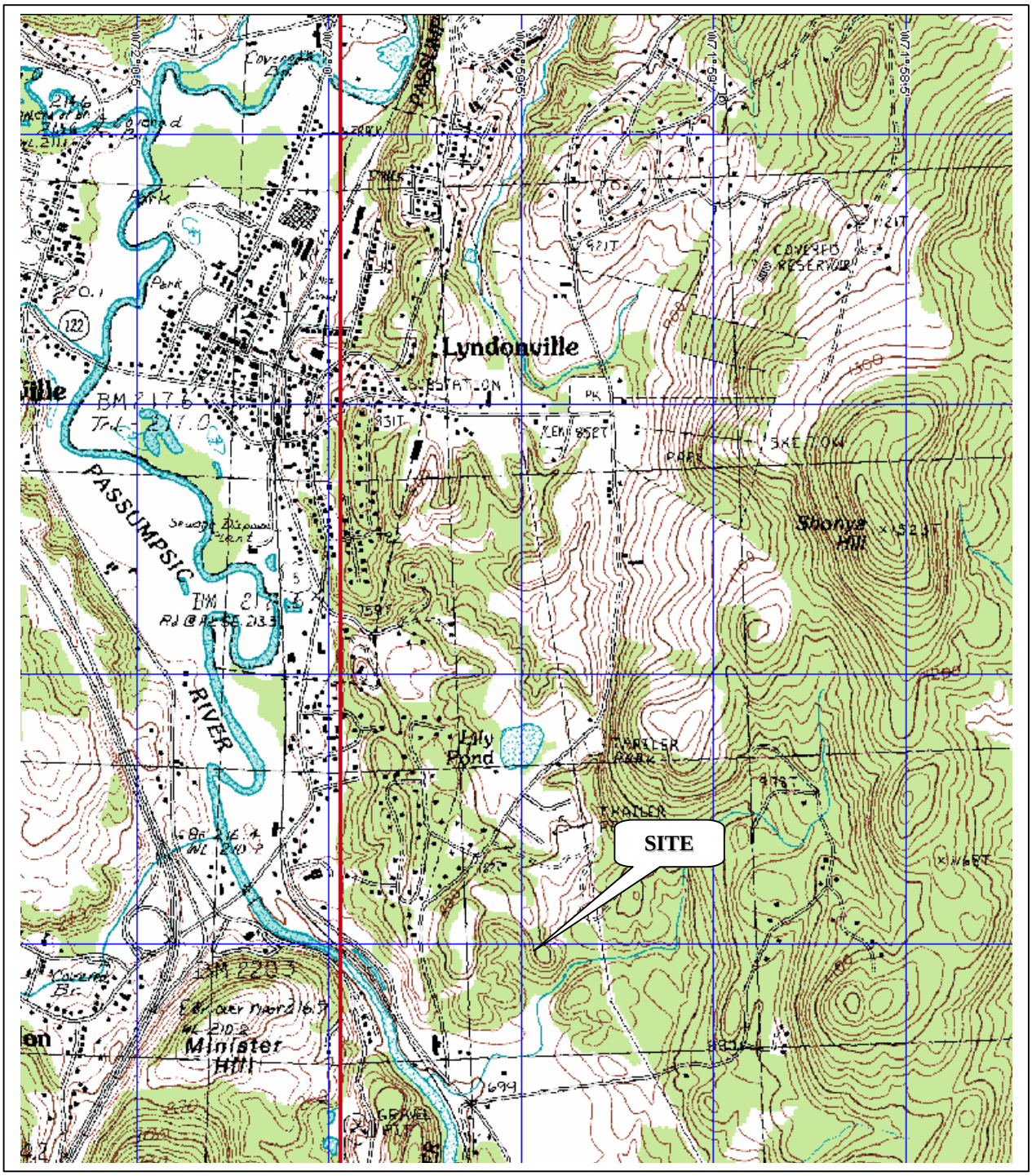
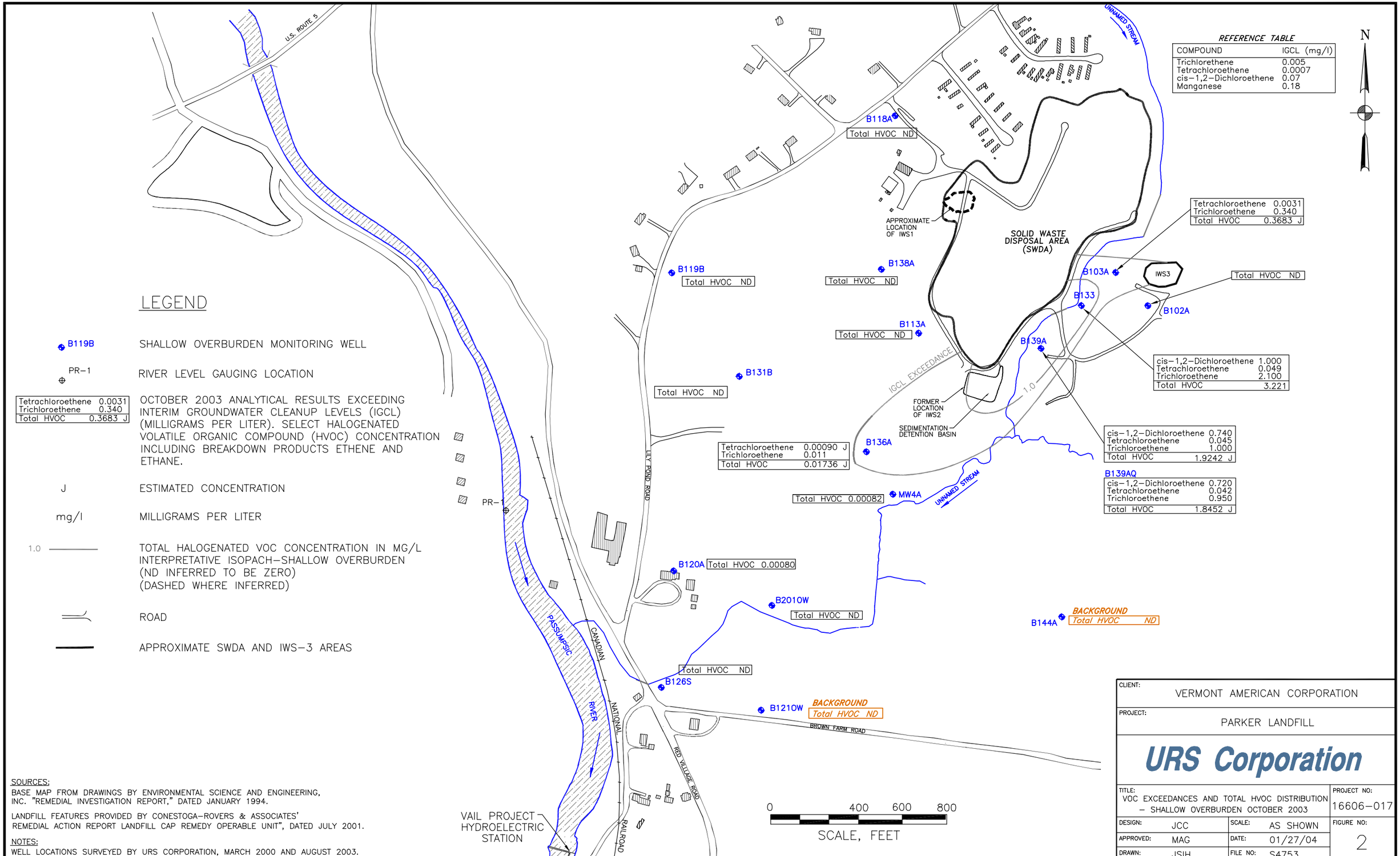
FIGURES

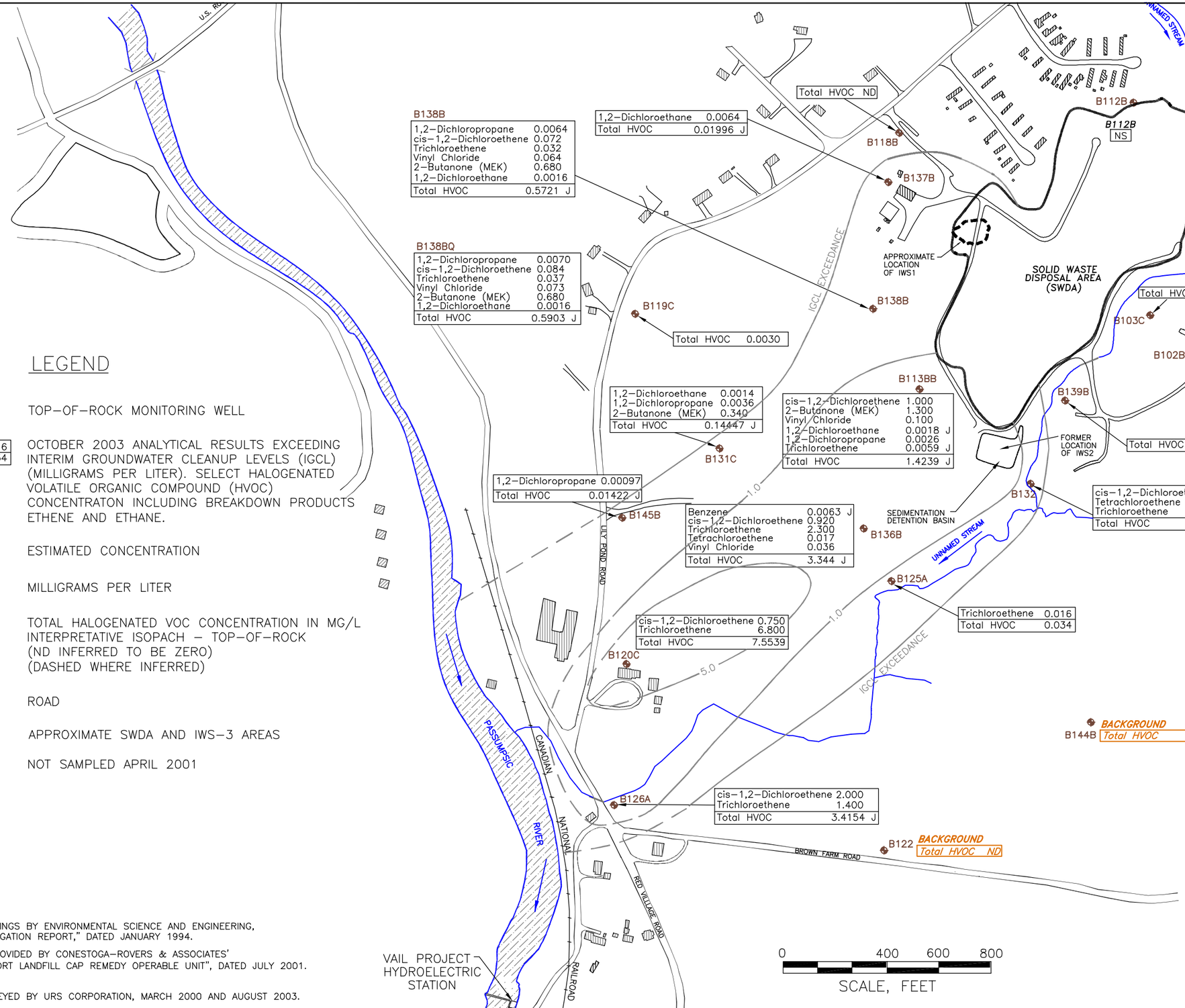


0 2000 4000

SOURCE:
USGS 7.5-MINUTE TOPOGRAPHIC QUADRANGLE OF BURKE MOUNTAIN AND LYNDONVILLE, VERMONT DATED 1984 AND 1986, RESPECTIVELY.

CLIENT: VERMONT AMERICAN CORPORATION			
PROJECT: PARKER LANDFILL LYNDON, VERMONT			
URS Corporation *115 Water Street, Suite 3, Hallowell, Maine*			
TITLE: SITE LOCUS			PROJECT NO.: 16606-017
DESIGN: JCC	SCALE: AS SHOWN		FIGURE NO.: 1
APPROVED: MAG	DATE: 01/27/04		
DRAWN: JSIH	FILE NO.: FIGURE 1		


U.S. ROUTE 3
UNNAMED STREAM
N
REFERENCE TABLE
COMPOUND IGCL (mg/l)
Trichlorethene 0.005
Tetrachloroethene 0.0007
cis-1,2-Dichloroethene 0.07
Manganese 0.18
B118A
Total HVOC ND
APPROXIMATE LOCATION OF IWS1
SOLID WASTE DISPOSAL AREA (SWDA)
Tetrachloroethene 0.0031
Trichloroethene 0.340
Total HVOC 0.3683 J
B119B
Total HVOC ND
B138A
Total HVOC ND
B103A
IWS3
Total HVOC ND
B133
B102A
B113A
Total HVOC ND
B139A
cis-1,2-Dichloroethene 1.000
Tetrachloroethene 0.049
Trichloroethene 2.100
Total HVOC 3.221
B131B
Total HVOC ND
IGCL EXCEEDANCE
1.0
FORMER LOCATION OF IWS2
SEDIMENTATION DETENTION BASIN
Tetrachloroethene 0.00090 J
Trichloroethene 0.011
Total HVOC 0.01736 J
B136A
cis-1,2-Dichloroethene 0.740
Tetrachloroethene 0.045
Trichloroethene 1.000
Total HVOC 1.9242 J
B139AQ
cis-1,2-Dichloroethene 0.720
Tetrachloroethene 0.042
Trichloroethene 0.950
Total HVOC 1.8452 J
LILY POND ROAD
Total HVOC 0.00082
MW4A
UNNAMED STREAM
PR-1
B120A
Total HVOC 0.00080
B2010W
Total HVOC ND
B144A
BACKGROUND
Total HVOC ND
PASSUMPSIC
CANADIAN
NATIONAL
RIVER
Total HVOC ND
B126S
B1210W
BACKGROUND
Total HVOC ND
BROWN FARM ROAD
RED VILLAGE ROAD
RAILROAD
VAIL PROJECT HYDROELECTRIC STATION
0 400 600 800
SCALE, FEET
LEGEND
B119B SHALLOW OVERBURDEN MONITORING WELL
PR-1 RIVER LEVEL GAUGING LOCATION
Tetrachloroethene 0.0031
Trichloroethene 0.340
Total HVOC 0.3683 J
OCTOBER 2003 ANALYTICAL RESULTS EXCEEDING INTERIM GROUNDWATER CLEANUP LEVELS (IGCL) (MILLIGRAMS PER LITER). SELECT HALOGENATED VOLATILE ORGANIC COMPOUND (HVOC) CONCENTRATION INCLUDING BREAKDOWN PRODUCTS ETHENE AND ETHANE.
J ESTIMATED CONCENTRATION
mg/l MILLIGRAMS PER LITER
1.0 TOTAL HALOGENATED VOC CONCENTRATION IN MG/L INTERPRETATIVE ISOPACH-SHALLOW OVERBURDEN (ND INFERRED TO BE ZERO) (DASHED WHERE INFERRED)
ROAD
APPROXIMATE SWDA AND IWS-3 AREAS
SOURCES:
BASE MAP FROM DRAWINGS BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. "REMEDIAL INVESTIGATION REPORT," DATED JANUARY 1994.
LANDFILL FEATURES PROVIDED BY CONESTOGA-ROVERS & ASSOCIATES' REMEDIAL ACTION REPORT LANDFILL CAP REMEDY OPERABLE UNIT", DATED JULY 2001.
NOTES:
WELL LOCATIONS SURVEYED BY URS CORPORATION, MARCH 2000 AND AUGUST 2003.
CLIENT: VERMONT AMERICAN CORPORATION
PROJECT: PARKER LANDFILL
URS Corporation
TITLE: VOC EXCEEDANCES AND TOTAL HVOC DISTRIBUTION – SHALLOW OVERBURDEN OCTOBER 2003
PROJECT NO: 16606-017
DESIGN: JCC
SCALE: AS SHOWN
APPROVED: MAG
DATE: 01/27/04
DRAWN: JSIH
FILE NO: S4753
FIGURE NO: 2



REFERENCE TABLE

COMPOUND	IGCL (mg/l)
Trichlorethene	0.005
cis–1,2–Dichloroethene	0.07
Vinyl Chloride	0.002
2–Butanone (MEK)	0.17
1,2–Dichloroethane	0.0005
1,2–Dichloropropane	0.0006
Tetrachloroethene	0.0007
Benzene	0.005

LEGEND

B145B — TOP–OF–ROCK MONITORING WELL

Trichloroethene 0.016
Total HVOC 0.034 — OCTOBER 2003 ANALYTICAL RESULTS EXCEEDING INTERIM GROUNDWATER CLEANUP LEVELS (IGCL) (MILLIGRAMS PER LITER). SELECT HALOGENATED VOLATILE ORGANIC COMPOUND (HVOC) CONCENTRATON INCLUDING BREAKDOWN PRODUCTS ETHENE AND ETHANE.

