ENVIRONMENTAL, INC.

March 18, 2008

MC 124
Mr. Jeff Davis, Team Leader
MSW Permits Section
Office of Waste Management, Permits Division
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, TX 78711-3087

Re: Permit Modification Request for Changes to the Groundwater Monitoring System Design Angelina County Waste Management Center MSW Permit No. 2105A Angelina County, Texas

Dear Mr. Davis:

On behalf of Angelina County, we hereby request the following modification to the approved groundwater monitoring system design for Angelina County Waste Management Center, MSW Permit No. 2105A, Angelina County, Texas:

- changes to the design of the groundwater monitoring system to address recent revisions to the requirements found in TAC Chapter 330 Subchapter J.

Discussion

The objective of this modification is to bring the groundwater monitoring system into compliance with applicable portions of recently revised 30 TAC Chapter 330 Subchapter J. This modification includes changes in the design of the monitoring system necessary to comply with the recent rule revisions. This modification is submitted under §305.70(l), and in accordance with requirements of 30 TAC 330.401(b) will require public notice following completion of technical review by TCEQ personnel.

Submitted herein are the revised pages and figures as necessary to the modify the groundwater monitoring system design. For ease of review, Section 1 of this submittal includes a list of revised figures and pages. Section 2 includes a copy of the replacement pages indicating added text by <u>underline</u> and deleted text by ~~strikeout~~. Section 3 of this submittal includes the revised figures and revised pages

1120 NW STALLINGS DRIVE
NACOGDOCHES, TX 75964-3428
printed on recycled paper
936-568-9451
FAX 936-568-9527

without marked changes. The date of modification is shown on each replacement figure or footer of each replacement page. Section 4 contains the completed Applicant Certification. Section 5 is proof of submittal of the permit modification application fee that is required by 30 TAC §330.59(h)(1).

In accordance with requirements of 30 TAC §330.57(i), a copy of this modification has been posted at the following Internet address:

www.angelinacounty.net/waste

The required "Part I" form (TCEQ-0650) is also attached to this correspondence. If you have any questions regarding this permit modification request, please feel free to contact me at (936) 568-9451 or by e-mail at gcollier@hydrex-inc.com.

Additionally, I certify that I am a qualified groundwater scientist as defined in 30 TAC §330.3.

Sincerely,
Hydrex Environmental, Inc.

Glen A. Collier, P.G.
Senior Hydrogeologist

STATE OF TEXAS
GLEN A. COLLIER
GEOLOGY
25
LICENSED
PROFESSIONAL GEOSCIENTIST

Attachments

Distribution:

original + 2 copies	Mr. Jeff Davis MC-124 MSW Permits Section Office of Waste Management, Permits Division Texas Commission on Environmental Quality P. O. Box 13087 Austin, TX 78711-3087
1 copy	Ms. Georgie Volz Regional Director TCEQ Regional Office 10 3870 Eastex Fwy. Beaumont, TX 77703-1892
1 copy	Mr. Chris Fitzgerald, Landfill Manager Angelina County Waste Management Center P.O. Box 1862 Lufkin, TX 75902-1862
1 copy	Hydrex Environmental, Inc.

N
LAND OWNER ID
1 ANGELINA COUNTY WASTE MANAGEMENT CENTER
2 PROPERTY OWNED BY ANGELINA COUNTY
3 HSH PROPERTIES
4 TEMPLE-INLAND FPC
5 DE SOTO PIPELINE COMPANY, INC.
500' OFFSET
COUNTY ROAD No. 228A
500' OFFSET
500' OFFSET
500' OFFSET
ANGELINA COUNTY WASTE MANAGEMENT CENTER
LAND OWNERSHIP MAP
ALL PROPERTY OWNERS WITHIN 500 FT OF FACILITY
ENGINEERS
SURVEYORS
EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5578
DESIGNED BY:
CHECKED BY:
SCALE:
DRAWN BY:
APPROVED BY:
DATE:
OF
NOTE:
PROPERTY LINE INFORMATION IS BASED ON DATA OBTAINED FROM THE ANGELINA COUNTY APPRAISAL DISTRICT. ADDRESSES OF PROPERTY OWNERS ARE CROSS-REFERENCED ON THE ATTACHED SHEET.

ANGELINA COUNTY WASTE MANAGEMENT CENTER
LAND OWNERSHIP MAP
ALL PROPERTY OWNERS WITHIN 500 FT OF FACILITY

ENGINEERS SURVEYORS

EVERETT GRIFFITH JR. & ASSOCIATES, INC.
408 North Third Street
Lufkin, Texas
936/634-5528

DESIGNED BY:	CHECKED BY:	SCALE:	1 OF 1
DRAWN BY:	APPROVED BY:	DATE:	

ANGELINA COUNTY WASTE MANAGEMENT CENTER
ADJACENT LANDOWNERS LIST

The attached landowner map indicates the location of the Angelina County Waste Management Center landfill. The names and addresses of adjacent landowners within 500 feet of the facility are provided below, numerically cross referenced with the attached map.

1. Angelina County Waste Management Center (the applicant)

2. Other property owned by Angelina County

3. HSH Properties Partnership LP
   P.O. Box 1365
   Lufkin, TX. 75902-1365

4. Temple-Inland FPC
   c/o Prop Tax Dept/ Robert Samford
   P.O. Box 1149
   Austin, TX. 78767

5. De Soto Pipeline Company, Inc.
   P.O. Box 708
   Lufkin, TX. 75902-0708

Information regarding property location and landowner names and addresses is based on data obtained from the Angelina County Appraisal District.

MINERAL INTEREST OWNERS UNDER THE FACILITY

TIN, INC.
Attn: Kenneth G. Christopher
303 S. Temple Drive
Diboll, Texas 75941

Carrie Wiener Ajnassian
944 Stanford St.
Santa Monica, CA 90403-2224

Alyson Alexander,
Trustee FBO the Alyson D. Alexander 1988 Trust
Dated 4/6/88
P.O. Box 3076
Santa Barbara, CA 93130

Malcolm Graham Alexander, Jr.
5425 Quail Run
Blaine, Washington 98230

Rose Mary W. Balter
130 Garlan Rd.
Newton, MA 02159

Laurie Alexander Black
1241 Cerro Gordo Rd.
Santa Fe, NM 87501-6106

H. Whitney Boggs, Jr.,
Trustee of the Mary H. Boggs Testamentary Trust
630 Piermont
Shreveport, LA 71106

Bonnie Cockrell
P.O. Box 8511
Aspen, CO 81612

Susan Hedrick Conie
8418 Beeswing Court
Dublin, OH 40317

Lynn Fisher
1860 Old Mill Rd.
Lufkin, TX 75904-1822

Susan S. Green
94 Martin Avenue
Barrington, RI 02806

Mildred L. H. Grinstead
211 Belmed Lane
Tyler, TX 75701

Diane R. Harris
5404 Bright Star Trail
Arlington, TX 76017

Melba J. Heselmeyer
15514 Seahorse
Houston, TX 77062

Andrew Karl Hursey
c/o Colleen Hursey-Dunstane
502 W. Shore Drive
Alexandria, LA 71303-2089

Sally Ann Hudnall
5623 Melshire Drive
Dallas, TX 75230-2113

Charles Stephen Hursey
c/o Colleen Hursey-Dunstane
502 W. Shore Drive
Alexandria, LA 71303-2089

Colleen Hursey-Dunstane
502 W. Shore Drive
Alexandria, LA 71303-2089

Leah Kristen Hursey
1323 Arlington Ave.
Baton Rouge, LA 70806

Michael David Hursey
c/o Colleen Hursey-Dunstan
502 W. Shore Drive
Alexandria, LA 71303-2089

The Jameson Mineral Trust
Thomas G. Jameson, Trustee
c/o Peter K. Jameson
Andrews & Kurth L.L.P.
600 Travis, Suite 4200
Houston, TX 77002

Paul Bruce Hursey
3369 Deborah Dr.
Monroe, LA 71201

Calvine W. Jayroe
103 W. 4th St. Loft
Taylor, TX 76574

Irwin Ray Jayroe
103 Harmony Hill Ct.
Lufkin, TX 75901

JHRSB Partners, L. P.
A Delaware Partnership
JHRSB Partners, L.P.
c/o Jill S. McLinden
272 Voss Road
Bethel Park, PA 15102

Karen Kurth Kelly
4717 Innisbrook Court North
Elkton, FL 32033

Joseph G. Kurth
11510 Wendover Lane
Houston, TX 77024

Joseph G. Kurth, Jr.
3815 Bratton
Sugarland, TX 77479

John Henderson, Jr. Testamentary Trust
Regions Bank, Trustee
Account 390360014
Regions Bank, Trustee
J.H. Kurth Jr., Testamentary Trust
P. O. Box 1900
Tyler TX 75710-1900

Estate of Melvin H. Kurth
First Bank & Trust East Texas,
Independent Executor
c/o Thomas Rainey, V-P & Trust Officer
First Bank & Trust East Texas
P. O. Box 152020
Lufkin, TX 75915-2020

Christopher Maas
7738 Forest Lane, Suit 425
Dallas, TX 75230

Leisa Maas
P.O. Box 16073
Fort Worth, TX 76133

Charles Louis McBride
13203 Willow Forest Drive
Louisville, KY 40245

George K. McBride, Jr.
81 Edgewood Place
Vicksburg, MS 39180

James Hughes McBride
9221 Frenchman's Way
Dallas, TX 75220

Mrs. James A. McMullan
6213 Ravenswood Drive
Ft. Worth, TX 76112

James A. McMullan III
6300 Ridgelea Place, Suite 509
Fort Worth, TX 76116

Ora Elizabeth McMullen
6213 Ravenwood Drive
Ft. Worth, TX 76112

Frances Maas Mithoff
7304 Good Samaritan Court, #106
El Paso, TX 79912

Estate of Robin Wilson Moore
6175 Preston Creek Court
Dallas, TX 75240

Vardeman Griffith Moore
6175 Preston Creek Court
Dallas, TX 75240

Selma Ray Kahn Nachman
8333 Douglas Avenue, Suite 1270
Dallas, TX 75225

Ellen W. Oppenheim
156 E. 79th Street, Apt 7A
New York, NY 10021

Alexander C. O'Reilly
P. O. Box 59704
Chicgao, IL 60659

Kay Kurth Owen
2423 N.W. 35th St.
Boca Raton, FL 33431

Michael Walter Page
P. O. Box 11692
Fort Worth, TX 76110

Aurelia Rice
4012 Kenosha Road
Plano, TX 75024

Linda S. Pittman
Box 1316
Silsbee, TX 77565

Renrew Minerals, Ltd.
333 Texas St., Suite 2375
Shreveport, LA 71101-5304

Nancy Hedrick Parker
885 East Zia Road
Santa Fe, NM 87505

SAVIJO
(A Grantor Trust)
Ms. Jo Kurth Jagoda
7131 Brookshire Circle
Dallas, TX 75230

Susan Kay Page Schairbaum
3688 Encanto
Ft. Worth, TX 75230

Jeff M. Segrest
9120 Hwy 18
Hermanville, MS 39086

Thomas L. Segrest
Graham & Segrest
P. O. Box 1442
Columbus, MS 39703-1442

Charlotte Jane Squyres
(Mrs. Hulen Squyres)
Route 2, Box 4350
Lufkin, TX 75901

Carol Brooke Stollenwereck
4305 University Blvd.
Dallas, TX 75205

June Carol Henderson Stollewerck
6124 St. Andrews Drive
Dallas, TX 75205-1732

Laura Kathryne Sumrall
10630 E. Stockbridge Ct.
Zeeland, MI 49464

Mildred W. Teitelbaum
5326 Paisley Lane
Houston, TX 77096

Jimmy L. Tipton
P. O. Box 2071
Rockport, TX 78382

Jay L. Wiener
3858 Redbud Road
Jackson, MS 39211

John S. Wiener
3313 Devon Road
Durham, NC 27707

Mrs. Kathryn L. Wiener
3858 Redbud Road
Jackson, MS 39211

Mary L. Weiner
166 Bank Street, 1A
New York, NY 10014

William B. Wiener, III
3 Bradford Court
Houston, TX 77024

Benjamin Dee Winston
P. O. Box 2359
Lufkin, TX 75901

John Randolph Winston, III
P. O. Box 152802
Lufkin, TX 75915-2802

Simon Wood Winston
P. O. Box 2359
Lufkin, TX 75901

Kathleen Tubbs Wizbicki
551 Valkeith
Houston, TX 77096

Irma Veree Henderson Alexander
(Irma) Veree Henderson Alexander Living Trust
c/o Angelo Pantele, Agent
48737 Sageflower Lane
Palm Desert, CA 92260-6739

Dean Bruce Cowle, Jr.
P. O. Box 4922
Lancaster, PA 17604

Douglas Randolph Cowie
50 Alwington Ave.
Kingston, Ontario
Canada, K4L 4R3

Joal Fischer, MD
1607 Dilwort Road West
Charlotte, NC 28203-5213

Karen W. Freyer
5908 Southmoor Lane,
Cherry Hill Village, CO 80111

Simon W. Henderson III
P. O. Box 1365
Lufkin, TX 75902-1365

Kurth Family Partnership
c/o Melvin E. Kurth, Jr.
235 Camino Del Norte
Santa Fe, NM 87501

Nancy W. Marcus
4500 Roland Ave., #806
Dallas, TX 75219

Lyska K, Marsh
1295 Sheridan
Beaumont, TX 77706

Laura Sue Henderson McMurry
3663 Del Monte
Houston, TX 77019

Joseph A. Meis, MD
782 Timberhill Lane
Highland Park IL 60035

J.F. Reeves
2525 Lake Oaks Road
Waco, TX 76710

Trudy H. O'Reilly
3113 Chesapeake Ave.
Hampton, VA 23661-3439

Mrs. Elizabeth Henderson Page
4429 Overton Crest
Fort Worth, TX 76109

Matt A. Meis
11639 Cohansey Road
San Diego, CA 92131

Mrs. Laura Thompson Reeves
2525 Lake Oaks Road
Waco, TX 76710

Sandfield Limited Partnership
c/o Mrs. Joan S. Jackson
10036 Hollow Way Road
Dallas, TX 75229

Aimee B. Freyer Valls
4370 Eat Perry Parkway
Greenwood Village, CO 80121

Daniel P. Wiener
333 Texas St., Suite 2375
Shreveport, LA 71101-5304

David M. Wiener
333 Texas St., Suite 2375
Shreveport, LA 71101-5304

Earl Louis Wiener
333 Texas St., Suite 2375
Shreveport, LA 71101-5304

Florence Eva Wiener
333 Texas St., Suite 2375
Shreveport, LA 71101-5304

Fred Samuel Wiener
333 Texas St., Suite 2375
Shreveport, LA 71101-5304

Samuel G. Wiener, Jr.
333 Texas St., Suite 2375
Shreveport, LA 71101-5304

Thomas Eli Wiener
One Belmont Ave., Suite 605
Bala Cynwyd, PA 19004-1609

Sara M. Wiener
333 Texas St., Suite 2375
Shreveport, LA 71101-5304

William B. Wiener, Jr.
333 Texas St., Suite 2375
Shreveport, LA 71101-5304

Mrs. Virginia Henderson Winston
4205 Highway 59 North
Lufkin, TX 75901

Carol Cowie Zeppenfeld
1799 Beachfield Road
Annapolis, MD 21410

Anderson Mineral Trust
Regions Bank, Trustee
Joseph E. Hand Jr.
Regions Bank
P. O. Box 1900
Tyler, TX 75710

J. Kurth Brown
2816 Revere Street
Houston, TX 77098-1314

Patricia Jayroe Gage Testamentary Trust
Hibernia National Bank, Trustee
Attn: Thomas Kelley, Trust Dept.
P. O. Box 3928
Beaumont, TX 77704

Judith Kurth Gibson Trust
Regions Bank, Trustee
Joseph E. Hand Jr.
Regions Bank
P. O. Box 1900
Tyler, TX 75710

Christine Henderson
235 Creekwood
Huntington, TX 75949

Henderson Mineral, Inc.
George H. Henderson, III President
P. O. Box 3659
Lufkin, TX 75903-3659

Kurth Investment Corporation
c/o Mr. Wyatt Leinhart
Box 1506
Lufkin, TX 75901

Katherine Kurth Trust
Regions Bank, Trustee
Joseph E. Hand Jr.
Regions Bank
P. O. Box 1900
Tyler, TX 75710

Estate of Nance Thompson Medford
c/o Davod Medford, Executor
1307 8th Avenue
Fort Worth, TX 76104

Russell T. Rudy Energy, L.L.C.
5701 Woodway Drive, Suite 222
Houston, TX 77057-1505

Texas Arkansas & Florida Mineral Trust
c/o Simon W. Henderson III
P. O. Box 1365
Lufkin, TX 75902-1365

Melissa Cockrell Theriot
430 Irvine Avenue
Newport Beach, CA 92663

Winston Securities Partnership,
c/o Virginia Henderson Winston
4205 Highway 59 North
Lufkin, TX 75901

John Henderson, Jr.
P. O. Box 545
Hunt, TX 78024

John Henderson, Jr. Trust
P. O. Box 545
Hunt, TX 78024

John H. Henderson, III
P. O. Box 90573
San Antonio, TX 78209

Mark Henderson
3089 Fm 326
Lufkin, TX 75901-1822

HSH Properties Partnership, L. P
c/o Simon Wood Henderson, III
P. O. Box 1365
Lufkin, TX 75902-1365

Mrs. Laura Thompson Reeves
2525 Lake Oaks Road
Waco, TX 76710

Elizabeth Louise Henderson Page
4429 Overton Crest
Fort Worth, TX 76109

Hattie K. Parker
c/o Aaron Ball
Chamberlain Hrdlicka Law Firm
1200 Smith St. Suite 1400
Houston, TX 77002

Jonathan A. Parker
c/o 4899 Montorose Blvd. Apt. 1103
Houston, TX 77006-6167

Robert F. Parker, II
c/o 4899 Montorose Blvd. Apt. 1103
Houston, TX 77006-6167

Mrs. Irma Veree Henderson Alexander
Veree Henderson Alexander Living Trust
c/o Angelo Pantele, Agent
48737 Sageflower Lane
Palm Desert, CA 92260-6739

Laura Sue H. McMurrey
3663 Del Monte
Houston, TX 77019

MAP Securities Partnership
c/o Simon W. Henderson III
P.O. Box 1365
Lufkin, TX 75902-1365

Texas Commission on Environmental Quality

Permit or Registration Application for Municipal Solid Waste Facility

Part I

A. General Information

Facility Name:	Angelina County Waste Management Center			
Physical or Street Address (if available):	Approximately 1 mile south of the intersection of FM 58 and FM 2108 on 7521 FM 58			
(City) (County)(State)(Zip Code):	Lufkin	Angelina	TX	75901
(Area Code) Telephone Number:	936-632-7168			
Charter Number:	N/A			

If the application is submitted on behalf of a corporation, provide the Charter Number as recorded with the Office of the Secretary of State for Texas.

Operator Name[1]:	Angelina County			
Mailing Address:	P. O. Box 908			
(City) (County)(State)(Zip Code):	Lufkin	Angelina	TX	75902
(Area Code) Telephone Number:	936-634-5413			
(Area Code) FAX Number:				
Charter Number:	N/A			

If the permittee is the same as the operator, type "Same as Operator".

Permittee Name:	Same as Operator			
Physical or Street Address (if available):				
(City) (County)(State)(Zip Code):				
(Area Code) Telephone Number:				
Charter Number:				

If the application is submitted by a corporation or by a person residing out of state, the applicant must register an Agent in Service or Agent of Service with the Texas Secretary of State's office and provide a complete mailing address for the agent. The agent must be a Texas resident.

Agent Name:	N/A			
Mailing Address:				
(City) (County)(State)(Zip Code):				
(Area Code) Telephone Number:				
(Area Code) FAX Number:				

Application Type:

☐	Permit	☐	Major Amendment	☐	Minor Amendment
☐	Registration	☒	Modification	☐	Temporary Authorization
		☒	w/Public Notice		
		☐	w/out Public Notice	☐	Notice of Deficiency Response

[1] The operator has the duty to submit an application if the facility is owned by one person and operated by another [30 TAC 305.43(b)]. The permit will specify the operator and the owner who is listed on this application [Section 361.087 Texas Health and Safety Code].

Facility Classification:

☒	Type I	☐	Type IV	☐	Type V	☐	Type IX
☐	Type I AE	☐	Type IV AE	☐	Type VI		

Activities covered by this application (check all that apply):

☐	Storage	☐	Processing	☒	Disposal

Waste management units covered by this application (check all that apply):

☐	Containers	☐	Tanks	☐	Surface Impoundments	☒	Landfills
☐	Incinerators	☐	Composting	☐	Type IV Demonstration Unit	☐	Type IX Energy/Material Recovery
☐	Other (Specify)			☐	Other (Specify)		
☐	Other (Specify)			☐	Other (Specify)		

Is this submittal part of a Consolidated Permit Processing request, in accordance with 30 TAC Chapter 33?
☐ Yes ☒ No

If yes, state the other TCEQ program authorizations requested.

Provide a brief description of the portion of the facility covered by this application. For amendments, modifications, and temporary authorizations, provide a brief description of the exact changes to the permit or registration conditions and supporting documents referenced by the permit or registration. Also, provide an explanation of why the amendment, modification, or temporary authorization is requested.
Modification to the permit as required under 30 TAC 330 Subchapter J (Well Spacing and Groundwater Monitoring System changes)

Does the application contain confidential Material?	☐ Yes ☒ No

If yes, cross-reference the confidential material *throughout the application* and submit as a separate document or binder conspicuously marked "CONFIDENTIAL."

Bilingual Notice Instructions

For certain permit applications, public notice in an alternate language is required. If an elementary school or middle school nearest to the facility offers a bilingual program, notice may be required to be published in an alternative language. The Texas Education Code, upon which the TCEQ alternative language notice requirements are based, trigger a bilingual education program to apply to an entire school district should the requisite alternative language speaking student population exist. However, there may not exist any bilingual-speaking students at a particular school within a district which is required to offer the bilingual education program. For this reason, the requirement to publish notice in an alternative language is triggered if the nearest elementary or middle school, as a part of a larger school district, is required to make a bilingual education program available to qualifying students and either the school has students enrolled at such a program on-site, or has students who attend such a program at another location in satisfaction of the school's obligation to provide such a program as a member of a triggered district.

If it is determined that a bilingual notice is required, the applicant is responsible for ensuring that the publication in the alternate language is complete and accurate in that language. Electronic versions of

the Spanish template examples are available from the TCEQ to help the applicant complete the publication in the alternative language.

Bilingual Notice Application Form:

Bilingual notice confirmation for this application:

1. Is a bilingual program required by the Texas Education Code in the school district where the facility is located? ☒ YES ☐ NO

   (If NO, alternative language notice publication not required)

2. If YES to question 1, are students enrolled in a bilingual education program at either the elementary school or the middle school nearest to the facility? ☒ YES ☐ NO

(IF YES to questions 1 and 2, alternative language publication is required; If NO to question 2, then consider the next question)

3. If YES to question 1, are there students enrolled at either the elementary school or the middle school nearest to the facility who attend a bilingual education program at another location? ☐ YES ☐ NO

(If Yes to questions 1 and 3, alternative language publication is required; If NO to question 3, then consider the next question)

4. If YES to question 1, would either the elementary school or the middle school nearest to the facility be required to provide a bilingual education program but for the fact that it secured a waiver from this requirement, as available under 19 TAC §89.1205(g)?
   ☐ YES ☐ NO

(If Yes to questions 1 and 4, alternative language publication is required; If NO to question 4, alternative language notice publication not required)

If a bilingual education program(s) is provided by either the elementary school or the middle school nearest to the facility, which language(s) is required by the bilingual program?

Note: Applicants for new permits and major amendments must make a copy of the administratively complete application available at a public in the county where the facility is, or will be, located for review and copying by the public.

Public place where administratively complete permit application will be located.				
Public Place (e.g., public library, county court house, city hall, etc.):	N/A			
Mailing Address:				
(City) (County)(State)(Zip Code):				
(Area Code) Telephone Number:				

B. Facility Location

Except for Type I AE and Type IV AE landfill facilities, for permits, registrations, amendments, and modifications requiring public notice, provide the URL address of a publicly accessible internet website where the application and all revisions to that application will be posted.
www.angelinacounty.net/waste

Local Government Jurisdiction:	Angelina County
Within City Limits of:	N/A
Within Extraterritorial Jurisdiction of City of:	Lufkin
Is the proposed municipal or industrial solid waste disposal or processing facility located in an area in which the governing body of the municipality or county has prohibited the disposal or processing of municipal or industrial solid waste? (If YES, provide a copy of the ordinance or order):	
☐ YES ☒ NO	

Provide a description of the location of the facility with respect to known or easily identifiable landmarks.
Approximately 1 mile south of the intersection of FM 58 and FM 2108 on 7521 FM 58

Detail the access routes from the nearest United States or state highway to the facility.
Approximately 1 mile south of the intersection of FM 58 and FM 2108

Provide the latitudinal and longitudinal geographic coordinates of the facility.

Latitude	N 31-15-00
Longitude	W 94-42-20
Elevation (above msl)	270 feet

Is the facility within the Coastal Management Program boundary?	☐ Yes ☒ No

Texas Department of Transportation District Location:

TXDOT District Name & Number:	Lufkin District 11			
District Engineer's Name:	Dennis Cooley, P. E.			
Street or P. O. Box:	1805 North Timberland Drive			
(City)(County)(State)(Zip Code):	Lufkin	Angelina	TX	75901
(Area Code) Telephone Number:	936-634-4433			
(Area Code) FAX Number:	936-633-4378			

The local governmental authority or agency responsible for road maintenance:

Contact Person's Name:	Lynn George, Angelina Co. Commissioner			
Street or P. O. Box:	P. O. Box 908			
(City)(County)(State)(Zip Code):	Lufkin	Angelina	TX	75902
(Area Code) Telephone Number:	936-632-5531			
(Area Code) FAX Number:	N/A			

State Representative:

District Number:	12			
State Representative's Name:	Jim McReynolds			
District Office Address:	203 South First Street, Suite A			
(City)(County)(State)(Zip Code):	Lufkin	Angelina	TX	75904
(Area Code) Telephone Number:	936-634-9786			
(Area Code) FAX Number:	936-637-6694			

State Senator:

District Number:	3			
State Senator's Name:	Robert Nichols			
District Office Address:	4100 South Medford Drive, Suite B-2			
(City) (County)(State)(Zip Code):	Lufkin	Angelina	TX	75901
(Area Code) Telephone Number:	936-699-4988			
(Area Code) FAX Number:				

Council of Government (COG) Information:

COG Name:	Deep East Texas			
COG Representative's Name:	Walter Diggles			
COG Representative's Title:	Executive Director			
Street or P. O. Box:	210 Premier Drive			
(City) (County)(State)(Zip Code):	Jasper	Jasper	TX	75951
(Area Code) Telephone Number:	409-384-5704			
(Area Code) FAX Number:	409-384-5390			

River Basin Information:

River Authority:	Angelina & Neches River Authority			
Contact Person's Name:	Kenneth Reneau			
Watershed Sub-Basin Name:	Upper Neches River			
Street or P. O. Box:	210 East Lufkin Avenue			
(City) (County)(State)(Zip Code):	Lufkin	Angelina	TX	75901
(Area Code) Telephone Number:	936-632-7795			
(Area Code) FAX Number:	936-632-2564			

This site is located in the following District of the U.S. Army Corps of Engineers:			
☐ Albuquerque, NM	☒ Ft. Worth, TX	☐ Galveston, TX	☐ Tulsa, OK

C. Maps

General

For permits, registrations, and amendments only, submit a topographic map, ownership map, county highway map, or a map prepared by a registered professional engineer or a registered surveyor which shows the facility and each of its intake and discharge structures and any other structure or location regarding the regulated facility and associated activities. Maps must be of material suitable for a permanent record, and shall be on sheets 8-1/2 inches by 14 inches or folded to that size, and shall be on a scale of not less than one inch equals one mile. The map shall depict the approximate boundaries of the tract of land owned or to be used by the applicant and shall extend at least one mile beyond the tract boundaries sufficient to show the following:

each well, spring, and surface water body or other water in the state within the map area;

the general character of the areas adjacent to the facility, including public roads, towns and the nature of development of adjacent lands such as residential, commercial, agricultural, recreational, undeveloped, etc;

the location of any waste disposal activities conducted on the tract not included in the application; and

the ownership of tracts of land adjacent to the facility and within a reasonable distance from the proposed point or points of discharge, deposit, injection, or other place of disposal or activity.

General location maps
For permits, registrations, and amendments only, submit at least one general location map at a scale of one-half inch equals one mile. This map shall be all or a portion of a county map prepared by Texas Department of Transportation (TxDOT). If TxDOT publishes more detailed maps of the proposed facility area, the more detailed maps shall also be included in Part I. Use the latest revision of all maps.

Land ownership map
Provide a map that locates the property owned by adjacent and potentially affected landowners. The maps should show all property ownership within 500 feet of the facility, on-site facility easement holders, and all mineral interest ownership under the facility.

Landowners list
Provide the adjacent and potentially affected landowners' list, keyed to the land ownership map with each property owner's name and mailing address. The list shall include all property owners within 500 feet of the facility, easement holders, and all mineral interest ownership under the facility. Provide the property, easement holders', and mineral interest owners' names and mailing addresses derived from the real property appraisal records as listed on the date that the application is filed. Provide the list in electronic form, as well.

D. Property owner information

For permits, registrations, amendments, and modifications that change the legal description, a change in owner, or a change in operator only, provide the following:

(1) the legal description of the facility;

(A) the abstract number as maintained by the Texas General Land Office for the surveyed tract of land;

(B) the legal description of the property and the county, book, and page number or other generally accepted identifying reference of the current ownership record;

(C) for property that is platted, the county, book, and page number or other generally accepted identifying reference of the final plat record that includes the acreage encompassed in the application and a copy of the final plat, in addition to a written legal description;

(D) a boundary metes and bounds description of the facility signed and sealed by a registered professional land surveyor;

(E) on-site easements at the facility, and

(F) drawings of the boundary metes and bounds description; and

(2) a property owner affidavit signed by the owner.

E. Legal authority

Provide verification of the legal status of the owner and operator, such as a one-page certificate of incorporation issued by the secretary of state. List all persons having over a 20% ownership in the proposed facility.

Indicate Ownership status of the facility:									
☐	Private	☐	Corporation	☐	Partnership	☐	Proprietorship	☐	Non-Profit Organization
☐	Public	☐	Federal	☐	Military	☐	State	☐	Regional
☒	County	☐	Municipal	☐	Other (Specify)				

Does the operator own the facility units and the facility property?	☒ Yes ☐ No

If "No," for permits, registrations, amendments, and modifications that changes the legal description, a change in owner, or a change in operators submit a copy of the lease for the use of or the option to buy the facility units or facility property, as appropriate, and identify:				
Owner Name:				
Street or P. O. Box:				
(City)(County)(State)(Zip Code):				
(Area Code) Telephone Number:				
(Area Code) FAX Number:				
Charter Number:				

F. **Evidence of competency**

For permits, registrations, amendments, and modifications that change the legal description, a change in owner, or a change in operators submit a list of all Texas solid waste sites that the owner and operator have owned or operated within the last ten years.				
Site Name	Site Type	Permit/Reg. No.	County	Dates of Operation
N/A				

Submit a list of all solid waste sites in all states, territories, or countries in which the owner and operator have a direct financial interest.			
Site Name	Location	Dates of Operation	Regulatory Agency (Name & Address)
N/A			

A licensed solid waste facility supervisor, as defined in 30 TAC Chapter 30, Occupational Licenses and Registrations will be employed before commencing facility operation.

Provide the names of the principals and supervisors of the owner's and operator's organization, together with previous affiliations with other organizations engaged in solid waste activities.		
Name	Previous Affiliation	Other Organization
N/A		

For landfill permit applications only, evidence of competency to operate the facility shall also include landfilling and earthmoving experience if applicable, and other pertinent experience, or licenses as described in 30 TAC Chapter 30 possessed by key personnel. The number and size of each type of equipment to be dedicated to facility operation will be specified in greater detail on Part IV of the application within the site operating plan.

Landfilling/Earthmoving Equipment Types	Personnel Experience or Licenses

For mobile liquid waste processing units, submit a list of all solid waste, liquid waste, or mobile waste units that the owner and operator have owned or operated within the past five years. Submit a list of any final enforcement orders, court judgments, consent decrees, and criminal convictions of this state and the federal government within the last five years relating to compliance with applicable legal requirements relating to the handling of solid or liquid waste under the jurisdiction of the commission or the United States Environmental Protection Agency. Applicable legal requirement means an environmental law, regulation, permit, order, consent decree, or other requirement.

Solid waste, liquid waste, or mobile waste units owned or operated within past 5 years	Texas and federal final enforcement orders, court judgments, consent decrees, and criminal convictions

G. Appointments

Provide documentation that the person signing the application meets the requirements of 30 TAC §305.44, Signatories to Applications. If the authority has been delegated, provide a copy of the document issued by the governing body of the owner or operator authorizing the person that signed the application to act as agent for the owner or operator.

H. Application Fees

For a new permit, registration, amendment, modification, or temporary authorization, submit a $150 application fee.

For authorization to construct an enclosed structure over an old, closed municipal solid waste landfill in accordance with 30 TAC 330 Subchapter T, submit a $2,500 application fee.

If paying by check, send payment to:

Texas Commission on Environmental Quality
Financial Administration Division, MC 214
P. O. Box 13087
Austin, Texas 78711-3087

Payment maybe made online using TCEQ e-pay at www.tceq.state.tx.us/e-services/	
E-pay confirmation number	

PROPERTY OWNER AFFIDAVIT

"I, _____,
(properly owner)
acknowledge that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure and post-closure care of the facility. For a facility where waste will remain after closure, I acknowledge that I have a responsibility to file with the county deed records an affidavit to the public advising that the land will be used for a solid waste facility prior to the time that the facility actually begins operating as a municipal solid waste landfill facility, and to file a final recording upon completion of disposal operations and closure of the landfill units in accordance with Title 30 Texas Administrative Code §330.19, Deed Recordation. I further acknowledge that I or the operator and the State of Texas shall have access to the property during the active life and post-closure care period, if required, after closure for the purpose of inspection and maintenance."

_____ _____
(Owner signature) (Date)

Signature Page

I, Wes Suiter, County Judge,
(Operator) (Title)

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____ Date: 3/19/2008

TO BE COMPLETED BY THE OPERATOR IF THE APPLICATION IS SIGNED BY AN AUTHORIZED REPRESENTATIVE FOR THE OPERATOR

I, _____, hereby designate _____
(Print or Type Operator Name) (Print or Type Representative Name)

as my representative and hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and/or appear for me at any hearing or before the Texas Commission on Environmental Quality in conjunction with this request for a Texas Water Code or Texas Solid Waste Disposal Act permit. I further understand that I am responsible for the contents of this application, for oral statements given by my authorized representative in support of the application, and for compliance with the terms and conditions of any permit which might be issued based upon this application.

_____
Printed or Typed Name of Operator or Principal Executive Officer

_____
Signature

SUBSCRIBED AND SWORN to before me by the said Sallie Alexander

On this 19th day of March, 2008

My commission expires on the 20th day of February, 2010

SALLIE ALEXANDER
Notary Public
STATE OF TEXAS
My Comm. Exp. 2-20-2010

Sallie Alexander
Notary Public in and for
Angelina County, Texas

(Note: Application Must Bear Signature & Seal of Notary Public)

Section 1

List of Replaced Figures		
Attachment No.	Exhibit	Description of Change
5	8.3	Site Map Showing Proposed Groundwater Monitoring System

List of Added Figures		
Attachment No.	Exhibit	Title
5	8.3.1	Groundwater Contour Map, Uppermost Aquifer, 1996 Average Water Levels
5	8.3.2	Groundwater Contour Map, Uppermost Aquifer, 1997 Average Water Levels
5	8.3.3	Groundwater Contour Map, Uppermost Aquifer, 1998 Average Water Levels
5	8.3.4	Groundwater Contour Map, Uppermost Aquifer, 1999 Average Water Levels
5	8.3.5	Groundwater Contour Map, Uppermost Aquifer, 2000 Average Water Levels
5	8.3.6	Groundwater Contour Map, Uppermost Aquifer, 2001 Average Water Levels
5	8.3.7	Groundwater Contour Map, Uppermost Aquifer, 2002 Average Water Levels
5	8.3.8	Groundwater Contour Map, Uppermost Aquifer, 2003 Average Water Levels
5	8.3.9	Groundwater Contour Map, Uppermost Aquifer, 2004 Average Water Levels
5	8.3.10	Groundwater Contour Map, Uppermost Aquifer, 2005 Average Water Levels
5	8.3.11	Groundwater Contour Map, Uppermost Aquifer, 2006 Average Water Levels
5	8.3.12	Groundwater Contour Map, Uppermost Aquifer, 2007 Average Water Levels
5	8.3.13	Monitor Well Construction Details

List of Added/Revised Pages		
Attachment No.	Page Number	Topic
5	III-5-II	Table of Contents
5	III-5-1	Section 1 - Introduction
5	III-5-2	Section 2 - Historic Groundwater Monitoring Data
5	III-5-4	Section 4 - Maps
5	III-5-5	Section 5 - Groundwater Monitoring System
5	III-5-5A	Proposed Monitoring System
5	III-5-7, 7A, 7B	Section 7 - Historical Groundwater Analysis
5	III-5-8	Section 8 - Exhibits

List of Revised Tables		
Attachment No.	Page Number	Topic
5	III-5-28-1 through III-5-28-71	Tabulation of Groundwater Data
5	III-5-33A	Tabulation of Water Level Measurements

Section 2

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4 MAPS III-5-4

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6 GROUNDWATER PROGRAM III-5-6

7 HISTORICAL GROUNDWATER ANALYSIS III-5-7

8 EXHIBITS III-5-8
- 8.1 Historical Groundwater Data III-5-9
- 8.2 Topographic Map showing ACWMC Permit Boundary III-5-29
- 8.3 Site Map Showing Proposed Groundwater Monitoring System ~~of ACWMC showing Location of Monitor Wells~~ III-5-30
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Hydrex Environmental, Inc. has been contracted by Angelina County Waste Management Center to provide a groundwater characterization report for the landfill site of the Angelina County Waste Management Center.

This Groundwater Characterization Report is based on a historical review of previous investigations and groundwater monitoring activities at the site. Previous studies that provide the basis of the information presented herein ~~are~~ include:

- Groundwater Monitoring Reports and Laboratory Analytical Reports (monitoring conducted September 1992 ~~to January 1994~~ through November 2007.
- Report of Monitor Well Installation, Angelina County Landfill, 114.5-Acre Tract; Pickett-Jacobs Consultants, Inc.; May 26, 1992.
- Supplement No. 1 to Monitor Well Installation, Angelina County Waste Management Center, 114.5-Acre Tract; Pickett-Jacobs Consultants, Inc.; November 2, 1994.
- Supplement No. 2 to Monitor Well Installation, Angelina County Waste Management Center, 114.5-Acre Tract; Pickett-Jacobs Consultants, Inc.; February 24, 1995.
- Initial Groundwater Characterization Report, Angelina County Waste Management Center, 114.5-Acre Tract; Hydrex Environmental, Inc.; December 1, 1995.
- Report on Cadmium in Groundwater, Angelina County Waste Management Center, Hydrex Environmental, Inc.; May 26, 1999.
- Applicability of a May 26, 1999 Alternate Source Demonstration (ASD) for Metals in Groundwater, Angelina County Waste Management Center, December 5, 2007.

Previous groundwater monitoring at the Angelina County Waste Management Center consisted of quarterly sampling and analysis of all monitoring wells for TNRCC parameters Groups 1 through 4. Exhibit 8.1 is a tabulation of the results of all previous laboratory testing of groundwater at the site.

Background monitoring for Subtitle D parameters was initiated in February 1996. Eight samples were collected and analyzed quarterly over a two year period to establish background values for the required parameters. The last of eight background monitoring events for the first wells installed was conducted in November 1997. Since that time, detection monitoring has been on-going on a semiannual basis.

Results of all background and detection monitoring events from wells at Angelina County Waste Management Center are tabulated on pages III-5-28-1 through III-5-28-71in Exhibit 8.1.

A delineation of the Angelina County Waste Management Center property boundary is shown on Exhibit 8.2. The site point of compliance and groundwater monitoring system are presented on Exhibit 8.3. A potentiometric surface map of the uppermost water-bearing zone, which reflects conditions in November 1995, is found as Exhibit 4-13 in Attachment 4.

Groundwater contour maps of the uppermost aquifer were produced using averaged annual water levels measured in wells during groundwater monitoring events. The groundwater contour maps are found as Exhibit 8.3.1 through 8.3.12. Tabulated water level measurements are found as Exhibit 8.7.

Groundwater conditions ~~The groundwater monitoring system~~ for Angelina County Waste Management Center are ~~is~~ described in detail in the Initial Groundwater Characterization Report, Angelina County Waste Management Center; Hydrex Environmental, Inc.; December 1, 1995, which is included as Appendix I of Attachment 5.

The current certified groundwater monitoring system for the site consists of monitor wells MW-1B, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-10, MW-11, MW-12A, MW-13B, MW-14, MW-15A, MW-15B, MW-18, and MW-20. Monitor wells MW-6, -7, -10, and -11 are Tract 2 wells and currently warehoused pending site development in that area of the facility.

In the groundwater system proposed herein, monitor well MW-2, which has not had sufficient water volume for sampling since 1996, will be plugged and abandoned. Monitor wells MW-1B and MW-15B, which do not monitor the uppermost aquifer but are completed in the "deep" water -bearing zone, will also be plugged and abandoned. Three additional wells (MW-4, MW-20, and MW-7) will be eliminated as the distances between wells are adjusted to comply with spacing requirements. Plugging and abandonment activities and reporting will be done in accordance with applicable regulations.

The final system will consist of sixteen wells. Point of compliance wells will be spaced at approximate six-hundred foot intervals downgradient of the waste management area. All wells will be screened in the uppermost aquifer and will serve to effectively detect a release should the facility's liner system be compromised. A map showing the locations of the wells is included as Exhibit 8.3.

All wells will be constructed according to the specifications outlined in 30 TAC §330.421. Typical monitor well construction specifications are included as Exhibit 8.3.13. Groundwater monitoring system installation will be certified by a qualified groundwater scientist as defined in 30 TAC §330.3.

Installation of monitor wells MW-21, MW-22, MW-23, and MW-24 and plugging of wells MW-1B, MW-2, MW-4, MW-7, MW-15B, and MW-20 will occur following approval of the revised groundwater monitoring system design. Subsequently, groundwater monitoring will be initiated for the new wells at the next regularly scheduled groundwater monitoring event. Monitoring of wells MW-6, MW-10, MW-11, MW-25, and MW-26 will commence prior to placement of the first waste in Tract 2. Waste disposal areas are depicted along with monitor well locations on Exhibit 8.3.

The following table summarizes the proposed groundwater monitoring system for Angelina County Waste Management Center.

~~The current groundwater monitoring system is summarized on the following table.~~

Proposed Monitoring System				
Well/Piezometer	~~Lithology Screened~~	Status	Aquifer	Remarks
~~MW-1A~~	~~Interbedded Sand-clay~~	~~Plugged & Abandoned~~	———	~~Plugged 8-27-95~~
~~MW-1B~~	~~Interbedded Sand-clay~~	~~Existing~~		~~Downgradient Tract 1~~
~~MW-2~~	~~Silty Sand~~	~~Existing~~		~~Downgradient Tract 1~~
MW-3	~~Glayey Sand-Lean Clay~~	Existing	uppermost	Downgradient Tract 1
~~MW-4~~	~~Glayey Sand~~	~~Existing~~		~~Downgradient Tract 1~~
MW-5	~~Glayey Sand, Clay-Sand~~	Existing	uppermost	Downgradient Tract 1
MW-6	~~Interbedded Clay-Sand~~	Existing	uppermost	~~Warehouse~~ Downgradient at Tract 2
~~MW-7~~	~~Interbedded Clay-Sand~~	~~Existing~~		~~Warehouse~~
~~MW-8~~	~~Interbedded Clay-Sand~~	~~Plugged & Abandoned~~		~~Plugged 8-27-95~~
~~MW-9~~	~~Silty Sand~~	~~Plugged & Abandoned~~		~~Plugged 8-27-95~~
MW-10	~~Interbedded Clay-Sand~~	Existing	uppermost	~~Warehouse~~ Upgradient at Tract 2
MW-11	~~Silty Sand—Glayey Sand~~	Existing	uppermost	~~Warehouse~~ Upgradient at Tract 2
MW-12A	~~Interbedded Clay-Sand~~	Existing	uppermost	Downgradient Tract 1
~~MW-12B~~	~~Fine Sand (SP)~~	~~Plugged & Abandoned~~		~~Plugged 8-27-95~~
~~MW-13A~~	~~Glayey Sand~~	~~Plugged & Abandoned~~		~~Plugged 8-27-95~~
MW-13B	~~Interbedded Clay-Sand~~	Existing	uppermost	Downgradient Tract 1
MW-14	~~Glayey Sand~~	Existing	uppermost	Upgradient well
MW-15A	~~Silty Sand-Lean Clay~~	Existing	uppermost	Downgradient Tract 1
~~MW-15B~~	~~Glayey Sand~~	~~Existing~~		~~Downgradient Tract 1~~
~~MW-16~~	~~Interbedded Clay-Sand~~	~~Plugged & Abandoned~~		~~Plugged 8-27-95~~
~~MW-17~~	~~Glayey Sand~~	~~Plugged & Abandoned~~		~~Plugged 8-27-95~~
MW-18	~~Silty Sand—Glayey Sand~~	Existing		~~Installed 8-25-95~~ Downgradient Tract 1
~~MW-19~~	~~Interbedded Clay-Sand~~	~~To be drilled~~		~~Replacement for MW-9~~
~~MW-20~~	~~Silty Sand~~	~~Existing~~		~~Installed 8-25-95~~
MW-21		planned	uppermost	Downgradient Tract 1
MW-22		planned	uppermost	Downgradient Tract 1
MW-23		planned	uppermost	Downgradient Tract 1
MW-24		planned	uppermost	Downgradient Tract 1
MW-25		planned	uppermost	Downgradient Tract 2
MW-26		planned	uppermost	Downgradient Tract 2

From September 1992 to January 1994, four samples were collected and analyzed for TNRCC parameters Groups 1 through 4. Of the hazardous constituents listed in Table I of TAC 330.200, five (barium, nitrate, fluoride, cadmium, and mercury,) were reported as detectable in the groundwater monitoring events.

Nitrate was detected in several of the wells during past monitoring events. Concentrations ranged up to 0.9 mg/L, which is significantly lower than the MCL of 10 mg/L. The nitrate concentrations are not considered to result from a release of contaminants from the facility.

During past monitoring events, all monitor wells have been reported to contain detectable concentrations of barium. Barium was reported in concentrations up to 0.9 mg/L. No barium was detected in excess of the 1.0 mg/L MCL for the metal. The reported barium levels are assumed to represent naturally occurring background at the site.

Fluoride was detected in concentrations up to 1.4 mg/L. Laboratory reports indicate that the detectable fluoride is relatively consistent with respect to concentration and occurrence. No fluoride was reported in excess of the MCL of 4.0 mg/L. These low levels of fluoride are assumed to represent naturally occurring background concentrations.

Mercury greater than or equal to the MCL of 0.002 mg/L was reported for five wells (MW-1, MW-5, MW-7, MW-8, and MW-14). Cadmium greater than or equal to the MCL of 0.01 mg/L was reported for two wells (MW-14 and MW-15A). None of the wells were reported to contain elevated concentrations of mercury for all four monitoring events. A single well, MW-15A, was reported to contain cadmium equal to or exceeding the MCL for all four events. Exhibit 8.4 shows reported concentrations and MCLs for the two parameters. Exhibit 8.5 summarizes the reported elevated occurrences of mercury and cadmium.

A review of the analytical reports and laboratory Quality Assurance/Quality Control data suggests that reported values for cadmium and mercury are suspect. Exhibit 8.6 summarizes relevant QA/QC data for each respective sampling event. The ranges of recovery, many of which exceed the accepted variance of 10%, are taken from laboratory QA/QC reports for those samples reported to contain elevated mercury or cadmium. In addition, the field blank for the monitoring event on April 1992, was reported to contain 0.001 mg/L mercury. A review of other water quality indicators does not suggest a release of contaminants to the groundwater. Based upon these factors, the validity of the analytical data is questionable.

~~Monitoring for required background parameters, as set forth in the Groundwater Sampling and Analysis Plan, is expected to be initiated in the second or third quarter of 1995. Previous analytical results will not be used in establishing background values of any parameters.~~ Collection of background under Subtitle D was performed between February 1996 and August 1998. Background monitoring was completed for monitor wells MW-1B, -3, -4, -5, -12A, -13B, -14, -15A, and -15B in November 1997 and for monitor wells MW-18 and -20 in August 1998. Monitor well MW-2 repeatedly demonstrates insufficient water for sampling. Therefore, background for volatile organic compounds (VOCs) in MW-2 was not completed until May 2005 and background monitoring for the remaining detection monitoring list has not been completed. As with pre-subtitle D monitoring (Exhibit 8.1), Subtitle D background monitoring results indicate the presence of numerous dissolved metals in wells of the current monitoring system. Dissolved metals reported for background monitoring events included arsenic, barium, cadmium, chromium, nickel, and selenium. Monitor

well MW-18 was the only monitoring well that did not report concentrations of dissolved metals above their respective reporting limit. Concentrations of nitrate were reported for all wells of the current monitoring system during background monitoring. All concentrations of nitrate reported during background monitoring were less than 1 mg/L. No VOCs were reported for any well during background monitoring activities. Results of Subtitle D background and detection monitoring are included as pages III-5-28-1 through III-5-28-71 in Exhibit 8.1

Subsequent to completion of background monitoring, detection monitoring has been conducted on a semiannual basis for the parameters listed in the facility's GWSAP. Statistical analysis of the data collected during the detection monitoring events is performed in accordance with the GWSAP and applicable regulations. Statistical analysis has reported numerous statistically significant changes (SSCs) and/or statistically significant increases (SSIs) in concentration for various constituents during detection monitoring. Where an SSI is indicated, assessment monitoring or an Alternate Source Demonstration (ASD) may be required. A discussion of SSIs reported for detection monitoring results that resulted in assessment monitoring or an ASD is presented below. The SSIs are addressed on a per well basis.

Monitor Well MW-13B

The results of the November 1998 detection monitoring event reported cis-1,2-dichloroethylene in monitor well MW-13B at a concentration of 12.8 µg/L. Verification resampling confirmed the reported concentration and assessment monitoring for MW-13B was initiated February 1999. The assessment monitoring included sampling and analysis for the complete list of constituents found in Appendix II of 40 CFR part 258 (assessment constituents) and those listed on the facility's approved alternative detection monitoring list. The results of the assessment monitoring reported no new assessment constituents. Subsequent TNRCC correspondence approved assessment monitoring for detection monitoring constituents on a semiannual basis. Monitor well MW-13B remained in assessment monitoring until a statistical exceedance of the groundwater protection standard (GWPS) was reported for VOCs for the June 2004 monitoring event. The exceedance of the GWPS initiated corrective action monitoring for well MW-13B. The TCEQ was notified of the exceedance and the initiation of corrective action monitoring for well MW-13B in correspondence dated July 29, 2004. In accordance with applicable regulation, installation of a monitoring well in the direction of potential contaminant migration was required. Pursuant to this requirement, MW-CA1 was installed on August 19, 2004. The well was subsequently sampled for assessment constituents during September 2004. Assessment monitoring of MW-CA1 reported no concentrations of VOCs above their respective reporting limits. Documentation referencing the installation details for MW-CA1 was forwarded to the TCEQ on September 14, 2004.

