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Rev. 07/10/02

Supplemental SVOC Investigation Report for Area 3

The Lockformer Company
Lisle, Illinois

Clayton Project No. 15-65263.01.015
November 27, 2002

Prepared for:
THE LOCKFORMER COMPANY
Lisle, Illinois

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Clayton
GROUP SERVICES

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1.0 INTRODUCTION

In a meeting on September 26, 2002, the Illinois Attorney General (IAG) and the Illinois Environmental Protection Agency (IEPA) requested that The Lockformer Company (Lockformer) prepare a supplemental report that provides the results of recent investigations in Areas 1, 2, and 3 at the Lockformer site. On October 18, 2002, Lockformer submitted the Supplemental Comprehensive VOC Investigation Report (SCVOCR) for Areas 1 and 2 in response to the IAG and the IEPA request. This supplemental report is a follow-up to both the SCVOCR for Areas 1 and 2 submitted on October 18, 2002, and the Comprehensive VOC Investigation Report submitted to the IAG and the IEPA on May 10, 2002. The recent investigations in Area 3 have been performed under the oversight of the United States Environmental Protection Agency (USEPA) and conducted per the USEPA-approved Lockformer Work Plan (LWP) dated September 20, 2002. It was suggested by the IAG and the IEPA in the September 26, 2002 meeting with Lockformer that comments could be provided to this supplemental report that would allow Lockformer to develop the Remediation Objectives Report called for in the Agreed Order between the IAG and Lockformer entered on January 22, 2001.

At the time of production of this supplemental report, Lockformer has been negotiating the terms for access to third party properties and had not been able to complete investigations to the west of Area 3. Property access has recently been obtained and these investigations are due to begin the week of December 2, 2002. Recent discussions between Lockformer and the IAG have concluded that this data, when acquired, should be submitted separately. Soil and groundwater analytical results and recommendations for Area 3 will be deferred until the submittal of this additional data.

1.1 OBJECTIVES OF THE SUPPLEMENTAL REPORT

The objective of this supplemental report is to present the soil and groundwater data collected in Area 3 of the Lockformer site and its vicinity since the May 10, 2002 Comprehensive VOC Investigation Report was issued. These most recent data collection efforts are augmented by previous data collected at the site to present as complete a characterization and interpretation of the data as possible at this time. It is the expectation of this supplemental report that the reviewer is familiar with the Comprehensive VOC Investigation Report for the Lockformer site dated May 10, 2002. It is not the intent of this supplemental report to provide the background and comprehensive details regarding the Lockformer site included in the May 10, 2002 report.

2.0 RECENT INVESTIGATIONS IN AREA 3

Investigations in Area 3 of the Lockformer site since the May 10, 2002 report have primarily been conducted to determine the extent of contamination resulting from releases from the sanitary sewer system. The predominant contaminant at the Lockformer site is trichloroethene (TCE). The recent investigations in Area 3 since May 10, 2002 have involved the installation of 27 soil borings and 13 groundwater monitoring wells. Many of the boring logs for these soil borings and groundwater monitoring wells were provided in the October 18, 2002 SCVOCR submittal. The boring logs for soil borings and groundwater monitoring wells not included in the October 18, 2002 SCVOCR submittal are provided in Appendix A.

2.1 SOIL INVESTIGATIONS IN AREA 3

The data collected from the recent soil sampling investigations in Area 3 have been compiled and prepared for review. The soil sampling data collected in Area 3 appear in

sequential order by boring in Table 1. The recent soil sampling data contained in Table 1 have been plotted in plan view and incorporated with previous soil sampling data collected from the site for the upper fill/till and appear as Figure 1. The recent soil sampling data contained in Table 2 have been plotted in plan view and incorporated with previous soil sampling data collected from the site for the mass waste unit and appear as Figure 2. The recent soil sampling data contained in Table 3 have been plotted in plan view and incorporated with previous soil sampling data collected from the site for the lower till and appear as Figure 3.

To allow additional geologic and hydrogeologic interpretation of the recent investigation data, a series of cross-sections have been prepared for the Lockformer site. A reference map for the prepared cross-sections is provided as Figure 4. Figure 5 illustrates cross-section A-A,' which runs north to south through the west side of Area 3; cross-section B-B,' which runs north to south through the east-central portion of Area 3; and cross-section C-C,' which runs north to south along the east side of Area 3. Figure 6 illustrates two cross-sections, D-D' and E-E.' Cross-section D-D' is oriented west-to-east along the south side of the Area 3 retention basin north of the Lisle sanitary sewer. Cross-section E-E' is a west-to-east cross-section located along the south property boundary of Area 3 south of the Lisle sanitary sewer. To provide a fuller understanding of the contaminant migration through soils in Area 3, the concentrations of TCE determined to be present in soil samples from borings used to construct the cross-sections have been illustrated.

2.2 GROUNDWATER INVESTIGATIONS IN AREAS 1 AND 2

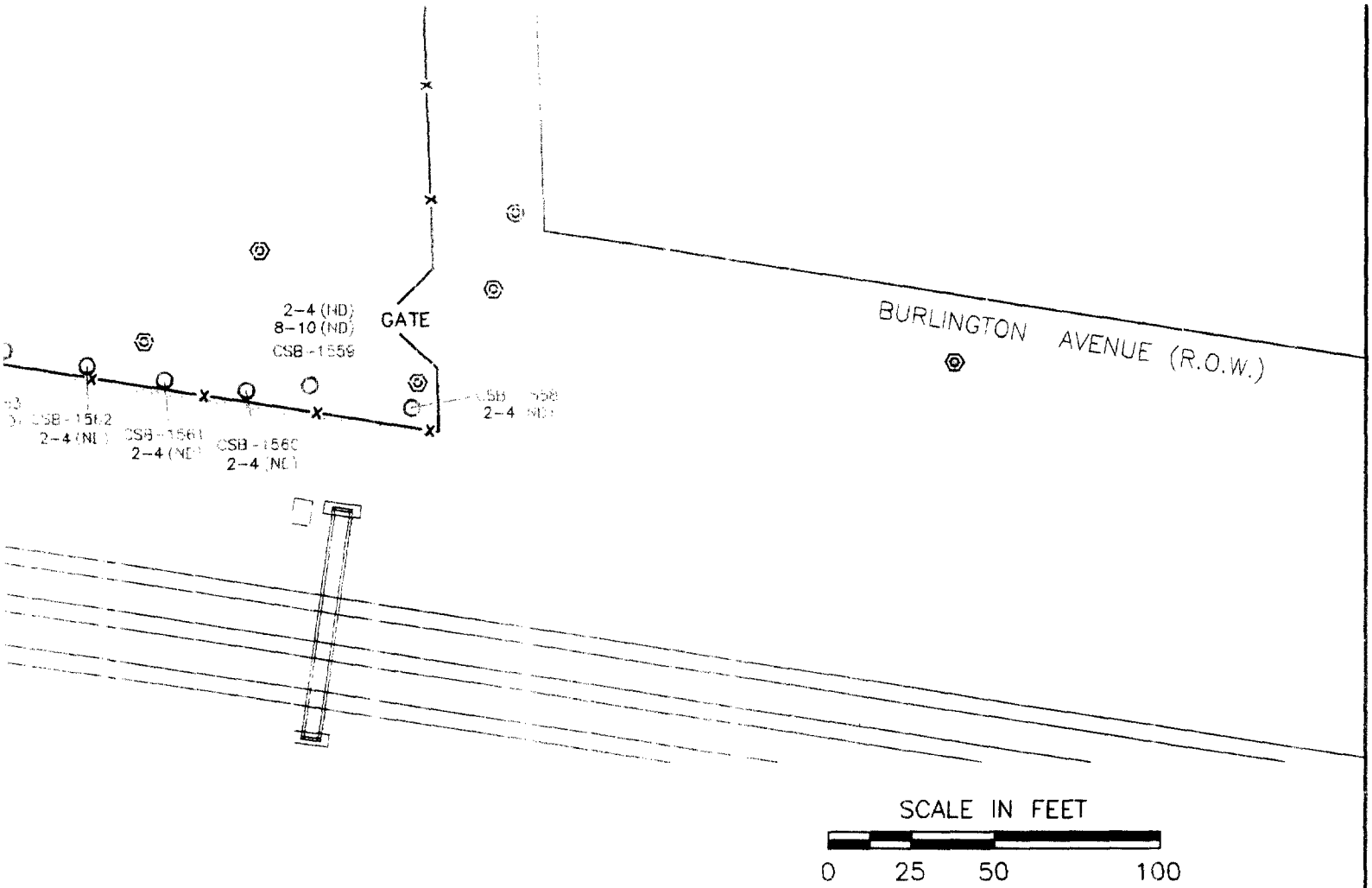
A total of 17 additional groundwater monitoring wells have been installed during groundwater investigations of the Lockformer property since issuing the May 10, 2002 report. Of these 17 additional monitoring well installations, 13 of these monitoring wells have been installed in Area 3. The other four monitoring wells have been installed along the west side of Area 2 and on the Ogden Corporate Center to further confirm the nature

of groundwater contamination there. The 13 new wells installed since the May 10, 2002 report include MW-1115M, MW-1115D, MW-1116M, MW-1116D, MW-1119D, MW-2100S, MW-2100M, MW-2100D, MW-2101, MW-2102, MW-2103, MW-1120D, and MW-1121D. Additionally, bedrock well MW-1604D was installed along Front Street adjacent to existing monitoring well MW-1604.

Lockformer has performed an additional round of sampling of all the monitoring wells onsite in Area 3 and in offsite areas of the Front Street subdivision. The sampling results from monitoring wells completed in the glacial drift are provided in Table 2. The sampling results from double-packer testing of the bedrock monitoring wells are provided as Table 3. The results of groundwater grab samples acquired during the drilling of soil borings in and around Area 3 are provided as Table 4.

The results of groundwater monitoring well and groundwater grab sampling performed since the May 10, 2002 report are summarized on Figure 7.

FIGURES



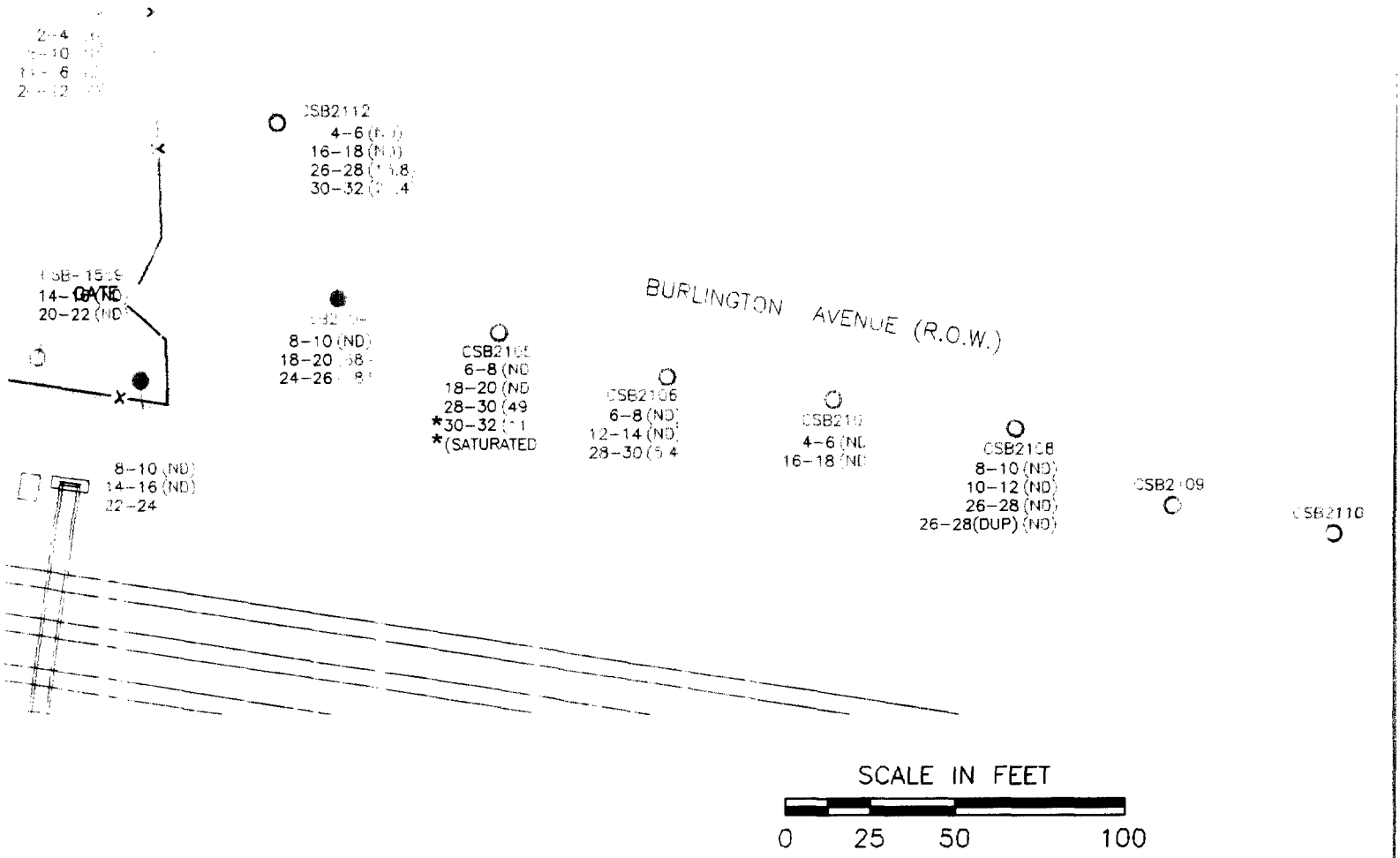
TCE SOIL ANALYTICAL RESULTS
FOR THE FILL/TILL UNIT IN AREA 3

THE LOCKFORMER COMPANY
711 W. OGDEN AVENUE
LISLE, ILLINOIS

FIGURE

1

2-4 (ND)

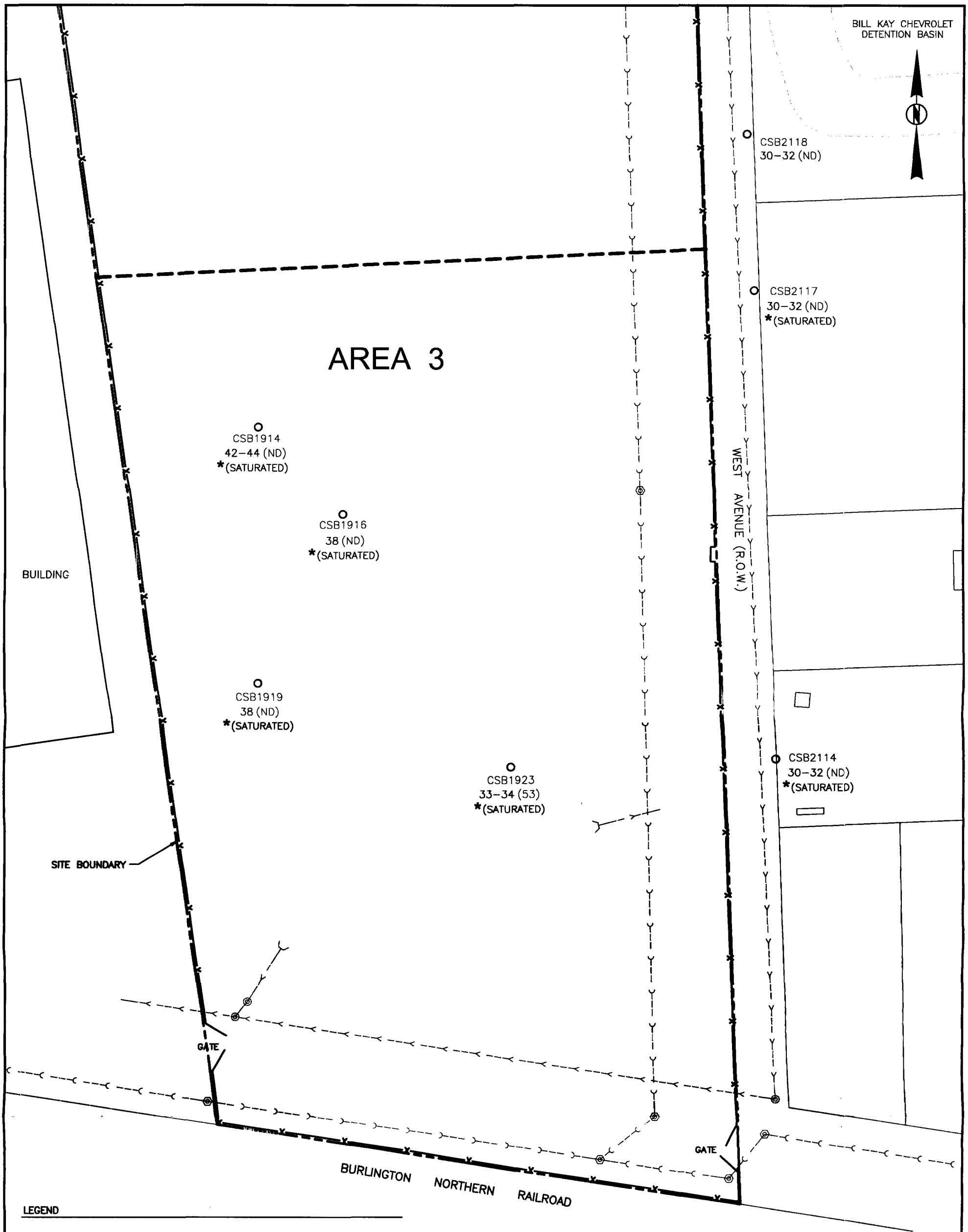


TCE SOIL ANALYTICAL RESULTS
FOR THE MASS WASTE UNIT IN AREA 3

THE LOCKFORMER COMPANY
711 W. OGDEN AVENUE
LISLE, ILLINOIS

FIGURE

2



LEGEND

O	CLAYTON SOIL SAMPLE LOCATION (WITH ANALYTICAL RESULTS)
ND	NON–DETECT
14–16 (12.2)	SAMPLE DEPTH (BGS) – TCE CONCENTRATIONS
—< —	SANITARY SEWER LINE
—< —	STORM SEWER LINE

NOTE: ALL RESULTS SHOWN IN ug/kg.

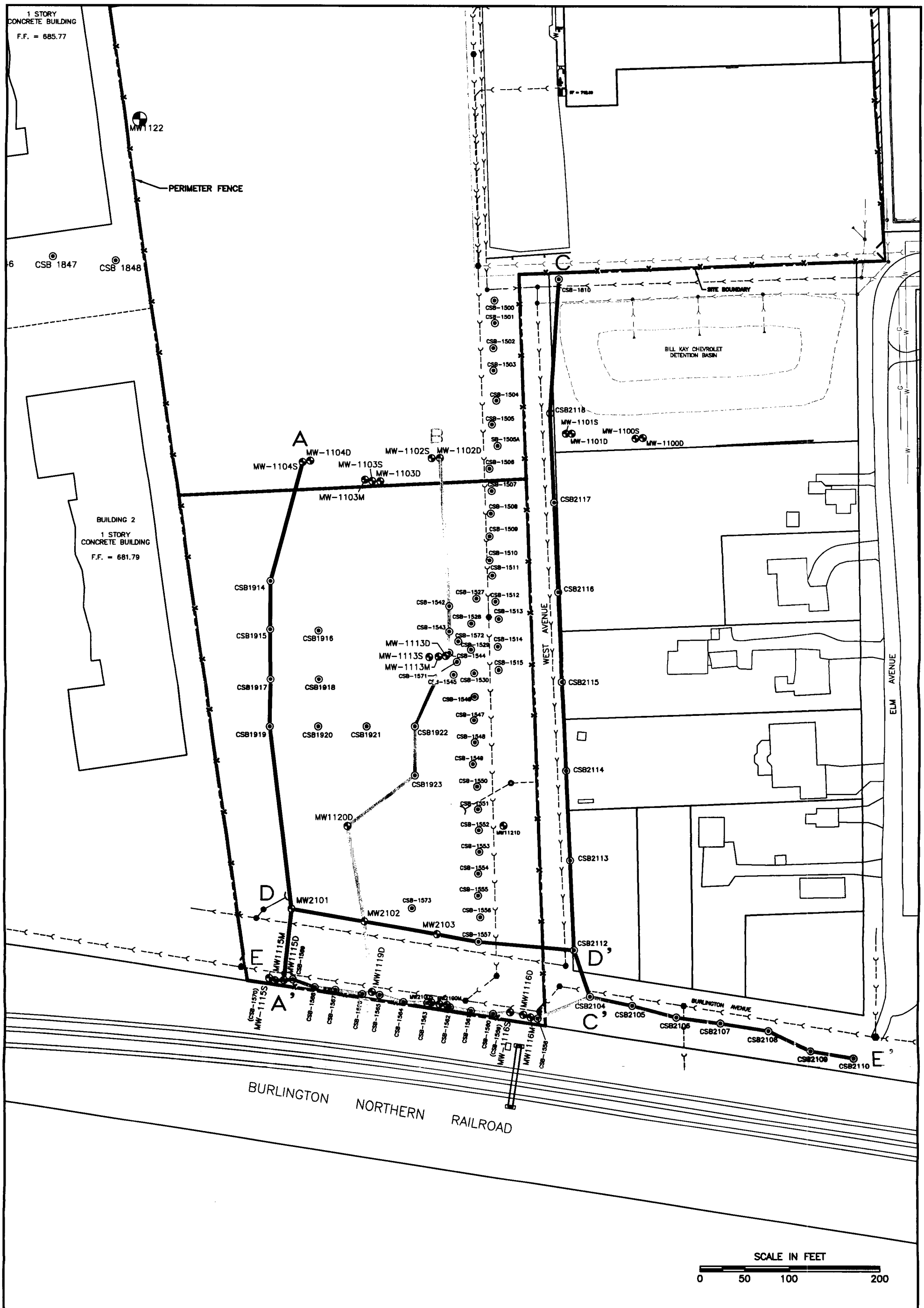
SCALE IN FEET
0 30 60 120

CHECK BY	
DRAWN BY	BCP
DATE	11–27–02
SCALE	AS SHOWN
CAD NO.	65262315D
PRJ NO.	65263.01

TCE SOIL ANALYTICAL RESULTS
FOR THE LOWER TILL UNIT
IN AREA 3
THE LOCKFORMER COMPANY
711 W. OGDEN AVENUE
LISLE, ILLINOIS

Clayton GROUP SERVICES

FIGURE 3



CHECK BY	INIT
DRAWN BY	BCP
DATE	11-27-02
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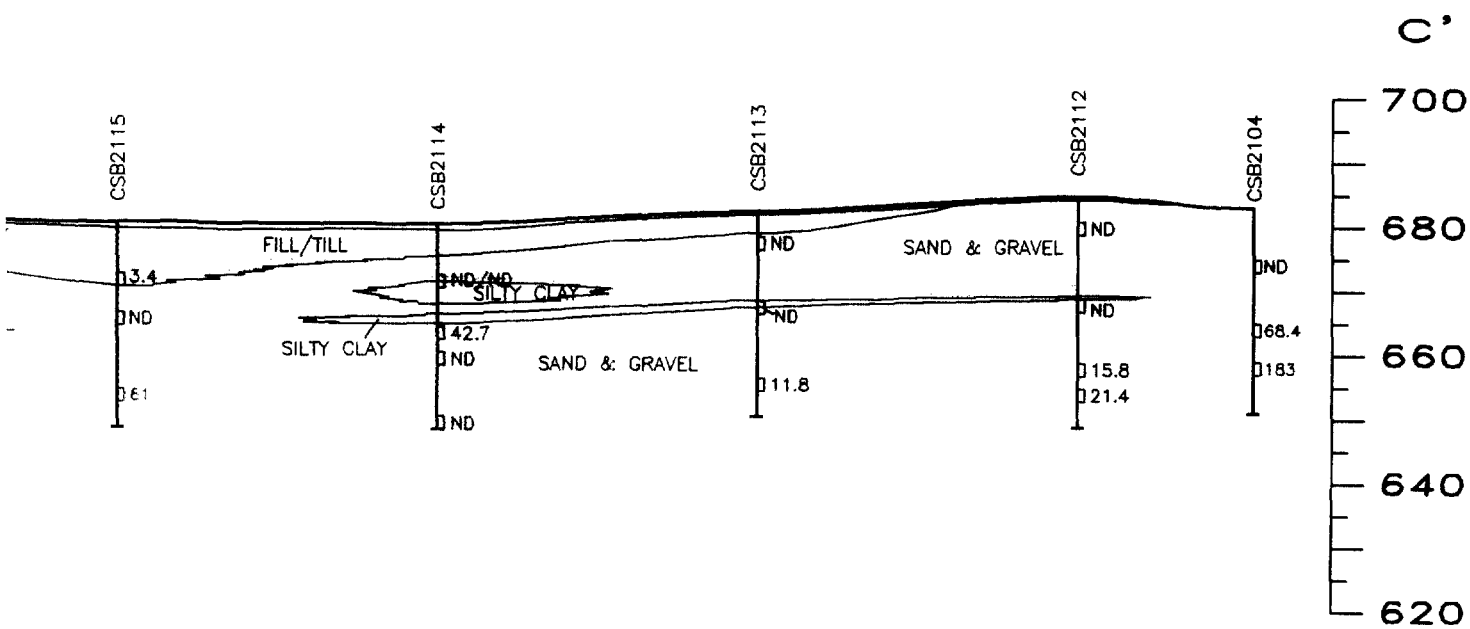
CROSS SECTION REFERENCE MAP

THE LOCKFORMER COMPANY
711 W. OGDEN AVENUE
LISLE, ILLINOIS

Clayton GROUP SERVICES

FIGURE 4



TION C-C'

HORIZONTAL:
SCALE IN FEET

0 30 60 120

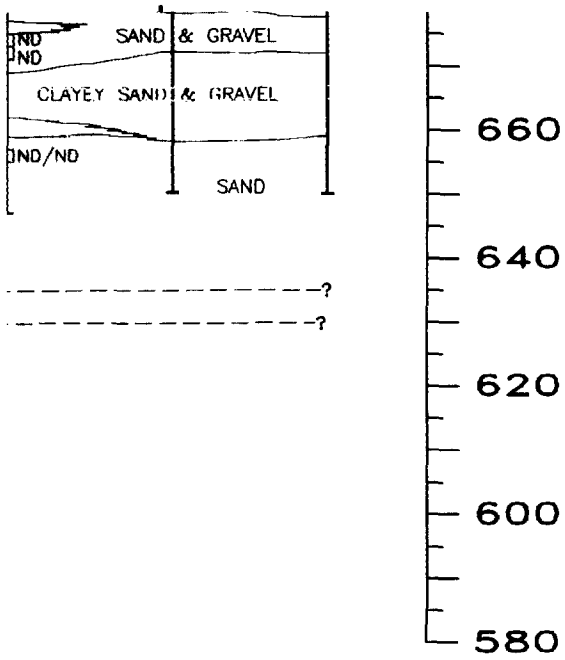
VERTICAL EXAGGERATION = 2X

CROSS-SECTIONS A – A', B – B', C – C'

THE LOCKFORMER COMPANY
711 W. OGDEN AVENUE
LISLE, ILLINOIS

FIGURE

5



HORIZONTAL:
SCALE IN FEET

0 30 60 120

VERTICAL EXAGGERATION = 2X

BCP	CROSS-SECTIONS D – D', E' –E'	Clayton GROUP SERVICES
1-27-02		
AS SHOWN	THE LOCKFORMER COMPANY	
526315A	711 W. OGDEN AVENUE	FIGURE
5263.01	LISLE, ILLINOIS	6

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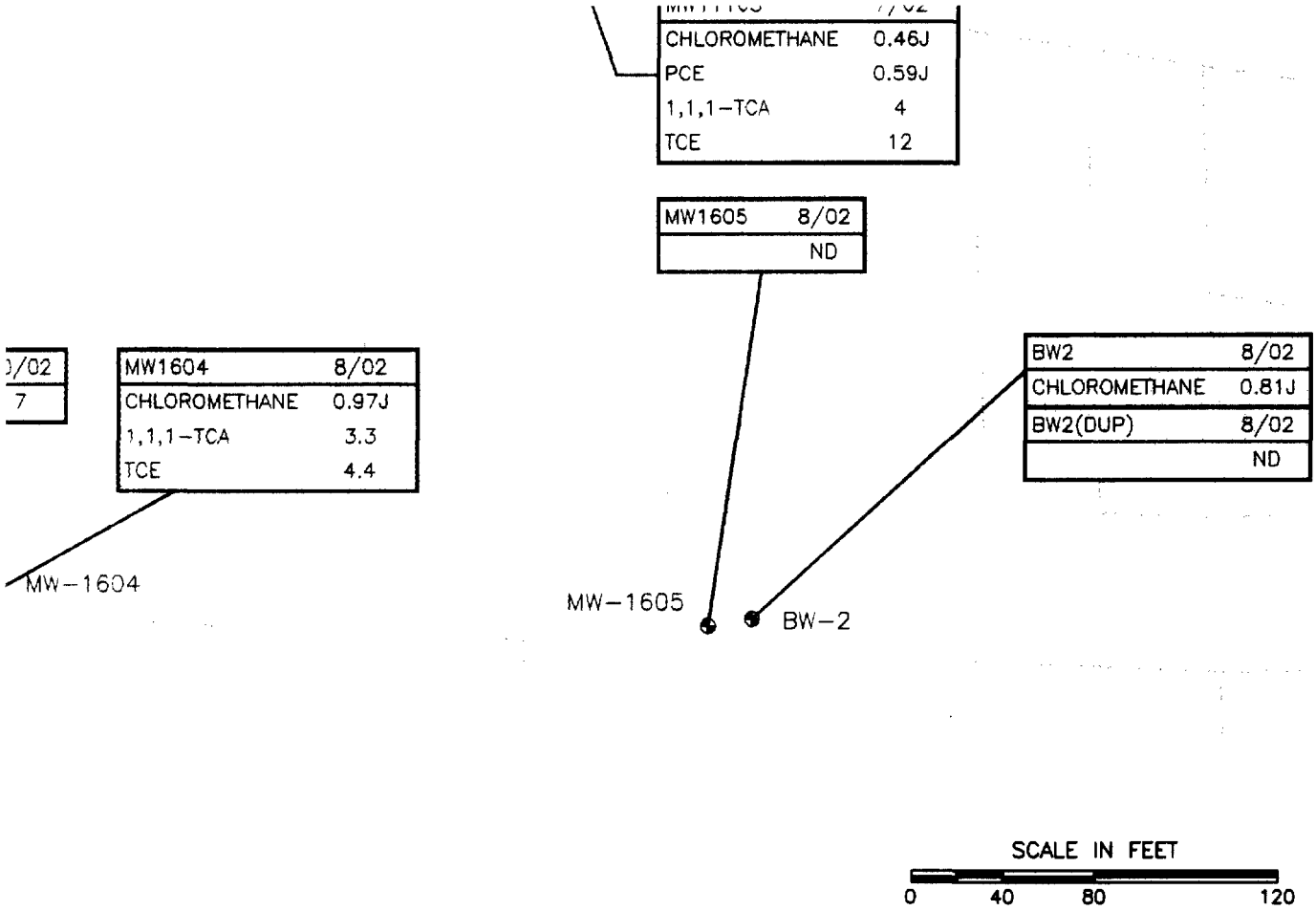


2002 GROUNDWATER ANALYTICAL RESULTS
FOR THE VICINITY OF AREA 3

THE LOCKFORMER COMPANY
711 W. OGDEN AVENUE
LISLE, ILLINOIS

FIGURE

7

TABLES

Footnotes

The Lockformer Company / Lisle, Illinois

B = Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.

D = Analyte value from diluted analysis, or surrogate result not applicable due to sample dilution.

E = Analyte concentration exceeds calibration range.

J = Qualitative evidence of analyte present: concentration detected is greater than the method detection limit but less than the reporting limit.

N = Spiked sample recovery not within control limits.

U = The analyte was not detected above the reporting limit.

& = Laboratory Control Spike recovery not within control limits.

* = Duplicate analyses not within control limits.

< = Compound not identified above method detection limit

NE = Not Established

Values expressed in micrograms per kilogram (ug/kg), or parts per billion (ppb)

Bold values = detection

= Exceeds objectives

= Wet/Very Moist soil sample

= Laboratory Detection Limits exceed cleanup objective.

Data presented in this table have passed internal laboratory QA/QC but have not been subject to third party data validation.

TABLE 1
Area 3 Soil Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Most Conservative RAO for Soil	SAMPLE LOCATION, DEPTH (FEET BGS), DATE OF COLLECTION										
		CSB1528	CSB1914					CSB1915				
		20-22 Mass Waste 10/23/02	8-10 Upper Till 7/29/02	18-20 Upper Till 7/29/02	22-24 Upper Till 7/29/02	30-32 Mass Waste 7/29/02	42-44 Lower Till 7/29/02	2-4 Upper Till 7/31/02	12-14 Upper Till 7/31/02	18-20 Upper Till 7/31/02	20-24 Upper Till 7/31/02	29-32 Mass Waste 7/31/02
Acetone	16,000	10 <	8.6 U	8.1 U	**10 J**	9.9 U	**5.7 J**	11 U	**39**	**16**	11 U	9.6 U
Benzene	30	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Bromodichloromethane	600	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Bromoform	800	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 UN	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Bromomethane	200	10 <	8.6 U	8.1 U	11 U	9.9 U	8.3 U	11 U	11 U	9.9 U	11 U	9.6 U
2-Butanone	NE	10 <	8.6 U	8.1 U	11 U	9.9 U	8.3 U	11 U	8.5 J	9.9 U	11 U	9.6 U
Carbon disulfide	9,000	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U&	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Carbon tetrachloride	70	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Chlorobenzene	1,000	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 UN	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Chlorodibromomethane	400	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Chloroethane	NE	10 <	8.6 U	8.1 U	11 U	9.9 U	8.3 U	11 U	11 U	9.9 U	11 U	9.6 U
Chloroform	300	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Chloromethane	NE	10 <	8.6 U	8.1 U	11 U	9.9 U	8.3 U	11 U	11 U	9.9 U	11 U	9.6 U
1,1,-Dichloroethane	23,000	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
1,2-Dichloroethane	20	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
1,1,-Dichloroethene	60	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
cis,1-2-Dichloroethene	400	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	1.4 J	4.8 U
trans,1-2-Dichloroethene	700	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
1,2-Dichloropropane	30	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
cis,1-3-Dichloropropene	4	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 UN	5.6 U	5.4 U	5 U	5.4 U	4.8 U
trans,1,3-Dichloropropene		5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 UN*	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Ethyl benzene	13,000	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
2-Hexanone	NE	10 <	8.6 U	8.1 U	11 U	9.9 U	8.3 U	11 U	11 U	9.9 U	11 U	9.6 U
4-Methyl-2-pentanone	NE	10 <	8.6 U	8.1 U	11 U	9.9 U	8.3 U	11 U	11 U	9.9 U	11 U	9.6 U
Methylene chloride	20	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Styrene	4,000	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
1,1,2,2-Tetrachloroethane	NE	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Tetrachloroethene	60	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Toluene	12,000	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
1,1,1-Trichloroethane	2,000	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
1,1,2-Trichloroethane	20	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 UN	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Trichloroethene	60	5.0 <	4.3 U	**11**	**2.1 J**	5 U	4.1 U	5.6 U	5.4 U	5 U	**18**	**1.5 J**
Vinyl acetate	10,000	5.0 <	4.3 U	4.1 U	5.3 U	5 U	4.1 U	5.6 U	5.4 U	5 U	5.4 U	4.8 U
Vinyl chloride	10	10 <	8.6 U	8.1 U	11 U	9.9 U	8.3 U	11 U	11 U	9.9 U	11 U	9.6 U
Xylenes (total)	150,000	15 <	13 U	12 U	16 U	15 U	12 U	17 U	16 U	15 U	16 U	14 U

TABLE 1
Area 3 Soil Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Most Conservative RAO for Soil	SAMPLE LOCATION, DEPTH (FEET BGS), DATE OF COLLECTION										
		CSB1916					CSB1917		CSB1918			CSB1919
		4-6 Upper Till 10/15/02	12-14 Upper Till 10/15/02	22-24 Mass Waste 10/15/02	30-32 Mass Waste 10/15/02	38 Lower Till 10/15/02	6-8 Upper Till 10/14/02	12-14 Upper Till 10/14/02	6-8 Upper Till 10/15/02	DUP 064 Upper Till 10/15/02	12-14 Upper Till 10/15/02	6-8 Upper Till 7/30/02
Acetone	16,000	**19.8**	**25.0**	10 <	10 <	10 <	**43.4**	**15.3**	**21.9**	**19.9**	**23.4**	**32**
Benzene	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Bromodichloromethane	600	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Bromoform	800	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Bromomethane	200	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	8.6 U
2-Butanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	**3.7 J**
Carbon disulfide	9,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	**2.9 J**
Carbon tetrachloride	70	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Chlorobenzene	1,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Chlorodibromomethane	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Chloroethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	8.6 U
Chloroform	300	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Chloromethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	8.6 U
1,1,-Dichloroethane	23,000	**5.0**	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
1,2-Dichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
1,1,-Dichloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
cis,1-2-Dichloroethene	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
trans,1-2-Dichloroethene	700	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
1,2-Dichloropropane	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
cis,1-3-Dichloropropene	4	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
trans,1,3-Dichloropropene		5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Ethyl benzene	13,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
2-Hexanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	8.6 U
4-Methyl-2-pentanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	8.6 U
Methylene chloride	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Styrene	4,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
1,1,2,2-Tetrachloroethane	NE	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Tetrachloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Toluene	12,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
1,1,1-Trichloroethane	2,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
1,1,2-Trichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Trichloroethene	60	5.0 <	5.0 <	**2.0 J**	**3.1 J**	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Vinyl acetate	10,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	4.3 U
Vinyl chloride	10	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	8.6 U
Xylenes (total)	150,000	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	13 U

TABLE 1
Area 3 Soil Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Most Conservative RAO for Soil	SAMPLE LOCATION, DEPTH (FEET BGS), DATE OF COLLECTION										
		CSB1919				CSB1920		CSB1921				
		14-16 Upper Till 7/30/02	DUP03 Upper Till 7/30/02	24-26 Mass Waste 7/30/02	38 Lower Till 7/30/02	8-10 Upper Till 10/9/02	18-20 Mass Waste 10/9/02	4-6 Upper Till 10/7/02	Dup 051 Upper Till 10/7/02	14-16 Mass Waste 10/7/02	24-26 Mass Waste 10/7/02	30-32 Mass Waste 10/7/02
Acetone	16,000	9.1 U	10 U	8.6 U	8.5 U	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Benzene	30	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromodichloromethane	600	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromoform	800	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromomethane	200	9.1 U	10 U	8.6 U	8.5 U	10 <	10 <	10 <	10 <	10 <	10 <	10 <
2-Butanone	NE	9.1 U	10 U	8.6 U	8.5 U	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Carbon disulfide	9,000	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Carbon tetrachloride	70	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorobenzene	1,000	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorodibromomethane	400	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloroethane	NE	9.1 U	10 U	8.6 U	8.5 U	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Chloroform	300	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloromethane	NE	9.1 U	10 U	8.6 U	8.5 U	10 <	10 <	10 <	10 <	10 <	10 <	10 <
1,1,-Dichloroethane	23,000	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloroethane	20	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,-Dichloroethene	60	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-2-Dichloroethene	400	4.5 U	5 U	**1.7 J**	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	**5.9**	5.0 <	5.0 <
trans,1-2-Dichloroethene	700	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloropropane	30	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-3-Dichloropropene	4	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
trans,1,3-Dichloropropene		4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Ethyl benzene	13,000	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
2-Hexanone	NE	9.1 U	10 U	8.6 U	8.5 U	10 <	10 <	10 <	10 <	10 <	10 <	10 <
4-Methyl-2-pentanone	NE	9.1 U	10 U	8.6 U	8.5 U	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Methylene chloride	20	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Styrene	4,000	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2,2-Tetrachloroethane	NE	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Tetrachloroethene	60	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Toluene	12,000	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,1-Trichloroethane	2,000	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2-Trichloroethane	20	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Trichloroethene	60	4.5 U	5 U	**74**	4.3 U	5.0 <	**22.1**	5.0 <	5.0 <	**30.8**	**3.9 J**	5.0 <
Vinyl acetate	10,000	4.5 U	5 U	4.3 U	4.3 U	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Vinyl chloride	10	9.1 U	10 U	8.6 U	8.5 U	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Xylenes (total)	150,000	14 U	15 U	13 U	13 U	15 <	15 <	15 <	15 <	15 <	15 <	15 <

TABLE 1
Area 3 Soil Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Most Conservative RAO for Soil	SAMPLE LOCATION, DEPTH (FEET BGS), DATE OF COLLECTION										
		CSB1922				CSB1923				CSB2104		
		2-4 Upper Till 10/7/02	18-20 Mass Waste 10/7/02	24-26 Mass Waste 10/7/02	30-32 Mass Waste 10/7/02	6-8 Upper Till 7/30/02	10-12 Mass Waste 7/30/02	20-22 Mass Waste 7/30/02	33-34 Lower Till 7/30/02	8-10 Mass Waste 10/16/02	18-20 Mass Waste 10/16/02	24-26 Mass Waste 10/16/02
Acetone	16,000	10 <	10 <	10 <	10 <	11 U	9.6 U	8.9 U	**8.1 J**	10 <	10 <	10 <
Benzene	30	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Bromodichloromethane	600	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Bromoform	800	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Bromomethane	200	10 <	10 <	10 <	10 <	11 U	9.6 U	8.9 U	9.1 U	10 <	10 <	10 <
2-Butanone	NE	10 <	10 <	10 <	10 <	11 U	9.6 U	8.9 U	9.1 U	10 <	10 <	10 <
Carbon disulfide	9,000	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	**0.85 J**	5.0 <	5.0 <	5.0 <
Carbon tetrachloride	70	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Chlorobenzene	1,000	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Chlorodibromomethane	400	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Chloroethane	NE	10 <	10 <	10 <	10 <	11 U	9.6 U	8.9 U	9.1 U	10 <	10 <	10 <
Chloroform	300	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Chloromethane	NE	10 <	10 <	10 <	10 <	11 U	9.6 U	8.9 U	9.1 U	10 <	10 <	10 <
1,1,-Dichloroethane	23,000	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
1,2-Dichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
1,1,-Dichloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
cis,1-2-Dichloroethene	400	5.0 <	**3.2 J**	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	**15**	5.0 <	5.0 <	5.0 <
trans,1-2-Dichloroethene	700	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	**1.8 J**	5.0 <	5.0 <	5.0 <
1,2-Dichloropropane	30	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
cis,1-3-Dichloropropene	4	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
trans,1,3-Dichloropropene		5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Ethyl benzene	13,000	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
2-Hexanone	NE	10 <	10 <	10 <	10 <	11 U	9.6 U	8.9 U	9.1 U	10 <	10 <	10 <
4-Methyl-2-pentanone	NE	10 <	10 <	10 <	10 <	11 U	9.6 U	8.9 U	9.1 U	10 <	10 <	10 <
Methylene chloride	20	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Styrene	4,000	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
1,1,2,2-Tetrachloroethane	NE	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Tetrachloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	**3.7 J**	**7.0**
Toluene	12,000	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
1,1,1-Trichloroethane	2,000	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	**2.2 J**
1,1,2-Trichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Trichloroethene	60	5.0 <	**61.7**	5.0 <	5.0 <	**10**	**4.5 J**	**1.2 J**	**53**	5.0 <	**68.4**	**183**
Vinyl acetate	10,000	5.0 <	5.0 <	5.0 <	5.0 <	5.6 U	4.8 U	4.5 U	4.5 U	5.0 <	5.0 <	5.0 <
Vinyl chloride	10	10 <	10 <	10 <	10 <	11 U	9.6 U	8.9 U	9.1 U	10 <	10 <	10 <
Xylenes (total)	150,000	15 <	15 <	15 <	15 <	17 U	14 U	13 U	14 U	15 <	15 <	15 <

TABLE 1
Area 3 Soil Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Most Conservative RAO for Soil	SAMPLE LOCATION, DEPTH (FEET BGS), DATE OF COLLECTION										
		CSB2105					CSB2106				CSB2107	
		6-8 Mass Waste 10/16/02	18-20 Mass Waste 10/16/02	Dup 056 Mass Waste 10/16/02	28-30 Mass Waste 10/16/02	30-32 Mass Waste 10/16/02	6-8 Mass Waste 10/16/02	12-14 Mass Waste 10/16/02	28-30 Mass Waste 10/16/02	Dup 057 Mass Waste 10/16/02	4-6 Mass Waste 10/16/02	16-18 Mass Waste 10/16/02
Acetone	16,000	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Benzene	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromodichloromethane	600	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromoform	800	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromomethane	200	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
2-Butanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Carbon disulfide	9,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Carbon tetrachloride	70	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorobenzene	1,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorodibromomethane	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloroethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Chloroform	300	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloromethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
1,1,-Dichloroethane	23,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,-Dichloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-2-Dichloroethene	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
trans,1-2-Dichloroethene	700	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloropropane	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-3-Dichloropropene	4	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
trans,1,3-Dichloropropene		5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Ethyl benzene	13,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
2-Hexanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
4-Methyl-2-pentanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Methylene chloride	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Styrene	4,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2,2-Tetrachloroethane	NE	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Tetrachloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Toluene	12,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,1-Trichloroethane	2,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2-Trichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Trichloroethene	60	5.0 <	5.0 <	5.0 <	**49.0**	**11.9**	5.0 <	5.0 <	**5.4**	**6.0**	5.0 <	5.0 <
Vinyl acetate	10,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Vinyl chloride	10	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Xylenes (total)	150,000	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <

TABLE 1
Area 3 Soil Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Most Conservative RAO for Soil	SAMPLE LOCATION, DEPTH (FEET BGS), DATE OF COLLECTION										
		CSB2107			CSB2108				CSB2112			
		Dup 055 Mass Waste 10/16/02	28-30 Mass Waste 10/30/02	30-32 Mass Waste 10/30/02	8-10 Mass Waste 10/30/02	10-12 Mass Waste 10/30/02	26-28 Mass Waste 10/30/02	Dup 058 Mass Waste 10/30/02	4-6 Mass Waste 10/11/02	16-18 Mass Waste 10/11/02	26-28 Mass Waste 10/11/02	30-32 Mass Waste 10/11/02
Acetone	16,000	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Benzene	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromodichloromethane	600	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromoform	800	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromomethane	200	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
2-Butanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Carbon disulfide	9,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Carbon tetrachloride	70	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorobenzene	1,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorodibromomethane	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloroethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Chloroform	300	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloromethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
1,1,-Dichloroethane	23,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,-Dichloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-2-Dichloroethene	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
trans,1-2-Dichloroethene	700	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloropropane	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-3-Dichloropropene	4	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
trans,1,3-Dichloropropene		5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Ethyl benzene	13,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
2-Hexanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
4-Methyl-2-pentanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Methylene chloride	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Styrene	4,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2,2-Tetrachloroethane	NE	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Tetrachloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Toluene	12,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,1-Trichloroethane	2,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2-Trichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Trichloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	**15.8**	**21.4**
Vinyl acetate	10,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Vinyl chloride	10	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Xylenes (total)	150,000	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <

TABLE 1
Area 3 Soil Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Most Conservative RAO for Soil	SAMPLE LOCATION, DEPTH (FEET BGS), DATE OF COLLECTION										
		CSB2113			CSB2114					CSB2115		
		4-6 Mass Waste 10/11/02	14-16 Mass Waste 10/11/02	24-26 Mass Waste 10/11/02	8-10 Upper Till 10/14/02	Dup 053 Upper Till 10/14/02	16-18 Mass Waste 10/14/02	20-22 Mass Waste 10/14/02	30-32 Lower Till 10/14/02	8-10 Upper Till 10/14/02	14-16 Mass Waste 10/14/02	26-28 Mass Waste 10/14/02
Acetone	16,000	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Benzene	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromodichloromethane	600	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromoform	800	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromomethane	200	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
2-Butanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Carbon disulfide	9,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Carbon tetrachloride	70	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorobenzene	1,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorodibromomethane	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloroethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Chloroform	300	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloromethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
1,1,-Dichloroethane	23,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,-Dichloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-2-Dichloroethene	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
trans,1-2-Dichloroethene	700	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloropropane	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-3-Dichloropropene	4	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
trans,1,3-Dichloropropene		5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Ethyl benzene	13,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
2-Hexanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
4-Methyl-2-pentanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Methylene chloride	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Styrene	4,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2,2-Tetrachloroethane	NE	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Tetrachloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Toluene	12,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,1-Trichloroethane	2,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2-Trichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Trichloroethene	60	5.0 <	5.0 <	**11.8**	5.0 <	5.0 <	**42.7**	5.0 <	5.0 <	**3.4 J**	5.0 <	**61.0**
Vinyl acetate	10,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Vinyl chloride	10	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Xylenes (total)	150,000	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <

TABLE 1
Area 3 Soil Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Most Conservative RAO for Soil	SAMPLE LOCATION, DEPTH (FEET BGS), DATE OF COLLECTION										
		CSB2116			CSB2117				CSB2118			
		8-10 Mass Waste 10/10/02	16-18 Mass Waste 10/10/02	26-28 Mass Waste 10/10/02	4-6 Mass Waste 10/10/02	16-18 Mass Waste 10/10/02	22-24 Mass Waste 10/10/02	30-32 Lower Till 10/10/02	4-6 Upper Till 10/10/02	12-14 Mass Waste 10/10/02	24-26 Mass Waste 10/10/02	30-32 Lower Till 10/10/02
Acetone	16,000	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Benzene	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromodichloromethane	600	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromoform	800	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromomethane	200	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
2-Butanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Carbon disulfide	9,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Carbon tetrachloride	70	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorobenzene	1,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorodibromomethane	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloroethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Chloroform	300	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloromethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
1,1,-Dichloroethane	23,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,-Dichloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-2-Dichloroethene	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
trans,1-2-Dichloroethene	700	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloropropane	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-3-Dichloropropene	4	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
trans,1,3-Dichloropropene		5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Ethyl benzene	13,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
2-Hexanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
4-Methyl-2-pentanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Methylene chloride	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Styrene	4,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2,2-Tetrachloroethane	NE	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Tetrachloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Toluene	12,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,1-Trichloroethane	2,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2-Trichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Trichloroethene	60	5.0 <	5.0 <	**3,340**	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Vinyl acetate	10,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Vinyl chloride	10	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Xylenes (total)	150,000	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <

TABLE 1
Area 3 Soil Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Most Conservative RAO for Soil	SAMPLE LOCATION, DEPTH (FEET BGS), DATE OF COLLECTION							
		MW2101		MW2102				MW2103	
		8-10 Mass Waste 10/9/02	10-12 Mass Waste 10/9/02	4-6 Upper Till 10/9/02	10-12 Mass Waste 10/9/02	Dup 115 Mass Waste 10/9/02	20-22 Mass Waste 10/9/02	8-10 Mass Waste 10/9/02	18-20 Mass Waste 10/9/02
Acetone	16,000	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Benzene	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromodichloromethane	600	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromoform	800	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Bromomethane	200	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
2-Butanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Carbon disulfide	9,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Carbon tetrachloride	70	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorobenzene	1,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chlorodibromomethane	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloroethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Chloroform	300	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Chloromethane	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
1,1,-Dichloroethane	23,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,-Dichloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-2-Dichloroethene	400	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
trans,1-2-Dichloroethene	700	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,2-Dichloropropane	30	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
cis,1-3-Dichloropropene	4	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
trans,1,3-Dichloropropene		5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Ethyl benzene	13,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
2-Hexanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
4-Methyl-2-pentanone	NE	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Methylene chloride	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Styrene	4,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2,2-Tetrachloroethane	NE	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Tetrachloroethene	60	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	**2.0 J**
Toluene	12,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,1-Trichloroethane	2,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
1,1,2-Trichloroethane	20	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Trichloroethene	60	**6.6**	**6.6**	5.0 <	5.0 <	5.0 <	**7.6**	**29.6**	**7.8**
Vinyl acetate	10,000	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Vinyl chloride	10	10 <	10 <	10 <	10 <	10 <	10 <	10 <	10 <
Xylenes (total)	150,000	15 <	15 <	15 <	15 <	15 <	15 <	15 <	15 <

TABLE 2
Area 3 Monitoring Well Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Delineation Objectives for Ground Water	SAMPLE LOCATION AND DATE OF COLLECTION							
		BW-1	BW-2		BW-3	MW1113M	MW1113S	MW1115M	MW1115S
		8/5/02	8/2/02	DUP 200 8/2/02	8/1/02	8/6/02	8/6/02	7/30/02	7/29/02
Acetone	700	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U
Benzene	5	1 U	1 U	1 U	1 U	1 U	5 U	1 U*	1 U*
Bromodichloromethane	0.2	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Bromoform	1	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Bromomethane	9.8	2 U&	2 U	2 U	2 U	2 U&	10 U&	2 U	2 U
2-Butanone	NE	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U
Carbon disulfide	700	1 U&	1 U	1 U	1 U	1 U&	5 U&	1 U	1 U*
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Chlorobenzene	100	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Chlorodibromomethane	140	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Chloroethane	NE	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
Chloroform	0.2	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Chloromethane	NE	**0.83 J**	**0.81 J**	2 U	**0.85 J**	2 U	10 U	2 U	2 U
1,1,-Dichloroethane	700	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,2-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,1,-Dichloroethene	7	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
cis,1-2-Dichloroethene	70	1 U	1 U	1 U	1 U	1 U	**5.7**	1 U	1 U
trans,1-2-Dichloroethene	100	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,2-Dichloropropane	5	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
cis,1-3-Dichloropropene	1	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
trans,1,3-Dichloropropene		1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Ethyl benzene	700	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
2-Hexanone	NE	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U
4-Methyl-2-pentanone	NE	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U
Methylene chloride	5	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Styrene	100	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NE	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1 U	5 U	1 U	**0.52 J**
Toluene	1,000	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
1,1,1-Trichloroethane	200	1 U	1 U	1 U	1 U	1 U	5 U	**4**	**3.8**
1,1,2-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U	1 U	**1.6**	**390**	**60**	**78**
Vinyl acetate	7,000	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U
Vinyl chloride	2	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
Xylenes (total)	10,000	3 U	3 U	3 U	3 U	3 U	15 U	3 U	3 U

TABLE 2
Area 3 Monitoring Well Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Delineation Objectives for Ground Water	SAMPLE LOCATION AND DATE OF COLLECTION							
		MW1603 8/1/02	MW1604 8/2/02	MW1605 8/2/02	MW2100M 7/30/02	MW2100S 7/30/02	MW2101 10/31/02	MW2102 10/31/02	MW2103 10/31/02
Acetone	700	5 U	5 U	5 U	5 U	5 U	5 <	5 <	5 <
Benzene	5	1 U	1 U	1 U	1 U*	1 U*	1 <	1 <	1 <
Bromodichloromethane	0.2	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Bromoform	1	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Bromomethane	9.8	2 U	2 U	2 U	2 U	2 U	2 <	2 <	2 <
2-Butanone	NE	5 U	5 U	5 U	5 U	5 U	5 <	5 <	5 <
Carbon disulfide	700	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Chlorobenzene	100	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Chlorodibromomethane	140	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Chloroethane	NE	2 U	2 U	2 U	2 U	2 U	2 <	2 <	2 <
Chloroform	0.2	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Chloromethane	NE	2 U	**0.97 J**	2 U	2 U	2 U	2 <	2 <	2 <
1,1,-Dichloroethane	700	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
1,2-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
1,1,-Dichloroethene	7	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
cis,1-2-Dichloroethene	70	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
trans,1-2-Dichloroethene	100	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
1,2-Dichloropropane	5	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
cis,1-3-Dichloropropene	1	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
trans,1,3-Dichloropropene		1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Ethyl benzene	700	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
2-Hexanone	NE	5 U	5 U	5 U	5 U	5 U	5 <	5 <	5 <
4-Methyl-2-pentanone	NE	5 U	5 U	5 U	5 U	5 U	5 <	5 <	5 <
Methylene chloride	5	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Styrene	100	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
1,1,2,2-Tetrachloroethane	NE	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Tetrachloroethene	5	1 U	1 U	1 U	1 U	**4.9**	1 <	1 <	1 <
Toluene	1,000	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
1,1,1-Trichloroethane	200	1 U	**3.3**	1 U	**6.5**	**5.8**	1 <	1 <	**1.9**
1,1,2-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Trichloroethene	5	**5.9**	**4.4**	1 U	**3.4**	**62**	**12.7**	**73.4**	**20.8**
Vinyl acetate	7,000	1 U	1 U	1 U	1 U	1 U	1 <	1 <	1 <
Vinyl chloride	2	2 U	2 U	2 U	2 U	2 U	2 <	2 <	2 <
Xylenes (total)	10,000	3 U	3 U	3 U	3 U	3 U	3 <	3 <	3 <

TABLE 3
Area 3 Double Packer Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Delineation Objectives for Ground Water	SAMPLE LOCATION, DEPTH (FEET BOC), DATE OF COLLECTION									
		MW1115D			MW1115D					MW1115D	
		54.5-72.5 9/18/02	74.5-92.5 9/18/02	[illegible] 9/18/02	[illegible]-57 9/18/02	57-75 9/13/02	75-93 9/6/02	57-95 9/7/02	[illegible] 9/7/02	[illegible] 9/13/02	[illegible] 9/6/02
Acetone	700	5 <	5 <	5 <	5 U	5 U	5 U	5 U	5 U	5 <	5 U
Benzene	5	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Bromodichloromethane	0.2	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Bromoform	1	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Bromomethane	9.8	2 <	2 <	2 <	2 U	2 U	2 U&	2 U&	2 U&	2 <	2 U
2-Butanone	NE	5 <	5 <	5 <	5 U	5 U	5 U	5 U	5 U	5 <	5 U
Carbon disulfide	700	1 <	1 <	1 <	1 U	1 U	1 U&N	1 U&	1 U&	1 <	1 U
Carbon tetrachloride	5	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Chlorobenzene	100	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Chlorodibromomethane	140	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Chloroethane	NE	2 <	2 <	2 <	2 U	2 U	2 U	2 U	2 U	2 <	2 U
Chloroform	0.2	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Chloromethane	NE	2 <	2 <	2 <	2 U	2 U	2 U	2 U	2 U	2 <	2 U
1,1,-Dichloroethane	700	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
1,2-Dichloroethane	5	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
1,1,-Dichloroethene	7	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
cis,1-2-Dichloroethene	70	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
trans,1-2-Dichloroethene	100	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
1,2-Dichloropropane	5	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
cis,1-3-Dichloropropene	1	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
trans,1,3-Dichloropropene		1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Ethyl benzene	700	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
2-Hexanone	NE	5 <	5 <	5 <	5 U	5 U	5 U	5 U	5 U	5 <	5 U
4-Methyl-2-pentanone	NE	5 <	5 <	5 <	5 U	5 U	5 U	5 U	5 U	5 <	5 U
Methylene chloride	5	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Styrene	100	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
1,1,2,2-Tetrachloroethane	NE	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Tetrachloroethene	5	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Toluene	1,000	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
1,1,1-Trichloroethane	200	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
1,1,2-Trichloroethane	5	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Trichloroethene	5	**1.1**	1 <	1 <	**1.3**	1 U	**0.73 J**	1 U	1 U	1 <	**0.68 J**
Vinyl acetate	7,000	1 <	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 <	1 U
Vinyl chloride	2	2 <	2 <	2 <	2 U	2 U	2 U	2 U	2 U	2 <	2 U
Xylenes (total)	10,000	3 <	3 <	3 <	3 U	3 U	3 U	3 U	3 U	3 <	3 U

TABLE 3
Area 3 Double Packer Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Delineation Objectives for Ground Water	SAMPLE LOCATION, DEPTH (FEET BOC), DATE OF COLLECTION									
		MW1116D				MW1116D					
		73-81 8/21/02	81-89 8/20/02	95-97 8/20/02	165 8/20/02	61-69 11/13/02	Dup 300 11/13/02	65-77 11/13/02	77-85 11/13/02	85-93 11/13/02	93-101 11/13/02
Acetone	700	5 U	5 U	5 U	5 U	5.0 <	5.0 <	5.0 <	5 <	5 <	5 <
Benzene	5	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Bromodichloromethane	0.2	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Bromoform	1	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Bromomethane	9.8	2 U	2 U	2 U	2 U	2.0 <	2.0 <	2.0 <	2 <	2 <	2 <
2-Butanone	NE	5 U	5 U	5 U	5 U	5.0 <	5.0 <	5.0 <	5 <	5 <	5 <
Carbon disulfide	700	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Chlorobenzene	100	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Chlorodibromomethane	140	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Chloroethane	NE	2 U	2 U	2 U	2 U	2.0 <	2.0 <	2.0 <	2 <	2 <	2 <
Chloroform	0.2	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Chloromethane	NE	2 U	2 U	**0.46 J**	2 U	2.0 <	2.0 <	2.0 <	2 <	2 <	2 <
1,1,-Dichloroethane	700	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
1,2-Dichloroethane	5	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
1,1,-Dichloroethene	7	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
cis,1-2-Dichloroethene	70	**1.9**	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
trans,1-2-Dichloroethene	100	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
1,2-Dichloropropane	5	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
cis,1-3-Dichloropropene	1	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
trans,1,3-Dichloropropene		1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Ethyl benzene	700	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
2-Hexanone	NE	5 U	5 U	5 U	5 U	5.0 <	5.0 <	5.0 <	5 <	5 <	5 <
4-Methyl-2-pentanone	NE	5 U	5 U	5 U	5 U	5.0 <	5.0 <	5.0 <	5 <	5 <	5 <
Methylene chloride	5	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Styrene	100	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
1,1,2,2-Tetrachloroethane	NE	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Tetrachloroethene	5	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Toluene	1,000	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
1,1,1-Trichloroethane	200	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
1,1,2-Trichloroethane	5	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Trichloroethene	5	1 U	1 U	1 U	1 U	**1.9**	1.0 <	**1.6**	**1.4**	**2.3**	1 <
Vinyl acetate	7,000	1 U	1 U	1 U	1 U	1.0 <	1.0 <	1.0 <	1 <	1 <	1 <
Vinyl chloride	2	2 U	2 U	2 U	2 U	2.0 <	2.0 <	2.0 <	2 <	2 <	2 <
Xylenes (total)	10,000	3 U	3 U	3 U	3 U	3.0 <	3.0 <	3.0 <	3 <	3 <	3 <

TABLE 3
Area 3 Double Packer Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Delineation Objectives for Ground Water	SAMPLE LOCATION, DEPTH (FEET BOC), DATE OF COLLECTION									
		MW1119D			MW1120D				MW1121D		
		101-109 11/12/02	63-63 11/7/02	69-71 11/6/02	D[illegible]-307 11/[illegible]/02	71-79 11/7/02	79-87 11/7/02	87-95 11/6/02	61-69 11/12/02	69-77 11/1[illegible]/02	77-85 11/1[illegible]/02
Acetone	700	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <
Benzene	5	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Bromodichloromethane	0.2	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Bromoform	1	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Bromomethane	9.8	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <
2-Butanone	NE	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <
Carbon disulfide	700	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Carbon tetrachloride	5	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Chlorobenzene	100	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Chlorodibromomethane	140	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Chloroethane	NE	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <
Chloroform	0.2	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Chloromethane	NE	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <
1,1,-Dichloroethane	700	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
1,2-Dichloroethane	5	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
1,1,-Dichloroethene	7	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
cis,1-2-Dichloroethene	70	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
trans,1-2-Dichloroethene	100	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
1,2-Dichloropropane	5	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
cis,1-3-Dichloropropene	1	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
trans,1,3-Dichloropropene		1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Ethyl benzene	700	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
2-Hexanone	NE	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <
4-Methyl-2-pentanone	NE	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <	5 <
Methylene chloride	5	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Styrene	100	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
1,1,2,2-Tetrachloroethane	NE	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Tetrachloroethene	5	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Toluene	1,000	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
1,1,1-Trichloroethane	200	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
1,1,2-Trichloroethane	5	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Trichloroethene	5	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Vinyl acetate	7,000	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <	1 <
Vinyl chloride	2	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <	2 <
Xylenes (total)	10,000	3 <	3 <	3 <	3 <	3 <	3 <	3 <	3 <	3 <	3 <

TABLE 3
Area 3 Double Packer Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Delineation Objectives for Ground Water	SAMPLE LOCATION, DEPTH (FEET BOC), DATE OF COLLECTION								
		MW1121D		MW2100D						
		85-93 11/11/02	93-101 11/11/02	57-65 8/19/02	DUP 301 8/19/02	65-73 8/16/02	73-81 8/15/02	81-89 8/15/02	89-97 8/15/02	97-105 8/15/02
Acetone	700	5 <	5 <	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	5	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	0.2	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	1	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	9.8	2 <	2 <	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Butanone	NE	5 <	5 <	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon disulfide	700	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U*
Carbon tetrachloride	5	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	100	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorodibromomethane	140	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	NE	2 <	2 <	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Chloroform	0.2	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	NE	2 <	2 <	2 U	**0.63 J**	**0.71 J**	2 U	2 U	2 U	2 U
1,1,-Dichloroethane	700	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	5	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,-Dichloroethene	7	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U*
cis,1-2-Dichloroethene	70	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans,1-2-Dichloroethene	100	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U*
1,2-Dichloropropane	5	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis,1-3-Dichloropropene	1	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans,1,3-Dichloropropene		1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethyl benzene	700	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	NE	5 <	5 <	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	NE	5 <	5 <	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene chloride	5	1 <	1 <	1 U	1 U	**19**	**23**	**19**	**23**	**20**
Styrene	100	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NE	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	1,000	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	200	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	5	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1 <	1 <	**0.99 J**	**0.88 J**	**0.78 J**	1 U	1 U	1 U	1 U
Vinyl acetate	7,000	1 <	1 <	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2	2 <	2 <	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Xylenes (total)	10,000	3 <	3 <	3 U	3 U	3 U	3 U	3 U	3 U	3 U

TABLE 4
Area 3 Groundwater Grab Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Remediation Objectives for Ground Water	SAMPLE LOCATION, WATER-BEARING ZONE, DATE OF COLLECTION										
		GW1840 Dup 10/21/02	GW1914 Mass Waste 7/29/02	GW1915 Mass Waste 7/31/02	GW1917 Upper Till 10/14/02	GW 1918 Upper Till 10/15/02	GW1919 Mass Waste 7/30/02	GW1920 Mass Waste 10/9/02	GW1921 Mass Waste 10/7/02	GW1922 Mass Waste 10/7/02	GW1923 Mass Waste 7/30/02	GW2104 Mass Waste 10/16/02
Acetone	700	5.0 <	**6.8**	5 U	5.0 <	5.0 <	5 U	5.0 <	5.0 <	5.0 <	10 U	5.0 <
Benzene	5	1.0 <	1 U*	1 U*	1.0 <	1.0 <	1 U*	1.0 <	1.0 <	1.0 <	2 U*	1.0 <
Bromodichloromethane	0.2	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Bromoform	1	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Bromomethane	9.8	2.0 <	2 U	2 U	2.0 <	2.0 <	2 U	2.0 <	2.0 <	2.0 <	4 U	2.0 <
2-Butanone	NE	5.0 <	5 U	5 U	5.0 <	5.0 <	5 U	5.0 <	5.0 <	5.0 <	10 U	5.0 <
Carbon disulfide	700	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Carbon tetrachloride	5	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Chlorobenzene	100	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Chlorodibromomethane	140	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Chloroethane	NE	0.0 <	2 U	2 U	2.0 <	2.0 <	2 U	2.0 <	2.0 <	2.0 <	4 U	2.0 <
Chloroform	0.2	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Chloromethane	NE	2.0 <	2 U	2 U	2.0 <	2.0 <	2 U	2.0 <	2.0 <	2.0 <	4 U	2.0 <
1,1,-Dichloroethane	700	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
1,2-Dichloroethane	5	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
1,1,-Dichloroethene	7	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
cis,1-2-Dichloroethene	70	1.0 <	1 U	1 U	1.0 <	1.0 <	**1.9**	1.0 <	1.0 <	**3.3**	**2.1**	1.0 <
trans,1-2-Dichloroethene	100	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
1,2-Dichloropropane	5	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
cis,1-3-Dichloropropene	1	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
trans,1,3-Dichloropropene		1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Ethyl benzene	700	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
2-Hexanone	NE	5.0 <	5 U	5 U	5.0 <	5.0 <	5 U	5.0 <	5.0 <	5.0 <	10 U	5.0 <
4-Methyl-2-pentanone	NE	5.0 <	5 U	5 U	5.0 <	5.0 <	5 U	5.0 <	5.0 <	5.0 <	10 U	5.0 <
Methylene chloride	5	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Styrene	100	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
1,1,2,2-Tetrachloroethane	NE	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Tetrachloroethene	5	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	**1.2**	2 U	1.0 <
Toluene	1,000	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
1,1,1-Trichloroethane	200	1.0 <	1 U	1 U	1.0 <	1.0 <	**3.1**	1.0 <	1.0 <	1.0 <	2 U	**2.3**
1,1,2-Trichloroethane	5	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Trichloroethene	5	**7.0**	1 U	**52**	1.0 <	1.0 <	**38**	**2.4**	**16.0**	**317**	**260**	**13.4**
Vinyl acetate	7,000	1.0 <	1 U	1 U	1.0 <	1.0 <	1 U	1.0 <	1.0 <	1.0 <	2 U	1.0 <
Vinyl chloride	2	2.0 <	2 U	2 U	2.0 <	2.0 <	2 U	2.0 <	2.0 <	2.0 <	4 U	2.0 <
Xylenes (total)	10,000	3.0 <	3 U	3 U	3.0 <	3.0 <	3 U	3.0 <	3.0 <	3.0 <	6 U	3.0 <

TABLE 4
Area 3 Groundwater Grab Sampling Results

The Lockformer Company / Lisle, Illinois

COMPOUNDS	Delineation Objectives for Groundwater	SAMPLE LOCATION, WATER-BEARING ZONE, DATE OF COLLECTION										
		GW2105 Mass Waste 10/14/02	GW2106 Mass Waste 10/14/02	GW2107 Mass Waste 10/10/02	GW2108 Mass Waste 10/10/02	GW2112 Mass Waste 10/11/02	GW2113 Mass Waste 10/11/02	GW2114 Lower Till 10/14/02	GW2115 Mass Waste 10/14/02	GW2116 Mass Waste 10/10/02	GW2117 Lower Till 10/10/02	GW2118 Lower Till 10/10/02
Acetone	700	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	**7.6**	**7.1**	**10.1**
Benzene	5	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Bromodichloromethane	0.2	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Bromoform	1	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Bromomethane	9.8	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <
2-Butanone	NE	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Carbon disulfide	700	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Carbon tetrachloride	5	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Chlorobenzene	100	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Chlorodibromomethane	140	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Chloroethane	NE	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <
Chloroform	0.2	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Chloromethane	NE	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <
1,1,-Dichloroethane	700	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
1,2-Dichloroethane	5	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
1,1,-Dichloroethene	7	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
cis,1-2-Dichloroethene	70	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	**4.2**	1.0 <	1.0 <	1.0 <	1.0 <
trans,1-2-Dichloroethene	100	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
1,2-Dichloropropane	5	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
cis,1-3-Dichloropropene	1	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
trans,1,3-Dichloropropene		1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Ethyl benzene	700	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
2-Hexanone	NE	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
4-Methyl-2-pentanone	NE	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <	5.0 <
Methylene chloride	5	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	**1.5**	1.0 <	1.0 <
Styrene	100	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
1,1,2,2-Tetrachloroethane	NE	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Tetrachloroethene	5	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Toluene	1,000	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	**1.7**	**1.1**	1.0 <	1.0 <	1.0 <	1.0 <
1,1,1-Trichloroethane	200	**1.3**	1.0 <	1.0 <	1.0 <	**3.5**	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
1,1,2-Trichloroethane	5	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Trichloroethene	5	**7.7**	1.0 <	1.0 <	1.0 <	**1.3**	**14.0**	**152**	**88.5**	**26.5**	1.0 <	1.0 <
Vinyl acetate	7,000	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <	1.0 <
Vinyl chloride	2	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <	2.0 <
Xylenes (total)	10,000	3.0 <	3.0 <	3.0 <	3.0 <	3.0 <	3.0 <	3.0 <	3.0 <	3.0 <	3.0 <	3.0 <

APPENDIX A

SOIL BORING LOGS

Clayton GROUP SERVICES

BORING NO: CSB1844	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Northern Builders Property		COORDINATES: 683.8 Elev
DRILLING CO: Mid-America Drilling	DRILLER: M. Swanson	
DRILLING EQUIP: Truck mount Geoprobe	BOREHOLE DIA: 2"	
START DATE: 11/9/2002	FINISH DATE: 11/9/2002	LOGGED BY: D. Lamsma
START TIME (hours): 0713	FINISH TIME (hours): 0922	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0 / 0	**ASPHALT**									
	FILL Gravel, gray, moist, some sand			2/2	HPU	M	-	0	2.5	
2	**FILL** Silty clay, brown, moist, some fine sand, soft			2/2	HPU	M	-	0	3.2	
4				2/2	HPU	M	-	0	3.3	
6 / 2	**SAND (SP)** Brown, moist, fine to medium grained, some silt			2/2	HPU	M	-	0	4.8	VOCs
8	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and fine to coarse gravel up to 2", some silt			1/2	HPU	M	-	0	3.9	
10				1/2	HPU	M	-	0	3.9	
12 / 4				1.5/2	HPU	M	-	0	4.7	VOCs
14	**SAND (SW)** Brown, moist, fine to coarse grained, some silt			1.5/2	HPU	M	-	0	2.7	
16	**NO RECOVERY**			0/2	HPU	M	-	--	--	
18				0/2	HPU	M	-	--	--	
20 / 6										

Clayton GROUP SERVICES

BORING NO: CSB1844	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) Brown/rust, moist, fine to coarse sand, fine to coarse gravel, some silt and clay			1.75/2	HPU	M	-	0	5.4	
22	**SILTY CLAY (CL)** Gray, moist, some medium to coarse sand, stiff			1.75/2	HPU	M	-	0	6.1	VOCs
24				2/2	HPU	M	-	0	5.4	
26 – 8	Silty sand seam, gray, moist, soft from 27.5 to 27.7 feet			2/2	HPU	M	-	0	3.5	
28	**SILTY SAND (SM)** Brown, wet, fine sand, cohesive			2/2	HPU	W	-	--	--	
30	**SAND (SP)** Brown, wet, fine grained, some silt			2/2	HPU	W	-	--	--	GW
32 – 10	End of Boring at 32.0 Feet									
34										
36										
38 – 12										
40										

Clayton GROUP SERVICES

BORING NO: CSB1845	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Northern Builders Property		COORDINATES: 683.1 Elev
DRILLING CO: Mid-America Drilling	DRILLER: M. Swanson	
DRILLING EQUIP: Truck mount Geoprobe	BOREHOLE DIA: 2"	
START DATE: 11/9/2002	FINISH DATE: 11/9/2002	LOGGED BY: D. Lamsma
START TIME (hours): 1056	FINISH TIME (hours): 1317	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0 / 0	**ASPHALT**									
	FILL Gravel, gray, moist, some sand			2/2	HPU	M	-	0	3.1	
2	**FILL** Silty clay, brown/black, moist, some fine to coarse sand			2/2	HPU	M	-	0	5.3	
4	**TOPSOIL** Silty clay, black, moist, some fine sand, roots			2/2	HPU	M	-	0	7.4	VOCs
6 / 2	**SILTY CLAY (CL)** Brown, moist, some fine sand, roots			2/2	HPU	M	-	0	7.2	
8				2/2	HPU	M	-	0	6.1	
10	**SILTY SAND (SM)** Brown, moist, fine sand, trace clay, soft, cohesive			2/2	HPU	M	-	0	4.3	
12 / 4	Some medium to coarse sand and fine gravel at 11.5 feet			1/2	HPU	M	-	0	5.9	
14	**SAND (SW)** Brown, moist, fine to coarse grained, some silt			1/2	HPU	M	-	0	5.6	
16	**SAND AND GRAVEL (GW)** Brown/rust, moist, fine to coarse sand, fine to coarse gravel, some silt			1.75/2	HPU	M	-	68	7.5	VOCs
18				1.75/2	HPU	M	-	2.9	3.5	
20 / 6										

Clayton GROUP SERVICES

BORING NO: CSB1845	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
				2/2	HPU	M	-	0	2	
22	**SILTY CLAY (CL)** Gray, moist, some fine to coarse sand, soft, cohesive, till			2/2	HPU	M	-	0	6.2	VOCs
24	*More fine sand at 23.5 feet*			2/2	HPU	M	-	0	3.2	
26 (8)				2/2	HPU	M	-	0	1.8	
28	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand, fine gravel, some silt			2/2	HPU	M/W	-	--	--	
30	**SAND (SW)** Brown, moist, fine to coarse grained Wet at 29.0 feet									
32	**SILT (ML)** Gray, wet, some fine sand, soft			2/2	HPU	W	-	--	--	GW
10	End of Boring at 32.0 Feet									
34										
36										
38										
12										
40										

Clayton GROUP SERVICES

BORING NO: CSB1846	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Northern Builders Property		COORDINATES: 682.3 Elev
DRILLING CO: Mid-America Drilling	DRILLER: M. Swanson/Larry Ronken	
DRILLING EQUIP: Truck monut Geoprobe/Diedrich D-120	BOREHOLE DIA: 7.25"	
START DATE: 11/9/2002	FINISH DATE: 11/23/02	LOGGED BY: D. Lamsma
START TIME (hours): 1355	FINISH TIME (hours): 1430	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0 / 0	**ASPHALT**									
	FILL Gravel, gray, moist, some sand			2/2	HPU	M	-	0	3.4	
2	**FILL** Brown, moist, some fine sand, soft Brick fragments from 3.5 to 4.0 feet			2/2	HPU	M	-	0	5.2	
4				2/2	HPU	M	-	0	5.8	
6 / 2	**TOPSOIL** Silty clay, black, moist, some fine sand, soft, roots			2/2	HPU	M	-	0	6.5	VOCs
8	**SILTY CLAY (CL)** Brown, moist, stiff, till Grades soft at 8.0 feet			1.5/2	HPU	M	-	0	5.6	
10	Some fine gravel from 11.0 to 11.5 feet			1.5/2	HPU	M	-	0	3.9	
12 / 4	**SAND AND GRAVEL (GW)** Brown/rust, fine to coarse sand, fine to coarse gravel, some silt and clay			1.5/2	HPU	M	-	0	6.7	VOCs
14	Grades brown, no clay at 14.0 feet			1.5/2	HPU	M	-	0	5.6	
16				1.5/2	HPU	M	-	0	4.7	
18				1.5/2	HPU	M	-	0	3.9	
20 / 6				2/2	HPU	M	-	0	5.2	VOCs
22										

Clayton GROUP SERVICES

BORING NO: CSB1846	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	SILTY CLAY (CL) Gray, moist, some fine to medium sand, trace coarse sand, stiff, till			2/2	HPU	M	-	0	4.8	
24				2/2	HPU	M	-	0	2.9	
26 8				2/2	HPU	M	-	0	3.3	End of CSB1846 with HPU unit on 11/9/02 to 28 feet
28	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand, fine gravel, some silt			1/2	SS	M/W	-	--	--	Advanced CSB1846 to 40.5 feet on 11/23/02 with Hallow Stem Auger
30	**SAND (SP)** Gray, wet, fine grained sand, some silt			1/2	SS	W	-	--	--	
32 10				1.5/2	SS	W	-	--	--	
34				1.5/2	SS	W	-	--	--	
36	Some fine gravel at 35.5 feet Fine to medium grained sand from 36.0 to 38.0 feet			1/2	SS	W	-	--	--	
38 12	**NO RECOVERY**			0/2	SS	--	-	--	--	
40	**CLAYEY SILT (ML)** Gray, wet, soft, cohesive			0.5/2	SS	W	-	--	--	Split Spoon unable to advance any further
42	End of Boring at 40.5 Feet									
44										

Clayton GROUP SERVICES

BORING NO: CSB1847	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Norhtern Builders Property		COORDINATES: 683.6 Elev
DRILLING CO: Mid-America Drilling	DRILLER: M. Swanson	
DRILLING EQUIP: Truck mount Geoprobe	BOREHOLE DIA: 2"	
START DATE: 11/10/2002	FINISH DATE: 11/10/2002	LOGGED BY: D. Lamsma
START TIME (hours): 0827	FINISH TIME (hours): 0925	CHECKED BY: M. Leddy

DEPTH (ft)	DEPTH (m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0	0	**ASPHALT**									
		FILL Gravel, gray, moist, some sand			1.75/2	HPU	M	-	0.2	3	
2		**FILL** Silty clay, brown, moist, some fine sand, soft Some fine gravel at 3.5 feet			1.75/2	HPU	M	-	0.1	3.6	
4		**SILTY CLAY (CL)** Brown, moist, some fine sand, soft			2/2	HPU	M	-	0.1	3.6	
6	2	More fine sand from 7.0 to 8.0 feet			2/2	HPU	M	-	0.1	4	
8		**CLAYEY SILT (ML)** Brown, moist, some fine sand			1.25/2	HPU	M	-	0	6.1	VOCs
10		Some fine to coarse gravel at 10.0 feet			1.25/2	HPU	M	-	0	5.5	VOCs
12	4	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand, fine to coarse gravel up to 2", some silt			1.5/2	HPU	M	-	0.2	5	
14					1.5/2	HPU	M	-	0.1	5.2	
16					1.5/2	HPU	M	-	0.1	5	
18	6				1.5/2	HPU	M	-	0	5.2	
20											

Clayton GROUP SERVICES

BORING NO: CSB1847	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	Wet at 21.5 feet			1.5/2	HPU	M/W	-	0	4.7	VOCs
22	Less gravel at 23.0 feet			1.5/2	HPU	W	-	--	--	GW
24	End of Boring at 24.0 Feet									
26 (8)										
28										
30										
32 (10)										
34										
36										
38										
40 (12)										

Clayton GROUP SERVICES

BORING NO: CSB1848	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Northern Builders Property		COORDINATES: 684.1 Elev
DRILLING CO: Mid America Drilling		DRILLER: M. Swanson
DRILLING EQUIP: Truck mount Geoprobe		BOREHOLE DIA: 2"
START DATE: 11/10/2002	FINISH DATE: 11/10/2002	LOGGED BY: D. Lamsma
START TIME (hours): 1050	FINISH TIME (hours): 1140	CHECKED BY: M. Leddy

DEPTH (ft)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
0	**ASPHALT**									
	FILL Gravel, gray, moist, some sand			1.5/2	HPU	M	-	0	3.1	
2	**TOPSOIL** Silty clay, black, moist, some fine sand, roots			1.5/2	HPU	M	-	0	2.9	
4	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand, fine to coarse gravel, some silt			1.5/2	HPU	M	-	0	5.1	VOCs
6				1.5/2	HPU	M	-	0	4.6	
8				1.75/2	HPU	M	-	0	3.7	
10				1.75/2	HPU	M	-	0	3.5	
12				1.25/2	HPU	M	-	0	3.2	
14				1.25/2	HPU	M	-	0	5.8	VOCs
16				1.5/2	HPU	M	-	0	3.7	
18	Some clay, slightly cohesive from 18.5 to 19.5 feet			1.5/2	HPU	M	-	0	4.7	
20										

Clayton GROUP SERVICES

BORING NO: CSB1848	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
				1.5/2	HPU	M	-	0	3.3	VOCs
22	Wet at 22.5 feet			1.5/2	HPU	M/W	-	--	--	GW
24	End of Boring at 24.0 Feet									
26 (8)										
28										
30										
32 (10)										
34										
36										
38										
40 (12)										

Clayton GROUP SERVICES

BORING NO: CSB1849	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer
BORING LOCATION: Inside plant		COORDINATES: NA
DRILLING CO: Mid America	DRILLER: Jeremy Huyger	
DRILLING EQUIP: Diedrich D-50 Track rig	BOREHOLE DIA: 4.25"	
START DATE: 11/26/02	FINISH DATE: 11/26/02	LOGGED BY: Joe Campbell
START TIME (hours): 0750	FINISH TIME (hours): 1010	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0 / 0	BLIND DRILLED TO 24.0 FT BGS									
12				--	HSA	--	--	--	--	

Clayton GROUP SERVICES

BORING NO: CSB1849	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	BLIND DRILLED TO 24.0 FT BGS									
22										
24	**SILTY CLAY (CL)** Gray, moist, trace gravel, cohesive, soft, low plasticity			2/2	SS	M	--	0	0	
26 (8)	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand, > 1" gravels, trace silt, loose			1.5/2	SS	M	--	0	0	
28				1/2	SS	M	--	0	0	VOCs
30				1.5/2	SS	M	--	0	0	
32 (10)				1.5/2	SS	M	--	0	0	
34				1.5/2	SS	M	--	0	0	
36				1/2	SS	M	--	0	0	VOCs
38 (12)				1/2	SS	M	--	0	0	
40										

Clayton GROUP SERVICES

BORING NO: CSB1849	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
				1/2	SS	M	--	0	0	
42	Silty gravel at 41.8 feet									
	SILT (ML) Gray, wet, soft			1.5/2	SS	W	--	0	0	
44	End of Boring at 44 Feet									
46	14									
48										
50										
52	16									
54										
56										
58										
60	18									

Clayton GROUP SERVICES

BORING NO: CSB2104	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Burlington Road		COORDINATES: 683.0 Elev
DRILLING CO: Mid-America Drilling	DRILLER: J. Luna	
DRILLING EQUIP: Truckmounted Geoprobe	BOREHOLE DIA: 2"	
START DATE: 10/16/02	FINISH DATE: 10/14/02	LOGGED BY: J. Campbell
START TIME (hours): 1030	FINISH TIME (hours): 1140	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0 / 0	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and fine gravel, with silt and clay				HPU	M	-	0	4.8	
2				3/4	HPU	M	-	0	4.2	
4					HPU	M	-	0	4.4	
6 / 2				3/4	HPU	M	-	0	4.3	
8					HPU	M	-	0	5.1	VOCs
10				3/4	HPU	M	-	0	2.9	
12 / 4					HPU	M	-	0	3.2	
14	4" cobble at 15.0 feet			4/4	HPU	M	-	0	4.0	
16	**SAND (SW)** Brown, moist, loose, fine to coarse sand, with fine gravel, some silt				HPU	M	-	0	1.8	
18				3/4	HPU	M	-	0	4.1	VOCs
20 / 6										

Clayton GROUP SERVICES

BORING NO: CSB2104	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
					HPU	M	-	0.8	5.5	
22				3/4	HPU	M	-	0.3	6.1	
24	**SAND (SP)** Brown, moist, well sorted medium sand, some silt				HPU	M	-	0.1	7.1	VOCs
26 – 8				3/4	HPU	M	-	0	6.7	
	SAND (SW) Brown, moist, fine to coarse sand, with fine gravel, some silt									
28					HPU	M	-	0	5.5	
30	**GRAVEL (GW)** Brown, wet, fine to coarse gravel up to 1", with some fine to coarse sand			2/4	HPU	W		--	--	
32										GW VOCs
– 10	End of Boring at 32.0 Feet									
34										
36										
38										
– 12										
40										

Clayton GROUP SERVICES

BORING NO: CSB2105	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Burlington Road		COORDINATES: 683.8 Elev
DRILLING CO: Mid-America Drilling		DRILLER: J. Luna
DRILLING EQUIP: Truckmounted Geoprobe		BOREHOLE DIA: 2"
START DATE: 10/16/02	FINISH DATE: 10/14/02	LOGGED BY: J.Cambell
START TIME (hours): 1245	FINISH TIME (hours): 1400	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0 / 0	**SILTY CLAY (CL)** Brown, moist, soft, with fine gravel				HPU	M	-	0.3	3.2	
2				3/4	HPU	M	-	0	4.1	
4	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and fine gravel, with silt and clay				HPU	M	-	0	4.3	
6 / 2				3/4	HPU	M	-	0	4.3	VOCs
8					HPU	M	-	0	3.6	
10				2/4	HPU	M	-	0	3.6	
12 / 4					HPU	M	-	0	1.2	
14				2.5/4	HPU	M	-	0	3.5	
16	4" cobble at 15.5 feet Coarse sand at 16.0 feet				HPU	M	-	0	2.0	
18				3/4	HPU	M	-	0	3.8	VOCs
20 / 6										

Clayton GROUP SERVICES

BORING NO: CSB2105	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) **Continued** Brown, moist, fine to coarse sand and fine gravel, with silt and clay				HPU	M	-	0	4.1	
22				2.5/4	HPU	M	-	0	4.0	
24					HPU	M	-	0.2	3.9	
26 – 8				3/4	HPU	M	-	0	3.1	
28					HPU	M	-	0	4.3	VOCs
30	5" cobble at 30.5 feet			3/4	HPU	VM		0	3.7	VOCs
32	**GRAVEL (GW)** Brown, wet, some silt, loose									GW VOCs
– 10	End of Boring at 32.0 Feet									
34										
36										
38										
– 12										
40										

Clayton GROUP SERVICES

BORING NO: CSB2106	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Burlington Road		COORDINATES: 682.9 Elev
DRILLING CO: Mid-America Drilling	DRILLER: J. Luna	
DRILLING EQUIP: Truckmounted Geoprobe	BOREHOLE DIA: 2"	
START DATE: 10/16/02	FINISH DATE: 10/16/02	LOGGED BY: J.Campbell
START TIME (hours): 1030	FINISH TIME (hours): 1520	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
0 / 0	**TOPSOIL** Silty clay, dark brown, moist, roots, soft				HPU	M	-	0	0	
2				4/4	HPU	M	-	0	0.8	
4	**SILTY CLAY (CL)** Brown, moist, trace gravel, stiff				HPU	M	-	0	1.4	
	SAND AND GRAVEL (GW) Brown, moist, fine to coarse sand and fine gravel, with silt and clay									
6 / 2				4/4	HPU	M	-	0	1.7	VOCs
8					HPU	M	-	0	1.4	
10				3/4	HPU	M	-	0	2.2	
12	**SANDY CLAY (CL)** Brown, moist, coarse sand, some silt, noncohesive									
4	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand, with fine gravel, some silt, trace clay				HPU	M	-	0	2.2	VOCs
14				2/4	HPU	M	-	0	0.3	
16					HPU	M	-	0	1.5	
18				2/4	HPU	M	-	0	1.1	
20 / 6										

Clayton GROUP SERVICES

BORING NO: CSB2106	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) **Continued** Brown, moist, fine to coarse sand, with fine gravel, some silt, trace clay				HPU	M	-	0	1.2	
22				3/4	HPU	M	-	0	2.4	
24	Coarse sand at 24.0 feet				HPU	M	-	0	1.7	
26	8			3/4	HPU	M	-	0	1.6	
28					HPU	M	-	0	2.6	VOCs
30	**GRAVEL (GW)** Brown, wet, loose, some silt			2/4	HPU	W		–	–	
32	End of Boring at 32.0 Feet									GW VOCs
	10									
34										
36										
38										
	12									
40										

Clayton GROUP SERVICES

BORING NO: CSB2107	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Burlington Road		COORDINATES: 683.4 Elev
DRILLING CO: Mid-America Drilling		DRILLER: J. Luna
DRILLING EQUIP: Truckmounted Geoprobe		BOREHOLE DIA: 2"
START DATE: 10/16/02	FINISH DATE: 10/29/02	LOGGED BY: J.Campbell/D. Frieling
START TIME (hours): 0730	FINISH TIME (hours): 1015	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0 / 0	**SILTY CLAY (CL)** Brown, moist, soft, trace gravel				HPU	M	-	0.3	0.7	
2				3/4	HPU	M	-	0	3.5	
4	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and fine gravel, some silt, very loose				HPU	M	-	0	5.2	VOCs
6 / 2				3/4	HPU	M	-	0	4.4	
8					HPU	M	-	0	4.3	
10				3/4	HPU	M	-	0	5.2	
12 / 4					HPU	M	-	0	3.8	
14				4/4	HPU	M	-	0	3.3	
16	**SAND (SP)** Brown, moist, medium sand, loose				HPU	M	-	0	5.6	VOCs
18	**CLAYEY SAND (SC)** Brown, moist, medium sand, trace silt, plastic			3/4	HPU	M	-	0	5.3	
20 / 6	Gravel at 20.0 feet									

Clayton GROUP SERVICES

BORING NO: CSB2107	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) Brown, moist, fine to coarse sand, fine gravel, silt, trace clay			1.75/2	HPU	M	-	0	2.4	Continue CSB2107 at 20.0 feet on 10/30/02
22				1.5/2	HPU	M	-	0	3.4	
24	**SAND (SW)** Brown, moist, fine to coarse sand, with some silt, trace fine gravel				HPU	M	-	0	2.9	
26 8				2.5/4	HPU	M	-	0	3.1	
28					HPU	VM	-	0	4.7	VOCs
30	Some intermitent rust coloring from 30.0 to 32.0 feet			3/4	HPU	VM	-	0	4.7	VOCs
32	Grades grey and wet at 32.0 feet				HPU	W	-	--	--	
10	**GRAVEL (GW)** Brown/Grey, wet, fine to coarse gravel, with some silt									
34				2.5/4	HPU	W	-	--	--	GW
36	End of Boring at 36.0 Feet									
38										
12 40										

Clayton GROUP SERVICES

BORING NO: CSB2108	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Burlington Road		COORDINATES: 683.4 Elev
DRILLING CO: Mid-America Drilling	DRILLER: J. Luna	
DRILLING EQUIP: Truckmounted Geoprobe	BOREHOLE DIA: 2"	
START DATE: 10/30/02	FINISH DATE: 10/30/02	LOGGED BY: D.Frieling
START TIME (hours): 1110	FINISH TIME (hours): 1225	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
0 / 0	**SILTY CLAY (CL)** Dusky, with some sand and gravel, cohesive				HPU	M	-	0	4.5	
2	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and fine to coarse gravel up to 1", some silt and clay			3.5/4	HPU	M	-	0	3.6	
4					HPU	M	-	0	4.1	
6 / 2	**SILTY CLAY (CL)** Brown, with some fine to medium sand, trace gravel, stiff cohesive, with rust mottles			3.5/4	HPU	M	-	0	5.1	
8	**SAND (SW)** Brown, fine to coarse sand, with some fine to coarse gravel up to 1", with silt				HPU	M	-	0	5.5	VOCs
10				3/4	HPU	M	-	0	5.8	VOCs
12 / 4	**SAND (SP)** Brown, wet, fine sand with silt				HPU	W	-	--	--	
14	**CLAYEY SAND AND GRAVEL (GC)** Brown, moist, fine to coarse sand, fine to coarse gravel up to 1.5", with some silt			3/4	HPU	M	-	0	4.0	
16					HPU	M	-	0	1.6	
18				3.5/4	HPU	M	-	0	3.1	
20 / 6										

Clayton GROUP SERVICES

BORING NO: CSB2108	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
					HPU	M	-	0	4.2	
22	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand, fine to coarse gravel up to 2", some silt			2.5/4	HPU	M	-	0	2.7	
24	**SAND (SW)** Brown, moist, fine to coarse sand, with some silt, trace fine gravel				HPU	M	-	0	4.5	
26 (8)				2.5/4	HPU	M	-	0	6.5	VOCs
28					HPU	VM	-	0	6.1	
30	Wet at 30.0 feet			3/4	HPU	W	-	--	--	
32										GW2108
(10)					HPU	W	-	--	--	
34	No silt at 34.0 feet			2.5/4	HPU	W	-	--	--	
36	End of Boring at 36.0 Feet									
38										
40 (12)										

Clayton GROUP SERVICES

BORING NO: CSB2109	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Burlington Road		COORDINATES: 682.7
DRILLING CO: Mid-America Drilling	DRILLER: J. Luna	
DRILLING EQUIP: Truckmounted Geoprobe	BOREHOLE DIA: 2"	
START DATE: 10/30/02	FINISH DATE: 10/30/02	LOGGED BY: D.Frieling
START TIME (hours): 1320	FINISH TIME (hours): 1440	CHECKED BY: M. Leddy

DEPTH (ft)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0	**TOPSOIL** Silty clay, black, moist, with roots				HPU	M	-	0	2.9	
2	**SILTY CLAY (CL)** Brown, with some sand and gravel, cohesive			4/4	HPU	M	-	0	4.5	VOCs
4	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and fine to coarse gravel up to 2", some silt				HPU	M	-	0	3.9	
6				3/4	HPU	M	-	0	3.8	
8					HPU	M	-	0	2.8	
10	**CLAYEY SAND AND GRAVEL (GC)** Brown, moist, fine to coarse sand, fine to coarse gravel up to 1", with some silt			2.5/4	HPU	M	-	0	3.5	
12					HPU	W	-	0	2.3	
14				3/4	HPU	M	-	0	3.5	
16					HPU	M	-	0	4.0	
18				4/4	HPU	M	-	0	4.7	VOCs
20										

Clayton GROUP SERVICES

BORING NO: CSB2109	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	CLAYEY SAND AND GRAVEL (GC) CONT. Brown, moist, fine to coarse sand, fine to coarse gravel up to 1" with some silt				HPU	M	-	0	3.6	
22				3/4	HPU	M	-	0	4.0	VOCs
24	**SAND (SW)** Brown, moist, fine to coarse sand, with some silt, trace fine gravel				HPU	M	-	0	2.4	
26	8			2.5/4	HPU	M	-	0	2.8	
28					HPU	M	-	0	3.1	
30	Wet at 30.0 feet			3/4	HPU	W	-	--	--	GW
32	End of Boring at 32.0 Feet									
34	10									
36										
38										
40	12									

Clayton GROUP SERVICES

BORING NO: CSB2110	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Burlington Road		COORDINATES: 682.5
DRILLING CO: Mid-America Drilling	DRILLER: J. Luna	
DRILLING EQUIP: Truckmounted Geoprobe	BOREHOLE DIA: 2"	
START DATE: 10/30/02	FINISH DATE: 10/30/02	LOGGED BY: D.Frieling
START TIME (hours): 1525	FINISH TIME (hours): 1605	CHECKED BY: M. Leddy

DEPTH (ft)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
0	**TOPSOIL** Silty clay, black, moist, with roots				HPU	M	-	0	1.7	
	SILTY CLAY (CL) Brown, with sand and gravel, cohesive			4/4	HPU	M	-	0	2.5	
4	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and fine to coarse gravel up to 1", some silt				HPU	M	-	0	2.1	
6				3/4	HPU	M	-	0	2.8	VOCs
8	**SAND (SP)** Brown, moist, fine sand, with silt, some clay, cohesive				HPU	M	-	0	1.9	
10	**CLAYEY SAND AND GRAVEL (GC)** Brown, moist, fine to coarse sand, fine to coarse gravel up to 1.5", with some silt			3/4	HPU	M	-	0	2.1	
12					HPU	M	-	0	1.9	
14				3/4	HPU	M	-	0	1.3	
16					HPU	M	-	0	1.8	
18				3/4	HPU	M	-	0	2.3	VOCs
20										

Clayton GROUP SERVICES

BORING NO: CSB2110	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
					HPU	M	-	0	1.3	
22				2.5/4	HPU	M	-	0	1.0	
24	**SAND (SW)** Brown, moist, fine to coarse sand, with some silt, trace fine gravel				HPU	M	-	0	0.8	
26 (8)				3/4	HPU	M	-	0	2.2	VOCs
28					HPU	VM	-	0	1.5	
30	Wet at 30.0 feet			3/4	HPU	W	-	--	--	GW
32 (10)	End of Boring at 32.0 Feet									
34										
36										
38										
40 (12)										

Clayton GROUP SERVICES

BORING NO: CSB2112	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Area 3		COORDINATES: 684.8 Elev
DRILLING CO: Mid-America Drilling	DRILLER: J. Luna	
DRILLING EQUIP: Truckmounted Geoprobe	BOREHOLE DIA: 2"	
START DATE: 10/10/02	FINISH DATE: 10/10/02	LOGGED BY: J. Campbell
START TIME (hours): 0725	FINISH TIME (hours): 0851	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
0 / 0	**TOPSOIL** Moist, soft, organics, trace gravel									
	SAND AND GRAVEL (GW) Brown, moist, fine to coarse sand and gravel, some silt, trace clay				HPU	M	-	0	3.2	
2				3/4	HPU	M	-	0.8	1.9	
4					HPU	M	-	0	4.6	VOCs
6 / 2				3.5/4	HPU	M	-	0	4.4	
8					HPU	M	-	0	3.6	
10	Some clay at 11.0 feet			3/4	HPU	M	-	0	4.6	
12 / 4					HPU	M	-	0	4.2	
14				2/4	HPU	M	-	0	5.9	
16	**SILTY CLAY (CH)** Gray, moist, stiff, cohesive, high plasticity				HPU	M	-	0	6.5	VOCs
	SAND AND GRAVEL (GW) Brown, moist, fine to coarse sand and gravel, trace silt									
18	Silt at 18.5 feet			3/4	HPU	M	-	0	2.8	
20 / 6	Some clay at 19.0 feet									