J — ESTIMATED CONCENTRATION

mg/l — MILLIGRAMS PER LITER

1.0 — TOTAL HALOGENATED VOC CONCENTRATION IN MG/L INTERPRETATIVE ISOPACH – TOP–OF–ROCK (ND INFERRED TO BE ZERO) (DASHED WHERE INFERRED)

ROAD

APPROXIMATE SWDA AND IWS–3 AREAS

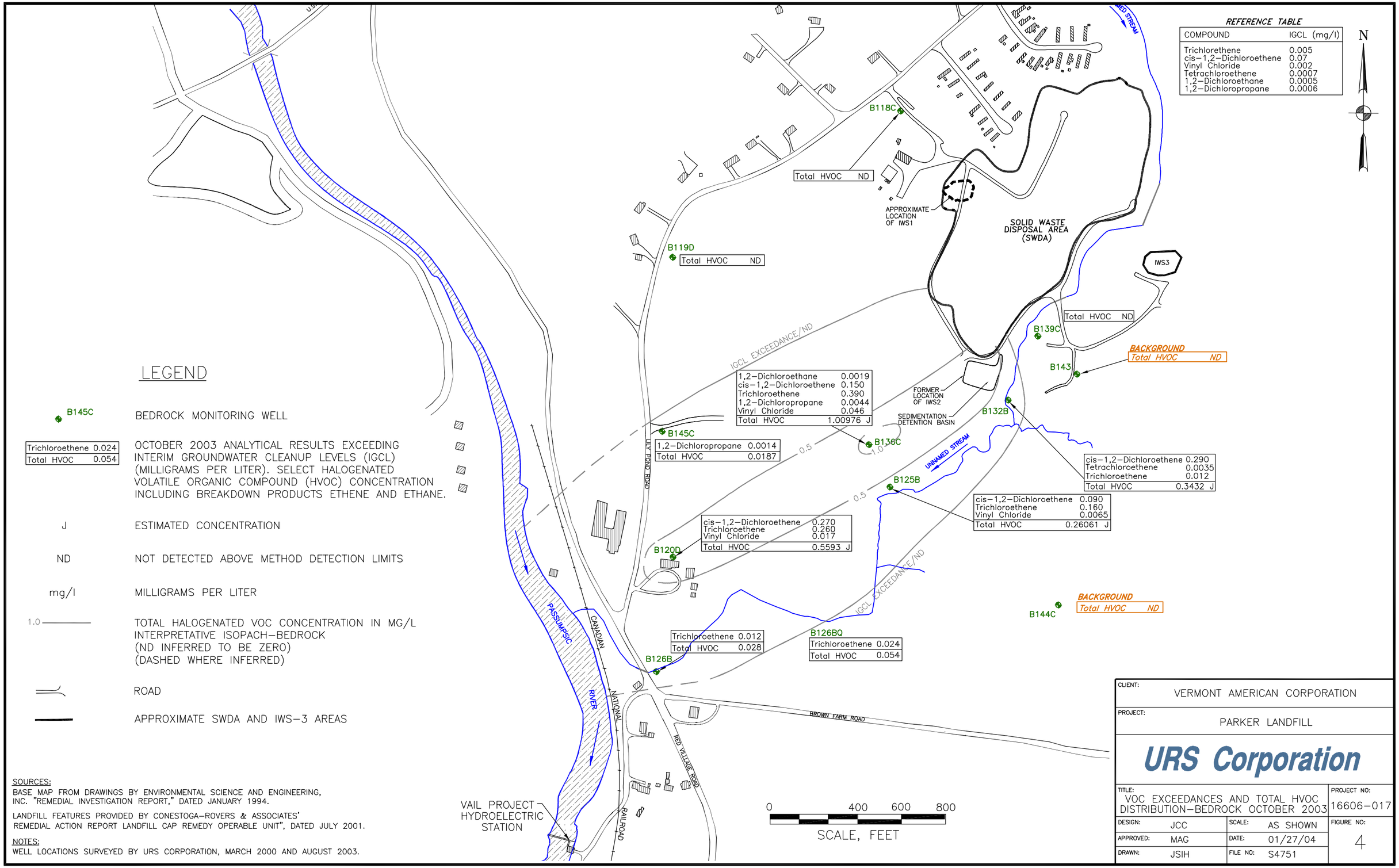
NS — NOT SAMPLED APRIL 2001

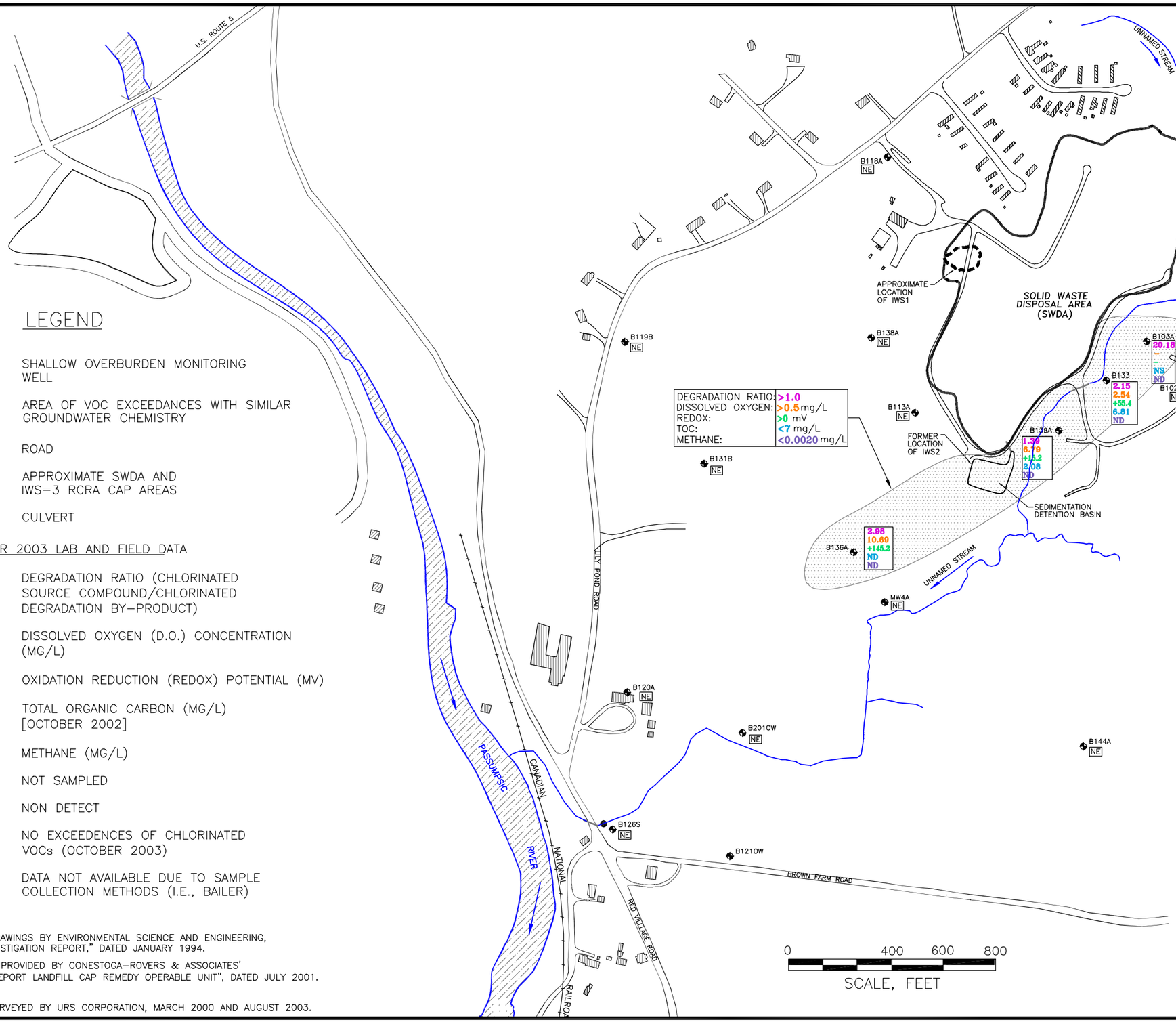
SOURCES:
BASE MAP FROM DRAWINGS BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. "REMEDIAL INVESTIGATION REPORT," DATED JANUARY 1994.

LANDFILL FEATURES PROVIDED BY CONESTOGA–ROVERS & ASSOCIATES' REMEDIAL ACTION REPORT LANDFILL CAP REMEDY OPERABLE UNIT", DATED JULY 2001.

NOTES:
WELL LOCATIONS SURVEYED BY URS CORPORATION, MARCH 2000 AND AUGUST 2003.

CLIENT: VERMONT AMERICAN CORPORATION			
PROJECT: PARKER LANDFILL			
URS Corporation			
TITLE: VOC EXCEEDANCES AND TOTAL HVOC DISTRIBUTION– TOP–OF–ROCK OCTOBER 2003			PROJECT NO: 16606–017
DESIGN: JCC	SCALE: AS SHOWN		FIGURE NO: 3
APPROVED: MAG	DATE: 01/27/04		
DRAWN: JSIH	FILE NO: S4752		


REFERENCE TABLE
COMPOUND IGCL (mg/l)
Trichlorethene 0.005
cis-1,2-Dichloroethene 0.07
Vinyl Chloride 0.002
Tetrachloroethene 0.0007
1,2-Dichloroethane 0.0005
1,2-Dichloropropane 0.0006
N
B118C
Total HVOC ND
APPROXIMATE LOCATION OF IWS1
SOLID WASTE DISPOSAL AREA (SWDA)
B119D
Total HVOC ND
IWS3
Total HVOC ND
B139C
BACKGROUND
Total HVOC ND
B143
IGCL EXCEEDANCE/ND
1,2-Dichloroethane 0.0019
cis-1,2-Dichloroethene 0.150
Trichloroethene 0.390
1,2-Dichloropropane 0.0044
Vinyl Chloride 0.046
Total HVOC 1.00976 J
FORMER LOCATION OF IWS2
SEDIMENTATION DETENTION BASIN
B132B
B145C
1,2-Dichloropropane 0.0014
Total HVOC 0.0187
B136C
0.5
1.0
UNNAMED STREAM
cis-1,2-Dichloroethene 0.290
Tetrachloroethene 0.0035
Trichloroethene 0.012
Total HVOC 0.3432 J
B125B
0.5
cis-1,2-Dichloroethene 0.090
Trichloroethene 0.160
Vinyl Chloride 0.0065
Total HVOC 0.26061 J
cis-1,2-Dichloroethene 0.270
Trichloroethene 0.260
Vinyl Chloride 0.017
Total HVOC 0.5593 J
B120D
IGCL EXCEEDANCE/ND
BACKGROUND
Total HVOC ND
B144C
Trichloroethene 0.012
Total HVOC 0.028
B126BQ
Trichloroethene 0.024
Total HVOC 0.054
B126B
PASSUMPSIC RIVER
CANADIAN NATIONAL RAILROAD
LILY POND ROAD
RED VILLAGE ROAD
BROWN FARM ROAD
VAIL PROJECT HYDROELECTRIC STATION
0 400 600 800
SCALE, FEET
LEGEND
B145C BEDROCK MONITORING WELL
Trichloroethene 0.024
Total HVOC 0.054
OCTOBER 2003 ANALYTICAL RESULTS EXCEEDING INTERIM GROUNDWATER CLEANUP LEVELS (IGCL) (MILLIGRAMS PER LITER). SELECT HALOGENATED VOLATILE ORGANIC COMPOUND (HVOC) CONCENTRATION INCLUDING BREAKDOWN PRODUCTS ETHENE AND ETHANE.
J ESTIMATED CONCENTRATION
ND NOT DETECTED ABOVE METHOD DETECTION LIMITS
mg/l MILLIGRAMS PER LITER
1.0 TOTAL HALOGENATED VOC CONCENTRATION IN MG/L INTERPRETATIVE ISOPACH-BEDROCK (ND INFERRED TO BE ZERO) (DASHED WHERE INFERRED)
ROAD
APPROXIMATE SWDA AND IWS-3 AREAS
SOURCES:
BASE MAP FROM DRAWINGS BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. "REMEDIAL INVESTIGATION REPORT," DATED JANUARY 1994.
LANDFILL FEATURES PROVIDED BY CONESTOGA-ROVERS & ASSOCIATES' REMEDIAL ACTION REPORT LANDFILL CAP REMEDY OPERABLE UNIT", DATED JULY 2001.
NOTES:
WELL LOCATIONS SURVEYED BY URS CORPORATION, MARCH 2000 AND AUGUST 2003.
CLIENT: VERMONT AMERICAN CORPORATION
PROJECT: PARKER LANDFILL
URS Corporation
TITLE: VOC EXCEEDANCES AND TOTAL HVOC DISTRIBUTION-BEDROCK OCTOBER 2003
PROJECT NO: 16606-017
DESIGN: JCC
SCALE: AS SHOWN
FIGURE NO: 4
APPROVED: MAG
DATE: 01/27/04
DRAWN: JSIH
FILE NO: S4751



LEGEND

B103A — SHALLOW OVERBURDEN MONITORING WELL

AREA OF VOC EXCEEDANCES WITH SIMILAR GROUNDWATER CHEMISTRY

ROAD

APPROXIMATE SWDA AND IWS–3 RCRA CAP AREAS

CULVERT

OCTOBER 2003 LAB AND FIELD DATA

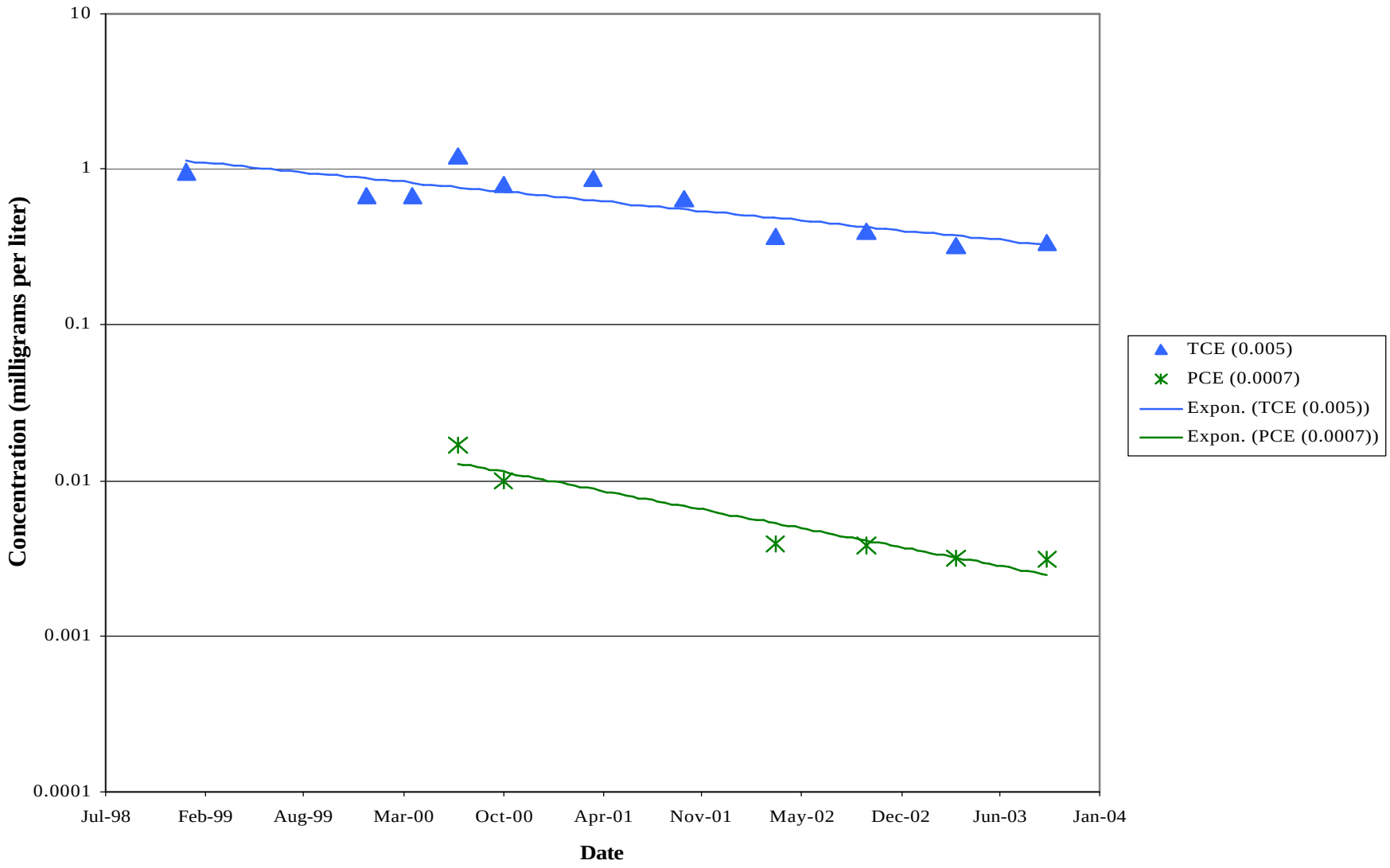
2.98	DEGRADATION RATIO (CHLORINATED SOURCE COMPOUND/CHLORINATED DEGRADATION BY–PRODUCT)
10.69	DISSOLVED OXYGEN (D.O.) CONCENTRATION (MG/L)
145.2	OXIDATION REDUCTION (REDOX) POTENTIAL (MV)
2.08	TOTAL ORGANIC CARBON (MG/L) [OCTOBER 2002]
<0.0020	METHANE (MG/L)
NS	NOT SAMPLED
ND	NON DETECT
NE	NO EXCEEDENCES OF CHLORINATED VOCs (OCTOBER 2003)
–	DATA NOT AVAILABLE DUE TO SAMPLE COLLECTION METHODS (I.E., BAILER)

SOURCES:
BASE MAP FROM DRAWINGS BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. "REMEDIAL INVESTIGATION REPORT," DATED JANUARY 1994.

LANDFILL FEATURES PROVIDED BY CONESTOGA–ROVERS & ASSOCIATES' REMEDIAL ACTION REPORT LANDFILL CAP REMEDY OPERABLE UNIT", DATED JULY 2001.

NOTES:
WELL LOCATIONS SURVEYED BY URS CORPORATION, MARCH 2000 AND AUGUST 2003.

CLIENT:	VERMONT AMERICAN CORPORATION		
PROJECT:	PARKER LANDFILL LYNDON, VERMONT		
URS Corporation			
TITLE: IN SITU NATURAL ATTENUATION CONDITIONS– SHALLOW OVERBURDEN			PROJECT NO: 16606–017
DESIGN: JCC	SCALE: AS SHOWN		FIGURE NO: 5
APPROVED: MAG	DATE: 01/27/04		
DRAWN: JSIH	FILE NO: S4750		



Note: IGCL listed in parentheses following each compound in milligrams per liter

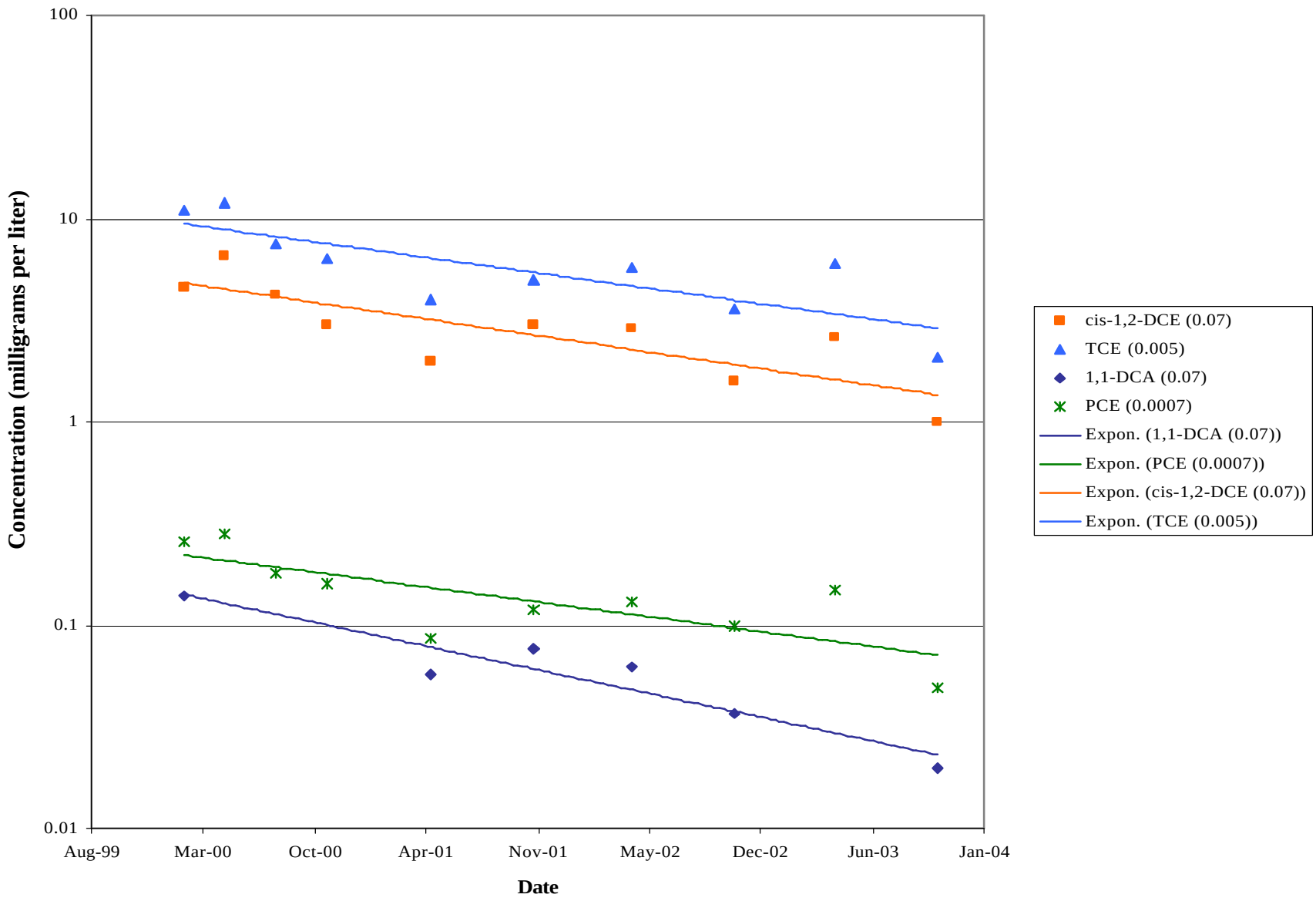
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B103A

FIGURE: 6



Note: IGCL listed in parentheses following each compound in milligrams per liter

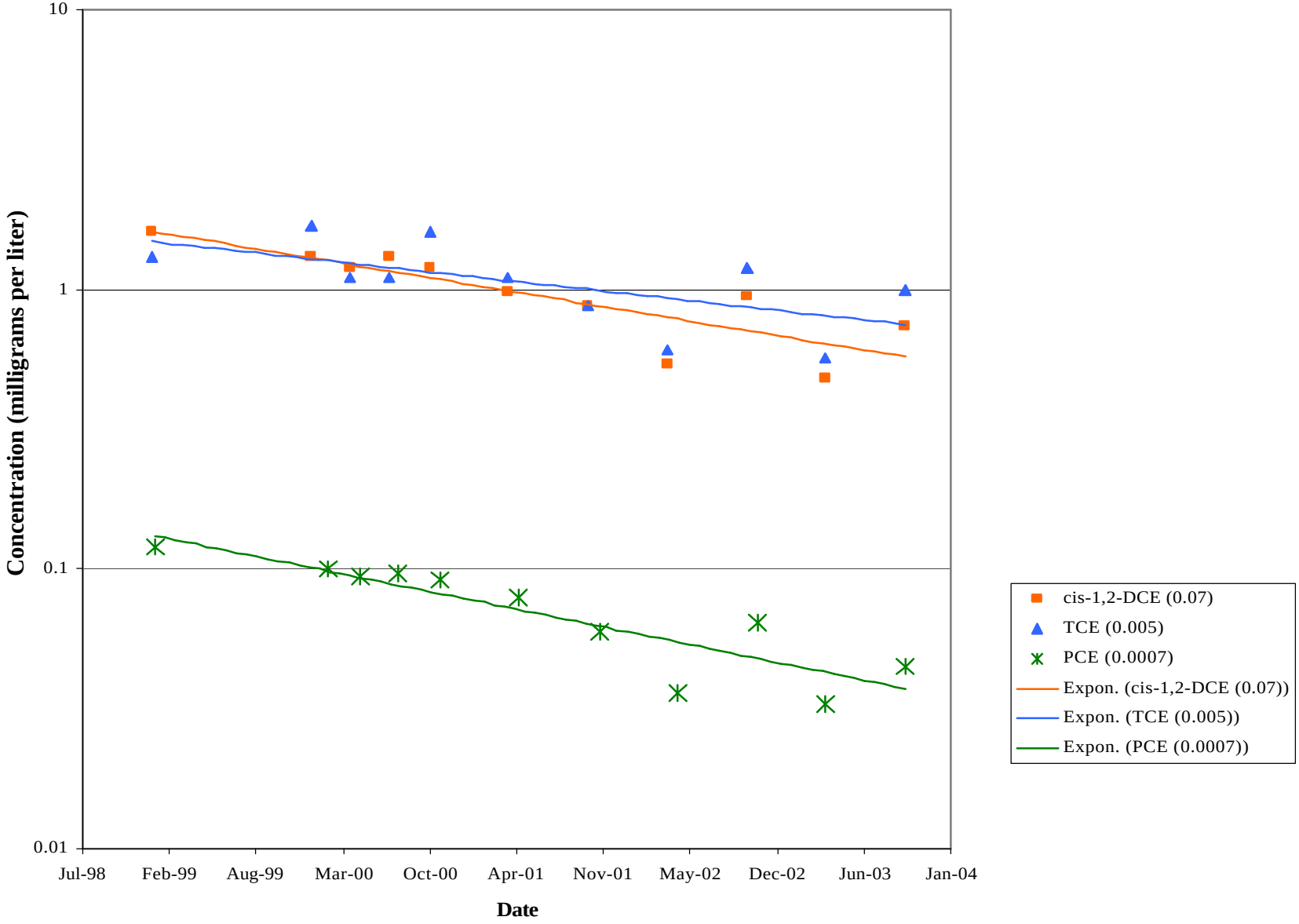
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B133

FIGURE: 7



Note: IGCL listed in parentheses following each compound in milligrams per liter

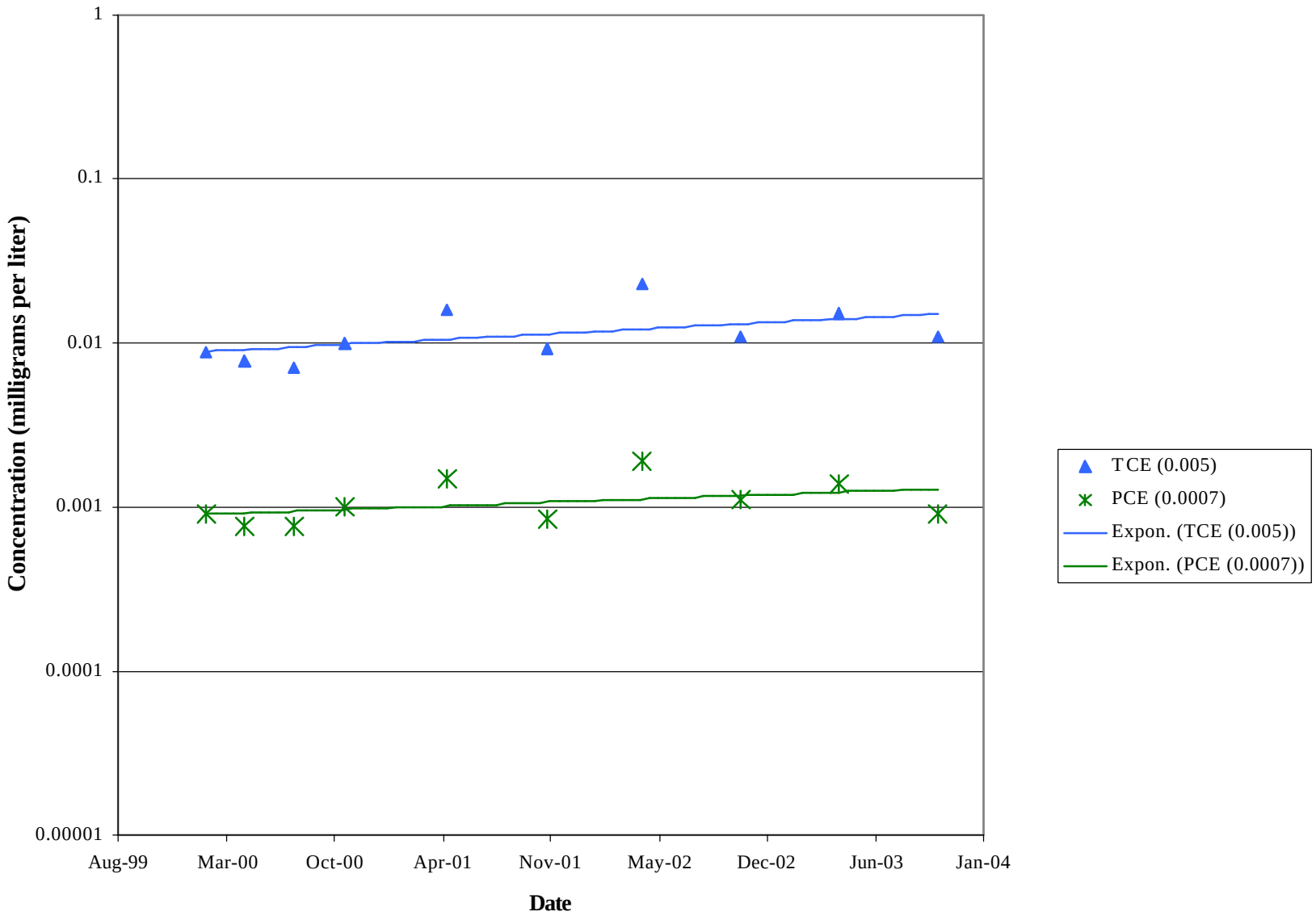
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B139A

FIGURE: 8



Note: IGCL listed in parentheses following each compound in milligrams per liter

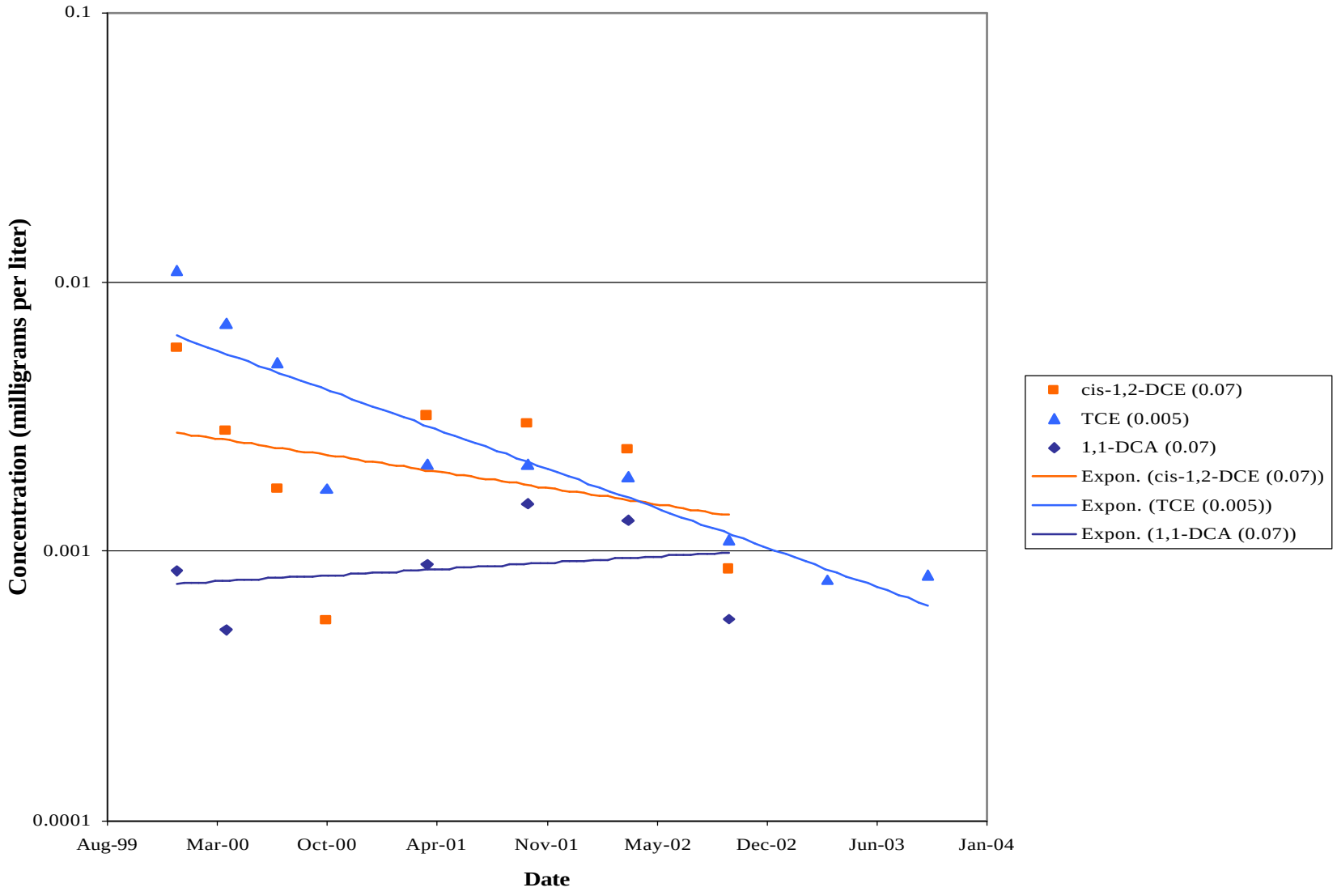
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B136A

FIGURE: 9



Note: IGCL listed in parentheses following each compound in milligrams per liter

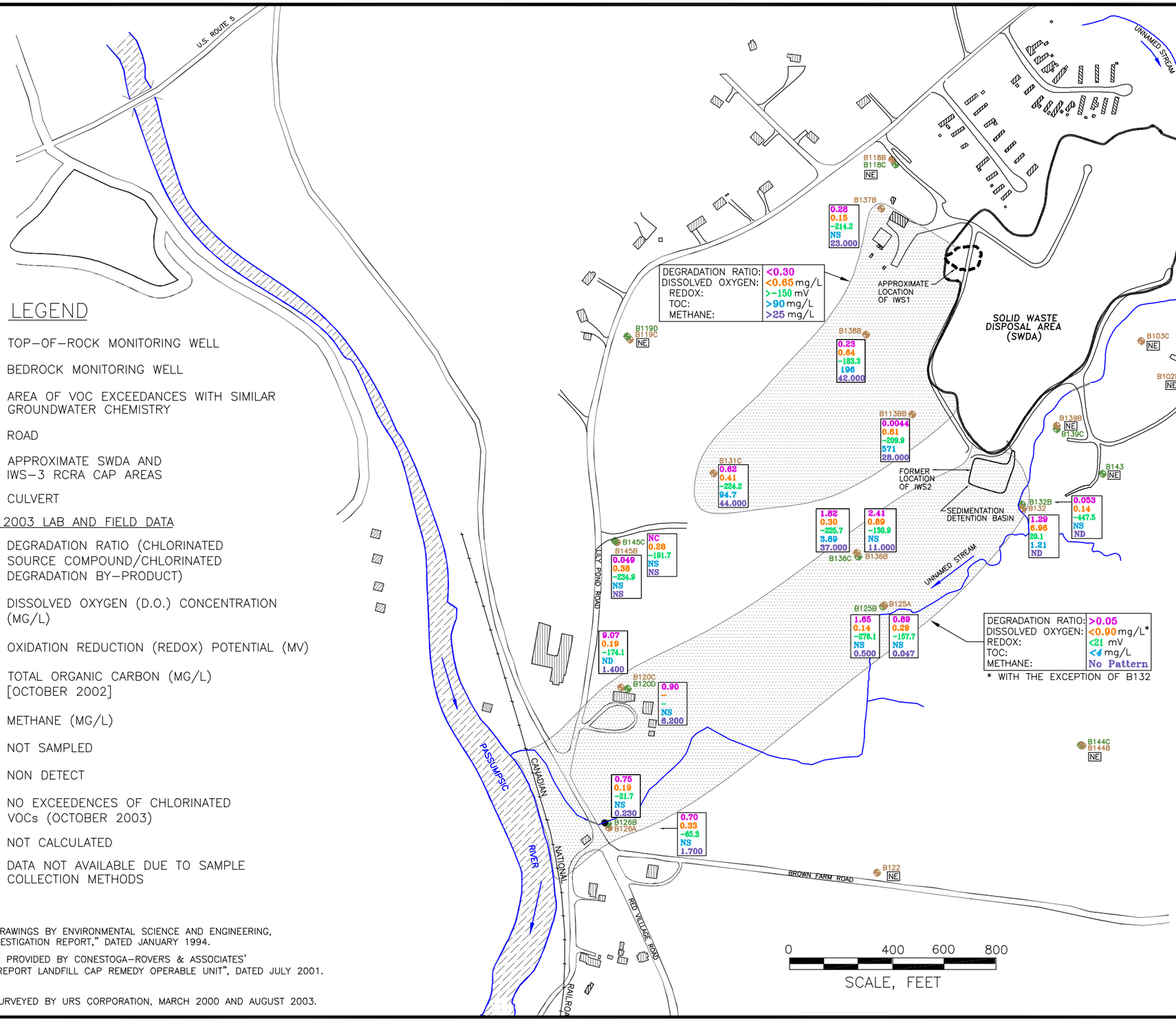
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
MW4A

FIGURE: 10



LEGEND

B145B	TOP-OF-ROCK MONITORING WELL
B120D	BEDROCK MONITORING WELL
	AREA OF VOC EXCEEDANCES WITH SIMILAR GROUNDWATER CHEMISTRY
	ROAD
	APPROXIMATE SWDA AND IWS-3 RCRA CAP AREAS
	CULVERT

OCTOBER 2003 LAB AND FIELD DATA

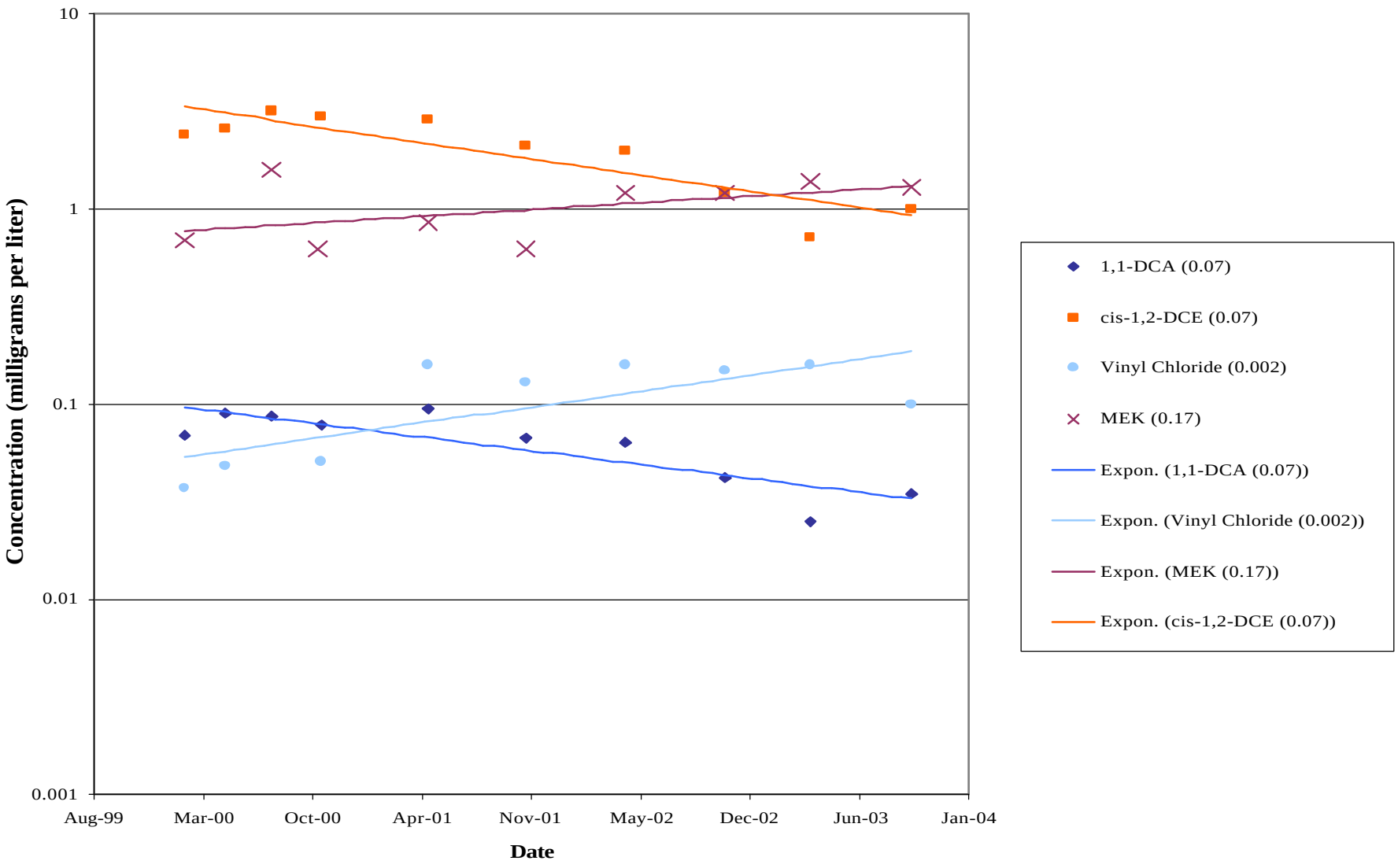
0.69	DEGRADATION RATIO (CHLORINATED SOURCE COMPOUND/CHLORINATED DEGRADATION BY-PRODUCT)
0.19	DISSOLVED OXYGEN (D.O.) CONCENTRATION (MG/L)
-276.1	OXIDATION REDUCTION (REDOX) POTENTIAL (MV)
1.21	TOTAL ORGANIC CARBON (MG/L) [OCTOBER 2002]
1.400	METHANE (MG/L)
NS	NOT SAMPLED
ND	NON DETECT
NE	NO EXCEEDENCES OF CHLORINATED VOCs (OCTOBER 2003)
NC	NOT CALCULATED
–	DATA NOT AVAILABLE DUE TO SAMPLE COLLECTION METHODS

SOURCES:
BASE MAP FROM DRAWINGS BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. "REMEDIAL INVESTIGATION REPORT," DATED JANUARY 1994.

LANDFILL FEATURES PROVIDED BY CONESTOGA-ROVERS & ASSOCIATES' REMEDIAL ACTION REPORT LANDFILL CAP REMEDY OPERABLE UNIT", DATED JULY 2001.

NOTES:
WELL LOCATIONS SURVEYED BY URS CORPORATION, MARCH 2000 AND AUGUST 2003.

CLIENT:	VERMONT AMERICAN CORPORATION		
PROJECT:	PARKER LANDFILL LYNDON, VERMONT		
	URS Corporation		
TITLE:	IN SITU NATURAL ATTENUATION CONDITIONS– TOP-OF-ROCK AND BEDROCK		PROJECT NO: 16606-017
DESIGN: JCC		SCALE: AS SHOWN	FIGURE NO: 11
APPROVED: MAG		DATE: 01/27/04	
DRAWN: JSIH		FILE NO: S4749	



Note: IGCL listed in parentheses following each compound in milligrams per liter

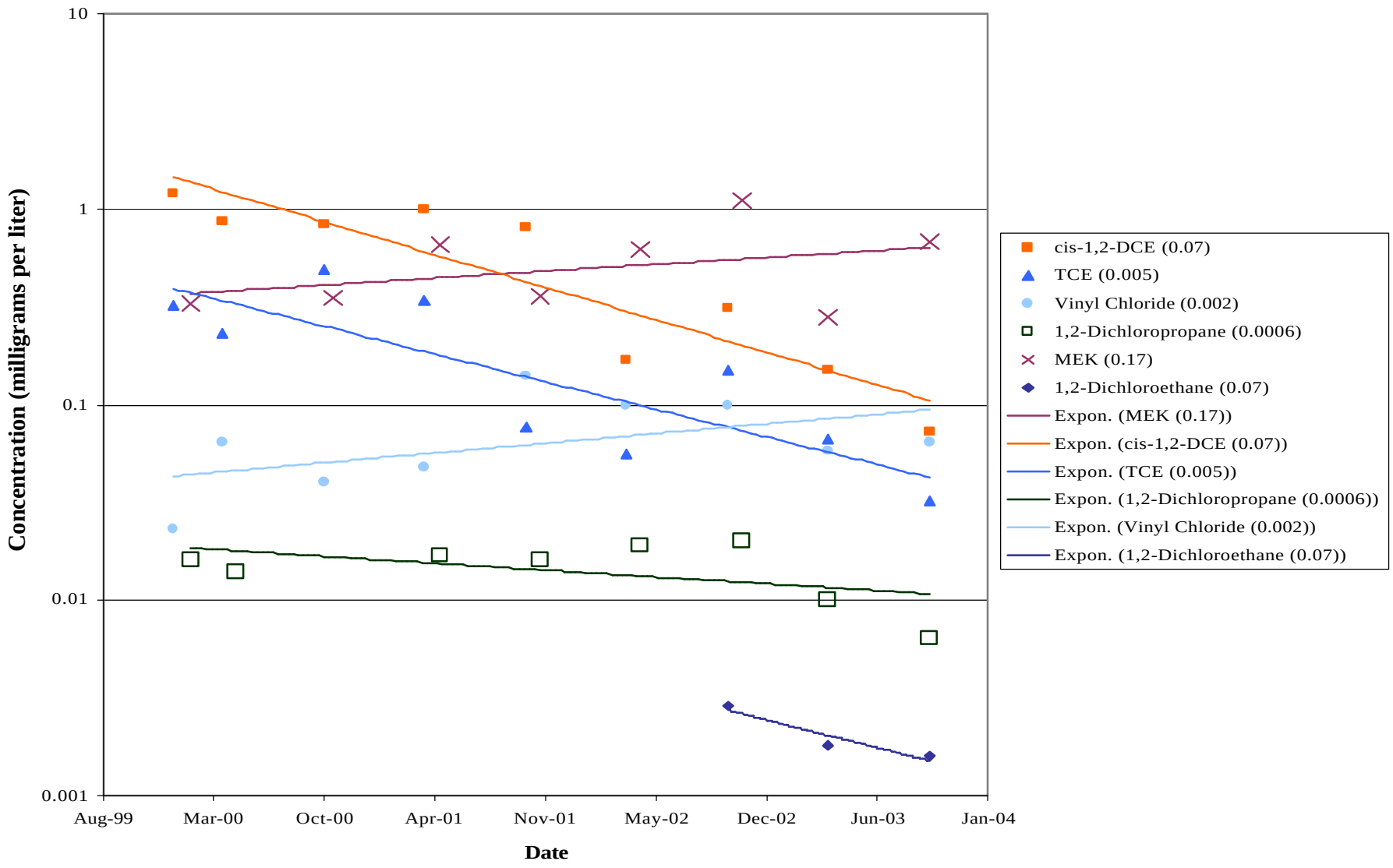
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B113BB

FIGURE: 12



Note: IGCL listed in parentheses following each compound in milligrams per liter

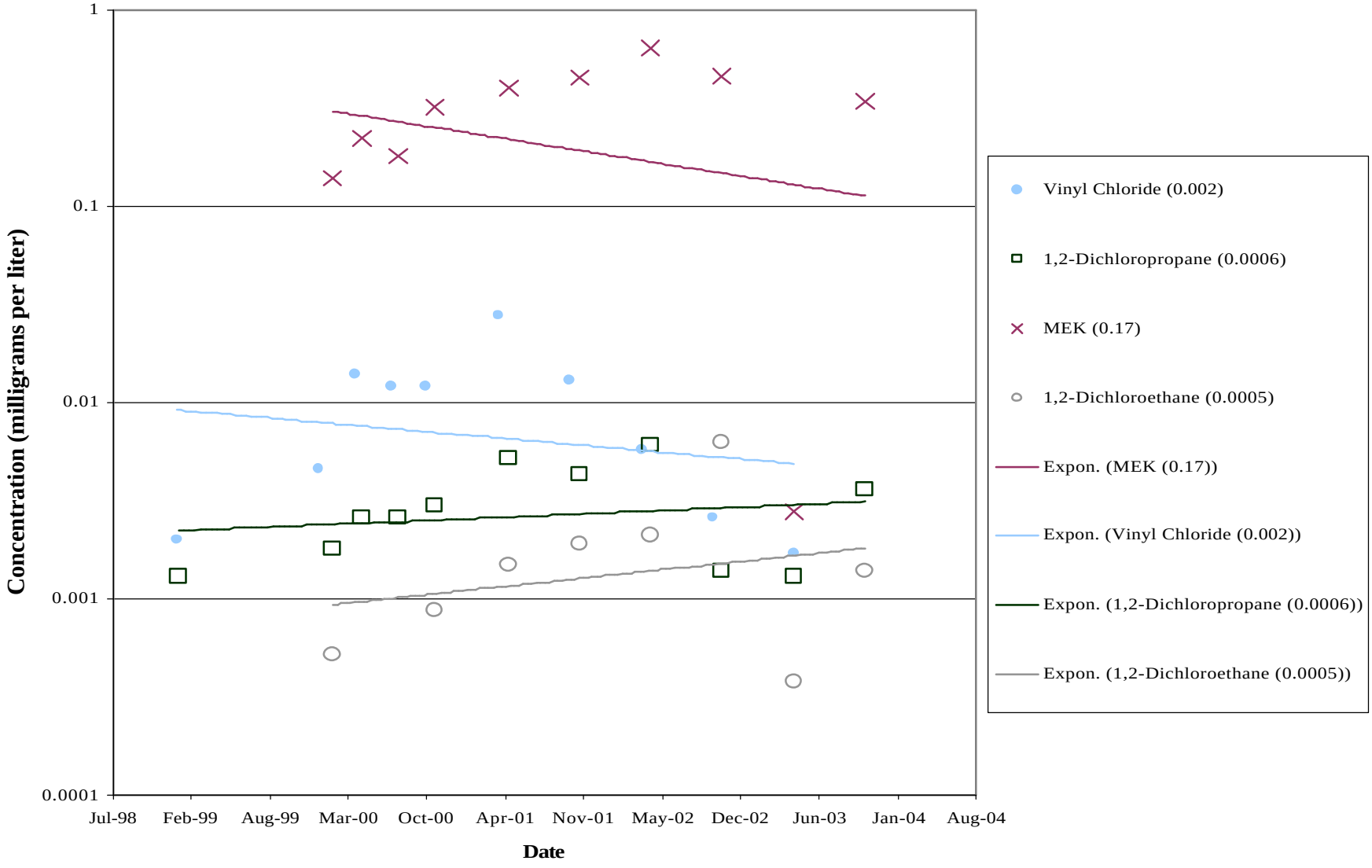
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B138B

FIGURE: 13



Note: IGCL listed in parentheses following each compound in milligrams per liter

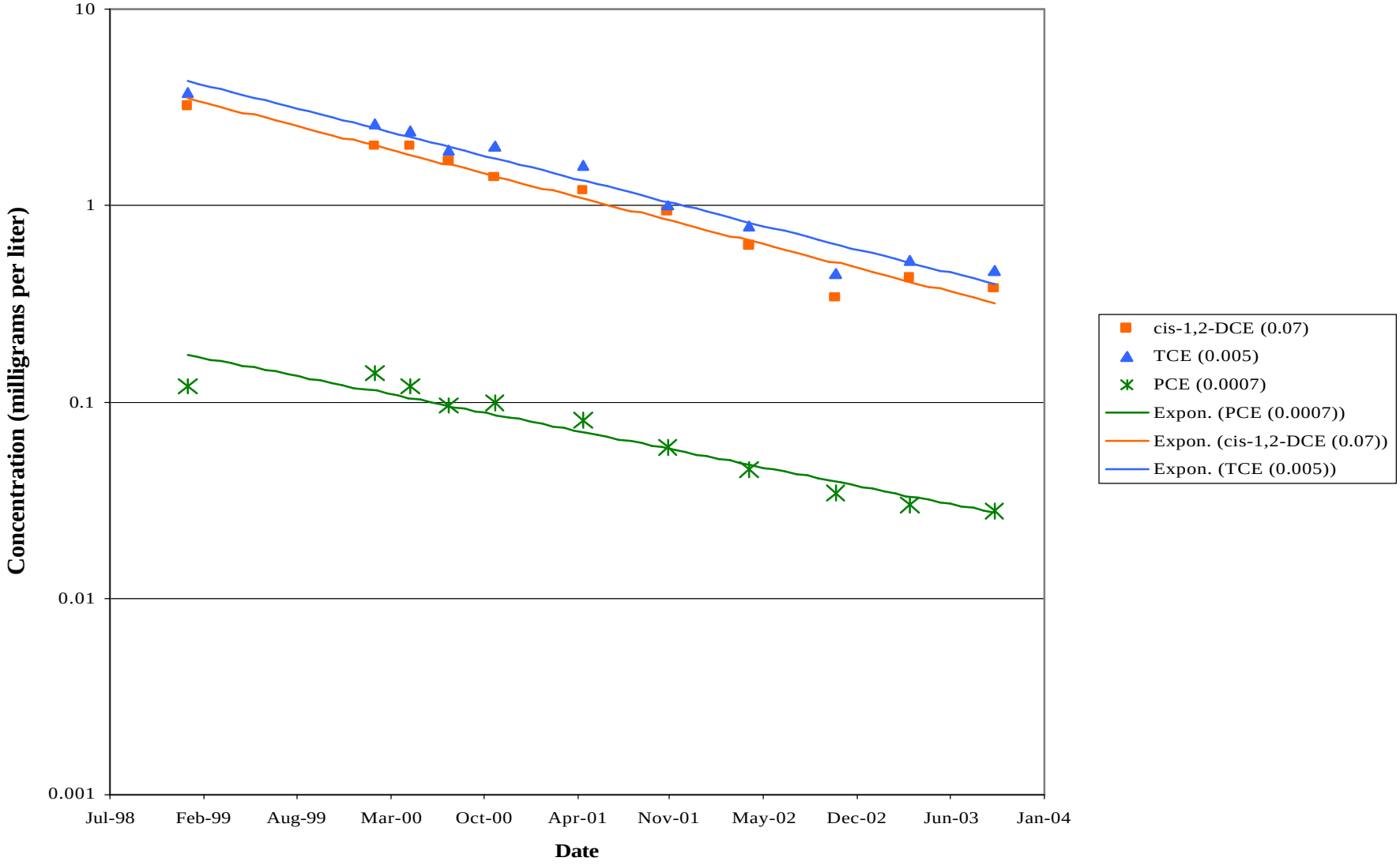
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B131C

FIGURE: 14



Note: IGCL listed in parentheses following each compound in milligrams per liter

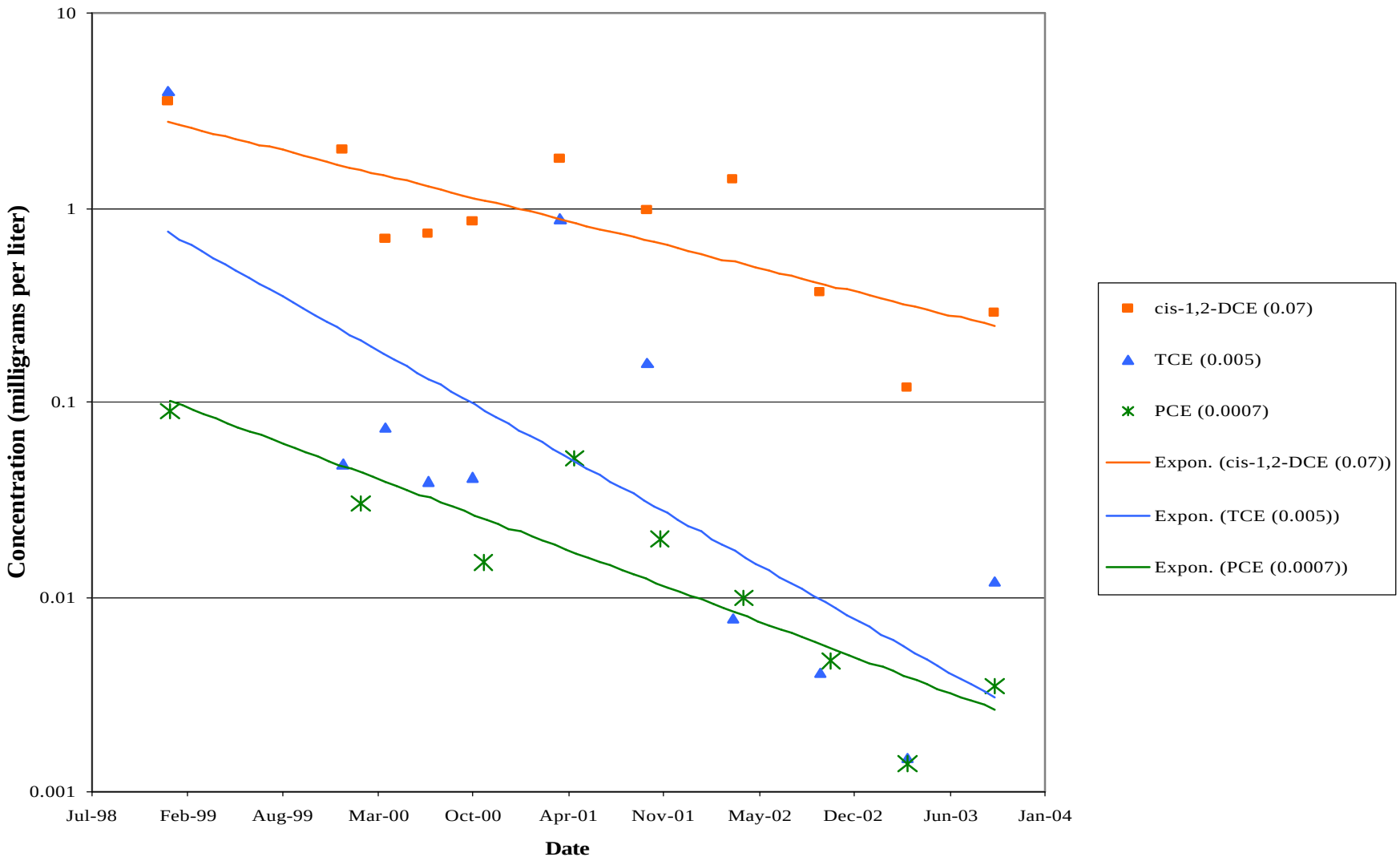
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B132

FIGURE: 15



Note: IGCL listed in parentheses following each compound in milligrams per liter

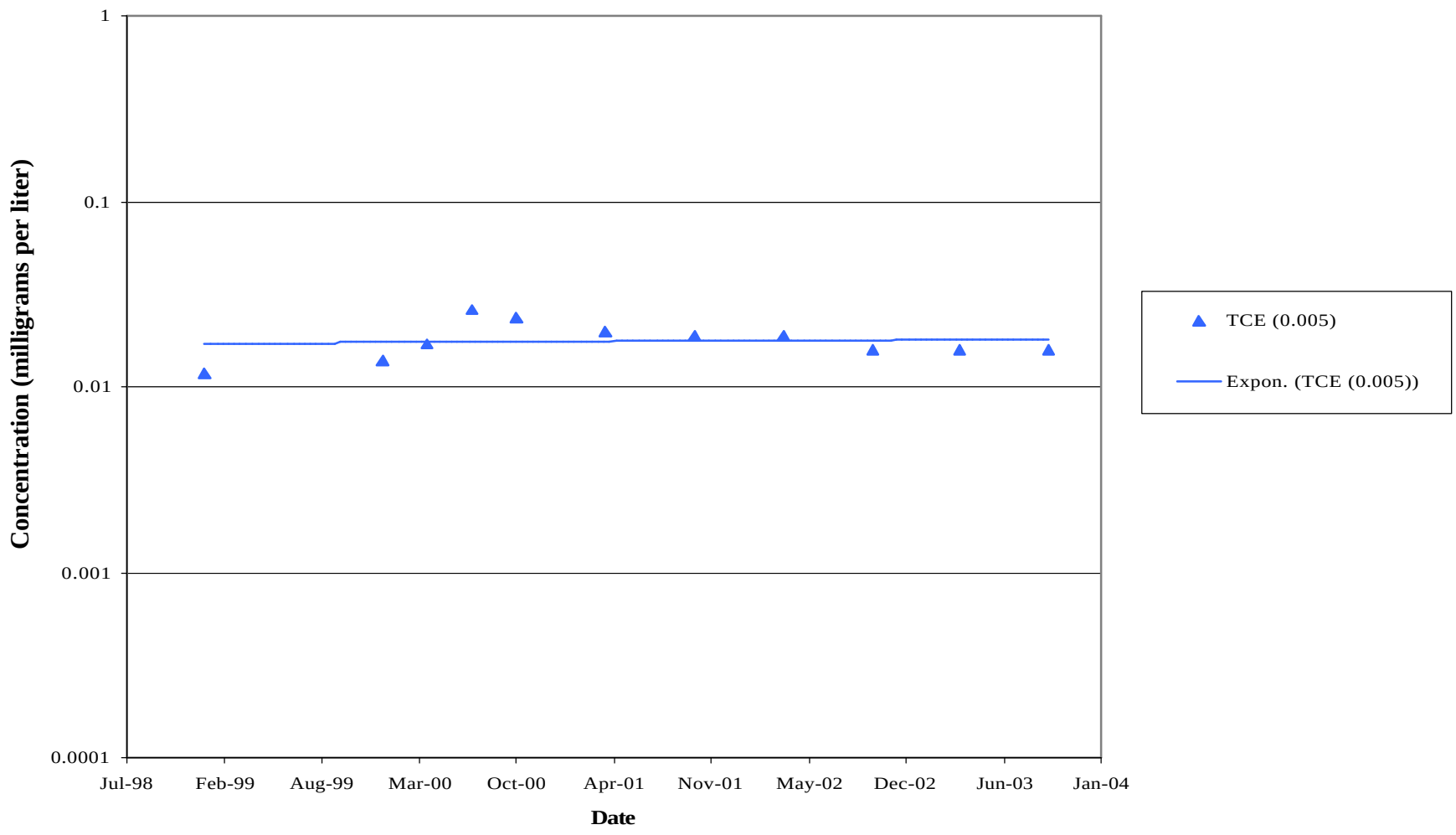
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B132B

FIGURE: 16



Note: IGCL listed in parentheses following each compound in milligrams per liter

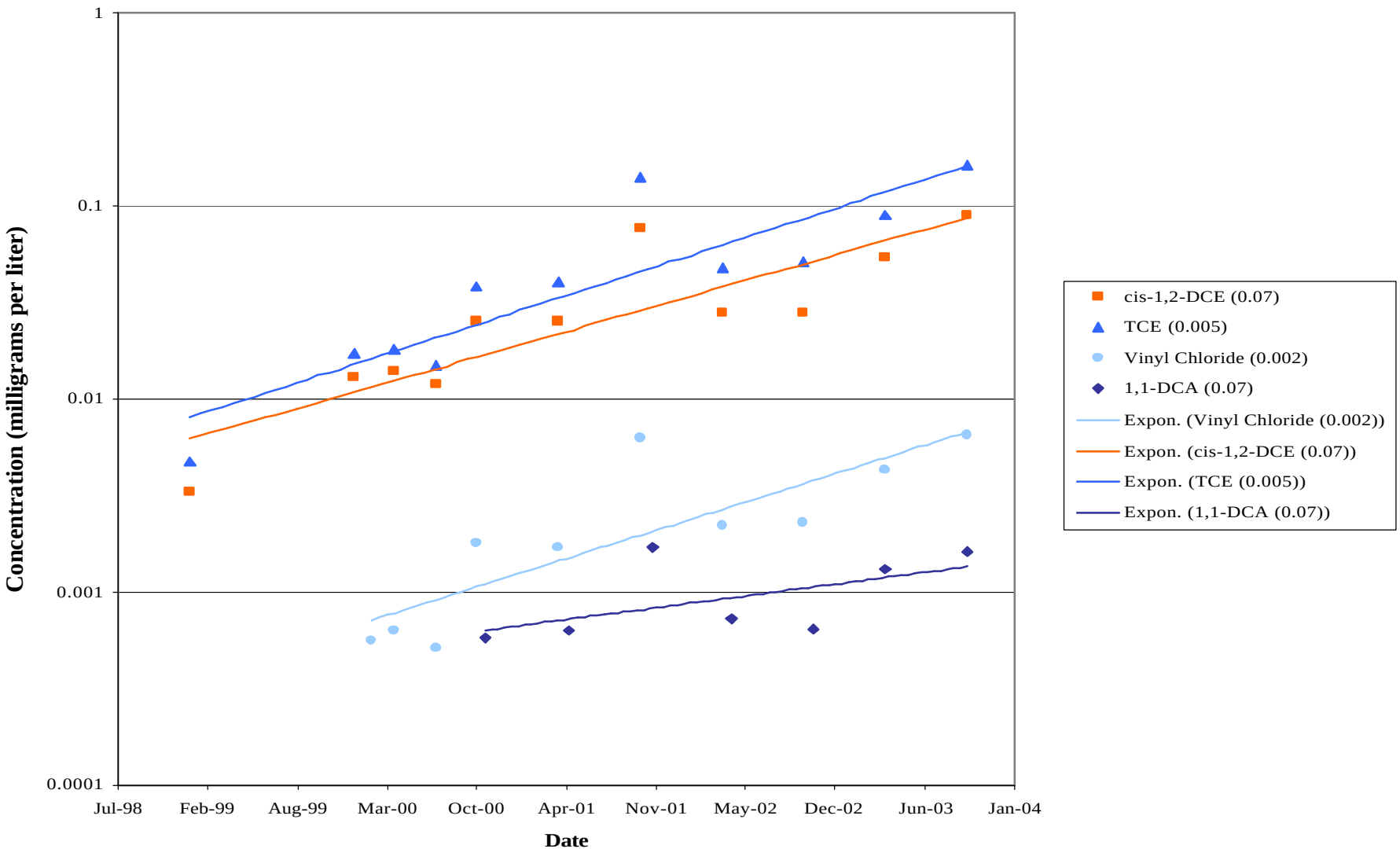
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B125A

FIGURE: 17



Note: IGCL listed in parentheses following each compound in milligrams per liter

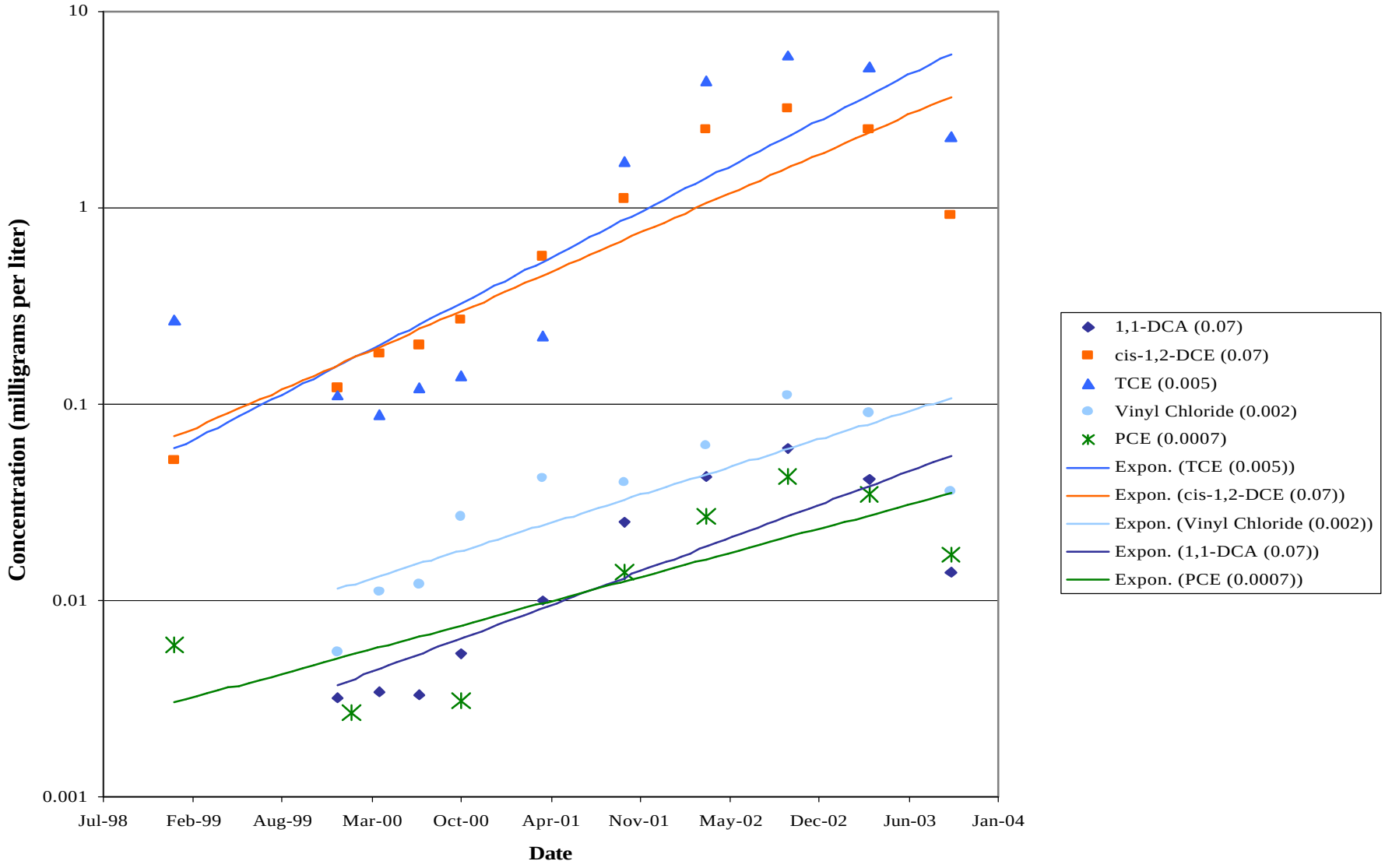
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B125B

FIGURE: 18



Note: IGCL listed in parentheses following each compound in milligrams per liter

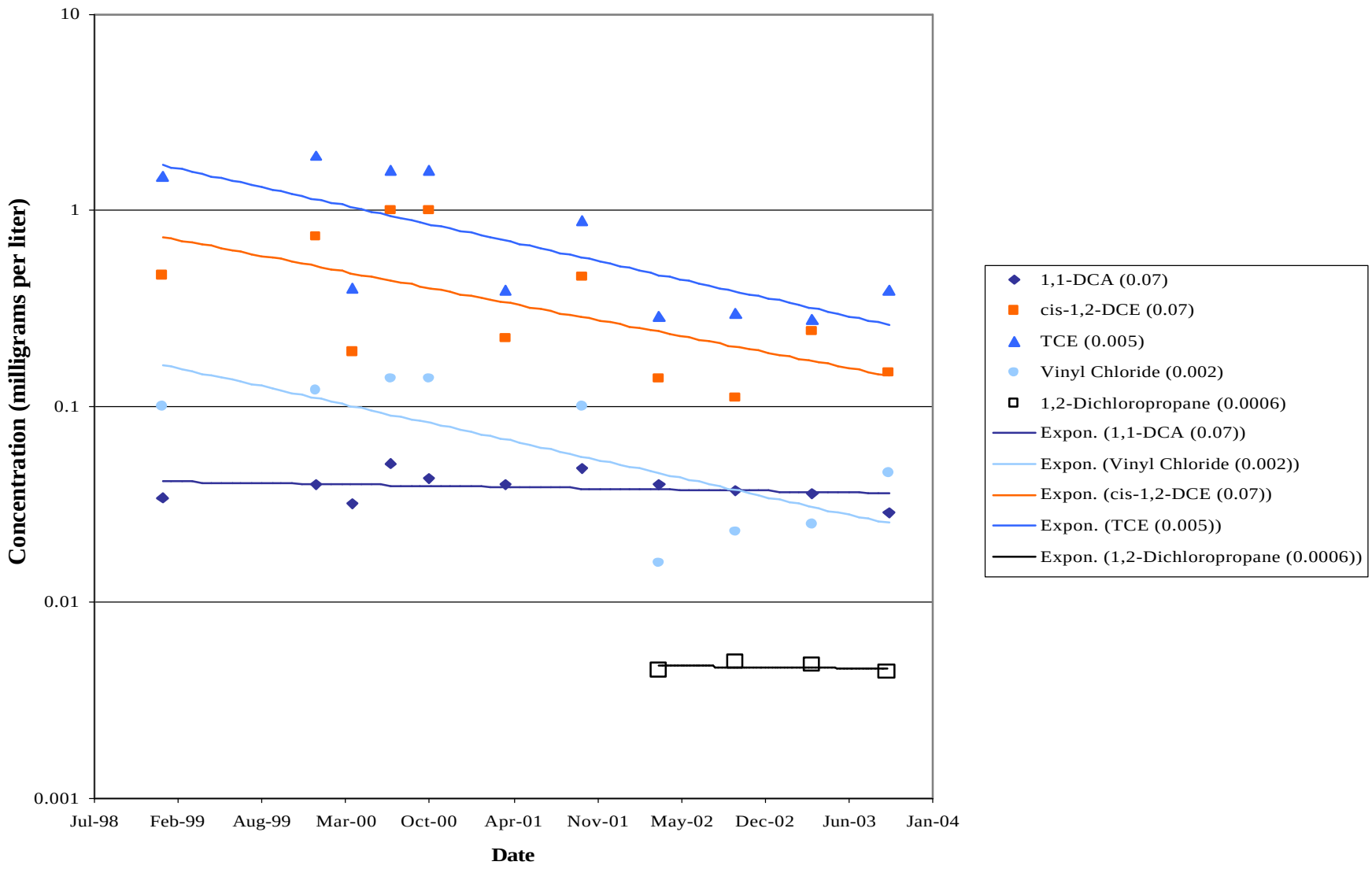
URS Corporation
115 Water St., Suite 3
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B136B

FIGURE: 19



Note: IGCL listed in parentheses following each compound in milligrams per liter

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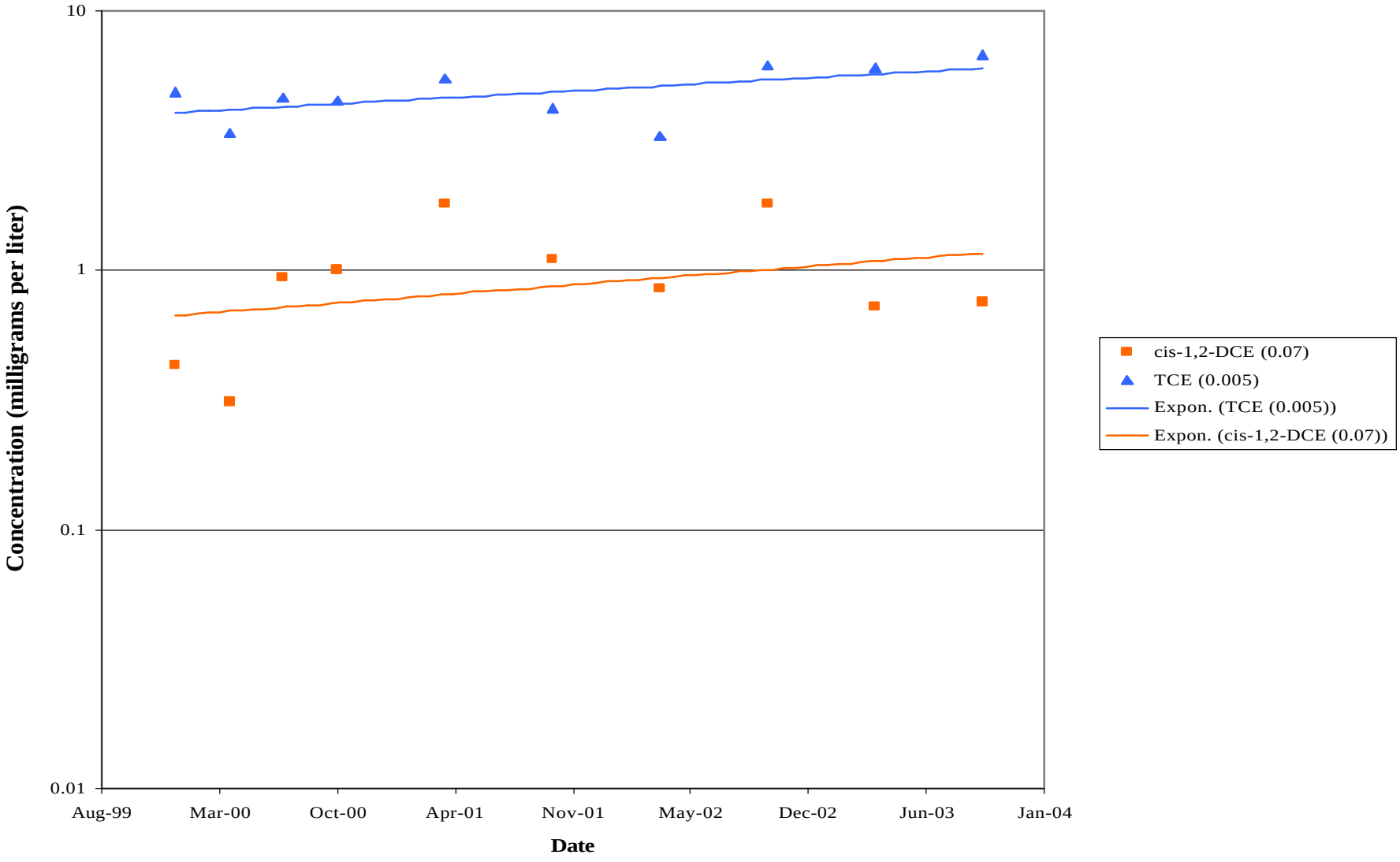
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B136C

FIGURE: 20



Note: IGCL listed in parentheses following each compound in milligrams per liter

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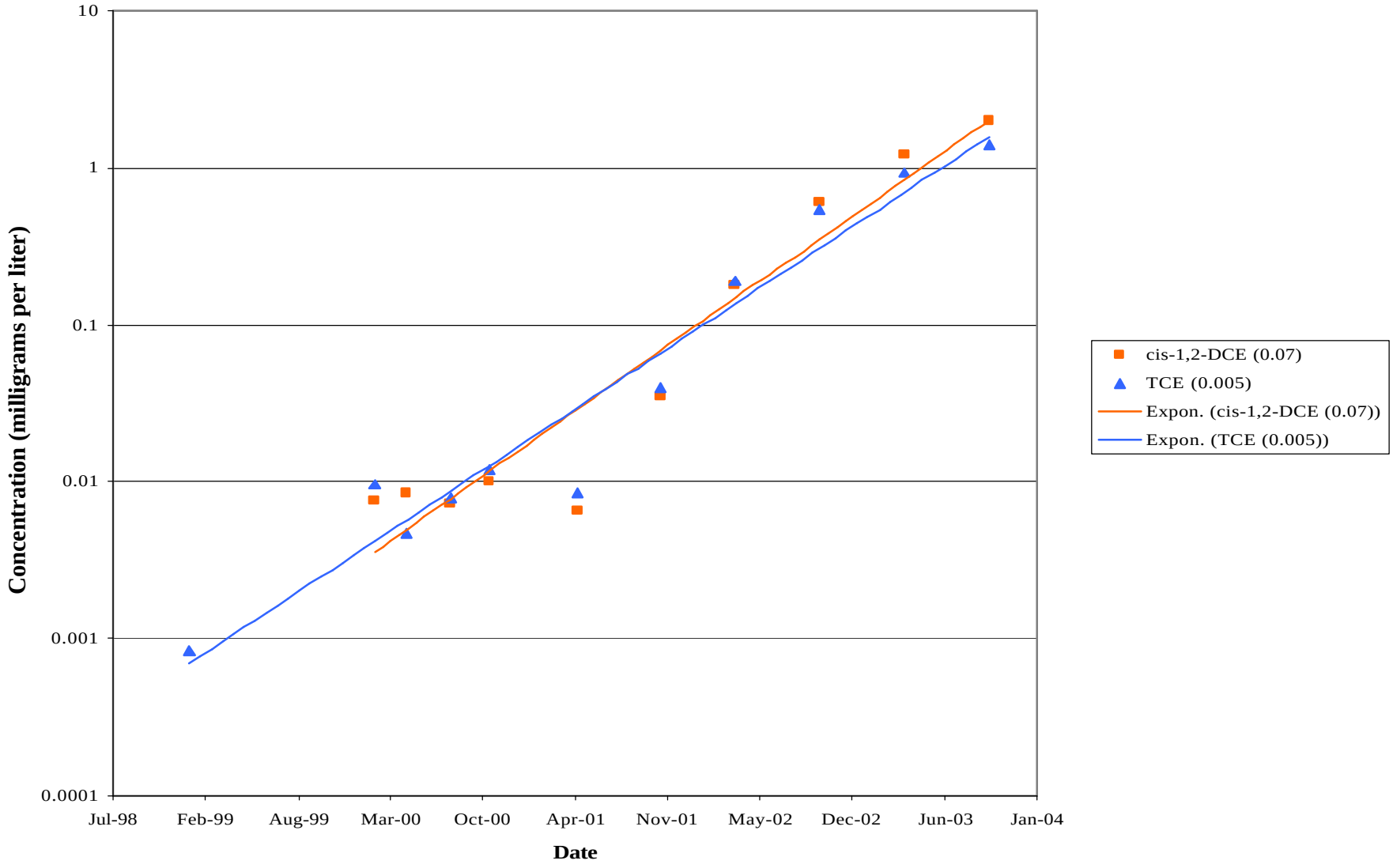
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B120C

FIGURE: 21



Note: IGCL listed in parentheses following each compound in milligrams per liter

URS Corporation
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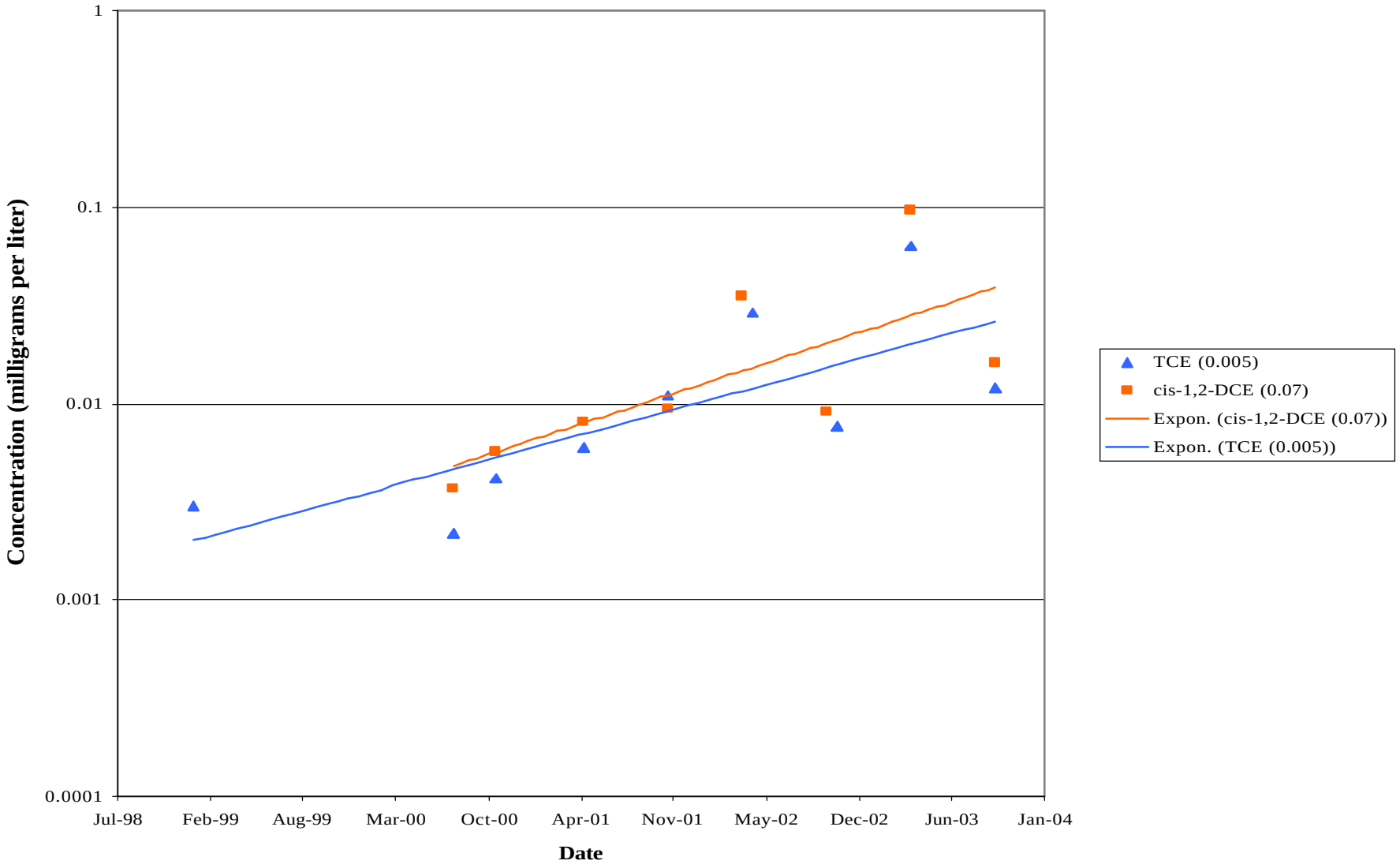
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B126A

FIGURE: 22



Note: IGCL listed in parentheses following each compound in milligrams per liter

URS Corporation
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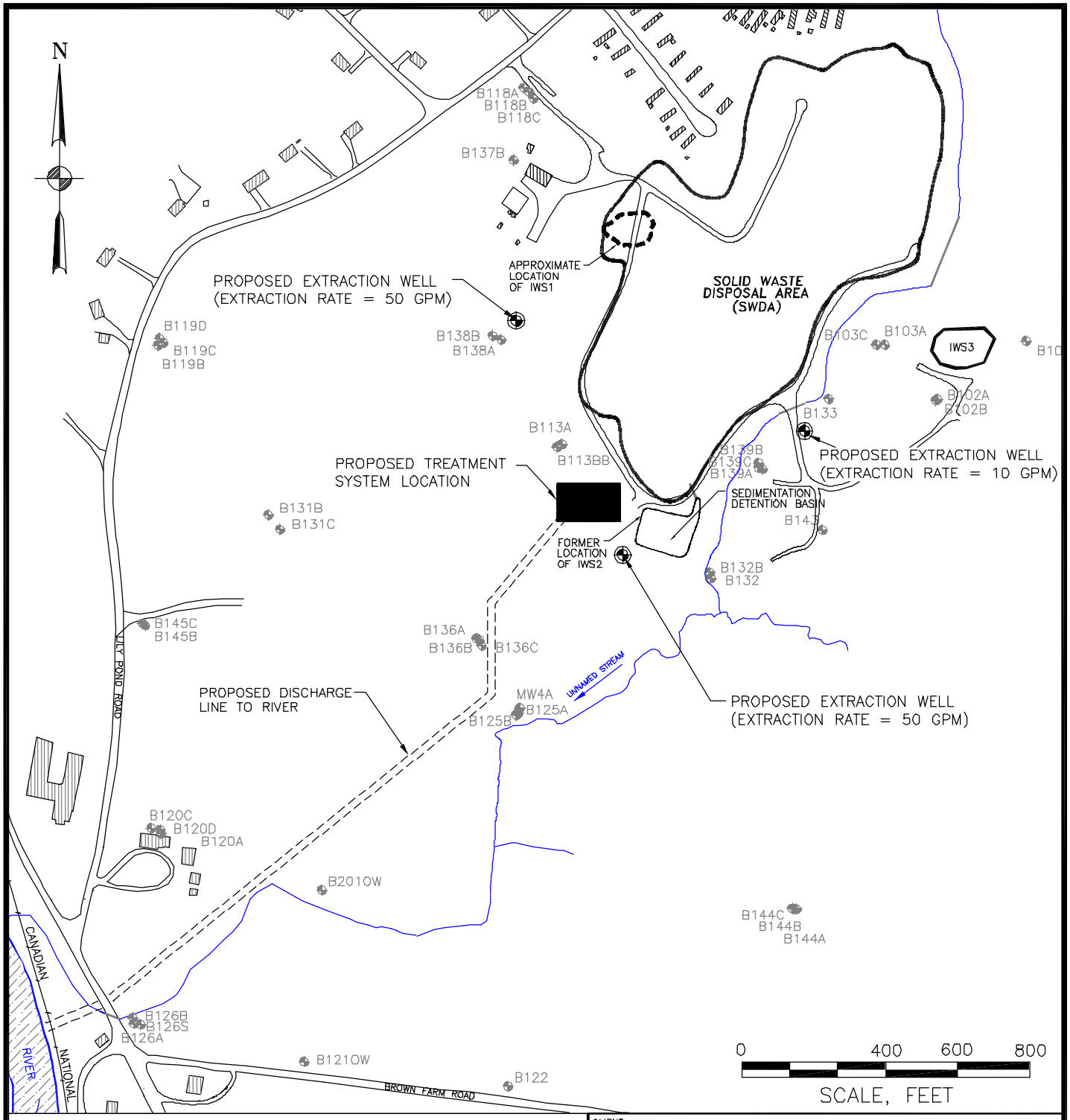
Hallowell, ME 04347
Phone: (207) 623-9188
Fax: (207) 622-6085

CLIENT: VERMONT AMERICAN CORPORATION

PROJECT: PARKER LANDFILL
LYNDON, VERMONT

TITLE: LONG-TERM TRENDS IN COMPOUNDS OF CONCERN
B126B

FIGURE: 23



LEGEND

B140 MONITORING WELL

ROAD

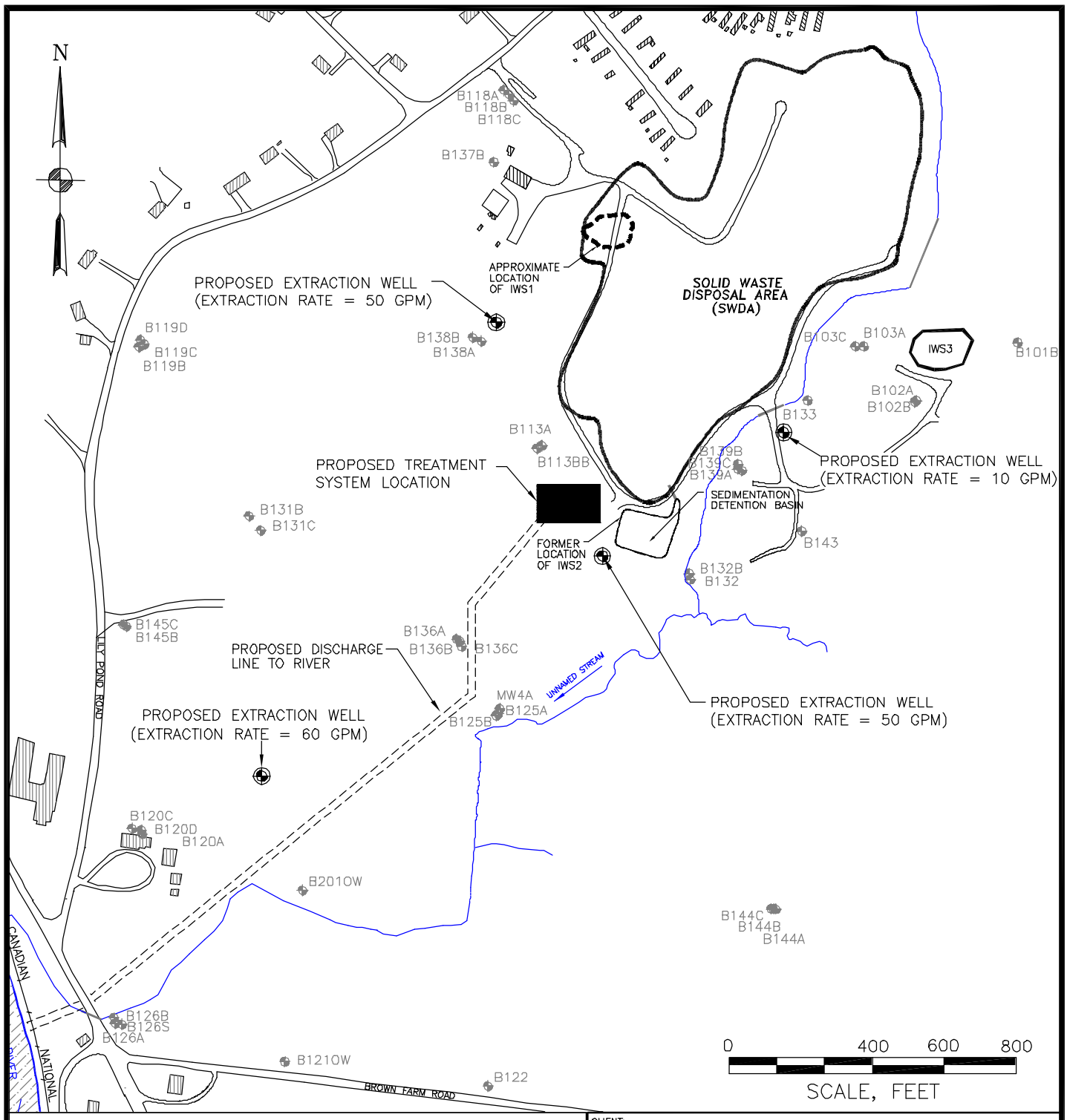
APPROXIMATE SWDA AND IWS-3 RCRA CAP AREAS

SOURCES:
BASE MAP FROM DRAWINGS BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. "REMEDIAL INVESTIGATION REPORT," DATED JANUARY 1994.

LANDFILL FEATURES PROVIDED BY CONESTOGA-ROVERS & ASSOCIATES' REMEDIAL ACTION REPORT LANDFILL CAP REMEDY OPERABLE UNIT", DATED JULY 2001.

NOTES:
WELL LOCATIONS SURVEYED BY URS CORPORATION, MARCH 2000 AND AUGUST 2003.

CLIENT: VERMONT AMERICAN CORPORATION			
PROJECT: PARKER LANDFILL LYNDON, VERMONT			
URS Corporation			
TITLE: GROUNDWATER PUMP AND TREAT SYSTEM LAYOUT ALTERNATIVE 1A			PROJECT NO: 16606-017
DESIGN: JCC	SCALE: AS SHOWN		FIGURE NO: 24
APPROVED: MAG	DATE: 01/28/04		
DRAWN: JSIH	FILE NO: S4757		



LEGEND

B140 MONITORING WELL

ROAD

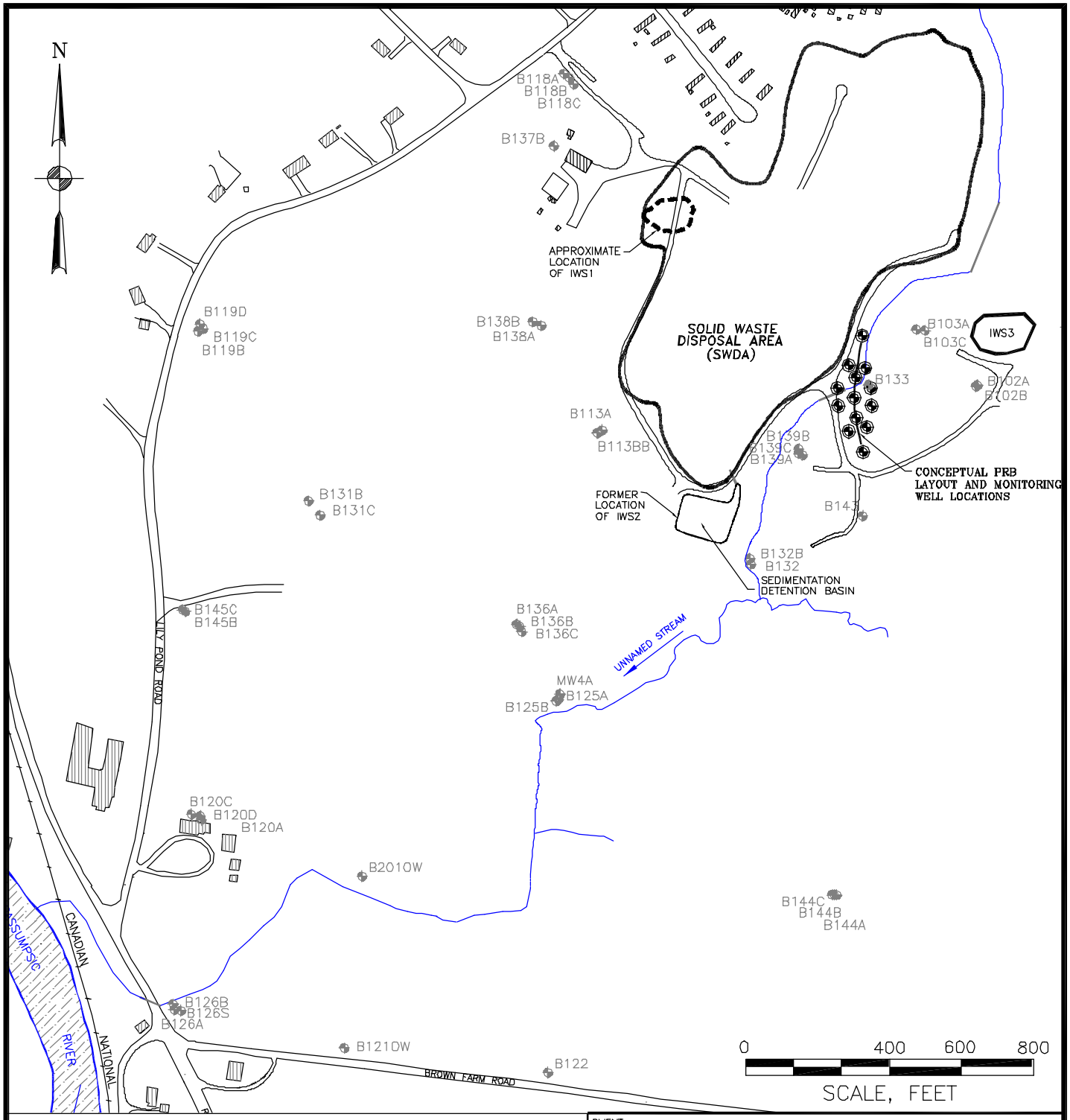
APPROXIMATE SWDA AND IWS-3 RCRA CAP AREAS

SOURCES:
BASE MAP FROM DRAWINGS BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. "REMEDIAL INVESTIGATION REPORT," DATED JANUARY 1994.

LANDFILL FEATURES PROVIDED BY CONESTOGA-ROVERS & ASSOCIATES' REMEDIAL ACTION REPORT LANDFILL CAP REMEDY OPERABLE UNIT", DATED JULY 2001.

NOTES:
WELL LOCATIONS SURVEYED BY URS CORPORATION, MARCH 2000 AND AUGUST 2003.

CLIENT: VERMONT AMERICAN CORPORATION			
PROJECT: PARKER LANDFILL LYNDON, VERMONT			
URS Corporation			
TITLE: EXPANDED GROUNDWATER PUMP AND TREAT SYSTEM LAYOUT ALTERNATIVE 1C			PROJECT NO: 16606-017
DESIGN: JCC	SCALE: AS SHOWN		FIGURE NO: 25
APPROVED: MAG	DATE: 01/28/04		
DRAWN: JSIH	FILE NO: S4754		



LEGEND

B120D MONITORING WELL

ROAD

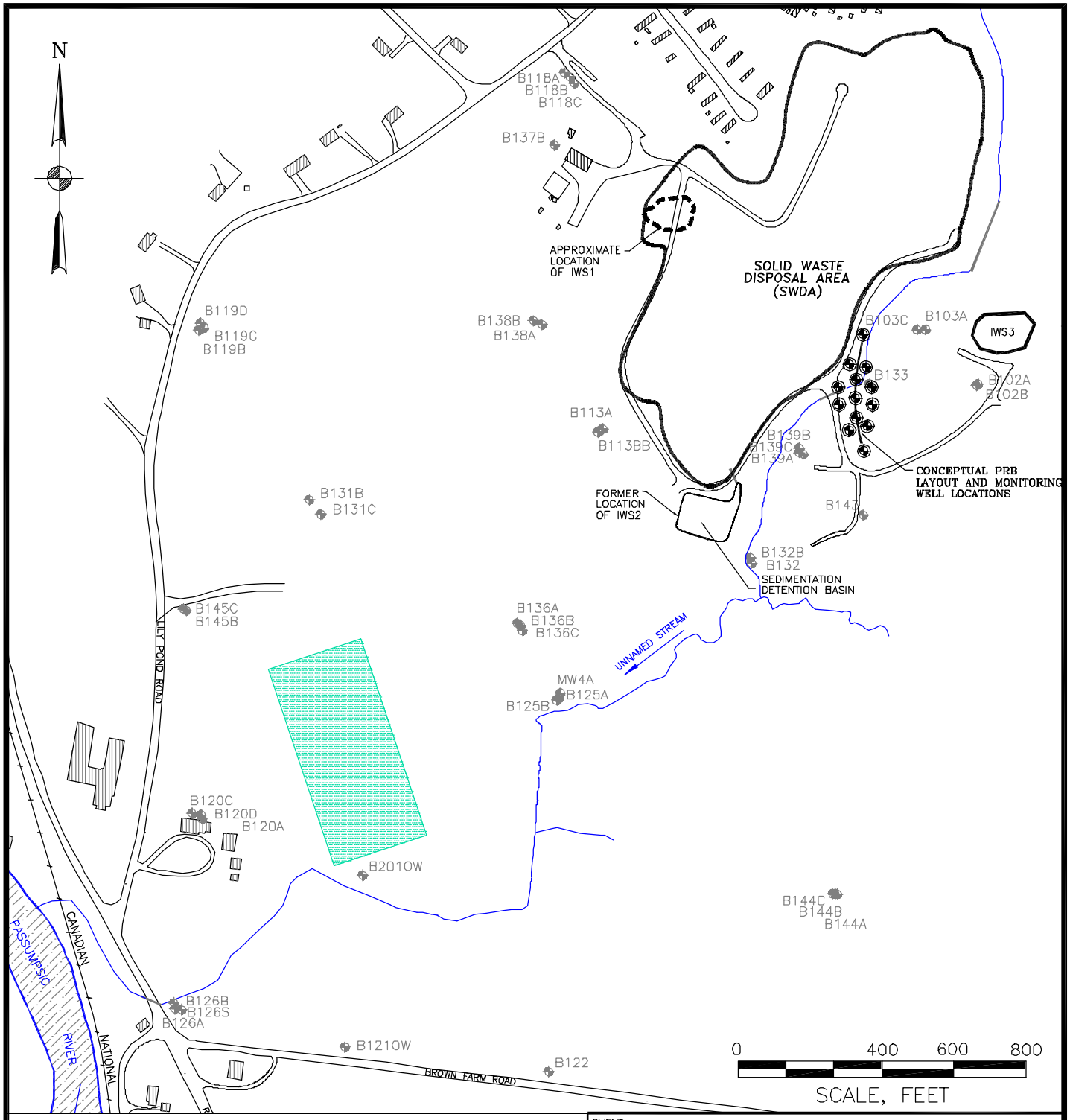
APPROXIMATE SWDA AND IWS-3 RCRA CAP AREAS

SOURCES:
BASE MAP FROM DRAWINGS BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. "REMEDIAL INVESTIGATION REPORT," DATED JANUARY 1994.

LANDFILL FEATURES PROVIDED BY CONESTOGA-ROVERS & ASSOCIATES' REMEDIAL ACTION REPORT LANDFILL CAP REMEDY OPERABLE UNIT", DATED JULY 2001.

NOTES:
WELL LOCATIONS SURVEYED BY URS CORPORATION, MARCH 2000 AND AUGUST 2003.

CLIENT: VERMONT AMERICAN CORPORATION			
PROJECT: PARKER LANDFILL LYNDON, VERMONT			
URS Corporation			
TITLE: PERMEABLE REACTIVE BARRIER LAYOUT ALTERNATIVE 4A			PROJECT NO: 16606-017
DESIGN: JCC	SCALE: AS SHOWN		FIGURE NO: 26
APPROVED: MAG	DATE: 01/28/04		
DRAWN: JSIH	FILE NO: S4755		



LEGEND:

B120D — MONITORING WELL

ROAD

APPROXIMATE SWDA AND IWS-3 RCRA CAP AREAS

AREA OF BIO-ENHANCED ATTENUATION

SOURCES:

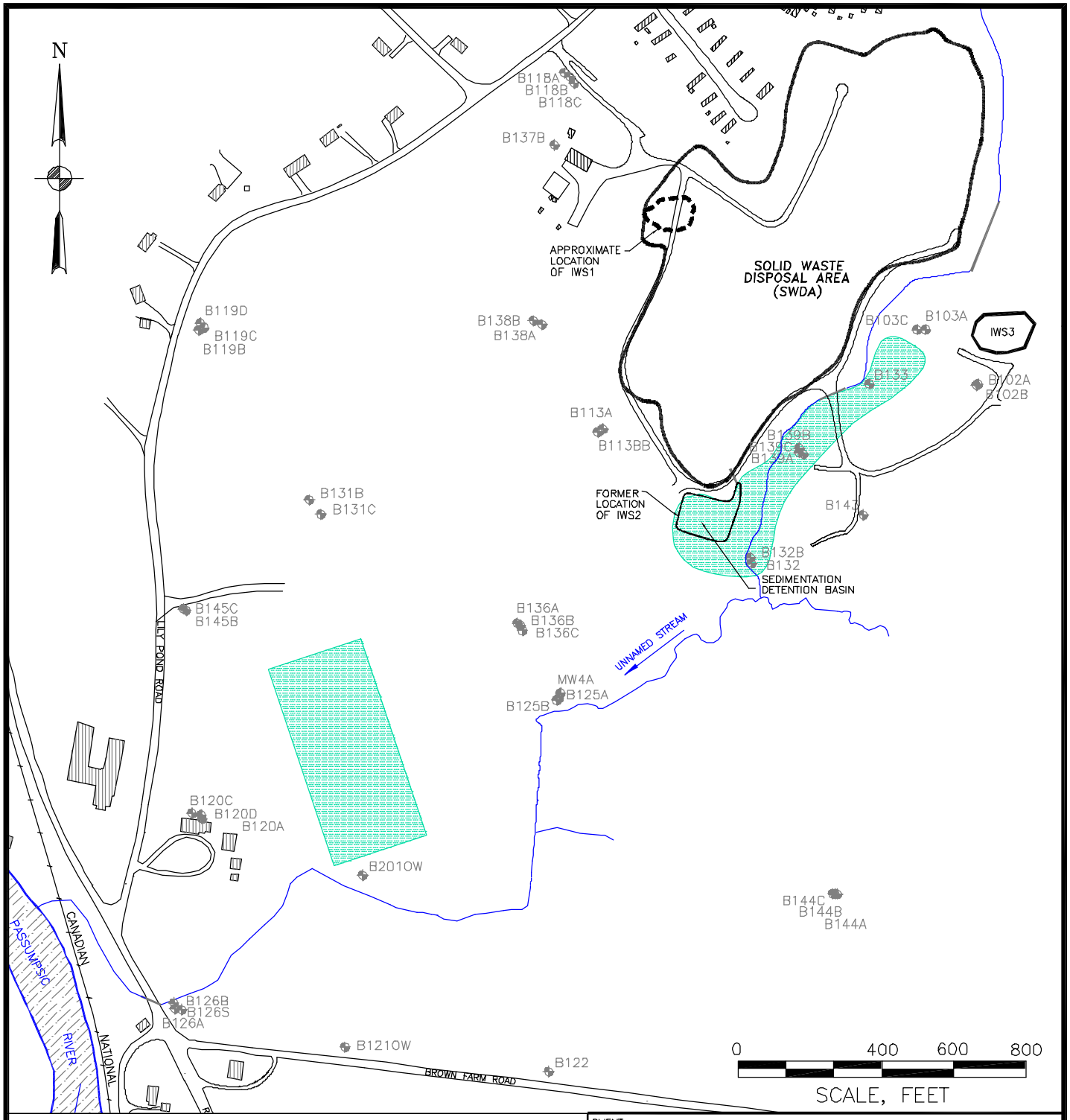
BASE MAP FROM DRAWINGS BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. "REMEDIAL INVESTIGATION REPORT," DATED JANUARY 1994.

LANDFILL FEATURES PROVIDED BY CONESTOGA-ROVERS & ASSOCIATES' REMEDIAL ACTION REPORT LANDFILL CAP REMEDY OPERABLE UNIT", DATED JULY 2001.

NOTES:

WELL LOCATIONS SURVEYED BY URS CORPORATION, MARCH 2000 AND AUGUST 2003.

CLIENT: VERMONT AMERICAN CORPORATION			
PROJECT: PARKER LANDFILL LYNDON, VERMONT			
URS Corporation			
TITLE: PERMEABLE REACTIVE BARRIER AND BIO-ENHANCED ATTENUATION LAYOUT ALTERNATIVE 4B			PROJECT NO: 16606-017
DESIGN: JCC	SCALE: AS SHOWN		FIGURE NO: 27
APPROVED: MAG	DATE: 01/28/04		
DRAWN: JSIH	FILE NO: S4758		



LEGEND:

B120D — MONITORING WELL

ROAD

APPROXIMATE SWDA AND IWS-3 RCRA CAP AREAS

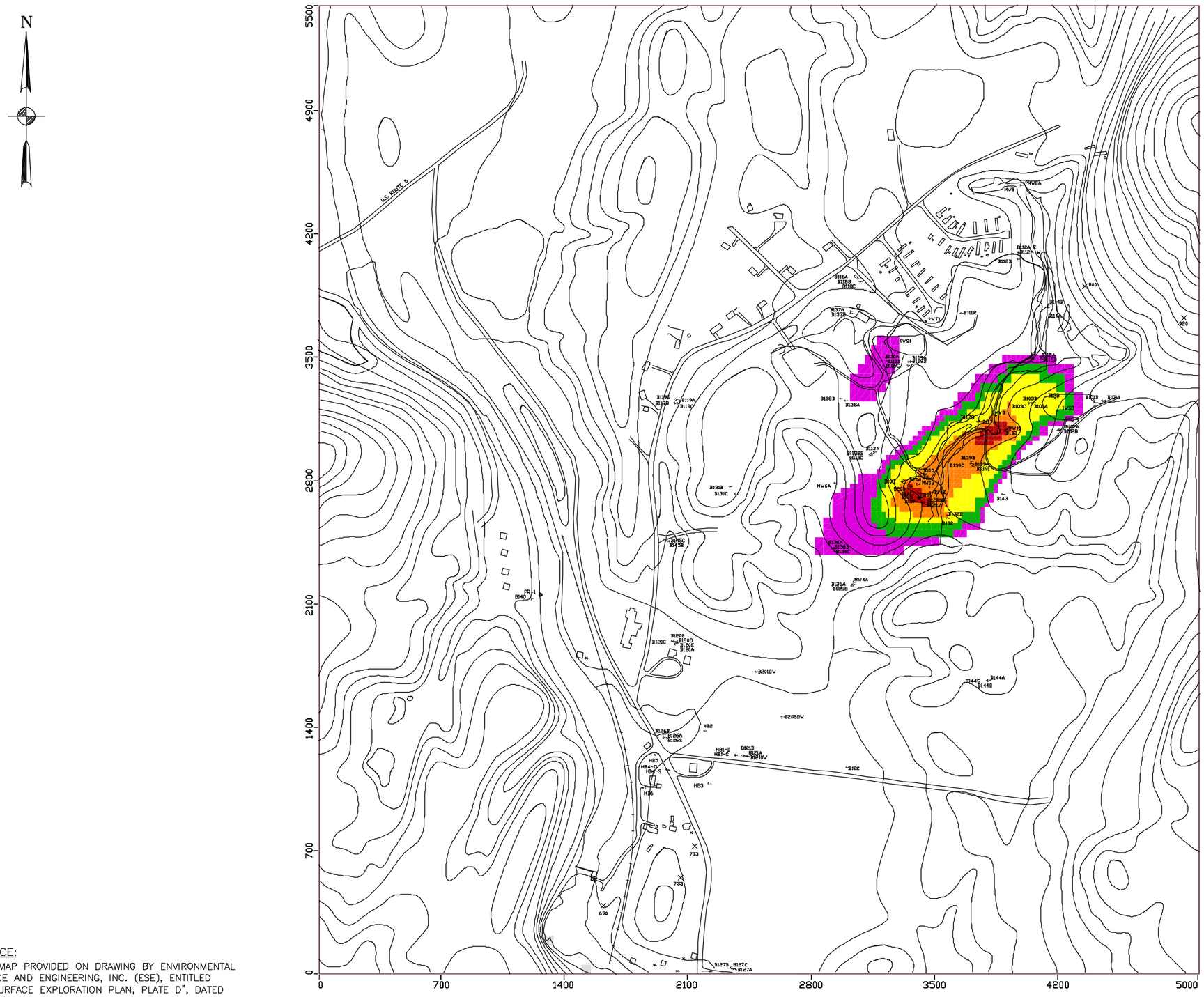
AREA OF BIO-ENHANCED ATTENUATION

SOURCES:
BASE MAP FROM DRAWINGS BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. "REMEDIAL INVESTIGATION REPORT," DATED JANUARY 1994.

LANDFILL FEATURES PROVIDED BY CONESTOGA-ROVERS & ASSOCIATES' REMEDIAL ACTION REPORT LANDFILL CAP REMEDY OPERABLE UNIT", DATED JULY 2001.

NOTES:
WELL LOCATIONS SURVEYED BY URS CORPORATION, MARCH 2000 AND AUGUST 2003.

CLIENT:	VERMONT AMERICAN CORPORATION		
PROJECT:	PARKER LANDFILL LYNDON, VERMONT		
	URS Corporation		
TITLE:	BIO-ENHANCED ATTENUATION APPLICATION AREA ALTERNATIVE 5B		PROJECT NO: 16606-017
DESIGN: JCC	SCALE: AS SHOWN		FIGURE NO: 28
APPROVED: MAG	DATE: 01/28/04		
DRAWN: JSIH	FILE NO: S4756		



LEGEND:

COLOR	STARTING TRICHLOROETHENE CONCENTRATION (MG/L)
	5.0
	1.0
	0.5
	0.1
	0.01

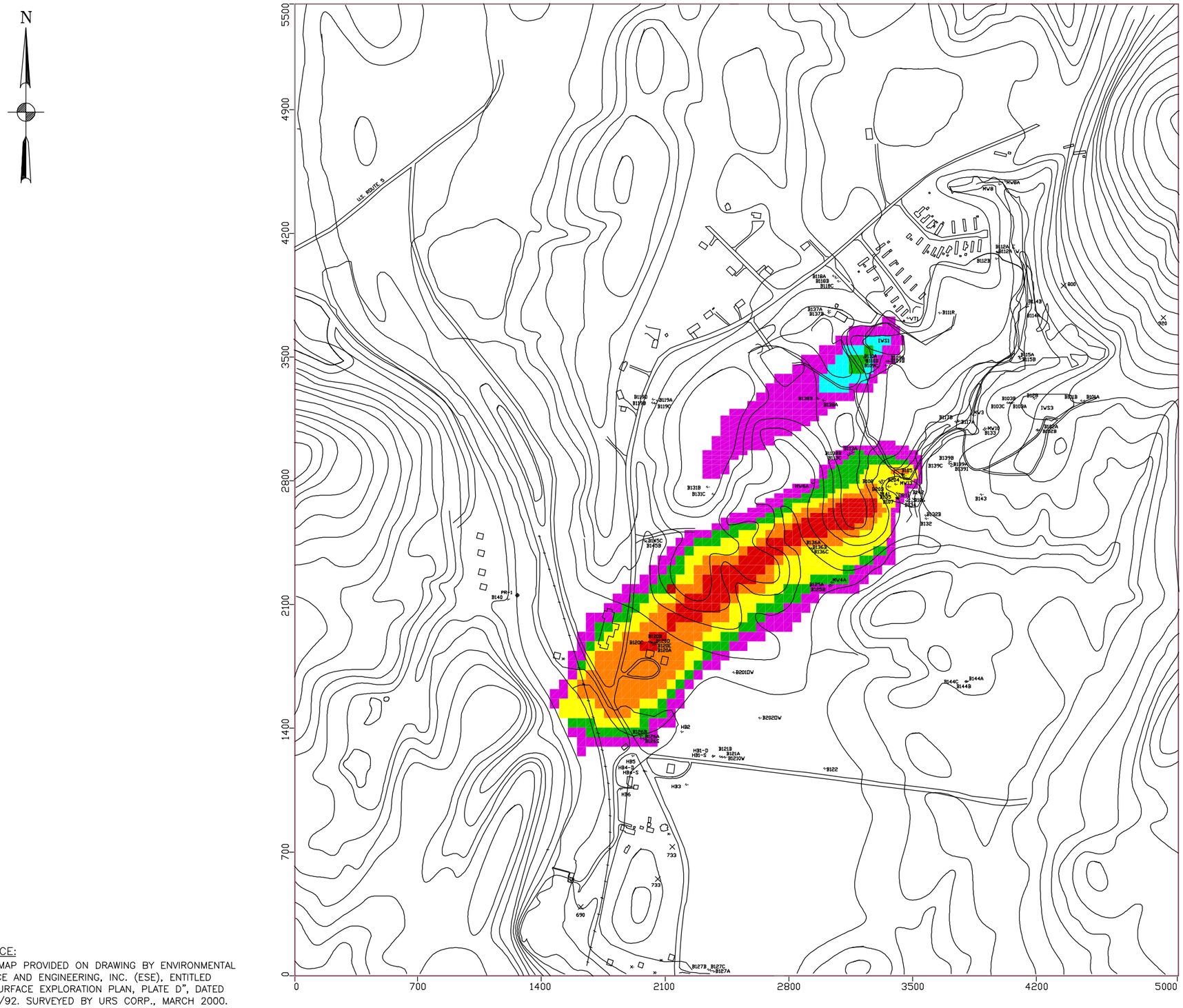
NOTE:
1. DRAWING DEPICTS INPUT CONCENTRATION DISTRIBUTION FOR WATER TABLE ZONE OF LAYERS 2 THROUGH LAYER 5.

2. MT3–D STARTING POINT CONCENTRATION DISTRIBUTION USED FOR ALL SIMULATIONS OF AQUIFER RESTORATIONS RESULTING FROM REMEDIAL ALTERNATIVE IMPLEMENTATION. IMPACTS FOR AQUIFER ZONE LOCATED BETWEEN WATER TABLE AND TOP OF ROCK ARE INTERPOLATED.

0 600 900 1200
SCALE, FEET

SOURCE:
BASE MAP PROVIDED ON DRAWING BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. (ESE), ENTITLED "SUBSURFACE EXPLORATION PLAN, PLATE D", DATED 11/12/92. SURVEYED BY URS CORP., MARCH 2000.

CLIENT:	VERMONT AMERICAN CORPORATION		
PROJECT:	PARKER LANDFILL LYNDON, VERMONT		
URS Corporation			
TITLE:	SOLUTE TRANSPORT MODEL STARTING POINT CONCENTRATION DISTRIBUTION SHALLOW OVERBURDEN		PROJECT NO: 16606–017
DESIGN: JCC		SCALE: AS SHOWN	FIGURE NO: 29
APPROVED: JCC		DATE: 02/13/04	
DRAWN: MLS		FILE NO: P328	



LEGEND:

COLOR	STARTING TRICHLOROETHENE CONCENTRATION (MG/L)
	5.0
	1.0
	0.5
	0.1
	0.05
	0.01

NOTE:
1. DRAWING DEPICTS INPUT CONCENTRATION DISTRIBUTION FOR GENERAL TOP-OF-ROCK GROUNDWATER ZONE (LAYER 8).

2. MT3-D STARTING POINT CONCENTRATION DISTRIBUTION USED FOR ALL SIMULATIONS OF AQUIFER RESTORATIONS RESULTING FROM REMEDIAL ALTERNATIVE IMPLEMENTATION. IMPACTS FOR AQUIFER ZONE LOCATED BETWEEN WATER TABLE AND TOP OF ROCK ARE INTERPOLATED.

0 600 900 1200
SCALE, FEET

SOURCE:
BASE MAP PROVIDED ON DRAWING BY ENVIRONMENTAL SCIENCE AND ENGINEERING, INC. (ESE), ENTITLED "SUBSURFACE EXPLORATION PLAN, PLATE D", DATED 11/12/92. SURVEYED BY URS CORP., MARCH 2000.

CLIENT:	VERMONT AMERICAN CORPORATION		
PROJECT:	PARKER LANDFILL LYNDON, VERMONT		
URS Corporation			
TITLE:	SOLUTE TRANSPORT MODEL STARTING POINT CONCENTRATION DISTRIBUTION TOP-OF-ROCK		PROJECT NO: 16606-017
DESIGN: JCC		SCALE: AS SHOWN	FIGURE NO: 30
APPROVED: JCC		DATE: 02/13/04	
DRAWN: MLS		FILE NO: P329	