Following completion of the assessment of corrective measures a report titled *Report on Assessment of Corrective Measures and Selection of Remedy* was forwarded to the TCEQ. This report, dated March 23, 2005, indicated that landfill gas was the likely source of the VOCs reported for MW-13B. Additionally, the report detailed a remedy that included the installation of a passive vent trench system to interrupt the landfill gas migration in the area of MW-13B. The remedy was approved in TCEQ correspondence dated May 13, 2005. Subsequently, necessary permit modifications to allow the installation of the trench system and an additional gas monitoring probe were approved by the TCEQ. Following approval of the remedy, VOCs reported for MW-13B have diminished to a single compound (cis-1,2-dichloroethylene) with concentrations currently at or below the reporting limit (5 µg/L). Additionally, it should be noted that VOCs have not been detected in MW-CA1 for any monitoring event.

Monitor Well MW-20

The results of the June 2004 monitoring event for MW-20 reported nitrate at a concentration of 0.67 mg/L. Statistical analyses demonstrated an apparent SSI for this constituent for the June 2004 event. On June 29, 2004 the TCEQ was notified of an SSI for nitrate concentrations in monitor well MW-20. Following verification of the reported value, an ASD was prepared for the reported SSI. The ASD was approved in TCEQ correspondence dated November 23, 2004. Based on the TCEQ correspondence monitor well MW-20 remained in detection monitoring.

Monitor Well MW-14

Upgradient monitor well MW-14 reported 1,1-dichloroethane at a concentration of 6.10 µg/L for the November 2005 monitoring event. Verification resampling performed during January 2006 did not confirm the reported value. During the next monitoring event (May 2006),well MW-14 again reported 1,1-dichloroethane at a concentration of 6.78 µg/L. Verification resampling performed during August 2006 confirmed the reported value. Based on TCEQ correspondence, MW-14 was sampled for the full list of assessment constituents during December of 2006. Mercury was the only assessment list constituent detected for the monitoring event. In accordance with applicable regulations, background sampling for mercury was performed. Mercury is currently sampled concurrent with regularly scheduled monitoring events. 1,1-Dichloroethane has been sporadically reported since the initial detection and is likely associated with landfill gas migration.

Other SSIs

Dissolved metals including arsenic, barium, cadmium, chromium, nickel, and selenium have been consistently reported at detectable concentrations during both detection and background monitoring. In correspondence dated March 12, 1999 the TNRCC requested a discussion of elevated cadmium concentrations reported for monitor wells MW-12A, -14, and -15. In response to this request a report titled *Report on Cadmium in Groundwater* was forwarded to the TNRCC on May 26, 1999. The report presented documentation of a natural source for cadmium and other metals reported for monitoring wells at the facility. The report described occurrence of lignite in the shallow subsurface. The report further demonstrated how weathering (oxidation) of this naturally occurring lignite can release significant concentrations of metals into the groundwater. Approval of the report was provided in correspondence dated June 28, 1999. As the conditions related to the oxidation of the lignite in the shallow subsurface have not changed, the ASD remains both applicable and relevant to the evaluation of groundwater quality at the facility.

Migration of landfill gas appears to have resulted in detectable VOC concentrations in monitor wells MW-13B and MW-14. Current remediation efforts have reduced the concentrations of these constituents to near non-detect levels. These efforts will continue in accordance with applicable regulatory requirements. In addition, reported concentrations of metals have been shown to be related to naturally occurring sources. Therefore, there is no indication of groundwater contamination at the facility resulting from a release of leachate from the waste cells.

~~Based upon the information presented herein, there is no evidence that groundwater at Angelina County Waste Management Center has been impacted by a release of contaminants.~~

The following exhibits are included as part of this Groundwater Characterization Report:

EXHIBIT No.

8.1 Historical Groundwater Data III-5-9
8.2 Topographic Map showing ACWMC Permit Boundary III-5-29
8.3 Site Map Showing Proposed Groundwater Monitoring System ~~of ACWMC showing Location of Monitor Wells~~ III-5-30
8.3.1 Groundwater Contour Map, Uppermost Aquifer, 1996 Average Water Levels III-5-30A
8.3.2 Groundwater Contour Map, Uppermost Aquifer, 1997 Average Water Levels III-5-30B
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8.3.13 Monitor Well Construction Details III-5-30M
8.4 Cadmium and Mercury in Ground Water III-5-31
8.5 Summary of Detected Cadmium and Mercury in Groundwater III-5-32
8.6 Range of Standard, Duplicate, & Spike Recovery (%) III-5-33
8.7 Tabulation of Water Level Measurements III-5-33A

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Water Level Elevations (feet, msl)

Monitor Well	02/07/96	05/09/96	08/12/96	11/07/96	02/06/97	05/07/97	08/04/97	11/10/97	05/05/98	11/09/98	05/06/99	11/02/99	05/09/00	11/06/00	05/08/01	11/13/01	08/13/02
MW-1B	269.28	267.58	269.69	269.91	269.64	269.61	269.00	270.60	270.36	269.49	270.90	270.39	271.07	271.46	271.14	271.10	271.28
MW-2	276.24	274.80	274.90	274.70	274.48	274.28	274.32	274.28	274.10	274.10	274.05	—	—	—	274.09	274.56	274.72
MW-3	269.93	269.04	269.93	269.63	269.87	269.61	270.42	270.04	269.76	269.82	269.82	269.30	269.87	269.28	269.28	269.68	269.68
MW-4	269.66	269.74	268.87	269.04	269.07	261.30	269.80	269.82	261.30	269.61	261.12	269.62	269.88	269.34	261.03	269.67	269.65
MW-5	268.87	267.12	268.22	268.32	269.77	269.22	269.06	267.95	268.60	268.82	269.10	269.04	267.24	269.40	269.04	267.69	269.20
MW-12A	277.96	277.27	277.10	277.24	277.28	277.71	277.73	277.85	278.32	277.96	278.30	277.32	278.45	278.98	278.32	278.12	278.66
MW-13B	270.95	270.62	270.59	271.77	271.13	271.10	271.44	271.64	271.99	271.93	272.03	270.10	272.01	273.28	273.13	268.18	273.28
MW-14	280.61	280.87	280.98	280.47	280.66	280.43	280.60	280.80	281.07	280.88	281.27	280.46	280.91	279.40	280.41	280.43	280.45
MW-15A	274.87	275.47	275.63	276.30	276.43	276.22	276.94	276.36	276.06	276.50	276.95	276.17	276.79	274.91	276.37	276.36	276.30
MW-15B	271.03	270.67	270.91	270.01	270.63	270.67	270.03	271.00	271.42	271.00	271.98	271.36	272.01	271.38	271.05	272.04	272.13
MW-19	—	—	—	280.29	280.30	280.44	280.69	280.09	279.02	280.95	279.25	268.06	279.08	271.17	279.73	279.67	279.09
MW-20	—	—	—	280.01	266.37	283.60	285.04	287.30	284.27	287.81	284.97	287.44	284.97	286.98	288.88	287.98	288.82
MW-CA1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Monitor Well	11/06/02	05/20/03	11/10/03	06/01/04	09/07/04	11/08/04	05/02/05	11/07/05	01/03/06	06/31/06	08/14/06	11/07/06	02/14/07	05/02/07	08/27/07	11/07/07
MW-1B	271.69	271.66	271.49	271.96	272.08	271.61	272.00	272.03	272.38	272.27	272.38	272.33	272.98	272.06	272.52	272.20
MW-2	274.97	274.60	276.16	274.62	276.14	274.89	276.44	—	—	—	—	—	—	—	—	—
MW-3	270.21	269.62	269.60	270.49	271.03	270.22	270.08	269.30	268.77	268.66	269.32	268.97	267.63	268.04	268.98	268.09
MW-4	269.23	269.71	269.16	269.24	269.28	269.09	269.70	269.79	269.60	269.90	269.25	269.47	269.62	269.10	269.07	269.10
MW-5	267.57	269.14	267.27	268.80	269.93	269.27	269.06	268.92	268.07	268.96	269.20	269.42	267.14	267.07	268.00	267.44
MW-12A	278.62	278.97	278.50	278.60	279.57	279.08	279.56	278.69	278.67	279.23	277.97	277.96	279.74	279.11	279.21	278.03
MW-13B	273.49	273.50	273.41	274.31	274.28	273.09	274.45	274.50	274.00	274.51	274.40	274.09	274.38	274.98	275.04	275.03
MW-14	280.89	280.36	280.25	280.76	280.70	280.46	280.06	280.91	281.31	281.04	281.09	281.18	281.11	281.20	281.10	280.88
MW-15A	276.71	276.51	274.38	276.91	276.70	274.90	276.00	276.70	276.26	276.07	276.97	276.98	276.80	270.22	276.01	276.54
MW-15B	272.58	272.46	272.00	272.80	272.58	272.01	272.88	273.04	273.40	273.27	273.91	273.37	273.39	273.94	273.61	273.14
MW-19	271.28	271.10	271.14	271.68	271.74	271.30	271.57	271.70	272.18	272.01	272.02	272.08	272.07	272.46	272.34	271.92
MW-20	280.02	280.80	280.92	280.04	280.10	280.81	280.48	287.70	280.86	283.81	286.48	287.07	284.71	284.71	286.24	280.04
MW-CA1	—	—	—	—	271.46	271.31	271.83	271.73	272.16	272.03	271.90	272.20	272.80	272.40	272.36	272.14

Section 3

ANGELINA COUNTY WASTE MANAGEMENT CENTER
ANGELINA COUNTY, TEXAS
MSW PERMIT NO. 2105A

PART III - SITE DEVELOPMENT PLAN
ATTACHMENT 5
GROUNDWATER CHARACTERIZATION REPORT

Modification
FOR COMPLIANCE WITH 30 TAC CHAPTER 330 SUBCHAPTER J

Prepared for:

Angelina County Waste Management Center
P.O. Box 1862
Lufkin, TX 75902-1862

March 2008

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Senior Hydrogeologist

Leonell N. Scarborough, P.G.
Hydrogeologist

Hydrex Environmental, Inc.
1120 NW Stallings Drive
Nacogdoches, Texas

Certification of Groundwater Monitoring System Design

Angelina County Waste Management Center
MSW Permit No. 2105A
Angelina County, Texas

I certify that the design of the groundwater monitoring system described herein meets the requirements of 30 TAC §330.403. I further certify that I am a qualified groundwater scientist as defined in 30 TAC §330.3.

STATE OF TEXAS
GLEN A. COLLIER
GEOLOGY
25
LICENSED
PROFESSIONAL GEOSCIENTIST

Glen A. Collier, P.G.
Senior Hydrogeologist

3-18-08
Date

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3	SITE HYDROGEOLOGICAL CONDITIONS	III-5-3
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9.1	Initial Groundwater Characterization Report	III-5-35

Hydrex Environmental, Inc. has been contracted by Angelina County Waste Management Center to provide a groundwater characterization report for the landfill site of the Angelina County Waste Management Center.

This Groundwater Characterization Report is based on a historical review of previous investigations and groundwater monitoring activities at the site. Previous studies that provide the basis of the information presented herein include:

- Groundwater Monitoring Reports and Laboratory Analytical Reports (monitoring conducted September 1992 through November 2007.
- Report of Monitor Well Installation, Angelina County Landfill, 114.5-Acre Tract; Pickett-Jacobs Consultants, Inc.; May 26, 1992.
- Supplement No. 1 to Monitor Well Installation, Angelina County Waste Management Center, 114.5-Acre Tract; Pickett-Jacobs Consultants, Inc.; November 2, 1994.
- Supplement No. 2 to Monitor Well Installation, Angelina County Waste Management Center, 114.5-Acre Tract; Pickett-Jacobs Consultants, Inc.; February 24, 1995.
- Initial Groundwater Characterization Report, Angelina County Waste Management Center, 114.5-Acre Tract; Hydrex Environmental, Inc.; December 1, 1995.
- Report on Cadmium in Groundwater, Angelina County Waste Management Center, Hydrex Environmental, Inc.; May 26, 1999.
- Applicability of a May 26, 1999 Alternate Source Demonstration (ASD) for Metals in Groundwater, Angelina County Waste Management Center, December 5, 2007.

Previous groundwater monitoring at the Angelina County Waste Management Center consisted of quarterly sampling and analysis of all monitoring wells for TNRCC parameters Groups 1 through 4. Exhibit 8.1 is a tabulation of the results of all previous laboratory testing of groundwater at the site.

Background monitoring for Subtitle D parameters was initiated in February 1996. Eight samples were collected and analyzed quarterly over a two year period to establish background values for the required parameters. The last of eight background monitoring events for the first wells installed was conducted in November 1997. Since that time, detection monitoring has been on-going on a semiannual basis.

Results of all background and detection monitoring events from wells at Angelina County Waste Management Center are tabulated on pages III-5-28-1 through III-5-28-71in Exhibit 8.1.

A delineation of the Angelina County Waste Management Center property boundary is shown on Exhibit 8.2. The site point of compliance and groundwater monitoring system are presented on Exhibit 8.3. A potentiometric surface map of the uppermost water-bearing zone, which reflects conditions in November 1995, is found as Exhibit 4-13 in Attachment 4.

Groundwater contour maps of the uppermost aquifer were produced using averaged annual water levels measured in wells during groundwater monitoring events. The groundwater contour maps are found as Exhibit 8.3.1 through 8.3.12. Tabulated water level measurements are found as Exhibit 8.7.

Groundwater conditions for Angelina County Waste Management Center are described in detail in the Initial Groundwater Characterization Report, Angelina County Waste Management Center; Hydrex Environmental, Inc.; December 1, 1995, which is included as Appendix I of Attachment 5.

The current certified groundwater monitoring system for the site consists of monitor wells MW-1B, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-10, MW-11, MW-12A, MW-13B, MW-14, MW-15A, MW-15B, MW-18, and MW-20. Monitor wells MW-6, -7, -10, and -11 are Tract 2 wells and currently warehoused pending site development in that area of the facility.

In the groundwater system proposed herein, monitor well MW-2, which has not had sufficient water volume for sampling since 1996, will be plugged and abandoned. Monitor wells MW-1B and MW-15B, which do not monitor the uppermost aquifer but are completed in the "deep" water -bearing zone, will also be plugged and abandoned. Three additional wells (MW-4, MW-20, and MW-7) will be eliminated as the distances between wells are adjusted to comply with spacing requirements. Plugging and abandonment activities and reporting will be done in accordance with applicable regulations.

The final system will consist of sixteen wells. Point of compliance wells will be spaced at approximate six-hundred foot intervals downgradient of the waste management area. All wells will be screened in the uppermost aquifer and will serve to effectively detect a release should the facility's liner system be compromised. A map showing the locations of the wells is included as Exhibit 8.3.

All wells will be constructed according to the specifications outlined in 30 TAC §330.421. Typical monitor well construction specifications are included as Exhibit 8.3.13. Groundwater monitoring system installation will be certified by a qualified groundwater scientist as defined in 30 TAC §330.3.

Installation of monitor wells MW-21, MW-22, MW-23, and MW-24 and plugging of wells MW-1B, MW-2, MW-4, MW-7, MW-15B, and MW-20 will occur following approval of the revised groundwater monitoring system design. Subsequently, groundwater monitoring will be initiated for the new wells at the next regularly scheduled groundwater monitoring event. Monitoring of wells MW-6, MW-10, MW-11, MW-25, and MW-26 will commence prior to placement of the first waste in Tract 2. Waste disposal areas are depicted along with monitor well locations on Exhibit 8.3.

The following table summarizes the proposed groundwater monitoring system for Angelina County Waste Management Center.

Proposed Monitoring System			
Well	Status	Aquifer	Remarks
MW-3	Existing	uppermost	Downgradient Tract 1
MW-5	Existing	uppermost	Downgradient Tract 1
MW-6	Existing	uppermost	Downgradient at Tract 2
MW-10	Existing	uppermost	Upgradient at Tract 2
MW-11	Existing	uppermost	Upgradient at Tract 2
MW-12A	Existing	uppermost	Downgradient Tract 1
MW-13B	Existing	uppermost	Downgradient Tract 1
MW-14	Existing	uppermost	Upgradient well
MW-15A	Existing	uppermost	Downgradient Tract 1
MW-18	Existing	uppermost	Downgradient Tract 1
MW-21	planned	uppermost	Downgradient Tract 1
MW-22	planned	uppermost	Downgradient Tract 1
MW-23	planned	uppermost	Downgradient Tract 1
MW-24	planned	uppermost	Downgradient Tract 1
MW-25	planned	uppermost	Downgradient Tract 2
MW-26	planned	uppermost	Downgradient Tract 2

From September 1992 to January 1994, four samples were collected and analyzed for TNRCC parameters Groups 1 through 4. Of the hazardous constituents listed in Table I of TAC 330.200, five (barium, nitrate, fluoride, cadmium, and mercury,) were reported as detectable in the groundwater monitoring events.

Nitrate was detected in several of the wells during past monitoring events. Concentrations ranged up to 0.9 mg/L, which is significantly lower than the MCL of 10 mg/L. The nitrate concentrations are not considered to result from a release of contaminants from the facility.

During past monitoring events, all monitor wells have been reported to contain detectable concentrations of barium. Barium was reported in concentrations up to 0.9 mg/L. No barium was detected in excess of the 1.0 mg/L MCL for the metal. The reported barium levels are assumed to represent naturally occurring background at the site.

Fluoride was detected in concentrations up to 1.4 mg/L. Laboratory reports indicate that the detectable fluoride is relatively consistent with respect to concentration and occurrence. No fluoride was reported in excess of the MCL of 4.0 mg/L. These low levels of fluoride are assumed to represent naturally occurring background concentrations.

Mercury greater than or equal to the MCL of 0.002 mg/L was reported for five wells (MW-1, MW-5, MW-7, MW-8, and MW-14). Cadmium greater than or equal to the MCL of 0.01 mg/L was reported for two wells (MW-14 and MW-15A). None of the wells were reported to contain elevated concentrations of mercury for all four monitoring events. A single well, MW-15A, was reported to contain cadmium equal to or exceeding the MCL for all four events. Exhibit 8.4 shows reported concentrations and MCLs for the two parameters. Exhibit 8.5 summarizes the reported elevated occurrences of mercury and cadmium.

A review of the analytical reports and laboratory Quality Assurance/Quality Control data suggests that reported values for cadmium and mercury are suspect. Exhibit 8.6 summarizes relevant QA/QC data for each respective sampling event. The ranges of recovery, many of which exceed the accepted variance of 10%, are taken from laboratory QA/QC reports for those samples reported to contain elevated mercury or cadmium. In addition, the field blank for the monitoring event on April 1992, was reported to contain 0.001 mg/L mercury. A review of other water quality indicators does not suggest a release of contaminants to the groundwater. Based upon these factors, the validity of the analytical data is questionable.

Collection of background under Subtitle D was performed between February 1996 and August 1998. Background monitoring was completed for monitor wells MW-1B, -3, -4, -5, -12A, -13B, -14, -15A, and -15B in November 1997 and for monitor wells MW-18 and -20 in August 1998. Monitor well MW-2 repeatedly demonstrates insufficient water for sampling. Therefore, background for volatile organic compounds (VOCs) in MW-2 was not completed until May 2005 and background monitoring for the remaining detection monitoring list has not been completed. As with pre-subtitle D monitoring (Exhibit 8.1), Subtitle D background monitoring results indicate the presence of numerous dissolved metals in wells of the current monitoring system. Dissolved metals reported for background monitoring events included arsenic, barium, cadmium, chromium, nickel, and selenium. Monitor well MW-18 was the only monitoring well that did not report concentrations of dissolved metals above their respective reporting limit. Concentrations of nitrate were reported for all wells of the current monitoring system during background monitoring. All concentrations of

nitrate reported during background monitoring were less than 1 mg/L. No VOCs were reported for any well during background monitoring activities. Results of Subtitle D background and detection monitoring are included as pages III-5-28-1 through III-5-28-71 in Exhibit 8.1

Subsequent to completion of background monitoring, detection monitoring has been conducted on a semiannual basis for the parameters listed in the facility's GWSAP. Statistical analysis of the data collected during the detection monitoring events is performed in accordance with the GWSAP and applicable regulations. Statistical analysis has reported numerous statistically significant changes (SSCs) and/or statistically significant increases (SSIs) in concentration for various constituents during detection monitoring. Where an SSI is indicated, assessment monitoring or an Alternate Source Demonstration (ASD) may be required. A discussion of SSIs reported for detection monitoring results that resulted in assessment monitoring or an ASD is presented below. The SSIs are addressed on a per well basis.

Monitor Well MW-13B

The results of the November 1998 detection monitoring event reported cis-1,2-dichloroethylene in monitor well MW-13B at a concentration of 12.8 µg/L. Verification resampling confirmed the reported concentration and assessment monitoring for MW-13B was initiated February 1999. The assessment monitoring included sampling and analysis for the complete list of constituents found in Appendix II of 40 CFR part 258 (assessment constituents) and those listed on the facility's approved alternative detection monitoring list. The results of the assessment monitoring reported no new assessment constituents. Subsequent TNRCC correspondence approved assessment monitoring for detection monitoring constituents on a semiannual basis. Monitor well MW-13B remained in assessment monitoring until a statistical exceedance of the groundwater protection standard (GWPS) was reported for VOCs for the June 2004 monitoring event. The exceedance of the GWPS initiated corrective action monitoring for well MW-13B. The TCEQ was notified of the exceedance and the initiation of corrective action monitoring for well MW-13B in correspondence dated July 29, 2004. In accordance with applicable regulation, installation of a monitoring well in the direction of potential contaminant migration was required. Pursuant to this requirement, MW-CA1 was installed on August 19, 2004. The well was subsequently sampled for assessment constituents during September 2004. Assessment monitoring of MW-CA1 reported no concentrations of VOCs above their respective reporting limits. Documentation referencing the installation details for MW-CA1 was forwarded to the TCEQ on September 14, 2004.

Following completion of the assessment of corrective measures a report titled *Report on Assessment of Corrective Measures and Selection of Remedy* was forwarded to the TCEQ. This report, dated March 23, 2005, indicated that landfill gas was the likely source of the VOCs reported for MW-13B. Additionally, the report detailed a remedy that included the installation of a passive vent trench system to interrupt the landfill gas migration in the area of MW-13B. The remedy was approved in TCEQ correspondence dated May 13, 2005. Subsequently, necessary permit modifications to allow the installation of the trench system and an additional gas monitoring probe were approved by the TCEQ. Following approval of the remedy, VOCs reported for MW-13B have diminished to a single compound (cis-1,2-dichloroethylene) with concentrations currently at or below the reporting limit (5 µg/L). Additionally, it should be noted that VOCs have not been detected in MW-CA1 for any monitoring event.

Monitor Well MW-20

The results of the June 2004 monitoring event for MW-20 reported nitrate at a concentration of 0.67 mg/L. Statistical analyses demonstrated an apparent SSI for this constituent for the June 2004 event. On June 29, 2004 the TCEQ was notified of an SSI for nitrate concentrations in monitor well MW-20. Following verification of the reported value, an ASD was prepared for the reported SSI. The ASD was approved in TCEQ correspondence dated November 23, 2004. Based on the TCEQ correspondence monitor well MW-20 remained in detection monitoring.

Monitor Well MW-14

Upgradient monitor well MW-14 reported 1,1-dichloroethane at a concentration of 6.10 µg/L for the November 2005 monitoring event. Verification resampling performed during January 2006 did not confirm the reported value. During the next monitoring event (May 2006),well MW-14 again reported 1,1-dichloroethane at a concentration of 6.78 µg/L. Verification resampling performed during August 2006 confirmed the reported value. Based on TCEQ correspondence, MW-14 was sampled for the full list of assessment constituents during December of 2006. Mercury was the only assessment list constituent detected for the monitoring event. In accordance with applicable regulations, background sampling for mercury was performed. Mercury is currently sampled concurrent with regularly scheduled monitoring events. 1,1-Dichloroethane has been sporadically reported since the initial detection and is likely associated with landfill gas migration.

Other SSIs

Dissolved metals including arsenic, barium, cadmium, chromium, nickel, and selenium have been consistently reported at detectable concentrations during both detection and background monitoring. In correspondence dated March 12, 1999 the TNRCC requested a discussion of elevated cadmium concentrations reported for monitor wells MW-12A, -14, and -15. In response to this request a report titled *Report on Cadmium in Groundwater* was forwarded to the TNRCC on May 26, 1999. The report presented documentation of a natural source for cadmium and other metals reported for monitoring wells at the facility. The report described occurrence of lignite in the shallow subsurface. The report further demonstrated how weathering (oxidation) of this naturally occurring lignite can release significant concentrations of metals into the groundwater. Approval of the report was provided in correspondence dated June 28, 1999. As the conditions related to the oxidation of the lignite in the shallow subsurface have not changed, the ASD remains both applicable and relevant to the evaluation of groundwater quality at the facility.

Migration of landfill gas appears to have resulted in detectable VOC concentrations in monitor wells MW-13B and MW-14. Current remediation efforts have reduced the concentrations of these constituents to near non-detect levels. These efforts will continue in accordance with applicable regulatory requirements. In addition, reported concentrations of metals have been shown to be related to naturally occurring sources. Therefore, there is no indication of groundwater contamination at the facility resulting from a release of leachate from the waste cells.

