Regulatory Program:	WDNR

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CHAIN OF CUSTODY

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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

FILTERED? (YES/NO): Y/N: N
PRESERVATION (CODE)*: Pick Letter: B

Quote #:	102908
Mail To Contact:	Paula Richardson
Mail To Company:	RSV Engineering
Mail To Address:	146 E. Milwaukee St. Jefferson, WI 53549
Invoice To Contact:	Paula Richardson
Invoice To Company:	Same
Invoice To Address:	Same
Invoice To Phone:	

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

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

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

Analyses Requested: VOCs

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	VOCs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	11/3/08	10:45	GW	X		3-40ml B	
002	MW-2	↓	11:40a	↓	X		↓	
003	MW-3	↓	2:00p	↓	X		↓	
004	MW-4B	↓	11:15a	↓	X		↓	
005	MW-5	↓	12:30p	↓	X		↓	
006	MW-6	↓	1:00p	↓	X		↓	
007	MW-7	↓	9:55a	↓	X		↓	
008	MW-8	↓	10:15	GW	X		↓	
009	P-3	11/3/08	1:15p	GW	X		↓	
010	Trip Blank				X		1-40ml B	
011	QC 1 *						3-40ml B	
							* Rec'd, QC added by lab. 11/5/08	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By	Date/Time	Received By	Date/Time
P R	11/4/08 9:30a	D. F	11/4/08 0930
D. F	11/4/08 1700	Waltco	
Waltco	11/5/08 9:30	L. Maury	11/5/08 9:30

PACE Project No. 4011061

Receipt Temp = 1.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal
Present / Not Present (circled: Not Present)
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL