MAKuehl Co.

Data Validation

Lab/Field Audits

QA Plans

WI DNR
RECEIVED
OCT 18 2000
NER WASTE/RR

TECHNICAL MEMORANDUM

DATE: October 11, 2000

TO: Judy Fassbender
Project Manager
Applied Environmental Solutions

MASTER FILE COPY
PROJECT # F119
CC: DLM
3 COMB BOUND

FROM: Marcia A. Kuehl
President/Owner
MAKuehl Company

SUBJECT: Data Validation for Better Brite Site
Job # 119
May, 2000 Sampling Event

1.0 OVERVIEW

Analytical results (Method 8260B volatiles, total chromium, hexavalent chromium) for the samples listed in Table 1 collected at the Better Brite site in De Pere, Wisconsin between May 1-5, and June 5, 2000 have been evaluated using the EPA guidance documents "National Functional Guidelines for Organic Data Review", dated October 1999, EPA-540/R-99/008, and "National Functional Guidelines for Inorganic Data Review", dated February, 1994, EPA-540/R-94-013 revised to contain the analytical method and laboratory historical QC limits as appropriate.

The review was based on the Level IV data packages supplied by the analytical laboratory, TestAmerica, located in Watertown, Wisconsin.

DQO Level IV Attainment

Only trip blank methylene chloride data needed qualification as undetected due to lab blank contamination (UB). All volatile organic data was usable based on the documentation supplied.

Total chromium data was usable as reported without qualification. Hexavalent chromium data was usable as reported without qualification. However, in samples MW-116 and MW-116D the hexavalent chromium concentration exceeded the total chromium concentration. All calculations were rechecked and no errors were detected.

All qualifiers assigned during the data validation process are discussed in detail below. The validated data sheets are attached.

3470 Charlevoix Ct. Green Bay, Wisconsin 54311 Phone/Fax 920.469.9113 Email makuehl@aol.com

2.0 VOLATILE ORGANICS

TestAmerica utilized EPA SW846 method 8260B. No deviations from this method was apparent from the documentation supplied.

2.1 Completeness Assessment

The Level IV data packages received for volatile organic analysis were missing some initial calibration and tuning data. The Project Manager was contacted and additional data was received from the laboratory on October 9, 2000.

2.2 Compliance Assessment

2.2.1 Holding Times/Preservation

All samples were analyzed within the 14 day holding time for preserved samples and the 7 day holding time for unpreserved samples. Sample temperature upon receipt at the lab was acceptable. No action was taken to qualify sample data based on this documentation lapse.

2.2.1 Initial Calibration/Tuning

All Bromofluorobenzene tuning criteria were met each day samples were analyzed. No action was needed to qualify sample data.

Multipoint initial calibration curves were analyzed using at least 5 concentrations. All relative response factors were within the method criteria. The allowable 15% rsd criteria for initial calibration was not exceeded for any compounds. No action was needed to qualify sample data.

2.2.2 Continuing Calibration

A mid-level calibration standard was analyzed every 12 hours. The percent difference (%D) between the initial calibration average RRF and the continuing calibration RRF was within the 20%percent criteria used for data validation. No action was needed to qualify sample data.

2.2.3 Laboratory Blanks

Tetrahydrofuran, a non-target analyte, was detected in three aqueous laboratory method blanks analyzed with the project samples at 0.91-1.90 ug/L. One sample analyzed with these lab blanks (MW-2) also contained tetrahydrofuran, but as it was not a reported analyte, no action was needed to qualify sample data.

Methylene chloride was detected in the laboratory blank analyzed with MW-116 and MW-116D at a

concentration of 2.0 ug/L. Detected methylene chloride in the trip blank detected on 6/5/00 was qualified with a B code indicating that the compound was detected in a lab blank. In accordance with EPA Data Validation Functional Guidelines Section V.E.2, the methylene chloride concentration reported was also qualified with a U code indicating undetected due to lab blank contamination.