The following exhibits are included as part of this Groundwater Characterization Report:

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STATE OF TEXAS
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Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-1B																
Date	Specific Conductance (umho/cm)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
02/07/96	3020	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.80	187	860	<0.05	40.0	11.6
05/09/96	2890	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.87	179	688	0.09	43.2	13.6
08/14/96	3030	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.76	176	623	<0.05	39.8	15.2
11/06/96	2780	20.5	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.63	168	635	<0.05	42.6	10.3
02/06/97	2820	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.92	195	627	0.06	55.6	12.0
05/07/97	2550	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.77	190	656	0.21	44.1	15.4
08/06/97	2810	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	1.06	178	622	0.10	41.6	0.28
11/12/97	2170	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.81	238	632	0.28	50.3	13.8
05/06/98	1950	20.5	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.90	184	641	<0.05	41.6	16.7
11/10/98	2940	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.90	170	641	0.88	45.1	15.9
05/06/99	2990	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	1.10	204	651	0.85	53.7	12.4
11/03/99	2800	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.64	174	675	0.64	45.3	15.6
05/10/00	2850	23.0	<5.0	377	<1.0	<30	<20	<5.0	<20	<5.0	0.61	189	641	0.55	45.2	14.9
11/07/00	2940	23.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.65	176	618	0.09	41.4	13.5
05/09/01	3110	22.2	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.48	178	673	0.17	46.4	13.3
11/14/01	3220	20.8	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.38	192	672	0.14	58.5	14.6
05/14/02	3600	21.9	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.36	172	634	0.42	59.3	16.3
11/06/02	2780	19.9	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.57	170	665	<0.05	54.4	15.9
05/21/03	2790	20.7	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.68	204	640	0.08	52.9	14.0
11/11/03	3276	21.1	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.45	183	665	0.10	50.9	16.8
06/01/04	3200	22.6	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.23	192	632	1.84	44.1	16.3
11/08/04	3255	23.8	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.35	174	604	1.97	47.2	14.4
05/02/05	3311	23.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.11	200	670	2.04	55.5	15.4
11/07/05	3292	23.1	<5.00	<500	<1.00	<30	<20	<5.00	<20	<5.00	0.56	196	617	1.79	48.6	13.5
05/31/06	3326	21.5	<5.00	<500	<1.00	<30	<20	<5.00	<20.0	<5.00	0.68	220	689	2.00	53.3	15.0
08/14/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	2940	22.3	<5	<500	<1	<30	<20	<5	<5	<5	0.73	190	641	2.15	49.9	16.4
02/14/07	2925	16.6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/07	2972	22.6	<5.00	63.0	<1	<1	<5	<1.00	<5	<5	0.54	204	639	2.41	51.9	18.0
08/27/07	3464	27.9	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/07	3437	21.3	<5	65.0	<1	<1	<5	<1	5.00	<5	0.85	180	660	2.30	45.0	15.0

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-1B																
Date	Nitrate (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Total Alkalinity as CaCO3 (mg/L)	pH (std units)	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Copper (ug/L)	Lead (ug/L)	Nickel (ug/L)
02/07/96	<0.05	507	328	1800	380	6.57	–	–	–	–	–	–	–	–	–	–
05/09/96	<0.05	501	380	1810	368	6.29	–	–	–	–	–	–	–	–	–	–
08/14/96	<0.05	416	334	1940	408	6.38	–	–	–	–	–	–	–	–	–	–
11/06/96	<0.05	449	233	1970	368	6.69	–	–	–	–	–	–	–	–	–	–
02/06/97	<0.05	446	380	2060	380	6.87	–	–	–	–	–	–	–	–	–	–
05/07/97	0.09	440	323	1970	376	6.81	–	–	–	–	–	–	–	–	–	–
08/06/97	0.13	421	313	1960	422	6.55	–	–	–	–	–	–	–	–	–	–
11/12/97	0.07	418	358	1920	386	6.63	–	–	–	–	–	–	–	–	–	–
05/06/98	0.09	408	349	2030	376	6.67	–	–	–	–	–	–	–	–	–	–
11/10/98	<0.05	456	360	2000	380	6.77	–	–	–	–	–	–	–	–	–	–
05/06/99	0.29	408	347	2010	392	6.85	–	–	–	–	–	–	–	–	–	–
11/03/99	<0.05	466	275	2150	332	6.85	–	–	–	–	–	–	–	–	–	–
05/10/00	0.08	457	324	1900	392	7.30	–	–	–	–	–	–	–	–	–	–
11/07/00	<0.05	413	323	1910	368	6.87	–	–	–	–	–	–	–	–	–	–
05/09/01	0.23	389	286	2000	336	7.25	–	–	–	–	–	–	–	–	–	–
11/14/01	<0.05	374	390	1990	374	6.49	–	–	–	–	–	–	–	–	–	–
05/14/02	<0.05	465	347	2010	376	6.95	–	–	–	–	–	–	–	–	–	–
11/06/02	0.19	488	458	1940	398	6.65	–	–	–	–	–	–	–	–	–	–
05/21/03	<0.05	407	360	2120	296	7.06	–	–	–	–	–	–	–	–	–	–
11/11/03	<0.05	454	325	1950	386	6.84	–	–	–	–	–	–	–	–	–	–
06/01/04	<0.05	472	364	2030	390	6.98	–	–	–	–	–	–	–	–	–	–
11/08/04	<0.05	481	373	1880	380	6.92	–	–	–	–	–	–	–	–	–	–
05/02/05	<0.05	490	340	2000	384	7.02	–	–	–	–	–	–	–	–	–	–
11/07/05	<0.05	455	350	1860	397	6.77	–	–	–	–	–	–	–	–	–	–
05/31/06	<0.05	456	387	2040	374	6.58	–	–	–	–	–	–	–	–	–	–
08/14/06	–	–	–	–	–	–	<5	<5.00	59.0	<1	<1	<1	<1	<5	<5	<5
11/07/06	<0.05	524	387	1970	398	6.41	<5	<5.00	62.0	<1	<1	1.00	<1	<5	<5	<5
02/14/07	–	–	–	–	–	8.48	<5	<5.00	59.0	<1	<1	1.00	<1	<5	<5	<5
05/02/07	<0.05	460	454	3020	381	6.63	<5	<5.00	62.0	<1	<1	<1	<1	<5	<1.00	<5
08/27/07	–	–	–	–	–	6.73	<5	<5.00	61.0	<1	<1	<1	<1	<5	<1.00	<5
11/07/07	<0.05	450	400	2000	380	6.64	<5	<5	66.0	<1	<1	1.00	1.00	<5	<1	5.90

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MW-1B					
Date	Selenium (ug/L)	Silver (ug/L)	Thallium (ug/L)	Vanadium (ug/L)	Zinc (ug/L)
02/07/96	–	–	–	–	–
05/09/96	–	–	–	–	–
08/14/96	–	–	–	–	–
11/08/96	–	–	–	–	–
02/06/97	–	–	–	–	–
05/07/97	–	–	–	–	–
08/06/97	–	–	–	–	–
11/12/97	–	–	–	–	–
05/06/98	–	–	–	–	–
11/10/98	–	–	–	–	–
05/06/99	–	–	–	–	–
11/03/99	–	–	–	–	–
05/10/00	–	–	–	–	–
11/07/00	–	–	–	–	–
05/09/01	–	–	–	–	–
11/14/01	–	–	–	–	–
05/14/02	–	–	–	–	–
11/06/02	–	–	–	–	–
05/21/03	–	–	–	–	–
11/11/03	–	–	–	–	–
06/01/04	–	–	–	–	–
11/08/04	–	–	–	–	–
05/02/05	–	–	–	–	–
11/07/05	–	–	–	–	–
05/31/06	–	–	–	–	–
08/14/06	<5	<5	<5	1.00	<5
11/07/06	<5	<5	<5	<1	<5
02/14/07	<5	<5	<1	<1	<5
05/02/07	<5	<5	<1	<1	<5
08/27/07	<5	<5	<1	<1	<5
11/07/07	<5	<5	<1	<1	6.50

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MW-1B																
Date	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Carbon disulfide (ug/L)	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Dibromochloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	o-Dichlorobenzene (ug/L)	p-Dichlorobenzene (ug/L)
02/07/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/14/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/10/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/99	32.2	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/03/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/10/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/14/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/14/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/01/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/02/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/31/06	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

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MW-1B																
Date	trans-1,4-Dichloro-2-butene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethylene (ug/L)	cis-1,2-Dichloro ethylene (ug/L)	trans-1,2-Dichloro ethylene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloro propene (ug/L)	trans-1,3-Dichloro propene (ug/L)	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Methyl bromide (ug/L)	Methyl chloride (ug/L)	Methylene bromide (ug/L)	Methylene chloride (ug/L)	Methyl ethyl ketone (ug/L)
02/07/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/09/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/14/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/10/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/03/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/10/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/09/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/14/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/14/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/06/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
06/01/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/02/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/31/06	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/06	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
05/02/07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
11/07/07	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-1B															
Date	Methylbenzene (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethylene (ug/L)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
02/07/95	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/09/95	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/14/95	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/06/95	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/10/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/03/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/10/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/09/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/14/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/14/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/06/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
06/01/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/09/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/02/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/31/06	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-2																
Date	Specific Conductance (mhos/cm)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
02/07/96	814	20.0	6.17	<500	<1	<30	<20	<5.0	<20	<5.0	<0.10	20.0	34.0	<0.05	3.90	1.19
05/09/96	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
08/14/96	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/06/96	610	23.5	12.3	<500	<1.0	<30	<20	<5.0	<20	<2.0	–	12.0	30.0	<0.05	2.72	1.62
02/07/97	468	20.0	–	–	–	–	–	–	–	–	<0.10	–	–	–	–	–
05/07/97	533	20.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–
08/06/97	664	25.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/12/97	673	20.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/06/98	491	21.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/10/98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/06/99	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/03/99	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/10/00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/09/01	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/14/01	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/14/02	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/02	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/21/03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/11/03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
06/02/04	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/09/04	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/05	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/05	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/30/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
08/14/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
02/14/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
08/27/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-2						
Date	Nitrate (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Total Alkalinity as CaCO3 (mg/L)	pH (std units)
02/07/96	0.18	165	93.2	550	282	6.57
05/09/96	–	–	–	–	–	–
08/14/96	–	–	–	–	–	–
11/06/96	<0.05	122	55.6	432	206	6.21
02/07/97	–	–	–	–	–	6.54
05/07/97	–	–	–	–	–	6.30
08/05/97	–	–	–	–	–	6.21
11/12/97	–	–	–	–	–	5.97
05/06/98	–	–	–	–	–	6.02
11/10/98	–	–	–	–	–	–
05/06/99	–	–	–	–	–	–
11/03/99	–	–	–	–	–	–
05/10/00	–	–	–	–	–	–
11/07/00	–	–	–	–	–	–
05/09/01	–	–	–	–	–	–
11/14/01	–	–	–	–	–	–
05/14/02	–	–	–	–	–	–
11/06/02	–	–	–	–	–	–
05/21/03	–	–	–	–	–	–
11/11/03	–	–	–	–	–	–
06/02/04	–	–	–	–	–	–
11/09/04	–	–	–	–	–	–
05/02/05	–	–	–	–	–	–
11/07/05	–	–	–	–	–	–
05/30/06	–	–	–	–	–	–
08/14/06	–	–	–	–	–	–
11/07/06	–	–	–	–	–	–
02/14/07	–	–	–	–	–	–
05/02/07	–	–	–	–	–	–
08/27/07	–	–	–	–	–	–
11/07/07	–	–	–	–	–	–

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-2																
Date	Acetone (µg/L)	Acrylonitrile (µg/L)	Benzene (µg/L)	Bromochloro methane (µg/L)	Bromodichloro methane (µg/L)	Bromoform (µg/L)	Carbon disulfide (µg/L)	Carbon tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Dibromochloro methane (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	o-Dichlorobenzene (µg/L)	p-Dichlorobenzene (µg/L)
02/07/96	<20	<10	<5	<5	<5	<5	<5	<5	<5	<20	<5	<5	<5	<5.0	<5	<5
11/06/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/10/98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/06/99	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/03/99	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/10/00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/09/01	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/14/01	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/14/02	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/06/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
06/02/04	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/09/04	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/05	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/30/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-2																
Date	trans-1,4-Dichloro-2-butene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethylene (ug/L)	cis-1,2-Dichloro ethylene (ug/L)	trans-1,2-Dichloro ethylene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloro propene (ug/L)	trans-1,3-Dichloro propene (ug/L)	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Methyl bromide (ug/L)	Methyl chloride (ug/L)	Methylene bromide (ug/L)	Methylene chloride (ug/L)	Methyl ethyl ketone (ug/L)
02/07/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<20	<50	<5	<5	<20
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/10/98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/08/99	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/03/99	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/10/00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/09/01	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/14/01	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/14/02	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/06/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
06/02/04	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/09/04	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/05	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/30/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-2															
Date	Methyl ketone (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethylene (ug/L)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
02/07/96	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
11/06/66	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/10/98	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/06/99	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/03/99	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/10/00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/00	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/09/01	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/14/01	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/14/02	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/06/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
06/02/04	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/09/04	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/05	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/30/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-3																
Date	Specific Conductance (umhos/cm)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
02/07/96	2950	20	<5.0	<500	<1.0	<30	<20	<5.0	<20	6.93	0.22	114	437	<0.05	26.0	3.60
05/09/96	2820	20	<5.0	<500	<1.0	<30	<20	<5.0	<20	7.30	<0.10	113	405	<0.05	29.2	5.10
08/14/96	2920	21	5.30	<500	<1.0	<30	<20	<5.0	<20	12.3	<0.10	88.0	393	<0.05	27.0	6.10
11/06/96	2660	23	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	99.2	316	<0.05	25.5	3.86
02/06/97	2540	20	<5.0	<500	<1.0	<30	<20	<5.0	<20	5.30	<0.10	131	412	<0.05	37.1	4.40
05/07/97	2310	20	<5.0	<500	<1.0	<30	<20	<5.0	<20	14.4	<0.10	89.0	406	<0.05	24.4	5.20
08/06/97	2300	26	<5.0	<500	<1.0	<30	<20	<5.0	<20	15.3	<0.10	99.0	415	<0.05	24.7	3.81
11/12/97	2210	20	5.20	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	118	410	<0.05	29.3	5.30
05/06/98	1847	20	8.30	<500	<1.0	<30	<20	<5.0	<20	8.70	<0.10	104	410	<0.05	24.8	4.90
11/10/98	2870	24	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	114	395	<0.05	27.4	6.01
05/06/99	2890	19	5.35	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.16	107	410	<0.05	31.1	5.16
11/03/99	2668	24	5.03	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	102	437	0.08	27.6	6.01
05/10/00	2670	22	6.20	414	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	107	394	<0.03	26.2	5.38
11/07/00	2840	25	6.60	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	99.2	348	<0.05	32.4	5.90
05/09/01	2930	21.2	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	102	426	<0.05	28.4	5.24
11/14/01	3030	22.5	5.68	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	126	384	<0.05	35.8	6.07
05/14/02	3100	20.1	<5.0	<500	<1.0	<30	<20	<5.0	<20	8.56	<0.05	84.8	404	<0.05	24.6	5.57
11/06/02	2570	22.4	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	102	396	<0.05	30.4	5.92
05/21/03	2570	19.7	<5.00	<500	<1.0	<30	<20	<5.0	<20	5.48	<0.05	108	393	<0.05	26.3	5.16
11/11/03	2775	23	6.42	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	99.4	356	<0.05	28.5	6.27
06/01/04	2814	21.6	6.00	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	88.2	406	<0.05	23.9	4.97
11/09/04	2752	21.38	5.14	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	86.6	413	0.10	22.7	5.36
05/03/05	2710	17.38	7.56	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	91.4	447	<0.05	25.6	4.56
11/08/05	2711	24.17	<5.00	<500	<1.00	<30	<20	<5.00	<20	<5.00	<0.05	85.8	384	<0.05	23.5	5.37
05/31/06	2755	22.32	5.62	<500	<1.00	<30	<20	<5.00	<20.0	<5.00	<0.05	92.2	413	<0.05	29.2	5.78
08/14/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/06/06	2428	22.81	<5	<500	<1	<30	<20	<5	<5	<5	<0.05	86.1	382	<0.05	24.2	7.54
02/14/07	2400	15.59	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/07	2421	23.33	<5.00	73.0	<1	<1	<5	<1.00	10.0	<5	<0.05	106	374	0.01	25.4	5.96
08/27/07	2772	27.45	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/07	2749	21.26	6.00	74.0	<1	<1	<5	<1	7.00	<5	<0.05	80.0	370	<0.05	22.0	5.20

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MW-3																
Date	Nitrate (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Total Alkalinity as CaCO3 (mg/L)	pH (std units)	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Copper (ug/L)	Lead (ug/L)	Nickel (ug/L)
02/07/96	0.41	621	560	1830	546	6.55	–	–	–	–	–	–	–	–	–	–
05/09/96	<0.05	598	483	1760	546	6.24	–	–	–	–	–	–	–	–	–	–
08/14/96	0.19	494	314	1768	540	6.23	–	–	–	–	–	–	–	–	–	–
11/06/96	<0.05	528	327	1740	582	6.67	–	–	–	–	–	–	–	–	–	–
02/06/97	<0.05	540	415	2030	541	6.78	–	–	–	–	–	–	–	–	–	–
05/07/97	0.16	483	349	1710	544	6.43	–	–	–	–	–	–	–	–	–	–
08/06/97	0.22	452	257	1670	564	6.81	–	–	–	–	–	–	–	–	–	–
11/12/97	0.18	491	421	1750	550	6.57	–	–	–	–	–	–	–	–	–	–
05/06/98	0.25	490	301	1980	548	6.68	–	–	–	–	–	–	–	–	–	–
11/10/98	<0.05	556	443	1930	538	6.79	–	–	–	–	–	–	–	–	–	–
05/06/99	0.18	495	374	2020	570	6.73	–	–	–	–	–	–	–	–	–	–
11/03/99	<0.05	568	353	1860	476	6.77	–	–	–	–	–	–	–	–	–	–
05/10/00	0.08	556	384	1900	574	7.49	–	–	–	–	–	–	–	–	–	–
11/07/00	<0.05	586	459	1890	526	6.98	–	–	–	–	–	–	–	–	–	–
05/09/01	0.20	509	378	1960	528	7.17	–	–	–	–	–	–	–	–	–	–
11/14/01	<0.05	450	500	1880	536	7.53	–	–	–	–	–	–	–	–	–	–
05/14/02	<0.05	494	334	1730	540	6.99	–	–	–	–	–	–	–	–	–	–
11/06/02	0.28	559	456	1650	542	6.62	–	–	–	–	–	–	–	–	–	–
05/21/03	0.05	498	286	1660	548	7.35	–	–	–	–	–	–	–	–	–	–
11/11/03	0.11	539	377	1680	550	6.84	–	–	–	–	–	–	–	–	–	–
06/01/04	<0.05	553	300	1750	530	6.82	–	–	–	–	–	–	–	–	–	–
11/09/04	<0.05	509	243	1590	512	6.81	–	–	–	–	–	–	–	–	–	–
05/03/05	<0.05	524	205	1630	516	6.07	–	–	–	–	–	–	–	–	–	–
11/08/05	<0.05	509	120	1560	553	6.74	–	–	–	–	–	–	–	–	–	–
05/31/06	<0.05	513	309	1740	534	6.52	–	–	–	–	–	–	–	–	–	–
08/14/06	–	–	–	–	–	–	<5	<5.00	72.0	<1	<1	<1	<1	<5	<5	<5
11/08/06	<0.05	574	329	1700	560	6.54	<5	<5.00	75.0	<1	<1	1.00	<1	<5	<5	5.00
02/14/07	–	–	–	–	–	7.50	<5	6.69	71.0	<1	<1	1.00	<1	<5	<5	5.00
05/02/07	<0.05	500	393	1720	548	6.67	<5	6.74	73.0	<1	<1	<1	5.00	<5	<1.00	10.0
08/27/07	–	–	–	–	–	6.64	<5	6.33	71.0	<1	<1	<1	<1	<5	<1.00	<5
11/07/07	<0.05	510	300	1600	540	6.55	<5	6.00	75.0	<1	<1	1.60	1.10	<5	<1	7.50

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MW-3					
Date	Selenium (µg/L)	Silver (µg/L)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
02/07/96	--	--	--	--	--
05/09/96	--	--	--	--	--
08/14/96	--	--	--	--	--
11/06/96	--	--	--	--	--
02/06/97	--	--	--	--	--
05/07/97	--	--	--	--	--
08/06/97	--	--	--	--	--
11/12/97	--	--	--	--	--
05/06/98	--	--	--	--	--
11/10/98	--	--	--	--	--
05/06/99	--	--	--	--	--
11/03/99	--	--	--	--	--
05/10/00	--	--	--	--	--
11/07/00	--	--	--	--	--
05/09/01	--	--	--	--	--
11/14/01	--	--	--	--	--
05/14/02	--	--	--	--	--
11/06/02	--	--	--	--	--
05/21/03	--	--	--	--	--
11/11/03	--	--	--	--	--
06/01/04	--	--	--	--	--
11/09/04	--	--	--	--	--
05/03/05	--	--	--	--	--
11/08/05	--	--	--	--	--
05/31/06	--	--	--	--	--
08/14/06	6.00	<5	<5	1.00	29.0
11/08/06	<5	<5	<5	1.00	12.0
02/14/07	6.00	<5	<1	<1	18.0
05/02/07	<5	<5	<1	<1	11.0
08/27/07	<5	<5	<1	1.00	29.0
11/07/07	<5	<5	<1	2.70	14.0

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MW-3																
Date	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Carbon disulfide (ug/L)	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Dibromochloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	o-Dichlorobenzene (ug/L)	p-Dichlorobenzene (ug/L)
02/07/96	<20	<10	<5	<5	<5	<5	<5	<5	<5	<20	<5	<5	<5	<5.0	<5	<5
05/09/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/14/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/10/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/03/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/10/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/14/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/14/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/01/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/09/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/03/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/31/06	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

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MW-3																
Date	trans-1,4-Dichloro-2-butene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethylene (ug/L)	cis-1,2-Dichloro ethylene (ug/L)	trans-1,2-Dichloro ethylene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloro propene (ug/L)	trans-1,3-Dichloro propene (ug/L)	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Methyl bromide (ug/L)	Methyl chloride (ug/L)	Methylene bromide (ug/L)	Methylene chloride (ug/L)	Methyl ethyl ketone (ug/L)
02/07/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<20	<50	<5	<5	<20
05/09/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/14/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/10/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/03/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/10/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/08/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/14/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/14/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/06/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
08/01/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/03/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/31/06	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/06	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
05/02/07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
11/07/07	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20

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MW-3															
Date	Methyl iodide (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethylene (ug/L)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
02/07/96	<5	<10	<5	<5	<5	<5	7.09	<5	<5	<5	<5	<5	<5	<5	<10
05/09/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/14/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/06/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/10/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/03/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/10/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/09/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/14/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/14/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/06/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
06/01/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/09/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/03/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/31/06	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10

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MW-4																
Date	Specific Conductance (micromhos)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
02/07/96	7630	19.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	587	2380	<0.05	153	3.30
05/09/96	6990	19.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	644	2330	<0.05	154	5.20
08/14/96	8160	23.0	<5.0	<500	<1.0	50.0	<20	<5.0	<20	<5.0	<0.10	581	2350	0.07	168	7.70
11/06/96	7230	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	588	2360	<0.05	159	4.63
02/07/97	5170	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	562	2140	<0.05	180	3.79
05/08/97	4240	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	504	1940	<0.05	112	3.52
08/06/97	5260	23.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	683	2080	<0.05	122	1.80
11/12/97	6160	21.5	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	426	2170	<0.05	154	5.20
05/06/98	3040	20.0	<5.0	<500	<1.0	<30	<20	<5.0	33.0	<5.0	<0.10	515	1910	<0.05	114	2.70
11/10/98	6850	23.5	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.12	500	2060	<0.05	155	5.68
05/06/99	5950	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.11	500	1810	<0.05	118	3.55
11/03/99	6040	24.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	592	1890	0.08	167	6.32
05/10/00	6000	19.0	<5.0	227	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	568	2010	<0.03	153	2.27
11/07/00	6510	26.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	536	1930	0.06	146	5.49
05/09/01	5520	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	440	1810	<0.05	141	3.12
11/14/01	7800	22.6	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	528	1970	<0.05	211	5.82
05/14/02	7910	19.5	<5.0	<500	<1.0	34.0	<20	<5.0	29.6	<5.0	<0.05	480	2010	<0.05	180	5.08
11/06/02	6240	22.7	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	464	1840	0.07	174	5.31
05/21/03	6240	19.0	<5.0	624	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	568	1760	<0.05	197	4.90
11/11/03	6929	23.3	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	549	1790	0.07	155	6.30
06/02/04	7165	20.2	<5.0	807	<1.0	<30	<20	<5.0	<20	12.0	<0.05	489	1780	<0.05	140	4.50
11/09/04	7195	21.6	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	449	1650	0.06	98.6	6.50
05/03/05	7085	20.4	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	528	1740	<0.05	170	5.10
11/08/05	7199	25.2	<5.00	<500	<1.00	<30	<20	<5.00	<20	<5.00	<0.05	521	1870	<0.05	139	7.04
05/31/06	7084	22.4	<5.00	<500	<1.00	<30	<20	<5.00	<20.0	<5.00	<0.05	569	1840	<0.05	160	8.51
08/15/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/06	6344	24.5	<5	<500	<1	<30	<20	<5	8.00	<5	<0.05	505	1950	<0.05	150	9.65
02/14/07	6018	15.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/03/07	5994	20.3	<5.00	37.0	<1	<1	<5	<1.00	11.0	<5	<0.05	443	1620	0.01	155	5.87
08/28/07	6913	23.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/07	7236	20.5	<5	40.0	<1	<1	5.10	<1	17.0	<5	<0.05	470	1800	0.23	140	6.60

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MW-4																
Date	Nitrate (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Total Alkalinity as CaCO3 (mg/L)	pH (std units)	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Copper (ug/L)	Lead (ug/L)	Nickel (ug/L)
02/07/96	0.17	1360	895	5610	390	6.31	–	–	–	–	–	–	–	–	–	–
05/09/96	0.31	1130	1100	5390	390	6.02	–	–	–	–	–	–	–	–	–	–
08/14/96	0.22	1040	1190	6360	344	6.32	–	–	–	–	–	–	–	–	–	–
11/06/96	0.11	1100	818	5910	368	6.45	–	–	–	–	–	–	–	–	–	–
02/07/97	0.10	925	868	5320	402	6.57	–	–	–	–	–	–	–	–	–	–
05/08/97	0.32	880	623	4870	436	6.71	–	–	–	–	–	–	–	–	–	–
08/06/97	0.29	891	753	5340	462	6.41	–	–	–	–	–	–	–	–	–	–
11/12/97	0.25	1070	950	5270	338	6.61	–	–	–	–	–	–	–	–	–	–
05/06/98	0.16	860	740	4820	462	6.57	–	–	–	–	–	–	–	–	–	–
11/10/98	0.06	1040	876	5660	420	6.67	–	–	–	–	–	–	–	–	–	–
05/06/99	0.22	851	727	4620	460	6.64	–	–	–	–	–	–	–	–	–	–
11/03/99	<0.05	1000	731	4990	388	6.55	–	–	–	–	–	–	–	–	–	–
05/10/00	<0.05	1020	772	5350	430	–	–	–	–	–	–	–	–	–	–	–
11/07/00	<0.05	947	831	5110	366	6.79	–	–	–	–	–	–	–	–	–	–
05/09/01	0.18	875	554	4700	406	7.02	–	–	–	–	–	–	–	–	–	–
11/14/01	<0.05	935	841	5650	394	7.79	–	–	–	–	–	–	–	–	–	–
05/14/02	<0.05	942	709	5070	444	6.74	–	–	–	–	–	–	–	–	–	–
11/06/02	0.35	989	958	3660	458	6.30	–	–	–	–	–	–	–	–	–	–
05/21/03	<0.05	937	839	5890	500	6.81	–	–	–	–	–	–	–	–	–	–
11/11/03	<0.05	1050	880	4410	506	6.57	–	–	–	–	–	–	–	–	–	–
06/02/04	<0.05	925	872	4870	518	6.60	–	–	–	–	–	–	–	–	–	–
11/09/04	<0.05	978	885	4350	500	6.54	–	–	–	–	–	–	–	–	–	–
05/03/05	<0.05	1000	822	4510	512	6.58	–	–	–	–	–	–	–	–	–	–
11/08/05	<0.05	820	885	4460	513	6.50	–	–	–	–	–	–	–	–	–	–
05/31/06	<0.05	775	831	4830	512	6.25	–	–	–	–	–	–	–	–	–	–
08/15/06	–	–	–	–	–	–	<5	<5.00	36	<1	<1	<1	<1	8.00	<5	8.00
11/08/06	<0.05	912	881	4530	516	6.21	<5	<5.00	40	<1	1.00	1.00	<1	<5	<5	8.00
02/14/07	–	–	–	–	–	6.72	<5	<5.00	35	<1	1.00	1.00	<1	<5	<5	7.00
05/03/07	0.06	986	893	4660	556	6.51	<5	<5.00	36	<1	<1	<1	<1	<5	<1.00	8.00
08/28/07	–	–	–	–	–	6.13	<5	<5.00	40	<1	1.00	<1	<1	<5	<1.00	8.00
11/08/07	<0.05	900	940	4500	400	6.37	<5	5.20	41	<1	<1	1.50	2.50	<5	<1	19.0

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MW-4					
Date	Selenium (ug/L)	Silver (ug/L)	Thallium (ug/L)	Vanadium (ug/L)	Zinc (ug/L)
02/07/96	--	--	--	--	--
05/09/96	--	--	--	--	--
08/14/96	--	--	--	--	--
11/06/96	--	--	--	--	--
02/07/97	--	--	--	--	--
05/08/97	--	--	--	--	--
08/06/97	--	--	--	--	--
11/12/97	--	--	--	--	--
05/06/98	--	--	--	--	--
11/10/98	--	--	--	--	--
05/06/99	--	--	--	--	--
11/03/99	--	--	--	--	--
05/10/00	--	--	--	--	--
11/07/00	--	--	--	--	--
05/09/01	--	--	--	--	--
11/14/01	--	--	--	--	--
05/14/02	--	--	--	--	--
11/06/02	--	--	--	--	--
05/21/03	--	--	--	--	--
11/11/03	--	--	--	--	--
06/02/04	--	--	--	--	--
11/09/04	--	--	--	--	--
05/03/05	--	--	--	--	--
11/08/05	--	--	--	--	--
05/31/06	--	--	--	--	--
08/15/06	<5	44.0	<5	4.00	21.0
11/08/06	<5	<5	<5	2.00	12.0
02/14/07	8.00	<5	<1	<1	13.0
05/03/07	<5	<5	<1	<1	13.0
08/28/07	<5	<5	<1	2.00	12.0
11/08/07	<5	<5	<1	<1	12.0

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MW-4																
Date	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Carbon disulfide (ug/L)	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Dibromochloromethane (ug/L)	1,3-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	o-Dichlorobenzene (ug/L)	p-Dichlorobenzene (ug/L)
02/07/96	<20	<10	<5	<5	<5	<5	<5	<5	<20	<5	<5	<5	<5.0	<5	<5
05/08/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/14/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/08/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/10/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/03/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/10/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/14/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/14/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/05/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/02/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/09/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/03/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/31/06	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
11/08/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

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MW-4																
Date	trans-1,4-Dichloro-2-butene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethylene (ug/L)	cis-1,2-Dichloro ethylene (ug/L)	trans-1,2-Dichloro ethylene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloro propene (ug/L)	trans-1,3-Dichloro propene (ug/L)	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Methyl bromide (ug/L)	Methyl chloride (ug/L)	Methylene bromide (ug/L)	Methylene chloride (ug/L)	Methyl ethyl ketone (ug/L)
02/07/96	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<20	<50	<5	<5	<20
05/09/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/14/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/08/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/05/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/10/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/03/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0.	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/10/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/09/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/14/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/14/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/06/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
08/02/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/09/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/03/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/31/06	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/06	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
05/02/07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
11/08/07	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20

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MW-4															
Date	Methyl iodide (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethylene (ug/L)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
02/07/96	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10
05/09/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/14/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/06/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/08/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/10/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/03/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/10/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/09/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/14/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/14/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/06/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
06/02/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/09/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/03/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/31/06	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
11/08/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10

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MW-5																
Date	Specific Conductance (umhos/cm)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
02/07/96	4190	20.5	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.32	251	760	<0.05	66.0	11.2
05/09/96	4090	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.10	262	773	<0.05	65.7	13.4
08/14/96	4150	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.22	253	750	0.05	70.8	16.3
11/06/96	3990	20.5	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.15	263	755	<0.05	67.3	10.3
02/07/97	3020	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.44	269	717	<0.05	81.4	11.4
05/08/97	3220	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.25	259	758	<0.05	68.0	14.7
08/06/97	3220	22.0	<5.0	<500	2.50	<30	<20	<5.0	<20	<5.0	0.18	314	762	<0.05	59.4	8.30
11/12/97	3270	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.49	314	767	<0.05	77.7	14.5
05/06/98	3800	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.43	253	767	0.29	62.7	15.1
11/10/98	4220	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.54	259	757	<0.05	71.8	14.8
05/06/99	3780	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	272	773	0.32	75.1	12.2
11/03/99	3730	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.31	251	774	0.49	76.3	15.9
05/10/00	3750	22.0	<5.0	319	<1.0	<30	<20	<5.0	<20	<5.0	0.20	256	789	0.30	69.9	14.1
11/07/00	3840	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.32	244	734	0.33	78.5	14.8
05/09/01	4070	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.13	251	792	0.28	69.7	12.1
11/14/01	4560	20.4	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.16	258	741	0.33	84.7	13.9
05/14/02	4800	19.4	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.07	248	758	0.38	78.8	15.6
11/06/02	4060	20.2	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.24	232	802	0.46	79.3	15.3
05/21/03	4060	19.8	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.21	289	741	0.32	86.2	13.1
11/11/03	4547	20.8	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.14	263	779	0.48	83.0	18.4
06/02/04	4635	22.2	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	308	773	0.11	76.0	15.2
11/09/04	4678	20.9	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.09	248	746	0.82	82.0	13.4
05/03/05	4781	21.3	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	301	750	<0.05	88.8	13.9
11/08/05	4917	24.6	<5.00	<500	<1.00	<30	<20	<5.00	<20	<5.00	0.15	305	676	0.37	89.4	13.7
05/31/06	4808	23.7	<5.00	<500	<1.00	<30	<20	<5.00	<20.0	<5.00	<0.05	319	727	<0.05	93.0	14.7
08/15/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/06	4275	22.8	<5	<500	<1	<30	<20	<5	<5	<5	0.10	293	750	0.15	84.7	15.8
02/14/07	4116	17.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/03/07	4112	21.2	<5.00	19.0	<1	<1	<5	<1.00	<5	<5	<0.05	281	630	0.02	78.0	17.1
08/28/07	4785	22.1	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/06/07	4947	19.6	<5	22.0	<1	<1	5.80	<1	8.50	<5	0.31	270	740	0.78	80.0	15.0

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MW-5																
Date	Nitrate (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Total Alkalinity as CaCO3 (mg/L)	pH (std units)	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Copper (ug/L)	Lead (ug/L)	Nickel (ug/L)
02/07/96	0.30	736	935	2780	436	6.53	–	–	–	–	–	–	–	–	–	–
05/09/96	0.32	753	1150	2880	432	6.70	–	–	–	–	–	–	–	–	–	–
08/14/96	0.27	636	957	3200	416	6.65	–	–	–	–	–	–	–	–	–	–
11/05/96	0.13	718	794	3040	410	6.68	–	–	–	–	–	–	–	–	–	–
02/07/97	0.13	642	953	3120	422	6.76	–	–	–	–	–	–	–	–	–	–
05/08/97	0.19	633	882	3090	414	6.82	–	–	–	–	–	–	–	–	–	–
08/06/97	0.23	570	940	3030	448	6.50	–	–	–	–	–	–	–	–	–	–
11/12/97	0.19	604	934	3070	382	6.29	–	–	–	–	–	–	–	–	–	–
05/06/98	0.23	609	908	3130	426	6.55	–	–	–	–	–	–	–	–	–	–
11/10/98	<0.05	699	955	3210	432	6.73	–	–	–	–	–	–	–	–	–	–
05/06/99	0.19	604	879	3120	440	6.77	–	–	–	–	–	–	–	–	–	–
11/03/99	0.05	732	743	3260	386	6.87	–	–	–	–	–	–	–	–	–	–
05/10/00	0.17	677	623	2910	432	6.86	–	–	–	–	–	–	–	–	–	–
11/07/00	0.16	673	812	3200	422	6.77	–	–	–	–	–	–	–	–	–	–
05/09/01	0.21	615	711	2960	432	7.12	–	–	–	–	–	–	–	–	–	–
11/14/01	0.09	571	909	3040	424	6.25	–	–	–	–	–	–	–	–	–	–
05/14/02	0.09	609	811	3070	422	6.92	–	–	–	–	–	–	–	–	–	–
11/06/02	0.45	749	978	3130	444	6.55	–	–	–	–	–	–	–	–	–	–
05/21/03	0.09	672	913	3120	436	7.06	–	–	–	–	–	–	–	–	–	–
11/11/03	<0.05	669	978	2990	440	6.88	–	–	–	–	–	–	–	–	–	–
06/02/04	0.14	728	986	3120	410	6.83	–	–	–	–	–	–	–	–	–	–
11/09/04	<0.05	750	1080	3220	396	6.71	–	–	–	–	–	–	–	–	–	–
05/03/05	0.14	782	1100	3240	376	7.17	–	–	–	–	–	–	–	–	–	–
11/08/05	<0.05	759	1290	3280	404	6.78	–	–	–	–	–	–	–	–	–	–
05/31/06	0.06	770	1140	3320	400	6.80	–	–	–	–	–	–	–	–	–	–
08/15/06	–	–	–	–	–	–	<5	<5.00	20.0	<1	<1	<1	<1	<5	<5	<5
11/08/06	<0.05	777	1280	3290	410	6.71	<5	<5.00	21.0	<1	<1	1.00	<1	<5	<5	<5
02/14/07	–	–	–	–	–	7.78	<5	<5.00	20.0	<1	<1	2.00	<1	<5	<5	<5
05/03/07	0.20	822	1190	3500	409	6.58	<5	<5.00	19.0	<1	<1	3.00	<1	<5	<1.00	<5
08/29/07	–	–	–	–	–	6.41	<5	<5.00	22.0	<1	<1	1.00	<1	<5	<1.00	<5
11/08/07	<0.05	740	1200	3400	460	6.54	<5	<5	23.0	<1	<1	3.10	2.70	5.90	<1	8.00

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MW-5					
Date	Selenium (ug/L)	Silver (ug/L)	Thallium (ug/L)	Vanadium (ug/L)	Zinc (ug/L)
02/07/95	--	--	--	--	--
05/08/95	--	--	--	--	--
08/14/95	--	--	--	--	--
11/06/95	--	--	--	--	--
02/07/97	--	--	--	--	--
05/08/97	--	--	--	--	--
08/06/97	--	--	--	--	--
11/12/97	--	--	--	--	--
05/06/98	--	--	--	--	--
11/10/98	--	--	--	--	--
05/06/99	--	--	--	--	--
11/03/99	--	--	--	--	--
05/10/00	--	--	--	--	--
11/07/00	--	--	--	--	--
05/09/01	--	--	--	--	--
11/14/01	--	--	--	--	--
05/14/02	--	--	--	--	--
11/06/02	--	--	--	--	--
05/21/03	--	--	--	--	--
11/11/03	--	--	--	--	--
06/02/04	--	--	--	--	--
11/09/04	--	--	--	--	--
05/03/05	--	--	--	--	--
11/08/05	--	--	--	--	--
05/31/06	--	--	--	--	--
08/15/06	<5	<5	<5	2.00	15.0
11/08/06	<5	<5	<5	1.00	--
02/14/07	12.0	<5	<1	<1	12.0
05/03/07	<5	<5	<1	<1	--
08/28/07	<5	<5	<1	1.00	<5
11/08/07	<5	<5	<1	<1	7.80

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MW-5																
Date	Acetone (µg/L)	Acrylonitrile (µg/L)	Benzene (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Bromomethane (µg/L)	Carbon disulfide (µg/L)	Carbon tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Dibromochloromethane (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,2-Dibromoethane (µg/L)	o-Dichlorobenzene (µg/L)	p-Dichlorobenzene (µg/L)
02/07/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/14/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/10/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/03/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/10/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/14/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/14/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/02/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/09/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/03/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/31/06	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
11/08/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

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MW-5																
Date	trans-1,4-Dichloro-2-butene (µg/L)	1,1-Dichloroethane (µg/L)	1,2-Dichloroethane (µg/L)	1,1-Dichloroethylene (µg/L)	cis-1,2-Dichloro ethylene (µg/L)	trans-1,2-Dichloro ethylene (µg/L)	1,2-Dichloropropane (µg/L)	cis-1,3-Dichloro propene (µg/L)	trans-1,3-Dichloro propene (µg/L)	Ethylbenzene (µg/L)	2-Hexanone (µg/L)	Methyl bromide (µg/L)	Methyl chloride (µg/L)	Methylene bromide (µg/L)	Methylene chloride (µg/L)	Methyl ethyl ketone (µg/L)
02/07/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/09/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/14/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/08/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/10/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/03/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/10/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/09/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/14/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/14/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
06/02/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/09/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/03/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/31/06	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/06	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
05/02/07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
11/08/07	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20

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MW-5															
Date	Methyl bromide (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethylene (ug/L)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
02/07/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/09/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/14/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/06/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/08/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/10/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/03/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/10/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/09/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/14/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/14/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/06/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
06/02/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/09/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/03/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/31/06	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
11/08/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10

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MW-12A																
Date	Specific Conductance (umhos/cm)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
02/07/96	9170	20.0	<5.0	<500	3.86	36.0	<20	<5.0	76.1	<5.0	<0.10	835	2480	<0.05	209	21.0
05/09/96	8590	20.5	<5.0	<500	2.30	<30	24.0	<5.0	80.0	<5.0	<0.10	798	2400	<0.05	199	23.6
08/14/96	9670	22.0	<5.0	<500	3.80	66.0	28.0	<5.0	80.0	<5.0	<0.10	721	2560	0.12	223	26.9
11/06/96	8340	23.0	<5.0	<500	6.93	<30	22.0	<5.0	90.0	<5.0	<0.10	766	2430	<0.05	191	18.6
02/06/97	6970	20.0	<5.0	<500	7.10	<30	27.0	<5.0	100	<5.0	<0.10	782	2570	0.12	218	21.3
05/07/97	5570	20.0	<5.0	<500	3.50	<30	22.0	<5.0	50.0	<5.0	<0.10	834	2700	<0.05	186	24.7
08/06/97	6750	22.0	<5.0	<500	9.90	<30	25.0	<5.0	80.0	<5.0	<0.10	928	2560	0.09	147	20.1
11/12/97	5605	21.0	<5.0	<500	10.9	<30	<20	<5.0	80.0	<5.0	<0.10	722	2410	0.09	226	24.3
05/06/98	8280	20.0	<5.0	<500	16.0	<30	<20	<5.0	84.0	<5.0	0.24	780	2560	0.07	220	25.6
11/10/98	8910	23.0	<5.0	<500	10.6	<30	23.0	<5.0	80.0	<5.0	0.12	728	2590	<0.05	238	25.6
05/06/99	7440	21.0	<5.0	<500	13.4	<30	<20	<5.0	73.8	<5.0	<0.10	800	2520	0.09	213	22.5
11/03/99	8570	21.0	<5.0	<500	15.2	<30	<20	<5.0	92.8	<5.0	<0.05	864	2400	0.13	242	25.2
05/10/00	8190	22.0	<5.0	203	14.0	<30	24.0	<5.0	98.0	<5.0	<0.05	720	2830	<0.03	225	24.3
11/07/00	8750	25.0	<5.0	<500	<1.0	32.0	<20	<5.0	87.5	<5.0	<0.05	676	2380	0.09	220	24.6
05/09/01	8490	21.2	<5.0	<500	15.0	<30	<20	<5.0	40.1	<5.0	<0.05	740	2580	0.07	213	22.0
11/14/01	10580	16.0	<5.0	<500	12.9	40.0	<20	<5.0	82.6	<5.0	<0.05	740	2530	0.10	286	23.7
05/14/02	1120	19.8	<5.0	<500	1.30	53.0	<20	<5.0	81.9	<5.0	<0.05	724	2720	<0.05	264	25.6
11/06/02	9730	22.5	<5.0	<500	4.81	<30	<20	<5.0	95.3	<5.0	<0.05	728	2710	0.10	281	25.1
05/21/03	9730	19.1	<5.0	1100	2.81	<30	<20	<5.0	67.3	<5.0	<0.05	812	2460	0.11	247	20.2
11/11/03	10830	23.1	<5.0	1230	13.7	<30	24.0	<5.0	31.4	<5.0	<0.05	713	2520	0.16	249	28.1
06/01/04	11260	22.1	<5.0	1530	5.94	<30	<20	<5.0	37.3	<5.0	<0.05	681	2590	0.18	175	22.4
11/08/04	11273	22.3	<5.0	<500	14.4	<30	<20	<5.0	119	<5.0	<0.05	774	2810	0.20	246	23.5
05/02/05	11126	21.4	<5.0	<500	14.7	<30	<20	<5.0	79.9	<5.0	<0.05	838	2680	0.16	278	24.6
11/07/05	11525	28.1	<5.00	<500	6.80	36.0	<20	<5.00	119	<5.00	0.05	854	2840	0.23	255	24.5
05/30/06	11483	23.9	<5.00	<500	<1.00	<30	<20	<5.00	101	<5.00	<0.05	677	2990	0.20	289	24.9
08/14/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	10217	21.5	<5	<500	4.00	<30	<20	<5	98.0	8.00	<0.05	741	3060	0.28	258	28.6
02/14/07	9788	13.6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/07	9807	19.9	<5.00	21.0	32.0	<1	<5	1.70	96.0	<5	<0.05	820	2520	0.21	277	30.8
08/27/07	11477	24.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/07	11941	18.6	8.80	23.0	6.40	1.50	11.0	<1	130	<5	0.11	790	3000	0.23	240	28.0

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MW-12A																
Date	Nitrate (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)	TDS (mg/L)	Total Alkalinity as CaCO3 (mg/L)	pH (std units)	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Copper (ug/L)	Lead (ug/L)	Nickel (ug/L)
02/07/96	0.37	1690	2360	6840	36.0	5.07	–	–	–	–	–	–	–	–	–	–
05/09/96	0.06	1650	2700	7000	30.0	4.85	–	–	–	–	–	–	–	–	–	–
08/14/96	0.08	1300	1570	8120	32.0	5.13	–	–	–	–	–	–	–	–	–	–
11/06/96	<0.05	1370	2130	7250	34.0	4.97	–	–	–	–	–	–	–	–	–	–
02/06/97	0.06	1280	2030	8100	28.0	5.24	–	–	–	–	–	–	–	–	–	–
05/07/97	0.09	1280	2280	7870	26.0	5.17	–	–	–	–	–	–	–	–	–	–
08/06/97	0.15	1270	2370	8070	74.0	5.18	–	–	–	–	–	–	–	–	–	–
11/12/97	0.10	1420	2530	7660	26.0	5.20	–	–	–	–	–	–	–	–	–	–
05/06/98	0.09	1310	2530	7590	32.0	4.99	–	–	–	–	–	–	–	–	–	–
11/10/98	<0.05	1500	2400	8490	32.0	5.42	–	–	–	–	–	–	–	–	–	–
05/06/99	0.23	1330	2510	7490	70.0	5.28	–	–	–	–	–	–	–	–	–	–
11/03/99	<0.05	1400	2110	7710	40.0	5.22	–	–	–	–	–	–	–	–	–	–
05/10/00	0.06	1500	2300	7750	50.0	–	–	–	–	–	–	–	–	–	–	–
11/07/00	0.07	1390	2080	8000	32.0	5.88	–	–	–	–	–	–	–	–	–	–
05/09/01	0.16	1250	1690	7380	52.0	6.02	–	–	–	–	–	–	–	–	–	–
11/14/01	<0.05	1370	2540	8430	38.0	4.82	–	–	–	–	–	–	–	–	–	–
05/14/02	<0.05	1390	2080	7810	58.0	5.17	–	–	–	–	–	–	–	–	–	–
11/05/02	0.05	1560	2570	8070	46.0	5.12	–	–	–	–	–	–	–	–	–	–
05/21/03	0.09	1470	2940	8470	80.0	5.96	–	–	–	–	–	–	–	–	–	–
11/11/03	0.06	1640	2300	7610	56.0	5.54	–	–	–	–	–	–	–	–	–	–
05/01/04	0.17	1440	1920	7100	196.0	5.44	–	–	–	–	–	–	–	–	–	–
11/08/04	<0.05	1600	2480	7680	76.0	5.27	–	–	–	–	–	–	–	–	–	–
05/02/05	<0.05	1650	2290	7706	84.0	5.89	–	–	–	–	–	–	–	–	–	–
11/07/05	0.57	1440	2290	8140	25.0	5.60	–	–	–	–	–	–	–	–	–	–
05/30/06	<0.05	1320	2240	8300	36.0	5.98	–	–	–	–	–	–	–	–	–	–
08/14/06	–	–	–	–	–	–	<5	<5.00	21.0	1.00	10.0	1.00	4.00	<5	6.00	103
11/07/06	<0.05	1640	2300	8450	40.0	5.20	<5	<5.00	23.0	1.00	6.00	1.00	5.00	<5	5.00	103
02/14/07	–	–	–	–	–	7.32	<5	<5.00	20.0	1.00	3.00	1.00	6.00	<5	8.00	81.0
05/02/07	<0.05	1660	2550	8880	37.2	6.22	<5	<5.00	21.0	1.00	27.0	1.00	5.00	<5	3.04	89.0
08/27/07	–	–	–	–	–	4.96	<5	<5.00	21.0	1.00	8.00	<1	4.00	<5	<1.00	101
11/07/07	<0.05	1600	2600	8200	22.0	4.87	<5	9.80	22.0	1.00	8.40	2.30	9.70	11.0	<1	140

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Date	Beryllium (µg/L)	Silver (µg/L)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
02/07/96	--	--	--	--	--
05/09/96	--	--	--	--	--
08/14/96	--	--	--	--	--
11/06/96	--	--	--	--	--
02/06/97	--	--	--	--	--
05/07/97	--	--	--	--	--
08/06/97	--	--	--	--	--
11/12/97	--	--	--	--	--
05/06/98	--	--	--	--	--
11/10/98	--	--	--	--	--
05/06/99	--	--	--	--	--
11/03/99	--	--	--	--	--
05/10/00	--	--	--	--	--
11/07/00	--	--	--	--	--
05/09/01	--	--	--	--	--
11/14/01	--	--	--	--	--
05/14/02	--	--	--	--	--
11/06/02	--	--	--	--	--
05/21/03	--	--	--	--	--
11/11/03	--	--	--	--	--
06/01/04	--	--	--	--	--
11/08/04	--	--	--	--	--
05/02/05	--	--	--	--	--
11/07/05	--	--	--	--	--
05/30/06	--	--	--	--	--
08/14/06	<5	<5	<5	6.00	215
11/07/06	5.00	<5	<5	3.00	209
02/14/07	13.0	5.00	<1	<1	175
05/02/07	<5	<5	3.00	<1	190
08/27/07	<5	<5	<1	6.00	203
11/07/07	<5	<5	<1	<1	210

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Date	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromodichloromethane (ug/L)	Dibromochloromethane (ug/L)	Bromoform (ug/L)	Carbon disulfide (ug/L)	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Dibromochloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	o-Dichlorobenzene (ug/L)	p-Dichlorobenzene (ug/L)
02/07/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/14/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/10/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/03/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/10/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/14/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/14/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/01/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/02/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/30/06	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

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Date	trans-1,4-Dichloro-2-butene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethylene (ug/L)	cis-1,2-Dichloro ethylene (ug/L)	trans-1,2-Dichloro ethylene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloro propene (ug/L)	trans-1,3-Dichloro propene (ug/L)	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Methyl bromide (ug/L)	Methyl chloride (ug/L)	Methylene bromide (ug/L)	Methylene chloride (ug/L)	Methyl ethyl ketone (ug/L)
02/07/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/09/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/14/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/10/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/03/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/10/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0*	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/09/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/14/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/14/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/06/02	<5.0	<5.0	<5.0	<5.0	28.8	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
06/01/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/02/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/30/06	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/06	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
05/02/07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
11/07/07	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20

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Date	Methyl iodide (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethylene (ug/L)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
02/07/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/09/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/14/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/06/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/10/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/03/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/10/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/09/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/14/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/14/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/06/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
06/01/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/02/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/30/06	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10

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MW-13B																
Date	Specific Conductance (umhos/cm)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
02/07/96	3380	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.74	213	760	<0.05	52.0	13.2
05/08/96	3270	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.76	225	877	2.38	56.6	15.4
08/14/96	3390	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.72	216	850	1.67	60.9	18.9
11/06/96	3170	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.68	210	888	1.60	56.4	12.1
02/05/97	2920	20.0	5.60	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.82	240	770	1.53	72.5	13.2
05/07/97	2790	21.0	5.50	<500	14.8	<30	<20	<5.0	<20	<5.0	0.75	230	850	1.99	57.5	17.5
08/06/97	2930	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.94	238	844	0.57	40.8	8.30
11/12/97	2240	19.5	5.95	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.93	254	849	1.74	67.2	15.6
05/06/98	3110	21.0	5.50	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.99	261	853	0.95	54.8	15.5
11/10/98	3410	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.85	238	863	0.53	63.1	18.3
05/06/99	3200	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	229	868	0.54	67.1	15.3
11/03/99	3170	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.49	235	923	0.47	64.6	18.1
05/10/00	3240	23.0	<5.0	512	<1.0	<30	<20	<5.0	<20	<5.0	0.48	240	893	0.80	60.3	16.9
11/07/00	3290	23.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.41	228	845	1.49	69.3	15.7
05/09/01	3360	21.8	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.26	230	871	0.17	61.8	15.1
11/14/01	3880	20.6	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.18	252	887	0.13	77.5	16.8
05/14/02	4000	20.7	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.12	228	815	0.10	71.5	18.4
11/06/02	3430	19.2	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.30	248	896	0.27	69.9	18.0
05/21/03	3430	21.2	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.62	258	832	0.86	73.4	15.4
11/11/03	3467	20.7	5.89	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.25	233	827	1.87	62.7	19.7
06/02/04	2824	21.9	5.69	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.27	148	551	8.68	41.6	8.40
11/09/04	3348	23.3	<5.00	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.13	204	771	5.75	60.0	13.6
05/03/05	3832	24.7	<5.0	<500	<1.0	<30	<20	<5.0	<20.0	<5.0	0.09	253	902	4.82	71.8	16.4
11/08/05	3951	26.7	<5.00	<500	<1.00	<30	<20	<5.00	<20	<5.00	0.23	249	905	3.76	70.7	16.7
05/31/06	3960	27.0	<5.00	<500	<1.00	<30	<20	<5.00	<20.0	<5.00	0.31	253	904	3.06	63.0	15.1
08/15/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/06	3543	24.3	<5	<500	<1	<30	<20	<5	<5	<5	0.30	258	952	3.65	71.0	18.2
02/14/07	3570	12.6	<5.00	89	<1	<1	<5	<5	<5	<5	0.39	265	1010	5.45	76.6	15.9
05/03/07	3635	22.8	<5.00	93	<1	<1	<5	<1.00	17.0	<5	0.35	270	936	6.77	74.8	21.1
08/28/07	4238	29.5	6.40	105	<1	<1	<5	<1.00	<5	<5	0.36	280	992	6.62	73.0	17.4
11/08/07	4277	21.3	8.50	120	<1	<1	<5	<1	6.60	<5	0.58	260	980	7.60	72.0	17.0

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MW-13B																
Date	Chloride (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Total Alkalinity as CaCO3 (mg/L)	pH (std units)	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Copper (ug/L)	Lead (ug/L)	Nickel (ug/L)
02/07/96	<0.05	494	144	1870	442	6.35	–	–	–	–	–	–	–	–	–	–
05/09/96	<0.05	508	151	2060	412	6.08	–	–	–	–	–	–	–	–	–	–
08/14/96	<0.05	443	178	2150	424	6.23	–	–	–	–	–	–	–	–	–	–
11/06/96	<0.05	476	146	2146	438	6.67	–	–	–	–	–	–	–	–	–	–
02/06/97	<0.05	443	198	2190	426	6.64	–	–	–	–	–	–	–	–	–	–
05/07/97	0.07	441	160	2190	430	6.71	–	–	–	–	–	–	–	–	–	–
08/08/97	0.09	394	138	2170	454	6.42	–	–	–	–	–	–	–	–	–	–
11/12/97	0.09	475	175	2150	448	6.40	–	–	–	–	–	–	–	–	–	–
05/06/98	0.08	382	201	2190	450	6.33	–	–	–	–	–	–	–	–	–	–
11/10/98	<0.05	481	208	2560	452	6.44	–	–	–	–	–	–	–	–	–	–
05/06/99	0.10	432	196	2120	450	6.55	–	–	–	–	–	–	–	–	–	–
11/03/99	<0.05	476	183	2190	404	6.69	–	–	–	–	–	–	–	–	–	–
05/10/00	0.07	468	195	2500	450	6.58	–	–	–	–	–	–	–	–	–	–
11/07/00	<0.05	471	187	2260	436	6.73	–	–	–	–	–	–	–	–	–	–
05/09/01	0.21	379	157	2340	436	6.57	–	–	–	–	–	–	–	–	–	–
11/14/01	<0.05	382	208	2340	460	6.69	–	–	–	–	–	–	–	–	–	–
05/14/02	<0.05	434	253	2210	440	6.57	–	–	–	–	–	–	–	–	–	–
11/06/02	0.41	521	204	5440	454	6.30	–	–	–	–	–	–	–	–	–	–
05/21/03	<0.05	470	281	2490	630	6.71	–	–	–	–	–	–	–	–	–	–
11/11/03	<0.05	453	177	1990	392	6.46	–	–	–	–	–	–	–	–	–	–
06/02/04	<0.05	355	105	1480	210	6.67	–	–	–	–	–	–	–	–	–	–
11/09/04	<0.05	437	169	2000	374	6.67	–	–	–	–	–	–	–	–	–	–
05/03/05	<0.05	494	189	2260	404	6.89	–	–	–	–	–	–	–	–	–	–
11/08/05	<0.05	467	202	2200	456	6.72	–	–	–	–	–	–	–	–	–	–
05/31/06	<0.05	476	199	2310	466	6.86	–	–	–	–	–	–	–	–	–	–
08/15/06	–	–	–	–	–	–	<5	<5.00	87.0	<1	<1	<1	<1	11.0	<5	<5
11/08/06	<0.05	548	219	2330	466	6.78	<5	<5.00	91.0	<1	<1	1.00	<1	<5	<5	<5
02/14/07	<0.05	502	215	2320	477	7.61	<5	<5.00	91.0	<1	<1	<1	<1	<5	<5	<5
05/03/07	<0.05	468	227	2940	483	7.16	<5	<5.00	95.0	<1	<1	<1	<1	<5	<1.00	<5
08/28/07	<0.05	527	204	2440	475	6.09	<5	10.0	105	<1	<1	<1	<1	<5	<1.00	<5
11/08/07	0.05	480	200	2400	12.0	6.11	<5	9.00	120	<1	<1	1.20	1.70	<5	<1	7.90

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MW-13B					
Date	Selenium (µg/L)	Silver (µg/L)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
02/07/96	–	–	–	–	–
05/08/96	–	–	–	–	–
08/14/96	–	–	–	–	–
11/06/96	–	–	–	–	–
02/06/97	–	–	–	–	–
05/07/97	–	–	–	–	–
08/06/97	–	–	–	–	–
11/12/97	–	–	–	–	–
05/05/98	–	–	–	–	–
11/10/98	–	–	–	–	–
05/08/99	–	–	–	–	–
11/03/99	–	–	–	–	–
05/10/00	–	–	–	–	–
11/07/00	–	–	–	–	–
05/09/01	–	–	–	–	–
11/14/01	–	–	–	–	–
05/14/02	–	–	–	–	–
11/08/02	–	–	–	–	–
05/21/03	–	–	–	–	–
11/11/03	–	–	–	–	–
06/02/04	–	–	–	–	–
11/09/04	–	–	–	–	–
05/03/05	–	–	–	–	–
11/08/05	–	–	–	–	–
05/31/06	–	–	–	–	–
08/15/06	<5	174	<5	2.00	54.0
11/08/06	<5	<5	<5	1.00	<5
02/14/07	<5	5.00	<1	<1	38.0
05/03/07	<5	<5	3.00	<1	
08/28/07	<5	<5	<1	2.00	<5
11/08/07	<5	<5	<1	<1	8.50

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-13B																
Date	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromobenzene methane (ug/L)	Bromodichloro methane (ug/L)	Bromoform (ug/L)	Carbon disulfide (ug/L)	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Dibromochloro methane (ug/L)	1,3-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	o-Dichlorobenzene (ug/L)	p-Dichlorobenzene (ug/L)
02/07/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/14/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/08/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/10/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/03/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/10/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/14/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/14/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/02/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/09/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/03/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/31/06	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/15/06	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
02/15/07	<20	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
08/28/07	<20	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
11/08/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

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MW-13B																
Date	trans-1,4-Dichloro-2-butene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethylene (ug/L)	cis-1,2-Dichloro ethylene (ug/L)	trans-1,2-Dichloro ethylene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloro propene (ug/L)	trans-1,3-Dichloro propene (ug/L)	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Methylbromide (ug/L)	Methyl chloride (ug/L)	Methylene bromide (ug/L)	Methylene chloride (ug/L)	Methyl ethyl ketone (ug/L)
02/07/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/09/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/14/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/10/98	<5.0	<5.0	<5.0	<5.0	12.8	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/99	<5.0	<5.0	<5.0	<5.0	18.6	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/03/99	<5.0	<5.0	<5.0	<5.0	24.7	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/10/00	<5.0	<5.0	<5.0	<5.0	6.3	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/00	<5.0	<5.0	<5.0	<5.0	16.4	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/09/01	<5.0	<5.0	<5.0	<5.0	16.7	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/14/01	<5.0	<5.0	<5.0	<5.0	17.8	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/14/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/06/02	<5.0	<5.0	<5.0	<5.0	28.8	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	<5.0	<5.0	<5.0	<5.0	58.4	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
06/02/04	<5.0	<5.0	<5.0	<5.0	146	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/09/04	<5.0	<5.0	<5.0	<5.0	47.3	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/03/05	<5.0	<5.0	<5.0	<5.0	13.1	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/05	<5.0	<5.0	<5.0	<5.0	5.48	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/31/06	<5.0	<5.0	<5.0	<5.0	9.45	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
08/15/06	<5.0	<5.0	<5.0	<5.0	34.5	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/06	<5	<5	<5	<5	31.4	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
02/15/07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
05/02/07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
08/28/07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
11/08/07	<5.0	<5.0	<5.0	<5.0	5	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20

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MW-13B															
Date	Methyl Iodide (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethylene (ug/L)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
02/07/95	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/09/95	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/14/95	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/06/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/10/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/03/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/10/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/09/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/14/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/14/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/06/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	<5.0	<10	<5.0	<5.0	<5.0	7.13	<5.0	<5.0	<5.0	12.2	<5.0	<5.0	<5.0	<2.0	<10
08/02/04	<5.0	<10	<5.0	<5.0	<5.0	9.09	<5.0	<5.0	<5.0	15.4	<5.0	<5.0	<5.0	<2.0	<10
11/09/04	<5.0	<10	<5.0	<5.0	<5.0	5.72	<5.0	<5.0	<5.0	6.62	<5.0	<5.0	<5.0	<2.0	<10
05/03/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/31/06	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
08/15/06	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
02/15/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
08/28/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
11/08/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10

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MW-14																
Date	Specific Conductance (umhos/cm)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
02/07/96	5320	21.0	<5.0	<500	13.5	<30	<20	<5.0	79.1	<5.0	<0.10	448	2030	<0.05	107	14.8
05/09/96	4940	22.0	<5.0	<500	12.8	<30	<20	<5.0	70.0	<5.0	<0.10	377	2190	<0.05	116	14.0
08/14/96	5410	22.0	<5.0	<500	14.6	35.0	<20	<5.0	80.0	<5.0	<0.10	352	1920	0.08	111	15.0
11/06/96	4820	21.0	<5.0	<500	19.7	<30	<20	<5.0	90.0	<5.0	<0.10	385	2190	<0.05	110	14.0
02/06/97	4360	20.0	<5.0	<500	17.5	<30	<20	<5.0	80.0	<5.0	<0.10	419	2050	<0.05	129	14.3
05/07/97	3740	20.5	<5.0	<500	15.1	<30	<20	<5.0	90.0	<5.0	<0.10	462	2100	<0.05	109	16.9
08/06/97	4700	22.0	<5.0	<500	17.8	<30	<20	<5.0	60.0	<5.0	<0.10	491	1980	<0.05	89.7	10.0
11/12/97	3350	19.0	<5.0	<500	21.1	<30	<20	<5.0	60.0	<5.0	<0.10	464	1950	<0.05	125	17.1
05/06/98	3440	22.0	<5.0	<500	19.6	<30	<20	<5.0	90.0	<5.0	0.11	404	1990	<0.05	98.9	18.8
11/10/98	5140	21.0	<5.0	<500	19.2	<30	<20	<5.0	75.0	<5.0	0.18	372	1980	<0.05	108	18.1
05/06/99	4360	23.0	<5.0	<500	22.2	<30	<20	<5.0	64.9	<5.0	<0.10	388	1910	0.07	103	15.6
11/03/99	4730	22.0	<5.0	<500	26.3	<30	<20	<5.0	83.8	<5.0	<0.05	400	1500	0.05	100	18.1
05/10/00	4870	23.0	<5.0	570	21.9	<30	<20	<5.0	67.0	<5.0	<0.05	432	1880	<0.03	101	16.8
11/07/00	4840	23.0	<5.0	<500	27.4	<30	<20	<5.0	79.4	<5.0	<0.05	363	1890	0.06	112	15.5
05/09/01	5150	22.8	<5.0	<500	14.1	<30	<20	<5.0	30.4	<5.0	<0.05	388	1990	<0.05	112	15.0
11/14/01	6340	19.9	<5.0	<500	24.7	<30	<20	<5.0	83.7	<5.0	<0.05	404	1920	0.08	157	17.2
05/14/02	6400	21.0	<5.0	<500	1.39	<30	<20	<5.0	75.2	<5.0	<0.05	376	2040	0.25	137	18.8
11/06/02	5550	19.4	<5.0	<500	4.46	<30	<20	<5.0	78.5	<5.0	<0.05	408	2170	0.09	159	18.5
05/21/03	5490	20.8	<5.0	682	<1.00	<30	<20	<5.0	77.0	5.47	<0.05	424	2170	0.06	167	16.3
11/11/03	6340	21.0	<5.0	704	33.4	<30	<20	<5.0	108	7.38	<0.05	413	2160	0.14	134	22.2
06/01/04	6859	22.9	<5.0	771	21.7	<30	<20	<5.0	83.2	8.84	<0.05	361	2140	0.05	120	19.7
11/08/04	6343	21.2	<5.00	<500	<1.0	<30	<20	<5.00	122	<5.00	<0.05	317	1860	0.28	114	16.1
05/02/05	6585	22.7	<5.0	<500	10.6	<30	<20	<5.0	111	<5.0	<0.05	411	2050	0.17	140	16.8
11/07/05	6807	23.9	<5.00	<500	<1.00	<30	<20	<5.00	130	<5.00	0.08	430	2060	1.78	119	20.4
05/30/06	6962	22.3	<5.00	<500	11.7	<30	<20	<5.00	134	<5.00	<0.05	537	2300	<0.05	162	18.9
08/14/06	6957	25.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
08/17/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	5945	20.5	<5	<500	26.0	<30	<20	<5	108	5.00	<0.05	402	2290	<0.05	128	18.9
12/07/06	5930	15.2	<5.00	124	38.0	5.00	<5	<5	106	<5	<0.05	403	2150	0.02	110	19.5
02/14/07	6362	17.6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/03/07	6541	22.8	<5.00	117	24.0	3.00	<5	1.87	146	<5	<0.05	442	2230	0.02	153	22.0
08/28/07	6503	24.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/07	7267	21.1	<5	180	26.0	2.40	<5	<1	100	5.40	<0.05	400	2300	<0.05	120	19.0

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MW-14																
Date	Nitrate (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Total Alkalinity as CaCO3 (mg/L)	pH (pH units)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Lead (µg/L)	Nickel (µg/L)
02/07/96	0.09	681	63.0	3720	42.0	4.94	–	–	–	–	–	–	–	–	–	–
05/09/96	0.28	740	78.4	3730	20.0	4.64	–	–	–	–	–	–	–	–	–	–
08/14/96	0.40	672	67.5	4450	14.0	5.07	–	–	–	–	–	–	–	–	–	–
11/06/96	0.28	698	40.8	4090	14.0	4.95	–	–	–	–	–	–	–	–	–	–
02/06/97	0.13	592	55.6	4200	14.0	5.17	–	–	–	–	–	–	–	–	–	–
05/07/97	0.20	613	71.8	4360	12.0	5.28	–	–	–	–	–	–	–	–	–	–
08/06/97	0.20	520	107	4910	24.0	–	–	–	–	–	–	–	–	–	–	–
11/12/97	0.27	586	70.9	3830	30.0	5.54	–	–	–	–	–	–	–	–	–	–
05/06/98	0.20	643	91.0	4900	14.0	5.27	–	–	–	–	–	–	–	–	–	–
11/10/98	<0.05	681	80.2	3960	12.0	4.9	–	–	–	–	–	–	–	–	–	–
05/06/99	0.26	627	73.4	5120	40.0	5.01	–	–	–	–	–	–	–	–	–	–
11/03/99	0.09	600	52.0	4780	20.0	5.09	–	–	–	–	–	–	–	–	–	–
05/10/00	0.17	651	66.6	4340	18.0	5.64	–	–	–	–	–	–	–	–	–	–
11/07/00	0.21	636	60.6	4270	18.0	5.21	–	–	–	–	–	–	–	–	–	–
05/09/01	0.21	595	47.0	4810	22.0	5.29	–	–	–	–	–	–	–	–	–	–
11/14/01	0.17	638	79.4	4680	10.0	–	–	–	–	–	–	–	–	–	–	–
05/14/02	0.07	644	80.2	4650	82.0	5.2	–	–	–	–	–	–	–	–	–	–
11/06/02	0.56	756	78.7	4720	20.0	4.55	–	–	–	–	–	–	–	–	–	–
05/21/03	0.12	700	62.5	6090	16.0	5.28	–	–	–	–	–	–	–	–	–	–
11/11/03	0.27	789	79.8	4910	12.0	5.11	–	–	–	–	–	–	–	–	–	–
06/01/04	0.84	733	96.1	5060	14.0	5.1	–	–	–	–	–	–	–	–	–	–
11/08/04	<0.05	767	137	3940	16.0	5.17	–	–	–	–	–	–	–	–	–	–
05/02/05	<0.05	825	140	4710	16.0	5.04	–	–	–	–	–	–	–	–	–	–
11/07/05	<0.05	787	151	4960	24.3	5.16	–	–	–	–	–	–	–	–	–	–
05/30/06	<0.05	1010	165	4960	16.0	4.28	–	–	–	–	–	–	–	–	–	–
08/14/06	–	–	–	–	–	4.39	<5	<5.00	112	5.00	18.0	17.0	84.0	5.00	<5	136
08/17/06	–	–	–	–	–	–	<5	<5.00	112	5.00	18.0	17.0	84.0	5.00	<5	136
11/07/06	<0.05	816	143	4320	16.0	4.14	<5	<5.00	137	4.00	25.0	7.00	44.0	<5	<5	104
12/07/06	0.07	1010	180	5180	20.0	4.73	–	–	–	–	–	–	–	–	–	–
02/14/07	–	–	–	–	–	6.14	<5	<5.00	103	6.00	33.0	6.00	93.0	<5	<5	131
05/03/07	0.06	954	209	6380	43.9	5.02	<5	<5.00	110	6.00	21.0	6.00	88.0	<5	2.42	128
08/28/07	–	–	–	–	–	5.07	<5	9.03	119	6.00	29.0	11	86.0	<5	<1.00	128
11/08/07	0.20	730	130	3900	12.0	4.93	<5	<5	180	1.90	27.0	6.40	19.0	<5	<1	110

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MW-14						
Date	Selenium (µg/L)	Silver (µg/L)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)	
02/07/96	--	--	--	--	--	--
05/09/96	--	--	--	--	--	--
08/14/96	--	--	--	--	--	--
11/05/96	--	--	--	--	--	--
02/06/97	--	--	--	--	--	--
05/07/97	--	--	--	--	--	--
08/06/97	--	--	--	--	--	--
11/12/97	--	--	--	--	--	--
05/06/98	--	--	--	--	--	--
11/10/98	--	--	--	--	--	--
05/06/99	--	--	--	--	--	--
11/03/99	--	--	--	--	--	--
05/10/00	--	--	--	--	--	--
11/07/00	--	--	--	--	--	--
05/09/01	--	--	--	--	--	--
11/14/01	--	--	--	--	--	--
05/14/02	--	--	--	--	--	--
11/05/02	--	--	--	--	--	--
05/21/03	--	--	--	--	--	--
11/11/03	--	--	--	--	--	--
05/01/04	--	--	--	--	--	--
11/08/04	--	--	--	--	--	--
05/02/05	--	--	--	--	--	--
11/07/05	--	--	--	--	--	--
05/30/06	--	--	--	--	--	--
08/14/06	<5	8.00	<5	3.00	333	--
08/17/06	<5	8.00	<5	3.00	333	--
11/07/06	<5	<5	<5	1.00	286	--
12/07/06	--	--	--	--	--	1.80
02/14/07	9.00	17.0	<1	<1	409	2.77
05/03/07	<5	<5	3.00	<1	372	2.40
08/28/07	<5	<5	<1	2.00	362	1.94
11/08/07	6.30	<5	<1	<1	250	2.30

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MW-14																
Date	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromodichloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Carbon disulfide (ug/L)	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Dibromochloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	o-Dichlorobenzene (ug/L)	p-Dichlorobenzene (ug/L)
02/07/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5	<5	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
09/14/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/09/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/10/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/03/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/10/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/14/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/14/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/01/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/02/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
01/03/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/30/06	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/17/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
12/07/06	<20	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
11/08/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

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MW-14																
Date	trans-1,4-Dichloro-2-butene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethylene (ug/L)	cis-1,2-Dichloro ethylene (ug/L)	trans-1,2-Dichloro ethylene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloro propene (ug/L)	trans-1,3-Dichloro propene (ug/L)	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Methyl bromide (ug/L)	Methyl chloride (ug/L)	Methylene bromide (ug/L)	Methylene chloride (ug/L)	Methyl ethyl ketone (ug/L)
02/07/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/09/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/14/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/08/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/10/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/03/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/10/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/09/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/14/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/14/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/06/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
06/01/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/02/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/05	<5.0	6.10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
01/03/06	–	<5	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/30/06	<5.0	6.78	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
08/17/06	–	7.92	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
12/07/06	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
05/02/07	<5	6.03	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
11/09/07	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20

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MW-14															
Date	Methyl iodide (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethylene (ug/L)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
02/07/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/09/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/14/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/06/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/08/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/08/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/10/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/03/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/10/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/09/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/14/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/14/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/06/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
06/01/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/02/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
01/03/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/30/06	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
08/17/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
12/07/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
11/09/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10