2.2.4 Surrogate Recoveries

Surrogate recoveries of bromofluorobenzene, d_8-toluene and dibromofluoromethane in all project samples were all within the method and lab internal recovery criteria. No action was needed to qualify sample data based on surrogate recovery exceedances. One laboratory blank did not exhibit any surrogate recovery due to a spiking error. No action was taken to qualify sample data based on this error.

2.2.5 Matrix Spike/Matrix Spike Duplicates

Recovery of eleven target volatile organics in project samples selected for MS/MSD analysis were all within method and lab internal recovery and RPD limits. No action was needed to qualify sample data.

2.2.6 Internal Standard Areas

Internal standard areas in all samples were within the EPA limits of -50% to +100% No action was needed to qualify sample data.

2.3 Field QC Results

One field duplicate was collected with the project samples on June 5, 2000. Results of detected volatile organics and the calculated relative percent difference (RPD) in sample MW-116 and its field duplicate, MW-116D are presented in Table 2. Field duplicate RPD was less than that expected due to analytical method variability. No action was needed to qualify sample data.

The trip blank collected on 5/3/00 contained 0.58 ug/L methylene chloride and the trip blank collected on 6/5/00 contained 0.69 ug/L. As no project samples contained methylene chloride, no action was needed to qualify sample data.

2.4 Data Usability

Only trip blank methylene chloride data needed qualification as undetected due to lab blank contamination (UB). All volatile organic data was usable based on the documentation supplied.

3.0 TOTAL CHROMIUM DATA

TestAmerica utilized EPA method 218.1. No deviations from this method were apparent from the

documentation supplied.

3.1 Completeness Assessment

The Level IV data packages received for total chromium were complete.

3.2 Compliance Assessment

3.2.1 Holding Time/Preservation

All samples were analyzed within the 28 day holding time. Sample temperature upon receipt at the lab was acceptable. No verification of aqueous sample pH upon analysis was available to verify that the samples were adequately preserved to pH < 2. No action was taken to qualify sample data based on this documentation lapse.

3.2.2 Laboratory Blanks

No total chromium was detected above the detection limit in any of the lab blanks analyzed with the project samples. No action was needed to qualify sample data.

3.2.3 Laboratory Control Sample (LCS)

All LCS recoveries were within EPA recovery limits.

3.2.4 Laboratory Duplicate Sample Precision

Laboratory duplicate results in all project samples met the data validation precision limit of 20%RPD or ± detection limit. No action was needed to qualify sample data.

3.2.5 Matrix Spike Sample Recovery

All matrix spike sample recoveries of total chromium were within the data validation recovery limits of 75-125% No action was needed to qualify sample data.

3.3 Field QC Results

No field blanks were collected with the project samples. No assessment of field contamination could be made.

One field duplicate was collected with the project samples on June 5, 2000. Total chromium results and the calculated relative percent difference (RPD) in sample MW-116 and its field duplicate, MW-116D are presented in Table 2. Field duplicate RPD was less than that expected due to analytical method

variability. No action was needed to qualify sample data.

3.4 Data Usability

Total chromium data was usable as reported without qualification.

4.0 HEXAVALENT CHROMIUM

TestAmerica utilized Standard Methods for the Examination of Water and Wastewater method 3500. No deviations from this method were apparent from the documentation supplied.

4.1 Completeness Assessment

The Level IV data packages received for hexavalent chromium were complete except for some missing initial calibration curve data which was received later.

4.2 Compliance Assessment

4.2.1 Holding Time/Preservation

All aqueous samples were analyzed within the 24 hour holding time. Sample temperature upon receipt at the lab was acceptable. No action was needed to qualify sample data.

4.2.2 Calibration

The five point initial calibration curve correlation coefficient was within the method criteria of 0.995. No action was needed to qualify sample data.

4.2.3 Laboratory Blanks

No hexavalent chromium was detected in any of the lab blanks analyzed with the samples. No action was needed to qualify sample data.

4.2.4 Laboratory Control Sample (LCS)

All LCS recoveries were within EPA recovery limits. No action was needed to qualify sample data.

4.2.5 Laboratory Duplicate Sample Precision

Laboratory duplicate results all met the data validation precision limit of 20%RPD ± detection limit . No action was needed to qualify sample data.

4.3 Field QC Results

No field blanks were collected with the project samples. No assessment of field contamination could be made.

One field duplicate was collected with the project samples on June 5, 2000. Total chromium results and the calculated relative percent difference (RPD) in sample MW-116 and its field duplicate, MW-116D are presented in Table 2. Field duplicate RPD was less than that expected due to analytical method variability. No action was needed to qualify sample data.

4.4 Data Usability

Hexavalent chromium data was usable as reported without qualification. However, in samples MW-116 and MW-116D the hexavalent chromium concentration exceeded the total chromium concentration. All calculations were rechecked and no errors were detected.

If you have any questions regarding the qualification of data or the data validation process/criteria used, please contact me at (920) 469-9113.

Attachments:

Tables 1, 2
Validated Data Sheets

Table 1 Sample Data Validated for Better Brite

Sample ID	Analyte(s) validated
EQ-1	volatiles, total Cr, hex Cr
EQ-2	volatiles, total Cr, hex Cr
Trip Blank	volatiles
MW-2	volatiles, total Cr, hex Cr
Zinc Sump F119	volatiles, total Cr, hex Cr
MW-3	total Cr, hex Cr
MW-4	total Cr, hex Cr
MW-4A	total Cr, hex Cr
MW-5	total Cr, hex Cr
MW-5A	total Cr, hex Cr
MW-6	total Cr, hex Cr
MW-6A	total Cr, hex Cr
MW-6D	total Cr, hex Cr
MW-7	total Cr, hex Cr
MW-7A	total Cr, hex Cr
MW-7D	total Cr, hex Cr
MW-8	total Cr, hex Cr
MW-8A	total Cr, hex Cr
MW-9	total Cr, hex Cr
MW-10	total Cr, hex Cr
MW-11	total Cr, hex Cr
MW-12	total Cr, hex Cr
MW-106	total Cr, hex Cr
MW-106A	total Cr, hex Cr
MW-107	total Cr, hex Cr
MW-107A	total Cr, hex Cr
MW-107D	total Cr, hex Cr
MW-108A	total Cr, hex Cr
MW-110	total Cr, hex Cr
MW-110A	total Cr, hex Cr
MW-111	total Cr, hex Cr
MW-112	total Cr, hex Cr
MW-113	total Cr, hex Cr
MW-115	total Cr, hex Cr
MW-115A	total Cr, hex Cr
MW-116	volatiles, total Cr, hex Cr
MW-116D	volatiles, total Cr, hex Cr
Trip Blank	volatiles

Table 2 Detected Compounds in Field Duplicates

Better Brite							
May-June 2000							
Element	**MDL**	**Units**	**MW-116**	**Q**	**MW-116D**	**Q**	**RPD**
hexavalent chromium	0.0042	mg/L	1.6		1.5		6
total chromium	0.026	mg/L	0.47		0.46		2
dichlorodifluoromethane	0.25	ug/L	5.8		4.9		17
1,1-dichloroethane	0.25	ug/L	1.6		1.3		21
tetrachloroethene	0.25	ug/L	1.7		1.5		13
1,1,1-trichloroethane	0.25	ug/L	3.2		2.4		29
trichlorofluoromethane	0.25	ug/L	4.4		3.5		23

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/16/2000
Job No: 00.03645
Sample No: 393886
Account No: 39150

JOB DESCRIPTION: Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: EQ-1 Better Brite
Rec'd on ice

Date/Time Taken: 05/03/2000 15:25 Date Received: 05/04/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/04/2000		598
Chromium, GFAA	0.0038	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574
VOC - AQUEOUS - EPA 8260B								
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/08/2000		1905
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/08/2000		1905
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000		1905

MH 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/16/2000
Job No: 00.03645
Sample No: 393886
Account No: 39150

JOB DESCRIPTION: Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: EQ-1 Better Brite
Rec'd on ice

Date/Time Taken: 05/03/2000 15:25 Date Received: 05/04/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Toluene	0.14	ug/L	0.10	0.33	SW 8260B	05/08/2000	1905
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/08/2000	1905
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/08/2000	1905
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Surr: Dibromofluoromethane	97.0	%		88-116	SW 8260B	05/08/2000	1905
Surr: Toluene-d8	99.6	%		88-113	SW 8260B	05/08/2000	1905
Surr: Bromofluorobenzene	94.4	%		91-111	SW 8260B	05/08/2000	1905

MAY 10 10 00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394263
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: EQ-2 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 13:20 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000	599
Chromium, GFAA	0.00082	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000	989 577
VOC - AQUEOUS - EPA 8260B							
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908

MAV 6-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394263
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: EQ-2 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 13:20 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Surr: Dibromofluoromethane	98.6	%		88-116	SW 8260B	05/10/2000	1908
Surr: Toluene-d8	105.8	%		88-113	SW 8260B	05/10/2000	1908
Surr: Bromofluorobenzene	99.4	%		91-111	SW 8260B	05/10/2000	1908

MAW 10/10/00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/16/2000
Job No: 00.03645
Sample No: 393893
Account No: 39150

JOB DESCRIPTION: Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: Trip Blank Better Brite
Rec'd on ice

Date/Time Taken: 05/03/2000 UNKNOWN Date Received: 05/04/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B							
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/08/2000	1905
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/08/2000	1905
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905

MAY 10 10 00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/16/2000
Job No: 00.03645
Sample No: 393893
Account No: 39150

JOB DESCRIPTION: Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: Trip Blank Better Brite
Rec'd on ice

Date/Time Taken: 05/03/2000 UNKNOWN Date Received: 05/04/2000

Parameter		Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Isopropylbenzene		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
p-Isopropyltoluene		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Methylene Chloride	L	0.58	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Methyl-t-butyl ether		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Naphthalene		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
n-Propylbenzene		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Styrene		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,1,1,2-Tetrachloroethane		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,1,2,2-Tetrachloroethane		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Tetrachloroethene		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Toluene		<0.10	ug/L	0.10	0.33	SW 8260B	05/08/2000	1905
1,2,3-Trichlorobenzene		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,2,4-Trichlorobenzene		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,1,1-Trichloroethane		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,1,2-Trichloroethane		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Trichloroethene		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Trichlorofluoromethane		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,2,3-Trichloropropane		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
1,2,4-Trimethylbenzene		<0.10	ug/L	0.10	0.33	SW 8260B	05/08/2000	1905
1,3,5-Trimethylbenzene		<0.10	ug/L	0.10	0.33	SW 8260B	05/08/2000	1905
Vinyl Chloride		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Xylenes, Total		<0.25	ug/L	0.25	0.83	SW 8260B	05/08/2000	1905
Surr: Dibromofluoromethane		97.4	%		88-116	SW 8260B	05/08/2000	1905
Surr: Toluene-d8		97.6	%		88-113	SW 8260B	05/08/2000	1905
Surr: Bromofluorobenzene		93.2	%		91-111	SW 8260B	05/08/2000	1905

MAW 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394262
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-2 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 15:10 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000	599
Chromium, GFAA	0.0076	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000	989 577
VOC - AQUEOUS - EPA 8260B							
Benzene	1.3	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
sec-Butylbenzene	0.71	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908

MAW 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394262
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-2 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 15:10 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	0.37	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Isopropylbenzene	2.6	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Methyl-t-butyl ether	34	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
n-Propylbenzene	0.53	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Toluene	0.12	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,1-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Surr: Dibromofluoromethane	99.8	%		88-116	SW 8260B	05/10/2000	1908
Surr: Toluene-d8	104.4	%		88-113	SW 8260B	05/10/2000	1908
Surr: Bromofluorobenzene	100.8	%		91-111	SW 8260B	05/10/2000	1908

MAH (0102)

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394256
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: Zinc Sump F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 16:30 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	1.8	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000	599
Chromium, GFAA	1.7	mg/L	0.00052	0.0018	EPA 218.2	05/18/2000	989 577
VOC - AQUEOUS - EPA 8260B							
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908

MH 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394256
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: Zinc Sump F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 16:30 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Tetrachloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,1-Trichloroethane	1.4	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Trichlorofluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	05/10/2000	1908
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	05/10/2000	1908
Surr: Dibromofluoromethane	97.8	%		88-116	SW 8260B	05/10/2000	1908
Surr: Toluene-d8	104.0	%		88-113	SW 8260B	05/10/2000	1908
Surr: Bromofluorobenzene	100.8	%		91-111	SW 8260B	05/10/2000	1908

MAR 10/10/00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03709
Sample No: 394437
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-3 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/05/2000 09:45 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	0.23	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000		599
Chromium, GFAA	0.33	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000	989	577

MH 10/10/00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/16/2000
Job No: 00.03645
Sample No: 393885
Account No: 39150

JOB DESCRIPTION: Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-4 Better Brite
Rec'd on ice

Date/Time Taken: 05/03/2000 15:40 Date Received: 05/04/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/04/2000		598
Chromium, GFAA	0.0046	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MAL 10/20

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/16/2000
Job No: 00.03645
Sample No: 393887
Account No: 39150

JOB DESCRIPTION: Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-4A Better Brite
Rec'd on ice

Date/Time Taken: 05/03/2000 16:08 Date Received: 05/04/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/04/2000		598
Chromium, GFAA	0.0087	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MAN 10-10-00

602 Commerce Drive / Watertown, WI 53094 / 920-261-1660 / Fax: 920-261-8120
WDNR No. 128053530

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394257
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-5 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 16:50 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	0.12	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000		599
Chromium, GFAA	0.19	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000	989	577

MAW 10/10/00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394254
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-5A F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 16:55 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000		599
Chromium, GFAA	0.0065	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000	989	577

MAW 10/00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394260
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-6 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 14:25 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	23	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000	599
Chromium, AA	26	mg/L	0.026	0.091	EPA 218.1	05/17/2000	1597 832

MAW 10-10 20

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394265
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-6A F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 14:40 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	0.0066	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000	599
Chromium, GFAA	0.022	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000 989	577

MAW 10/10/00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394261
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-6D F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 14:30 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	22	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000	599
Chromium, AA	26	mg/L	0.026	0.091	EPA 218.1	05/17/2000	1597 832

Mth 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394266
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-7 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 13:10 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000		599
Chromium, GFAA	0.0039	mg/L	0.00052	0.0018	EPA 218.2	05/15/2000	989	575

MAW 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394267
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-7A F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 13:00 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000	599
Chromium, GFAA	0.0047	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000 989	577

MW 10-10 00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394264
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-7D F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 13:20 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000		599
Chromium, GFAA	0.0016	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000	989	577

MH 10/10/00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/16/2000
Job No: 00.03645
Sample No: 393891
Account No: 39150

JOB DESCRIPTION: Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-8 Better Brite
Rec'd on ice

Date/Time Taken: 05/03/2000 14:10 Date Received: 05/04/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/04/2000	598
Chromium, GFAA	0.015	mg/L	0.00052	0.0018	EPA 218.2	05/15/2000 989	575

MAW 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/16/2000
Job No: 00.03645
Sample No: 393892
Account No: 39150

JOB DESCRIPTION: Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-8A Better Brite
Rec'd on ice

Date/Time Taken: 05/03/2000 14:25 Date Received: 05/04/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/04/2000		598
Chromium, GFAA	0.016	mg/L	0.00052	0.0018	EPA 218.2	05/15/2000	989	575

MH 5-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03709
Sample No: 394439
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-9 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/05/2000 10:20 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	0.013	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000		599
Chromium, GFAA	0.039	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000	989	577

MAr 10/10/00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03709
Sample No: 394438
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-10 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/05/2000 10:05 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	30	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000	599
Chromium, AA	30	mg/L	0.026	0.091	EPA 218.1	05/17/2000	1597 832

MAW 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/16/2000
Job No: 00.03645
Sample No: 393888
Account No: 39150

JOB DESCRIPTION: Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-11 Better Brite
Rec'd on ice

Date/Time Taken: 05/03/2000 13:36 Date Received: 05/04/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/04/2000		598
Chromium, GFAA	0.0070	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MAR 10/10/00

602 Commerce Drive / Watertown, WI 53094 / 920-261-1660 / Fax: 920-261-8120
WDNR No. 128053530

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394258
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-12 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 14:50 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000		599
Chromium, GFAA	0.0048	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000	989	577

MAW 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/10/2000
Job No: 00.03562
Sample No: 393540
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-106 F119 Better Brite
Rec'd on ice

Date/Time Taken: 05/02/2000 17:10 Date Received: 05/03/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/03/2000		597
Chromium, GFAA	0.0040	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MH 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/10/2000
Job No: 00.03562
Sample No: 393541
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-106A F119 Better Brite
Rec'd on ice

Date/Time Taken: 05/02/2000 17:05 Date Received: 05/03/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/03/2000		597
Chromium, GFAA	0.0094	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MAW 10-10-00

602 Commerce Drive / Watertown, WI 53094 / 920-261-1660 / Fax: 920-261-8120
WDNR No. 128053530

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/10/2000
Job No: 00.03562
Sample No: 393544
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-107 F119 Better Brite
Rec'd on ice

Date/Time Taken: 05/02/2000 16:00 Date Received: 05/03/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/03/2000		597
Chromium, GFAA	0.0042	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MAW 10/10/00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/10/2000
Job No: 00.03562
Sample No: 393542
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-107A F119 Better Brite
Rec'd on ice

Date/Time Taken: 05/02/2000 15:50 Date Received: 05/03/2000

Parameter		Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent		<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/03/2000		597
Chromium, GFAA	M	0.016	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MAW
10-10-00

602 Commerce Drive / Watertown, WI 53094 / 920-261-1660 / Fax: 920-261-8120
WDNR No. 128053530

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/10/2000
Job No: 00.03562
Sample No: 393543
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-107D F119 Better Brite
Rec'd on ice

Date/Time Taken: 05/02/2000 16:05 Date Received: 05/03/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/03/2000		597
Chromium, GFAA	0.0045	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MW 10-10-00

602 Commerce Drive / Watertown, WI 53094 / 920-261-1660 / Fax: 920-261-8120
WDNR No. 128053530

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/10/2000
Job No: 00.03531
Sample No: 393390
Account No: 39150

JOB DESCRIPTION: F116 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-108A F116 Better Brite
Rec'd on ice

Date/Time Taken: 05/01/2000 16:45 Date Received: 05/02/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/02/2000		596
Chromium, GFAA	0.055	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MAW
10-10-00

602 Commerce Drive / Watertown, WI 53094 / 920-261-1660 / Fax: 920-261-8120
WDNR No. 128053530

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/10/2000
Job No: 00.03531
Sample No: 393392
Account No: 39150

JOB DESCRIPTION: F116 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-110 F116 Better Brite
Rec'd on ice

Date/Time Taken: 05/01/2000 14:35 Date Received: 05/02/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/02/2000		596
Chromium, GFAA	0.037	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MAW
12-12-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/10/2000
Job No: 00.03531
Sample No: 393391
Account No: 39150

JOB DESCRIPTION: F116 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-110A F116 Better Brite
Rec'd on ice

Date/Time Taken: 05/01/2000 14:00 Date Received: 05/02/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run	Batch
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/02/2000		596
Chromium, GFAA	0.025	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MH 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/10/2000
Job No: 00.03531
Sample No: 393393
Account No: 39150

JOB DESCRIPTION: F116 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-111 F116 Better Brite
Rec'd on ice

Date/Time Taken: 05/01/2000 15:51 Date Received: 05/02/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/02/2000		596
Chromium, GFAA	0.036	mg/L	0.00052	0.0018	EPA 218.2	05/09/2000	988	574

MAr
10/10/00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/16/2000
Job No: 00.03645
Sample No: 393890
Account No: 39150

JOB DESCRIPTION: Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-112 Better Brite
Rec'd on ice

Date/Time Taken: 05/03/2000 12:55 Date Received: 05/04/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/04/2000		598
Chromium, GFAA	0.0041	mg/L	0.00052	0.0018	EPA 218.2	05/15/2000	989	575

Mtw
10 10 00

602 Commerce Drive / Watertown, WI 53094 / 920-261-1660 / Fax: 920-261-8120
WDNR No. 128053530

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/16/2000
Job No: 00.03645
Sample No: 393889
Account No: 39150

JOB DESCRIPTION: Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-113 Better Brite
Rec'd on ice

Date/Time Taken: 05/03/2000 12:45 Date Received: 05/04/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/04/2000		598
Chromium, GFAA	0.022	mg/L	0.00052	0.0018	EPA 218.2	05/15/2000	989	575

MAN 1/07/00

602 Commerce Drive / Watertown, WI 53094 / 920-261-1660 / Fax: 920-261-8120
WDNR No. 128053530

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394255
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-115 F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 15:35 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000	599
Chromium, GFAA	0.0060	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000 989	577

MAR 10/10 00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HSI GEOTRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

05/18/2000
Job No: 00.03691
Sample No: 394259
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: MW-115A F119 Better Brite
Rec'd on Ice

Date/Time Taken: 05/04/2000 15:55 Date Received: 05/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Chromium, hexavalent	<0.0042	mg/L	0.0042	0.015	SM 3500CrD	05/05/2000		599
Chromium, GFAA	0.012	mg/L	0.00052	0.0018	EPA 218.2	05/17/2000	989	577

MH
10-10-00

602 Commerce Drive / Watertown, WI 53094 / 920-261-1660 / Fax: 920-261-8120
WDNR No. 128053530

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

06/19/2000
Job No: 00.04709
Sample No: 398279
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: F119-MW-116 Better Brite
Rec'd on ice

Date/Time Taken: 06/05/2000 08:00 Date Received: 06/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	1.6	mg/L	0.0042	0.015	SM 3500CrD	06/05/2000	608
Chromium, AA	0.47	mg/L	0.026	0.091	EPA 218.1	06/19/2000	1643 842
VOC - AQUEOUS - EPA 8260B							
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Dichlorodifluoromethane	5.8	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1-Dichloroethane	1.6	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952

MLW 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

06/19/2000
Job No: 00.04709
Sample No: 398279
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: F119-MW-116 Better Brite
Rec'd on ice

Date/Time Taken: 06/05/2000 08:00 Date Received: 06/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Tetrachloroethene	1.7	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,1-Trichloroethane	3.2	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Trichlorofluoromethane	4.4	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Surr: Dibromofluoromethane	97.2	%		89-119	SW 8260B	06/08/2000	1952
Surr: Toluene-d8	97.4	%		86-105	SW 8260B	06/08/2000	1952
Surr: Bromofluorobenzene	99.8	%		89-107	SW 8260B	06/08/2000	1952

MAN 10/10/00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

06/19/2000
Job No: 00.04709
Sample No: 398280
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: F119-MW-116D Better Brite
Rec'd on ice

Date/Time Taken: 06/05/2000 08:00 Date Received: 06/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Chromium, hexavalent	1.5	mg/L	0.0042	0.015	SM 3500CrD	06/05/2000	608
Chromium, AA	0.46	mg/L	0.026	0.091	EPA 218.1	06/19/2000	1643 842
VOC - AQUEOUS - EPA 8260B							
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Dichlorodifluoromethane	4.9	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1-Dichloroethane	1.3	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952