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MW-15A																
Date	Specific Conductance (umhos/cm)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
02/07/96	5390	21.0	<5.0	680	23.3	<30	<20	<5.0	30.4	<5.0	<0.10	573	2460	<0.05	125	15.3
05/09/96	6040	22.0	<5.0	<500	17.7	<30	<20	<5.0	30.0	<5.0	<0.10	590	2300	<0.05	147	18.6
08/14/96	6560	22.0	<5.0	570	16.7	50.0	<20	<5.0	40.0	<5.0	<0.10	537	2350	0.06	140	20.5
11/06/96	5760	21.0	<5.0	710	26.3	<30	<20	<5.0	50.0	<5.0	<0.10	532	2350	<0.05	125	14
02/06/97	5250	20.0	<5.0	<500	20.8	<30	<20	<5.0	30.0	<5.0	<0.10	552	2320	0.08	153	16.2
05/07/97	4430	21.5	<5.0	<500	14.8	<30	<20	<5.0	40.0	<5.0	<0.10	638	2410	<0.05	130	20
08/06/97	4870	23.0	<5.0	<500	24.4	<30	<20	<5.0	40.0	<5.0	<0.10	704	2430	<0.05	118	12.4
11/12/97	3410	20.0	<5.0	<500	12.5	<30	<20	<5.0	20.0	<5.0	<0.10	633	2400	<0.05	150	19.2
05/06/98	3040	22.0	<5.0	<500	23.2	<30	<20	<5.0	57.0	<5.0	0.30	572	2400	<0.05	112	22.2
11/10/98	6330	21.0	<5.0	685	27.0	<30	<20	<5.0	28.0	<5.0	0.13	508	2350	<0.05	143	20.4
05/06/99	6220	23.0	<5.0	555	26.1	<30	<20	<5.0	26.8	<5.0	<0.10	596	2400	0.07	160	18
11/03/99	5570	21.0	<5.0	597	28.0	<30	<20	<5.0	34.6	<5.0	<0.05	572	2100	0.06	150	20.6
05/10/00	5840	22.0	<5.0	1100	24.8	<30	<20	<5.0	33.0	<5.0	<0.05	613	2330	0.06	139	19.8
11/07/00	5790	22.0	<5.0	<500	<1.0	<30	<20	<5.0	32.2	<5.0	<0.05	544	2650	0.27	130	17.7
05/09/01	5850	22.0	<5.0	632	17.0	<30	<20	<5.0	<20	<5.0	<0.05	518	2360	0.11	134	18
11/14/01	7210	20.0	<5.0	1090	26.8	<30	<20	<5.0	33.0	<5.0	<0.05	584	2520	0.12	186	18.8
05/14/02	7100	21.3	<5.0	<500	3.00	<30	<20	<5.0	33.7	<5.0	<0.05	480	2550	0.08	178	20.9
11/06/02	6100	19.6	<5.0	587	8.09	<30	<20	<5.0	24.6	<5.0	<0.05	512	2380	0.2	188	20.8
05/21/03	6100	21.4	<5.0	1430	2.20	<30	<20	<5.0	32.9	8.05	<0.05	584	2220	0.17	189	17.9
11/11/03	7001	21.8	<5.0	1550	39.4	<30	<20	<5.0	35.6	5.12	<0.05	529	2420	0.14	152	24
06/01/04	7177	22.6	<5.0	1980	17.4	<30	<20	<5.0	32.2	6.75	<0.05	497	2550	0.164	140	23
11/08/04	7111	23.1	<5.00	711	23.5	<30	<20	<5.00	41.3	<5.00	<0.05	493	2340	0.184	145	19.3
05/02/05	7198	22.8	<5.0	914	18.3	<30	<20	<5.0	27.1	<5.0	<0.05	585	2350	<0.05	167	21.3
11/07/05	7173	26.1	<5.00	<500	20.2	<30	<20	<5.00	41.0	<5.00	<0.05	545	2240	0.352	127	18.5
05/30/06	7214	27.6	<5.00	651	12.4	<30	<20	<5.00	33.9	<5.00	<0.05	585	2410	0.495	167	22.9
08/14/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	6536	24.3	<5	1190	1.00	<30	<20	<5	34.0	<5	<0.05	589	2570	1.69	156	22.1
02/14/07	6542	18.6	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/07	6575	22.9	<5.00	715	<1	2.00	<5	1.66	42.0	<5	0.11	586	2390	3.52	165	26.6
08/27/07	7592	27.8	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/07	7306	19.2	<5	670	26.0	<1	<5	<1	34.0	<5	<0.05	460	2400	<0.05	130	20

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MW-15A																
Date	Nitrate (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Total Alkalinity as CaCO3 (mg/L)	pH (std units)	Antimony (µg/L)	Arsenic (µg/L)	Barium (µg/L)	Beryllium (µg/L)	Cadmium (µg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Lead (µg/L)	Nickel (µg/L)
02/07/96	0.09	683	16.8	4290	16.0	5.02	–	–	–	–	–	–	–	–	–	–
05/09/96	0.16	738	28.0	4590	14.0	4.68	–	–	–	–	–	–	–	–	–	–
08/14/96	0.23	641	21.5	5350	16.0	5.31	–	–	–	–	–	–	–	–	–	–
11/06/96	0.59	659	16.3	5130	18.0	5.14	–	–	–	–	–	–	–	–	–	–
02/06/97	0.05	632	17.5	5390	16.0	5.24	–	–	–	–	–	–	–	–	–	–
05/07/97	0.2	607	20.8	4840	12.0	5.24	–	–	–	–	–	–	–	–	–	–
08/06/97	0.13	597	21.5	5850	20.0	5.13	–	–	–	–	–	–	–	–	–	–
11/12/97	0.24	673	17.6	4300	50.0	5.36	–	–	–	–	–	–	–	–	–	–
05/06/98	0.21	582	24.2	5570	14.0	5.41	–	–	–	–	–	–	–	–	–	–
11/10/98	<0.05	670	26.1	5060	12.0	5.19	–	–	–	–	–	–	–	–	–	–
05/06/99	0.25	605	24.0	6450	36.0	5.23	–	–	–	–	–	–	–	–	–	–
11/03/99	0.06	687	19.5	6180	20.0	5.48	–	–	–	–	–	–	–	–	–	–
05/10/00	<0.05	660	21.5	6020	16.0	5.49	–	–	–	–	–	–	–	–	–	–
11/07/00	0.09	650	20.9	4610	16.0	5.53	–	–	–	–	–	–	–	–	–	–
05/09/01	0.25	595	18.0	5120	14.0	5.66	–	–	–	–	–	–	–	–	–	–
11/14/01	0.06	607	25.9	5110	12.0	5.62	–	–	–	–	–	–	–	–	–	–
05/14/02	0.06	598	21.3	4990	16.0	5.06	–	–	–	–	–	–	–	–	–	–
11/06/02	0.51	729	27.0	5150	18.0	4.74	–	–	–	–	–	–	–	–	–	–
05/21/03	<0.05	647	28.0	7100	14.0	5.52	–	–	–	–	–	–	–	–	–	–
11/11/03	0.07	569	20.3	4360	14.0	5.42	–	–	–	–	–	–	–	–	–	–
06/01/04	0.1	667	22.6	4890	16.0	5.04	–	–	–	–	–	–	–	–	–	–
11/08/04	0.1	713	21.5	4620	16.0	7.06	–	–	–	–	–	–	–	–	–	–
05/02/05	0.16	723	16.8	4730	12.0	5.04	–	–	–	–	–	–	–	–	–	–
11/07/05	<0.05	696	21.6	5620	16.9	4.84	–	–	–	–	–	–	–	–	–	–
05/30/06	<0.05	618	20.8	5470	15.0	4.84	–	–	–	–	–	–	–	–	–	–
08/14/06	–	–	–	–	–	–	<5	<5.00	625	<1	8.00	<1	<1	<5	<5	33.0
11/07/06	<0.05	723	25.4	4990	16.0	4.96	<5	<5.00	680	<1	16.0	1.00	1.00	<5	<5	33.0
02/14/07	–	–	–	–	–	7.46	<5	<5.00	645	<1	12.0	2.00	1.00	<5	6.00	37.0
05/02/07	<0.05	479	26.2	5200	63.8	6.02	<5	<5.00	678	<1	10.0	2.00	1.00	<5	1.43	36.0
08/27/07	–	–	–	–	–	4.88	<5	7.22	675	<1	3.00	2.00	2.00	<5	<1.00	35.0
11/07/07	0.11	660	32.0	4200	13.0	4.89	<5	<5	660	<1	27.0	1.40	1.30	<5	<1	34.0

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MW-15A					
Date	Selenium (ug/L)	Silver (ug/L)	Thallium (ug/L)	Vanadium (ug/L)	Zinc (ug/L)
02/07/96	--	--	--	--	--
05/09/96	--	--	--	--	--
08/14/96	--	--	--	--	--
11/06/96	--	--	--	--	--
02/06/97	--	--	--	--	--
05/07/97	--	--	--	--	--
08/06/97	--	--	--	--	--
11/12/97	--	--	--	--	--
05/08/98	--	--	--	--	--
11/10/98	--	--	--	--	--
05/06/99	--	--	--	--	--
11/03/99	--	--	--	--	--
05/10/00	--	--	--	--	--
11/07/00	--	--	--	--	--
05/09/01	--	--	--	--	--
11/14/01	--	--	--	--	--
05/14/02	--	--	--	--	--
11/06/02	--	--	--	--	--
05/21/03	--	--	--	--	--
11/11/03	--	--	--	--	--
06/01/04	--	--	--	--	--
11/08/04	--	--	--	--	--
05/02/05	--	--	--	--	--
11/07/05	--	--	--	--	--
05/30/06	--	--	--	--	--
08/14/06	<5	<5	<5	4.00	65.0
11/07/06	<5	<5	<5	2.00	62.0
02/14/07	<5	<5	<1	<1	32.0
05/02/07	<5	<5	<1	1.00	21.0
08/27/07	<5	<5	<1	4.00	9.00
11/07/07	<5	<5	<1	4.20	85.0

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MW-15A																
Date	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromobenzene methane (ug/L)	Bromodichloro methane (ug/L)	Bromoform (ug/L)	Carbon disulfide (ug/L)	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Dibromochloro methane (ug/L)	1,3-Dichloro-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	o-Dichlorobenzene (ug/L)	p-Dichlorobenzene (ug/L)
02/07/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/14/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/10/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/03/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/10/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/14/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/14/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/01/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/02/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/30/06	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

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MW-15A																
Date	trans-1,4-Dichloro-2-butene (µg/L)	1,1-Dichloroethane (µg/L)	1,2-Dichloroethane (µg/L)	1,1-Dichloroethylene (µg/L)	cis-1,2-Dichloro ethylene (µg/L)	trans-1,2-Dichloro ethylene (µg/L)	1,2-Dichloropropane (µg/L)	cis-1,3-Dichloro propene (µg/L)	trans-1,3-Dichloro propene (µg/L)	Ethylbenzene (µg/L)	2-Hexanone (µg/L)	Methyl bromide (µg/L)	Methyl chloride (µg/L)	Methylene bromide (µg/L)	Methylene chloride (µg/L)	Methyl ethyl ketone (µg/L)
02/07/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/09/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/14/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/05/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/10/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/03/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/10/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/09/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/14/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/14/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/06/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
06/01/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/02/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/30/06	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/06	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
05/02/07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
11/07/07	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20

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MW-15A															
Date	Methyl iodide (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichlorofluoromethane (ug/L)	Trichlorotrifluoroethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
02/07/95	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/09/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/14/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/06/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/10/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/03/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/10/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/09/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/14/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/14/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/06/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
06/01/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/02/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/30/06	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10

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MW-15B																
Date	Specific Conductance (umhos/cm)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
02/07/96	3710	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.33	245	1060	13.5	71.0	11.3
05/09/96	3490	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.34	244	1240	11.2	67.9	13.6
08/14/96	3770	21.5	<5.0	<500	<1.0	<30	<20	<5.0	30.0	<5.0	0.35	261	1180	12.5	71.7	16.4
11/06/96	3420	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.36	250	1160	11.8	72.2	11.5
02/06/97	3170	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.51	257	1200	11.6	88.5	11.8
05/07/97	2870	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.40	258	1230	11.1	70.2	15.3
08/06/97	3700	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.46	325	1220	9.00	51.6	11.7
11/12/97	2390	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.46	263	1190	10.9	80.9	14.1
05/05/98	2600	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.46	267	1210	15.2	66.3	16.5
11/10/98	3590	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.44	268	1200	11.7	69.9	15.7
05/06/99	3300	23.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	298	1210	11.0	76.2	15.1
11/03/99	3400	21.0	<5.0	517	<1.0	<30	<20	<5.0	<20	<5.0	0.28	272	1280	10.5	72.3	16.3
05/10/00	3420	23.0	<5.0	519	<1.0	<30	<20	<5.0	<20	<5.0	0.26	280	1260	11.5	68.8	15.7
11/07/00	3560	23.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.29	260	1170	9.53	82.8	14.6
05/09/01	3800	22.5	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.20	277	1340	8.71	74.8	13.2
11/14/01	4050	25.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.17	264	1130	9.90	94.2	15.1
05/14/02	4320	21.1	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.11	276	1200	8.69	85.6	16.8
11/06/02	3720	19.6	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.29	276	1270	10.5	66.0	16.5
05/21/03	3720	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.32	296	1240	10.7	102	14.4
11/11/03	4189	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.15	277	1310	11.0	83.3	20.0
06/01/04	4222	22.0	6.20	546	<1.0	<30	<20	<5.0	<20	7.31	0.08	273	1340	11.9	75.1	10.7
11/08/04	4227	22.3	5.92	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.13	279	1240	13.9	76.0	15.3
05/02/05	4242	23.7	5.92	<500	<1.0	<30	<20	<5.0	<20.0	<5.0	<0.05	275	1300	13.2	83.3	16.8
11/07/05	4229	22.7	5.24	<500	<1.00	<30	<20	<5.00	<20	<5.00	0.22	289	1210	12.6	79.1	15.4
05/30/06	4196	22.9	6.00	<500	<1.00	<30	<20	<5.00	<20.0	<5.00	0.33	265	1380	14.0	85.6	18.5
08/14/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/06	3705	22.6	<5	<500	<1	<30	<20	<5	<5	<5	0.33	276	1390	14.9	74.0	17.2
02/14/07	3689	19.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/07	3703	22.2	<5.00	123	<1	<1	<5	<1.00	<5	<5	0.25	300	1260	16.0	76.7	20.5
08/27/07	4273	23.8	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/07	4293	22.0	5.50	120	<1	<1	<5	<1	6.00	<5	0.36	260	1300	14.0	68.0	15.0

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MW-15B																
Date	Nitrate (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Total Alkalinity as CaCO3 (mg/L)	pH (std units)	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Copper (ug/L)	Lead (ug/L)	Nickel (ug/L)
02/07/96	<0.05	422	91.6	2400	114	5.80	–	–	–	–	–	–	–	–	–	–
05/09/96	<0.05	433	121	2580	76.0	5.46	–	–	–	–	–	–	–	–	–	–
08/14/96	<0.05	386	90.0	1860	56.0	6.13	–	–	–	–	–	–	–	–	–	–
11/06/96	<0.05	422	121	2880	80.0	5.90	–	–	–	–	–	–	–	–	–	–
02/06/97	<0.05	382	105	3020	84.0	6.05	–	–	–	–	–	–	–	–	–	–
05/07/97	0.07	380	92.0	3060	72.0	5.96	–	–	–	–	–	–	–	–	–	–
08/06/97	0.11	317	100	3310	90.0	6.01	–	–	–	–	–	–	–	–	–	–
11/12/97	0.09	448	94.1	2370	74.0	5.67	–	–	–	–	–	–	–	–	–	–
05/06/98	0.08	370	113	3550	74.0	5.88	–	–	–	–	–	–	–	–	–	–
11/10/98	<0.05	413	109	3130	70.0	6.20	–	–	–	–	–	–	–	–	–	–
05/06/99	0.08	404	109	3400	86.0	5.98	–	–	–	–	–	–	–	–	–	–
11/03/99	<0.05	431	75.0	3070	54.0	6.11	–	–	–	–	–	–	–	–	–	–
05/10/00	<0.05	420	83.6	3150	60.0	6.32	–	–	–	–	–	–	–	–	–	–
11/07/00	0.08	424	80.8	3030	58.0	6.08	–	–	–	–	–	–	–	–	–	–
05/09/01	0.20	353	67.7	3460	52.0	6.21	–	–	–	–	–	–	–	–	–	–
11/14/01	<0.05	325	104	3340	68.0	5.33	–	–	–	–	–	–	–	–	–	–
05/14/02	<0.05	383	90.1	3050	58.0	5.89	–	–	–	–	–	–	–	–	–	–
11/06/02	0.38	454	93.6	3230	64.0	5.60	–	–	–	–	–	–	–	–	–	–
05/21/03	0.08	374	89.7	3900	60.0	6.16	–	–	–	–	–	–	–	–	–	–
11/11/03	<0.05	432	109	2410	52.0	6.01	–	–	–	–	–	–	–	–	–	–
06/01/04	<0.05	433	94.3	3310	68.0	6.17	–	–	–	–	–	–	–	–	–	–
11/08/04	0.07	455	81.5	2820	68.0	6.01	–	–	–	–	–	–	–	–	–	–
05/02/05	<0.05	440	78.4	3410	70.0	6.12	–	–	–	–	–	–	–	–	–	–
11/07/05	<0.05	447	74.5	3540	69.8	5.78	–	–	–	–	–	–	–	–	–	–
05/30/06	0.05	384	91.6	3100	73.5	5.96	–	–	–	–	–	–	–	–	–	–
08/14/06	–	–	–	–	–	–	<5	5.47	114	<1	1.00	<1	1.00	<5	<5	<5
11/07/06	0.18	462	94.0	2660	74.0	5.58	<5	<5.00	120	<1	1.00	<1	1.00	<5	<5	<5
02/14/07	–	–	–	–	–	7.51	<5	<5.00	109	<1	1.00	<1	1.00	<5	<5	<5
05/02/07	<0.05	422	99.1	3360	70.1	6.19	<5	5.21	119	<1	<1	<1	1.00	<5	<1.00	<5
08/27/07	–	–	–	–	–	5.78	<5	9.93	113	<1	1.00	<1	<1	<5	<1.00	<5
11/07/07	<0.05	420	100	2500	68.0	5.73	<5	5.70	110	<1	<1	<1	<1	<5	<1	6.20

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MW-15B					
Date	Selenium (ug/L)	Silver (ug/L)	Thallium (ug/L)	Vanadium (ug/L)	Zinc (ug/L)
02/07/96	--	--	--	--	--
05/09/96	--	--	--	--	--
08/14/96	--	--	--	--	--
11/06/96	--	--	--	--	--
02/06/97	--	--	--	--	--
05/07/97	--	--	--	--	--
08/06/97	--	--	--	--	--
11/12/97	--	--	--	--	--
05/06/98	--	--	--	--	--
11/10/98	--	--	--	--	--
05/06/99	--	--	--	--	--
11/03/99	--	--	--	--	--
05/10/00	--	--	--	--	--
11/07/00	--	--	--	--	--
05/09/01	--	--	--	--	--
11/14/01	--	--	--	--	--
05/14/02	--	--	--	--	--
11/06/02	--	--	--	--	--
05/21/03	--	--	--	--	--
11/11/03	--	--	--	--	--
08/01/04	--	--	--	--	--
11/06/04	--	--	--	--	--
05/02/05	--	--	--	--	--
11/07/05	--	--	--	--	--
05/30/06	--	--	--	--	--
08/14/06	<5	<5	<5	2.00	<5
11/07/06	<5	<5	<5	1.00	<5
02/14/07	<5	<5	<1	<1	<5
05/02/07	<5	<5	3.00	<1	<5
08/27/07	<5	<5	<1	2.00	9.00
11/07/07	<5	<5	<1	2.40	<5

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MW-15B																
Date	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Carbon disulfide (ug/L)	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Dibromochloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	o-Dichlorobenzene (ug/L)	p-Dichlorobenzene (ug/L)
02/07/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/14/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/10/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/03/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/10/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/14/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/14/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/01/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/02/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/30/06	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

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MW-15B																
Date	trans-1,4-Dichloro-2-butene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloropropene (ug/L)	cis-1,3-Dichloro ethylene (ug/L)	trans-1,3-Dichloro ethylene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloro propene (ug/L)	trans-1,3-Dichloro propene (ug/L)	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Methyl bromide (ug/L)	Methyl chloride (ug/L)	Methylene bromide (ug/L)	Methylene chloride (ug/L)	Methyl ethyl ketone (ug/L)
02/07/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/09/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/14/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/10/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/03/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/10/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/09/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/14/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/14/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/06/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
06/01/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/02/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/30/06	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/06	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
05/02/07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
11/07/07	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20

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MW-15B															
Date	Methyl Iodide (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethylene (ug/L)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
02/07/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/09/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/14/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/06/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/10/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/03/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/10/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/09/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/14/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/14/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/06/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
06/01/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/02/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/30/06	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10

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MW-18																
Date	Specific Conductance (umhos/cm)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
11/06/96	2850	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.50	173	598	6.40	48.2	11.4
02/06/97	1896	19.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.53	190	586	3.68	59.5	11.7
05/08/97	2330	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.50	178	622	0.94	46.7	15.6
08/06/97	2570	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.32	197	612	0.74	37.5	8.3
11/12/97	2140	19.5	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.50	197	622	2.82	52.5	13.3
02/10/98	2010	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	1.00	179	617	1.39	35.2	17.5
05/06/98	1952	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.55	179	622	1.06	45.0	16.3
08/05/98	2890	24.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.46	178	627	1.44	51.3	16.3
11/10/98	2700	19.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.45	168	622	<0.05	46.9	15.1
05/06/99	3080	18.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.42	174	627	0.94	53.2	13.3
11/03/99	2720	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.35	170	655	1.53	51.5	15.4
05/10/00	2830	23.0	<5.0	380	<1.0	<30	<20	<5.0	<20	<5.0	0.41	180	627	2.06	48.3	14.5
11/07/00	2750	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.33	156	604	2.17	57.3	14.0
05/09/01	2950	21.9	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.15	162	643	1.83	49.8	12.4
11/14/01	3060	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.11	216	613	1.59	63.1	14.6
05/14/02	3280	20.9	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.12	200	639	1.45	59.4	16.1
11/06/02	2890	20.1	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.32	171	651	3.15	57.9	15.5
05/21/03	2890	20.8	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.30	204	604	1.29	57.5	13.8
11/11/03	3251	21.2	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.17	207	632	0.47	55.7	19.3
06/01/04	3278	23.4	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.14	180	618	3.39	49.3	15.8
11/09/04	3255	20.2	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.27	186	604	3.36	53.7	14.1
05/02/05	3245	22.3	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.07	183	643	3.30	56.9	14.8
11/07/05	3253	23.0	<5.00	<500	<1.00	<30	<20	<5.00	<20	<5.00	<0.05	186	659	3.54	51.8	13.6
05/31/06	3224	22.1	<5.00	<500	<1.00	<30	<20	<5.00	<20.0	<5.00	0.57	185	636	3.04	53.0	17.2
08/14/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/06	2855	20.3	<5	<500	<1	<30	<20	<5	<5	<5	0.49	178	632	3.35	48.5	15.6
02/14/07	2695	15.8	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/02/07	2739	24.4	<5.00	102	<1	<1	<5	<1.00	14.0	<5	0.54	181	576	3.40	50.4	17.9
08/27/07	3213	28.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/07/07	3205	21.7	<5	110	<1	<1	<5	<1	<5	<5	0.76	160	580	3.10	43.0	13.0

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Date	Nitrate (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Total Alkalinity as $CaCO_3$ (mg/L)	pH (std units)	Antimony (µg/L)	Arsenic (µg/L)	Barium (mg/L)	Beryllium (mg/L)	Cadmium (mg/L)	Chromium (µg/L)	Cobalt (µg/L)	Copper (µg/L)	Lead (µg/L)	Nickel (µg/L)
11/06/96	<0.05	449	321	1930	370	6.80	–	–	–	–	–	–	–	–	–	–
02/06/97	<0.05	396	381	1870	336	6.82	–	–	–	–	–	–	–	–	–	–
05/08/97	0.13	400	359	1850	338	6.63	–	–	–	–	–	–	–	–	–	–
08/06/97	0.31	345	262	1900	366	6.42	–	–	–	–	–	–	–	–	–	–
11/12/97	0.20	444	410	1970	346	6.70	–	–	–	–	–	–	–	–	–	–
02/10/98	0.29	403	423	1910	346	6.57	–	–	–	–	–	–	–	–	–	–
05/06/98	0.30	390	350	1830	338	6.45	–	–	–	–	–	–	–	–	–	–
08/05/98	0.28	406	328	1880	354	6.52	–	–	–	–	–	–	–	–	–	–
11/10/98	0.07	436	355	1910	342	6.61	–	–	–	–	–	–	–	–	–	–
05/06/99	0.41	390	337	2050	362	6.68	–	–	–	–	–	–	–	–	–	–
11/03/99	0.13	454	259	2050	348	6.62	–	–	–	–	–	–	–	–	–	–
05/10/00	0.26	432	293	1960	342	7.24	–	–	–	–	–	–	–	–	–	–
11/07/00	0.08	440	301	1940	336	6.91	–	–	–	–	–	–	–	–	–	–
05/09/01	0.20	366	263	1980	342	7.16	–	–	–	–	–	–	–	–	–	–
11/14/01	<0.05	339	381	1890	346	6.78	–	–	–	–	–	–	–	–	–	–
05/14/02	0.12	366	350	1970	360	6.78	–	–	–	–	–	–	–	–	–	–
11/06/02	<0.05	466	375	2020	356	6.47	–	–	–	–	–	–	–	–	–	–
05/21/03	0.18	439	354	2030	368	7.08	–	–	–	–	–	–	–	–	–	–
11/11/03	0.12	456	373	1940	362	6.80	–	–	–	–	–	–	–	–	–	–
06/01/04	<0.05	460	340	1960	372	7.05	–	–	–	–	–	–	–	–	–	–
11/09/04	<0.05	450	330	1920	372	6.90	–	–	–	–	–	–	–	–	–	–
05/02/05	0.05	464	302	1890	372	7.07	–	–	–	–	–	–	–	–	–	–
11/07/05	<0.05	445	316	1960	378	6.89	–	–	–	–	–	–	–	–	–	–
05/31/06	<0.05	473	294	1890	404	7.05	–	–	–	–	–	–	–	–	–	–
08/14/06	–	–	–	–	–	–	<5	<5.00	98.0	<1	<1	1.00	<1	10.0	<5	<5
11/08/06	<0.05	491	345	1910	382	7.03	<5	<5.00	100	<1	<1	1.00	<1	<5	<5	<5
02/14/07	–	–	–	–	–	9.02	<5	<5.00	103	<1	<1	1.00	<1	<5	<5	<5
05/02/07	<0.05	401	312	1840	420	7.60	<5	<5.00	101	<1	<1	<1	<1	<5	<1.00	<5
08/27/07	–	–	–	–	–	6.62	<5	<5.00	104	<1	<1	1.00	<1	<5	<1.00	<5
11/07/07	<0.05	390	310	1900	390	6.62	<5	<5	130	<1	<1	4.70	1.80	5.10	2.00	7.20