MH 10.10.00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

06/19/2000
Job No: 00.04709
Sample No: 398280
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: F119-MW-116D Better Brite
Rec'd on ice

Date/Time Taken: 06/05/2000 08:00 Date Received: 06/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Isopropylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
p-Isopropyltoluene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Methylene Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Methyl-t-butyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Naphthalene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
n-Propylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Styrene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,1,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,2,2-Tetrachloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Tetrachloroethene	1.5	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Toluene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
1,2,3-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2,4-Trichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,1-Trichloroethane	2.4	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,2-Trichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Trichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Trichlorofluoromethane	3.5	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2,3-Trichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2,4-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
1,3,5-Trimethylbenzene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
Vinyl Chloride	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Xylenes, Total	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Surr: Dibromofluoromethane	87.6	%		89-119	SW 8260B	06/08/2000	1952
Surr: Toluene-d8	93.8	%		86-105	SW 8260B	06/08/2000	1952
Surr: Bromofluorobenzene	103.8	%		89-107	SW 8260B	06/08/2000	1952

MAN 10-10-00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

06/19/2000
Job No: 00.04709
Sample No: 398281
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: Trip Blank Better Brite
Rec'd on ice

Date/Time Taken: 06/05/2000 UNKNOWN Date Received: 06/05/2000

Parameter	Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
VOC - AQUEOUS - EPA 8260B							
Benzene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
Bromobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromochloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromodichloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromoform	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Bromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
n-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
sec-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
tert-Butylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Carbon Tetrachloride	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chlorodibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chloroform	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Chloromethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
2-Chlorotoluene	<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
4-Chlorotoluene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dibromo-3-Chloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dibromoethane (EDB)	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Dibromomethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,3-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,4-Dichlorobenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Dichlorodifluoromethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dichloroethane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
cis-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
trans-1,2-Dichloroethene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,3-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
2,2-Dichloropropane	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
cis-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
trans-1,3-Dichloropropene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Di-isopropyl ether	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Ethylbenzene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Hexachlorobutadiene	<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952

MAW 10 TO 00

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Dan Morgan
HYDRO-SEARCH/GEO TRANS
175 N. Corporate Drive
Suite 100
Brookfield, WI 53045

06/19/2000
Job No: 00.04709
Sample No: 398281
Account No: 39150

JOB DESCRIPTION: F119 Better Brite
PROJECT DESCRIPTION: Groundwater Analysis
SAMPLE DESCRIPTION: Trip Blank Better Brite
Rec'd on ice

Date/Time Taken: 06/05/2000 UNKNOWN Date Received: 06/05/2000

Parameter		Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch
Isopropylbenzene		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
p-Isopropyltoluene		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Methylene Chloride	L	0.69 BU	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Methyl-t-butyl ether		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Naphthalene		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
n-Propylbenzene		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Styrene		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,1,2-Tetrachloroethane		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,2,2-Tetrachloroethane		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Tetrachloroethene		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Toluene		<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
1,2,3-Trichlorobenzene		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2,4-Trichlorobenzene		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,1-Trichloroethane		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,1,2-Trichloroethane		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Trichloroethene		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Trichlorofluoromethane		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2,3-Trichloropropane		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
1,2,4-Trimethylbenzene		<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
1,3,5-Trimethylbenzene		<0.10	ug/L	0.10	0.33	SW 8260B	06/08/2000	1952
Vinyl Chloride		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Xylenes, Total		<0.25	ug/L	0.25	0.83	SW 8260B	06/08/2000	1952
Surr: Dibromofluoromethane		93.6	%		89-119	SW 8260B	06/08/2000	1952
Surr: Toluene-d8		95.6	%		86-105	SW 8260B	06/08/2000	1952
Surr: Bromofluorobenzene		100.8	%		89-107	SW 8260B	06/08/2000	1952

MAW 10-13-22