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MW-18					
Date	Selenium (µg/L)	Silver (µg/L)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
11/06/96	–	–	–	–	–
02/06/97	–	–	–	–	–
05/08/97	–	–	–	–	–
08/06/97	–	–	–	–	–
11/12/97	–	–	–	–	–
02/10/98	–	–	–	–	–
05/08/98	–	–	–	–	–
08/05/98	–	–	–	–	–
11/10/98	–	–	–	–	–
05/06/99	–	–	–	–	–
11/03/99	–	–	–	–	–
05/10/00	–	–	–	–	–
11/07/00	–	–	–	–	–
05/09/01	–	–	–	–	–
11/14/01	–	–	–	–	–
05/14/02	–	–	–	–	–
11/06/02	–	–	–	–	–
05/21/03	–	–	–	–	–
11/11/03	–	–	–	–	–
06/01/04	–	–	–	–	–
11/09/04	–	–	–	–	–
05/02/05	–	–	–	–	–
11/07/05	–	–	–	–	–
05/31/06	–	–	–	–	–
08/14/06	<5	<5	<5	1.00	91.0
11/08/06	<5	<5	<5	<1	11.0
02/14/07	<5	<5	<1	<1	31.0
05/02/07	<5	<5	<1	<1	–
08/27/07	<5	<5	<1	1.00	21.0
11/07/07	<5	<5	<1	2.20	41.0

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Date	Acetone (ug/L)	Acrylonitrile (ug/L)	Benzene (ug/L)	Bromochloromethane (ug/L)	Bromodichloromethane (ug/L)	Bromoform (ug/L)	Carbon disulfide (ug/L)	Carbon tetrachloride (ug/L)	Chlorobenzene (ug/L)	Chloroethane (ug/L)	Chloroform (ug/L)	Dibromochloromethane (ug/L)	1,2-Dibromo-3-chloropropane (ug/L)	1,2-Dibromoethane (ug/L)	o-Dichlorobenzene (ug/L)	p-Dichlorobenzene (ug/L)
11/06/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/05/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/10/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/03/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/10/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/14/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/14/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/01/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/09/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/02/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/31/06	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

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Date	trans-1,4-Dichloro-2-butene (ug/L)	1,1-Dichloroethane (ug/L)	1,2-Dichloroethane (ug/L)	1,1-Dichloroethylene (ug/L)	cis-1,2-Dichloro ethylene (ug/L)	trans-1,2-Dichloro ethylene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloro propene (ug/L)	trans-1,3-Dichloro propene (ug/L)	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Methyl bromide (ug/L)	Methyl chloride (ug/L)	Methylene bromide (ug/L)	Methylene chloride (ug/L)	Methyl ethyl ketone (ug/L)
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/08/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/08/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/05/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/10/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/03/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/10/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/09/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/14/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/14/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/06/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
06/01/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/09/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/02/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/31/06	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/06	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
05/02/07	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
11/07/07	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20

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MW-18															
Date	Methyl iodide (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethylene (ug/L)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
11/06/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/08/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/05/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/10/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/03/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/10/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/09/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/14/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/14/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
06/01/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/09/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/02/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/31/06	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
05/02/07	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
11/07/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10

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MW-20																	
Date	Specific Conductance (umho/cm)	Temperature (deg C)	Dissolved Arsenic (ug/L)	Dissolved Barium (ug/L)	Dissolved Cadmium (ug/L)	Dissolved Chromium (ug/L)	Dissolved Copper (ug/L)	Dissolved Lead (ug/L)	Dissolved Nickel (ug/L)	Dissolved Selenium (ug/L)	Ammonia (mg/L)	Calcium (mg/L)	Chloride (mg/L)	Iron (mg/L)	Magnesium (mg/L)	Potassium (mg/L)
11/06/96	5240	21.0	6.70	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.10	340	1240	<0.05	90.1	11.9
02/07/97	3970	20.0	5.80	<500	<1.0	<30	<20	<5.0	30.0	<5.0	0.20	387	1110	<0.05	106	11.7
05/08/97	3980	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	12.2	0.10	347	1290	<0.05	93.2	14.3
08/06/97	4630	22.0	<5.0	<500	1.04	<30	<20	<5.0	<20	7.13	<0.10	373	1300	<0.05	90.4	8.10
11/12/97	3730	20.0	5.68	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	316	1340	<0.05	107	13.2
02/10/98	3050	20.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	0.40	356	1260	<0.05	93.7	15.3
05/06/98	3410	21.0	5.30	<500	<1.0	<30	<20	<5.0	29.0	<5.0	<0.10	358	1240	<0.05	88.3	14.3
08/05/98	5150	23.0	<5.0	<500	<1.0	<30	<20	<5.0	26.0	<5.0	<0.10	364	1280	<0.05	102	14.2
11/10/98	5190	20.5	<5.0	<500	<1.0	<30	<20	<5.0	<20	6.79	<0.10	304	1300	<0.05	95.4	12.7
05/06/99	4510	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.10	378	1230	<0.05	97.9	11.4
11/03/99	5130	23.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	6.96	<0.05	356	1450	<0.05	93.6	12.3
05/10/00	4990	21.0	<5.0	317	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	357	1260	0.09	92.8	12.3
11/07/00	4960	22.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	377	1150	<0.05	88.1	11.8
05/09/01	5290	21.7	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	332	1250	<0.05	95.0	11.1
11/14/01	5880	21.6	<5.0	<500	<1.0	<30	<20	<5.0	<20	7.70	<0.05	340	1270	<0.05	114	11.4
05/14/02	6100	20.8	<5.0	<500	<1.0	<30	<20	<5.0	<20	11.9	<0.05	320	1340	<0.05	103	11.5
11/06/02	5320	21.0	<5.0	<500	<1.0	<30	<20	<5.0	<20	11.4	<0.05	313	1240	<0.05	100	9.56
05/21/03	5320	18.9	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	356	1190	<0.05	114	9.43
11/11/03	5827	22.2	<5.0	<500	<1.0	<30	<20	<5.0	<20	13.8	<0.05	373	1310	0.06	106	9.76
06/02/04	5840	20.5	<5.0	639	<1.0	<30	<20	<5.0	<20	13.9	<0.05	285	1260	<0.05	103	9.45
11/09/04	5759	23.1	<5.0	<500	<1.0	<30	<20	<5.0	28.1	11.6	<0.05	277	1170	0.09	90.0	9.90
05/03/05	5203	18.5	<5.0	<500	<1.0	<30	<20	<5.0	<20	<5.0	<0.05	281	1070	0.11	88.0	8.01
11/08/05	5391	24.9	<5.00	<500	<1.00	<30	<20	<5.00	39.3	<5.00	<0.05	283	1010	0.21	84.8	10.2
05/30/06	5730	20.7	–	–	–	–	–	–	–	–	–	–	–	–	–	–
08/15/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/06	4953	23.2	<5	<500	<1	<30	<20	<5	10.0	<5	<0.05	314	1290	<0.05	90.1	12.6
02/14/07	4924	13.4	–	–	–	–	–	–	–	–	–	–	–	–	–	–
05/03/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
08/27/07	5982	31.2	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/07	5797	17.1	6.50	33.0	<1	2.70	5.50	<1	18.0	5.80	<0.05	300	1200	<0.05	88.0	12.0

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MW-20																
Date	Nitrate (mg/L)	Sodium (mg/L)	Sulfate (mg/L)	TDS (mg/L)	Total Alkalinity as CaCO3 (mg/L)	pH (std units)	Antimony (ug/L)	Arsenic (ug/L)	Barium (ug/L)	Beryllium (ug/L)	Cadmium (ug/L)	Chromium (ug/L)	Cobalt (ug/L)	Copper (ug/L)	Lead (ug/L)	Nickel (ug/L)
11/06/96	0.07	882	498	3800	742	6.85	–	–	–	–	–	–	–	–	–	–
02/07/97	0.07	768	494	3590	684	6.98	–	–	–	–	–	–	–	–	–	–
05/08/97	0.22	827	657	3950	672	7.10	–	–	–	–	–	–	–	–	–	–
08/06/97	0.39	807	695	3950	756	7.01	–	–	–	–	–	–	–	–	–	–
11/12/97	0.54	917	676	3900	592	6.52	–	–	–	–	–	–	–	–	–	–
02/10/98	0.22	802	939	3980	726	7.05	–	–	–	–	–	–	–	–	–	–
05/06/98	0.23	782	773	3940	700	7.13	–	–	–	–	–	–	–	–	–	–
08/05/98	0.41	838	708	3980	748	6.93	–	–	–	–	–	–	–	–	–	–
11/10/98	0.25	943	735	3880	742	7.01	–	–	–	–	–	–	–	–	–	–
05/06/99	0.32	799	719	3770	674	7.06	–	–	–	–	–	–	–	–	–	–
11/03/99	0.39	856	487	4220	776	7.02	–	–	–	–	–	–	–	–	–	–
05/10/00	0.13	901	670	3600	726	7.11	–	–	–	–	–	–	–	–	–	–
11/07/00	0.34	865	689	3860	710	7.26	–	–	–	–	–	–	–	–	–	–
05/09/01	0.27	799	417	3910	708	7.16	–	–	–	–	–	–	–	–	–	–
11/14/01	0.51	783	635	3800	710	7.61	–	–	–	–	–	–	–	–	–	–
05/14/02	0.38	878	419	3830	736	7.28	–	–	–	–	–	–	–	–	–	–
11/06/02	0.64	966	766	3940	790	6.81	–	–	–	–	–	–	–	–	–	–
05/21/03	0.64	861	761	3860	824	7.28	–	–	–	–	–	–	–	–	–	–
11/11/03	0.53	979	683	3640	768	7.03	–	–	–	–	–	–	–	–	–	–
08/02/04	0.67	1030	682	3830	752	6.96	–	–	–	–	–	–	–	–	–	–
11/09/04	0.47	917	571	3600	778	6.98	–	–	–	–	–	–	–	–	–	–
05/03/05	0.51	878	479	3350	796	6.98	–	–	–	–	–	–	–	–	–	–
11/08/05	0.13	826	514	3160	845	7.02	–	–	–	–	–	–	–	–	–	–
05/30/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
08/15/06	–	–	–	–	–	–	<5	5.86	35.0	<1	<1	84.0	<1	<5	<5	47.0
11/08/06	<0.05	874	631	3460	796	6.62	<5	<5.00	35.0	<1	<1	5.00	<1	<5	<5	8.00
02/14/07	–	–	–	–	–	7.40	<5	6.65	28.0	<1	<1	1.00	<1	<5	<5	5.00
05/03/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
08/27/07	–	–	–	–	–	7.09	<5	9.79	33.0	<1	<1	9.00	<1	<5	<1.00	7.00
11/08/07	0.07	850	730	3700	430	6.66	<5	6.90	33.0	<1	<1	7.60	1.50	5.70	<1	18.0

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MW-20					
Date	Selenium (µg/L)	Silver (µg/L)	Thallium (µg/L)	Vanadium (µg/L)	Zinc (µg/L)
11/06/96	--	--	--	--	--
02/07/97	--	--	--	--	--
05/08/97	--	--	--	--	--
08/06/97	--	--	--	--	--
11/12/97	--	--	--	--	--
02/10/98	--	--	--	--	--
05/06/98	--	--	--	--	--
08/05/98	--	--	--	--	--
11/10/98	--	--	--	--	--
05/06/99	--	--	--	--	--
11/03/99	--	--	--	--	--
05/10/00	--	--	--	--	--
11/07/00	--	--	--	--	--
05/09/01	--	--	--	--	--
11/14/01	--	--	--	--	--
05/14/02	--	--	--	--	--
11/06/02	--	--	--	--	--
05/21/03	--	--	--	--	--
11/11/03	--	--	--	--	--
06/02/04	--	--	--	--	--
11/09/04	--	--	--	--	--
05/03/05	--	--	--	--	--
11/08/05	--	--	--	--	--
05/30/06	--	--	--	--	--
08/15/06	11.0	<5	<5	2.00	23.0
11/08/06	<5	<5	<5	1.00	24.0
02/14/07	11.0	<5	<1	<1	32.0
05/03/07	--	--	--	--	--
08/27/07	10.0	<5	<1	<1	13.0
11/08/07	5.80	<5	<1	2.50	26.0

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-20																
Date	Acrolein (µg/L)	Acrylonitrile (µg/L)	Benzene (µg/L)	Bromobenzene (µg/L)	Bromodichloromethane (µg/L)	Bromoform (µg/L)	Carbon disulfide (µg/L)	Carbon tetrachloride (µg/L)	Chlorobenzene (µg/L)	Chloroethane (µg/L)	Chloroform (µg/L)	Dibromochloromethane (µg/L)	1,2-Dibromo-3-chloropropane (µg/L)	1,3-Dichlorobenzene (µg/L)	o-Dichlorobenzene (µg/L)	p-Dichlorobenzene (µg/L)
11/06/96	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
02/07/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/08/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
08/06/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/12/97	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/10/98	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/06/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/03/99	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/10/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/07/00	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/09/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/14/01	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/14/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/06/02	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/21/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/11/03	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
06/02/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/09/04	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/03/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
11/08/05	<20	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
05/30/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<10	<5	<5	<5	<5	<5	<5
05/03/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-20																
Date	trans-1,4-Dichloro-2-butene (ug/L)	1,1-Dichloroethene (ug/L)	1,2-Dichloroethene (ug/L)	1,1-Dichloroethane (ug/L)	cis-1,2-Dichloro ethylene (ug/L)	trans-1,2-Dichloro ethylene (ug/L)	1,2-Dichloropropane (ug/L)	cis-1,3-Dichloro propene (ug/L)	trans-1,3-Dichloro propene (ug/L)	Ethylbenzene (ug/L)	2-Hexanone (ug/L)	Methyl bromide (ug/L)	Methyl chloride (ug/L)	Methylene bromide (ug/L)	Methylene chloride (ug/L)	Methyl ethyl ketone (ug/L)
11/06/96	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
02/07/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/08/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
08/06/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/12/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/10/98	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
05/06/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<20	<50	<5.0	<5.0	<20
11/03/99	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/10/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/07/00	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/09/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/14/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/14/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/21/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/11/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
06/02/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/09/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/03/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
11/08/05	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20
05/30/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/06	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<10	<5	<10	<5	<5	<20
05/03/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/07	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<10	<5.0	<5.0	<20

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Analytical Data

MW-20															
Date	Methyl bromide (ug/L)	4-Methyl-2-pentanone (ug/L)	Styrene (ug/L)	1,1,1,2-Tetrachloroethane (ug/L)	1,1,2,2-Tetrachloroethane (ug/L)	Tetrachloroethylene (ug/L)	Toluene (ug/L)	1,1,1-Trichloroethane (ug/L)	1,1,2-Trichloroethane (ug/L)	Trichloroethylene (ug/L)	Trichlorofluoromethane (ug/L)	1,2,3-Trichloropropane (ug/L)	Vinyl acetate (ug/L)	Vinyl chloride (ug/L)	Total Xylenes (ug/L)
11/06/96	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
02/07/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/08/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
08/06/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/12/97	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/10/98	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
05/06/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10
11/03/99	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/10/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/07/00	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/09/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/14/01	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/14/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/06/02	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/21/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/11/03	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
06/02/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/09/04	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/03/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
11/08/05	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10
05/30/06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/06	<5	<10	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<2	<10
05/03/07	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
11/08/07	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<10

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Site Map Showing Proposed Groundwater Monitoring System

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3
Page No. III-5-30
Project No. L-01-649
Revision No. 0, August 1996
Revision No. 1, March 2008

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Groundwater Contour Map
Uppermost Aquifer

1996 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.1
Page No. III-5-30A
Project No. L-01-649
Revision No. 0, March 2008
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Groundwater Contour Map
Uppermost Aquifer

1997 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.2
Page No. III-5-30B
Project No. L-01-649
Revision No. 0, March 2008
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Groundwater Contour Map
Uppermost Aquifer

1998 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.3
Page No. III-5-30C
Project No. L-01-649
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Groundwater Contour Map
Uppermost Aquifer

1999 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.4
Page No. III-5-30D
Project No. L-01-649
Revision No. 0, March 2008
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Groundwater Contour Map
Uppermost Aquifer

2000 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.5
Page No. III-5-30E
Project No. L-01-649
Revision No. 0, March 2008
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ENVIRONMENTAL, INC.
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Nacogdoches, Texas 75964
(936) 568-9451 Fax: (936) 568-9527

Groundwater Contour Map
Uppermost Aquifer

2001 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.6
Page No. III-5-30F
Project No. L-01-649
Revision No. 0, March 2008
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HYDRO
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Groundwater Contour Map
Uppermost Aquifer

2002 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.7
Page No. III-5-30G
Project No. L-01-649
Revision No. 0, March 2008
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ENVIRONMENTAL, INC.
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Groundwater Contour Map
Uppermost Aquifer

2003 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.8
Page No. III-5-30H
Project No. L-01-649
Revision No. 0, March 2008
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HYDROGEX
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Groundwater Contour Map
Uppermost Aquifer

2004 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.9
Page No. III-5-301
Project No. L-01-649
Revision No. 0, March 2008
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Hydrex
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Groundwater Contour Map
Uppermost Aquifer

2005 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.10
Page No. III-5-30J
Project No. L-01-649
Revision No. 0, March 2008
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Hudson
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Groundwater Contour Map
Uppermost Aquifer

2006 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.11
Page No. III-5-30K
Project No. L-01-649
Revision No. 0, March 2008
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ENVIRONMENTAL, INC.
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Groundwater Contour Map
Uppermost Aquifer

2007 Average Water Levels

Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

Exhibit 8.3.12
Page No. III-5-30L
Project No. L-01-649
Revision No. 0, March 2008
Draftsman: CAC

MONITOR WELL CONSTRUCTION DETAILS

STATE OF TEXAS
GLEN A. COLLIER
GEOLOGY
25
LICENSED
PROFESSIONAL GEOSCIENTIST

NOT TO SCALE

ARCADIS ENVIRONMENTAL, INC. 1120 NW Stallings Drive Nacogdoches, Texas 75964-3428 (936) 568-9451 Fax: (936) 568-9527	Monitor Well Construction Details	Exhibit 8.3.13 / Job No. L-01-649 Angelina County Waste Management Center Permit No. MSW 2105A Angelina County, Texas Page No. III-5-30M / Revision No. 0, March 2008

8.7 Tabulation of Water Level Measurements

Angelina County Waste Management Center, Permit No. MSW 2105A, Angelina County, TX - Water Level Elevations (feet, msl)

Monitor Well	02/07/96	05/09/96	08/12/96	11/07/96	02/05/97	05/07/97	08/04/97	11/10/97	05/05/98	11/09/98	05/05/99	11/02/99	05/09/00	11/06/00	05/08/01	11/13/01	05/13/02
MW-1B	269.26	267.58	269.59	269.91	269.54	269.61	269.99	270.00	270.35	269.40	270.96	270.39	271.07	271.40	271.14	271.10	271.26
MW-2	275.24	274.88	274.80	274.70	274.49	274.28	274.82	274.26	274.10	274.10	274.05	–	–	–	274.09	274.58	274.72
MW-3	269.83	269.04	269.93	269.53	268.87	269.51	270.42	270.04	269.75	269.62	269.62	269.30	258.87	269.26	269.26	269.56	269.66
MW-4	259.65	259.74	258.07	259.04	260.07	261.30	260.80	259.92	261.30	259.61	261.12	259.52	260.66	259.34	261.63	259.67	259.55
MW-5	256.87	257.12	256.22	256.32	255.77	258.22	258.06	257.95	258.50	258.82	258.10	256.54	257.24	256.40	258.34	257.59	258.20
MW-12A	277.06	277.27	277.18	277.24	277.28	277.71	277.73	277.85	278.32	277.98	278.36	277.32	278.45	278.98	278.32	278.12	278.55
MW-13B	270.05	270.52	270.59	271.77	271.13	271.19	271.44	271.54	271.99	271.93	272.03	270.10	272.91	273.28	273.13	269.18	273.29
MW-14	280.51	280.67	280.69	280.47	280.05	280.43	280.58	280.90	281.07	280.98	281.27	280.45	280.91	279.49	280.41	280.43	280.45
MW-15A	274.67	276.47	275.53	276.30	276.43	276.22	275.94	276.36	276.65	275.50	275.95	275.17	276.73	274.31	275.37	275.38	275.38
MW-15B	271.03	270.57	270.64	270.61	270.63	270.67	270.93	271.00	271.42	271.50	271.99	271.36	272.01	271.30	271.95	272.04	272.13
MW-18	–	–	–	269.29	269.30	269.44	269.68	269.69	270.02	269.96	270.25	266.05	270.68	271.17	270.73	270.67	270.86
MW-20	–	–	–	268.61	266.37	263.00	265.64	267.36	264.27	267.81	264.97	267.44	264.37	268.96	263.88	267.00	268.02
MW-CA1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Monitor Well	11/05/02	05/20/03	11/10/03	06/01/04	09/07/04	11/08/04	05/02/05	11/07/05	01/03/06	05/31/06	08/14/06	11/07/06	02/14/07	05/02/07	08/27/07	11/07/07
MW-1B	271.59	271.55	271.48	271.98	272.06	271.81	272.00	272.03	272.38	272.27	272.38	272.33	272.38	272.65	272.62	272.20
MW-2	274.97	274.59	275.15	274.82	276.14	274.89	276.44	–	–	–	–	–	–	–	–	–
MW-3	270.21	269.82	269.69	270.49	271.03	270.22	270.08	269.30	268.77	268.68	269.32	268.97	267.83	268.84	269.06	269.06
MW-4	260.28	259.71	259.15	260.24	260.29	260.09	260.70	258.78	258.60	258.00	258.25	258.47	259.52	260.10	259.67	259.10
MW-5	257.57	258.14	257.27	258.80	258.83	258.27	259.68	256.92	258.87	258.95	258.20	258.42	257.14	257.97	258.08	257.44
MW-12A	278.52	278.87	278.50	279.60	279.57	279.08	279.56	278.59	278.57	278.23	277.97	277.99	278.74	279.11	279.21	278.83
MW-13B	273.48	273.50	273.41	274.31	274.38	273.99	274.45	274.50	274.60	274.61	274.48	274.60	274.38	274.98	275.04	275.03
MW-14	280.69	280.35	280.25	280.76	280.78	280.45	280.65	280.91	281.31	281.04	281.09	281.16	281.11	281.29	281.10	280.68
MW-15A	276.71	276.51	274.38	276.91	275.78	274.98	275.68	275.78	276.25	276.97	275.97	276.98	275.99	276.22	276.01	275.54
MW-15B	272.58	272.45	272.38	272.90	272.59	272.61	272.88	273.04	273.49	273.27	273.31	273.37	273.39	273.64	273.51	273.14
MW-18	271.28	271.16	271.14	271.68	271.74	271.30	271.57	271.70	272.18	272.01	272.02	272.08	272.07	272.45	272.34	271.92
MW-20	269.02	268.60	268.92	269.04	269.10	268.61	268.48	267.70	268.95	263.61	268.48	267.07	264.71	264.71	268.24	268.64
MW-CA1	–	–	–	–	271.45	271.31	271.83	271.73	272.15	272.03	271.99	272.20	272.00	272.48	272.35	272.14

Section 4

PERMIT MODIFICATION

Revision to the Groundwater Monitoring System Design
Angelina County Waste Management Center
Permit No. MSW 2105A
Angelina County, Texas

APPLICANT CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Authorized Representative: Honorable Wes Suiter

Title: Angelina County Judge

Signature: _____

Date: 3/20/2008

Section 5

Hydrex
ENVIRONMENTAL, INC.

March 18, 2008

MC-214
Ms. Jacqueline Mgebroff
Revenue Section
Office of Administrative Services
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, TX 78711-3087

Re: **Application Fee Submittal for the Permit Modification for Changes to the Groundwater Monitoring System Design Angelina County Waste Management Center MSW Permit No. 2105A Angelina County, Texas**

Dear Ms. Mgebroff:

On behalf of Angelina County, and as required by 30 TAC §330.59(h)(1), we submit the attached application fee ($150.00) for the permit modification submitted for changes to the groundwater monitoring system for Angelina County Waste Management Center, MSW Permit No. 2105A, Angelina County, Texas.

If you have any questions regarding this information, please feel free to contact me at (936) 568-9451 or by e-mail at tscarborough@hydrex-inc.com.

Sincerely,
Hydrex Environmental, Inc.

Leonell N. Scarborough, P.G.
Hydrogeologist

cc: MC 124
Mr. Jeff Davis, Team Leader
MSW Permits Section
Office of Waste Management, Permits Division
Texas Commission on Environmental Quality
P. O. Box 13087
Austin, TX 78711-3087

Mr. Chris Fitzgerald
Landfill Manager
Angelina County Waste Management Center
P.O. Box 1862
Lufkin, TX 75902-1862

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FAX 936-568-9527

14409

HYDREX ENVIRONMENTAL, INC.
1120 NW STALLINGS DRIVE
NACOGDOCHES, TX 75964-3428
(936) 568-9451

REGIONS BANK
TEXAS

88-78-1119

3/19/2008

PAY TO THE ORDER OF: Texas Commission on Environmental Quality $ **150.00

One Hundred Fifty and 00/100********** DOLLARS

Security features. Details on back.

Texas Commission on Environmental Quality
Revenue Section
Office of Admin. Service
PO Box 13087
Austin, TX 78711-3087

MEMO Subchapter J GW Mod, App Fee

HYDREX ENVIRONMENTAL, INC.

AUTHORIZED SIGNATURE

[redacted]

HYDREX ENVIRONMENTAL, INC. 14409

Texas Commission on Environmental Quality	3/19/2008	
ACWMC (MSW # 2105A)		150.00

Checking Acct - Regio ,Subchapter J GW Mod, App Fee 150.00