Clayton GROUP SERVICES

BORING NO: CSB2112	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) Cont. Brown, moist, fine to coarse sand and gravel, trace silt				HPU	M	-	0	1.1	
22				3/4	HPU	M	-	0	5.7	
24					HPU	M	-	0	4.2	
26	8			2/4	HPU	M	-	0	6.6	VOCs
28					HPU	M	-	0	3.6	
30				2.5/4	HPU	M	-	0	0	VOCs
32	**GRAVEL (GM)** Light brown, wet, fine to coarse gravel, some silt				HPU	W	-	-	-	
34	10			2/4	HPU	W	-	-	-	
36	End of Boring at 36.0 Feet									
38										
40	12									

Clayton GROUP SERVICES

BORING NO: CSB2113	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: West Avenue		COORDINATES: 682.5
DRILLING CO: Mid-America Drilling		DRILLER: J. Luna
DRILLING EQUIP: Truckmounted Geoprobe		BOREHOLE DIA: 2"
START DATE: 10/11/02	FINISH DATE: 10/11/02	LOGGED BY: J. Campbell
START TIME (hours): 0956	FINISH TIME (hours): 1125	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0 / 0	**TOPSOIL** Black, moist, organics				HPU	M	-	0	5.0	
2	**SILTY CLAY (CL)** Brown, moist, some medium sand, non-cohesive			3/4	HPU	M	-	0	5.5	
4	**SAND AND GRAVEL (GW)** Brown, fine to coarse sand and gravel, some silt, trace clay, loose, non-cohesive				HPU	M	-	0	8.1	VOCs
6 / 2				3/4	HPU	M	-	0	5.7	
8					HPU	M	-	0	8.1	
10				4/4	HPU	M	-	0	9.2	
12 / 4					HPU	M	-	0	6.9	
14	**SILTY CLAY (CH)** Gray, moist, some medium to coarse sand, stiff, cohesive, plastic			3/4	HPU	M	-	0	12.1	VOCs
16	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and gravel, some silt, some clay, loose, non-cohesive				HPU	M	-	0	9.7	
18	Silt at 15.5 feet			3/4	HPU	M	-	0	11.7	
20 / 6										

Clayton GROUP SERVICES

BORING NO: CSB2113	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) Cont. Brown, moist, fine to coarse sand and gravel, some silt, some clay, loose, non-cohesive			1/2	HPU	M	-	0	5.9	
22				1.5/2	HPU	M	-	0	7.4	
24				1/2	HPU	M	-	0	7.7	VOCs
26 – 8				0.75/2	HPU	M	-	0	6.3	
28	**GRAVEL (GM)** Brown, wet, fine to coarse gravel, some silt			1/2	HPU	W	-	-	-	
30				0.5/2	HPU	W	-	-	-	
32 – 10	End of Boring at 32.0 Feet									
34										
36										
38 – 12										
40										

Clayton GROUP SERVICES

BORING NO: CSB2114	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Area 3		COORDINATES: 698.0 Elev
DRILLING CO: Mid-America Drilling		DRILLER: J. Luna
DRILLING EQUIP: Truckmounted Geoprobe		BOREHOLE DIA: 2"
START DATE: 10/14/02	FINISH DATE: 10/14/02	LOGGED BY: D.Frieling
START TIME (hours): 0800	FINISH TIME (hours): 0920	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
0 / 0	**TOPSOIL** Silty clay, dark brown, moist, roots				HPU	M	--	0	1.1	
	SILTY CLAY (CL) Brown, moist, loose, with medium to coarse sand, trace fine gravel			3/4	HPU	M	--	0	3.7	
2	Grades cohesive at 3.0 feet				HPU	M	--	0	3.1	
4	**SAND AND GRAVEL (GW)** Brown, fine to medium sand, fine to coarse gravel up to 1", some silt			3/4	HPU	M	--	0	4.1	
6 / 2					HPU	M	--	0	4.4	VOCs
8	**SILTY CLAY (CL)** Brown, moist, with medium to coarse sand, with fine gravel, stiff, cohesive			4/4	HPU	M	--	0	5.1	
10	Grades grey with fine sand at 12.0 feet				HPU	M	--	0	5.1	
12 / 4	**GRAVELY SAND (SW)** Brown, fine to coarse sand, fine gravel, some clay and silt			4/4	HPU	M	--	0	5.0	
14	**SILTY CLAY (CL)** Grey, with sand and gravel, cohesive, soft				HPU	M	--	0	5.3	VOCs
16	**SAND AND GRAVEL (GW)** Brown, fine to coarse sand, fine to coarse gravel up to 1", with some silt			3/4	HPU	M	--	0	3.7	
18										
20 / 6										

Clayton GROUP SERVICES

BORING NO: CSB2114	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) Cont. Brown, fine to coarse sand, fine to coarse gravel up to 1", with some silt				HPU	M	--	0	3.8	VOCs
22				2.5/4	HPU	M	--	0	2.8	
24	Grades looser with more coarse gravel up to 1.5" from 24.0 to 27.0 feet				HPU	M	--	0	1.6	
26	8									
	Wet at 28.0 feet			2.5/4	HPU	M	--	0	2.9	
28										GW VOCs
	Grades grey with fine sand and silt at 30.0 feet				HPU	W	--	--	--	
30										
	SILTY CLAY (CL) Grey, with some fine to medium sand, soft, cohesive, till			3/4	HPU	W	--	--	--	VOCs
32										
	10 End of Boring at 32.0 Feet									
34										
36										
38										
	12									
40										

Clayton GROUP SERVICES

BORING NO: CSB2115	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Area 3		COORDINATES: 680.7
DRILLING CO: Mid-America Drilling		DRILLER: J. Luna
DRILLING EQUIP: Truckmounted Geoprobe		BOREHOLE DIA: 2"
START DATE: 10/14/02	FINISH DATE: 10/14/02	LOGGED BY: D.Frieling
START TIME (hours): 1040	FINISH TIME (hours): 1145	CHECKED BY: M. Leddy

DEPTH (ft)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
0	**TOPSOIL** Silty clay, black, moist, roots				HPU	M	-	0	2.4	
	SILTY CLAY (CL) Brown, moist, with some sand and gravel, cohesive			3.5/4	HPU	M	-	0	6.4	
4					HPU	M	-	0	6.8	
6	Grades with sand and gravel at 6.5 feet			3.5/4	HPU	M	-	0	6.1	
8					HPU	M	-	0	9.0	VOCs
10	**SAND AND GRAVEL (GW)** Brown, moist, fine to medium sand and fine to coarse gravel up to 1", some silt, trace clay, loose			3.5/4	HPU	M	-	1.2	12.4	
12					HPU	M	-	0	7.7	
14				3/4	HPU	M	-	0	12.7	VOCs
16					HPU	M	-	0	8.5	
18				2/4	HPU	M	-	0	9.4	
20										

Clayton GROUP SERVICES

BORING NO: CSB2115	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) Continued Brown, moist, fine to medium sand and fine to coarse gravel up to 1", some silt, trace clay, loose				HPU	M	-	0	4.0	
22	Some rounded and angular fragments up to 2" from 22.0 to 24.0 feet			3.5/4	HPU	M	-	0	4.5	
24					HPU	M	-	0	4.2	
26 (8)				3/4	HPU	M	-	0	7.9	VOCs
28	**GRAVEL (GW)** Brown, wet, fine to coarse gravel up to 1", with some fine to coarse sand				HPU	W	-	--	--	
30				1.5/4	HPU	W		--	--	
32										GW VOCs
(10)	End of Boring at 32.0 Feet									
34										
36										
38										
(12)										
40										

Clayton GROUP SERVICES

BORING NO: CSB2116	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Area 3		COORDINATES: 681.9 Elev
DRILLING CO: Mid-America Drilling	DRILLER: J. Luna	
DRILLING EQUIP: Truckmounted Geoprobe	BOREHOLE DIA: 2"	
START DATE: 10/10/02	FINISH DATE: 10/10/02	LOGGED BY: J. Campbell
START TIME (hours): 1420	FINISH TIME (hours): 1536	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0 / 0	**TOPSOIL** Black, moist, organics				HPU	M	-	0	9.2	
2	**SILTY CLAY (CL)** Dark brown, moist, trace gravel, soft, cohesive; Reddish brown, loose at 2.5 feet; 6 inch cobble at 3.0 feet			3.5/4	HPU	M	-	0	9.7	
4					HPU	M	-	0	9.0	
6 / 2	**SAND AND GRAVEL (GW)** Light brown, moist, fine to coarse sand and gravel, some silt, trace clay, loose			4/4	HPU	M	-	0	5.8	
8					HPU	M	-	0	11.4	VOCs
10				2/4	HPU	M	-	0	9.8	
12	Some clay at 12.0 feet				HPU	M	-	0	8.9	
14 / 4				1/4	HPU	M	-	0	17.5	
16					HPU	M	-	0	12.8	VOCs
18				2.5/4	HPU	M	-	0	15.4	
20 / 6										

Clayton GROUP SERVICES

BORING NO: CSB2116	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) Cont. Light brown, moist, fine to coarse sand and gravel, some silt, trace clay, loose				HPU	M	-	0	12.6	
22				3/4	HPU	M	-	0	13.1	
24					HPU	M	-	0	16.2	
26 – 8				4/4	HPU	M	-	0	19	VOCs
	SILTY CLAY (CH) Gray, moist, stiff, cohesive, plastic									
28	**SAND (SP)** Gray, wet, fine to medium grained, trace silt			1/2	HPU	W	-	-	15.5	
30	End of Boring at 30.0 Feet									
32										
10										
34										
36										
38										
12										
40										

Clayton GROUP SERVICES

BORING NO: CSB2117	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Area 3		COORDINATES: 684.1 Elev
DRILLING CO: Mid-America Drilling		DRILLER: J. Luna
DRILLING EQUIP: Truckmounted Geoprobe		BOREHOLE DIA: 2"
START DATE: 10/10/02	FINISH DATE: 10/10/02	LOGGED BY: J. Campbell
START TIME (hours): 1238	FINISH TIME (hours): 1335	CHECKED BY: M. Leddy

DEPTH (ft)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
0	**TOPSOIL** Silt, dark brown,, moist, organics				HPU	M	-	0	11.8	
2	**SILTY CLAY (CL)** Brown, moist, stiff, loose, trace grave			3.5/4	HPU	M	-	0	19.0	
4	**SAND AND GRAVEL (GW)** Brown, fine to coarse sand and gravel, loose, some silt, trace clay				HPU	M	-	0	20.8	VOCs
6				3.5/4	HPU	M	-	0	19.6	
8					HPU	M	-	0	18.3	
10				3/4	HPU	M	-	0	20.5	
12					HPU	M	-	0	17.6	
14				3/4	HPU	M	-	0	20.0	
16					HPU	M	-	0	24.8	VOCs
18				2.5/4	HPU	M	-	0	22.3	
20	Some clay at 19.5 feet									

Clayton GROUP SERVICES

BORING NO: CSB2117	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) Cont. Brown, fine to coarse sand and gravel, loose, some silt, trace clay				HPU	M	-	0	15.9	
22				2/4	HPU	M	-	0	19.5	VOCs
24					HPU	M	-	0	4.3	
26 (8)	Well sorted, coarse sand at 28.0 feet			2/4	HPU	M	-	0	14.3	
28	**SILTY SAND (SM)** Gray, wet, well sorted, fine sand, plastic, cohesive, soft				HPU	W	-	0	14.9	
30	**GRAVEL (GW)** Gray, wet, fine to coarse gravel, coarse sand			4/4	HPU	W	-	0	13.9	VOCs
32 (10)	End of Boring at 32.0 Feet									
34										
36										
38										
40 (12)										

Clayton GROUP SERVICES

BORING NO: CSB2118	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Area 3		COORDINATES: 689.4 Elev
DRILLING CO: Mid-America Drilling	DRILLER: J. Luna	
DRILLING EQUIP: Truckmounted Geoprobe	BOREHOLE DIA: 2"	
START DATE: 10/10/02	FINISH DATE: 10/10/02	LOGGED BY: J. Campbell
START TIME (hours): 0728	FINISH TIME (hours): 1006	CHECKED BY: M. Leddy

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
0 / 0	**TOPSOIL** Dark brown, moist, organics				HPU	M	-	0	0	
2	**FILL** Silty Clay, brown, moist, stiff, trace gravel, cohesive			3.5/4	HPU	M	-	0	0	
	Gravel at 2.5 feet									
4	Hard at 3.0 feet									
	Refusal at 4.0 feet (Storm sewer - going to move boring)				HPU	M	-	0	0	VOCs
6 / 2	**SAND AND GRAVEL (GP)** Brown, moist, fine to coarse sands, fine gravels, loose, trace silt and clay			4/4	HPU	M	-	0	0	
8					HPU	M	-	0	0	
10	>2 feet gravel at 11.0 feet			2.5/4	HPU	M	-	0	0	
12 / 4					HPU	M	-	0	4.0	VOCs
14				2/4	HPU	M	-	0	2.2	
16					HPU	M	-	0	2.8	
18				2/4	HPU	M	-	0	3.0	
20 / 6										

Clayton GROUP SERVICES

BORING NO: CSB2118	PROJECT NO: 15-65263.01-013	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SAND AND GRAVEL (GP) Cont. Brown, moist, fine to coarse sands, fine gravels, loose, trace silt and clay				HPU	M	-	0	4.2	
22	Soft, more clay at 23.5 feet			2.5/4	HPU	M	-	0	4.2	
24	Loose at 24.0 feet				HPU	M	-	0	5.9	VOCs
26 – 8				1.5/2	HPU	M	-	0	-	
28	6 inch cobble at 28.5 feet				HPU	M	-	0	2.4	
30	**SILTY CLAY (CL)** Gray, moist, trace gravel, stiff, cohesive, high plasticity 6 inch cobble at 31.0 feet			3/4	HPU	M	-	0	0.4	VOCs
32 – 10	**SILTY SAND (SM)** Gray, wet, well sorted, cohesive in tip			0/4	HPU	W	-	-	-	No recovery from 32 to 34.0 feet (just in tip)
34	End of Boring at 34.0 Feet									
36										
38										
40 – 12										

APPENDIX B

GROUNDWATER MONITORING WELL LOGS

Clayton GROUP SERVICES

BORING NO: MW1117	WELL NO: MW1117	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Area 2		COORDINATES: NA	
DRILLING CO: Boart-Longyear	DRILLER: R. Buckenburger	LOGGED BY: D. Lamsma	
DRILLING EQUIP: Rotosonic	SCREEN INTERVAL: 52.5 to 62.5 feet BGS	CHECKED BY: M. Leddy	
STATIC WATER LEVEL: -	SCREEN MTL/SLOT: stainless steel/0.01	START DATE: 10/1/2002	
BOREHOLE DIA: 6"	STICKUP: 3.0	START TIME (hours): 0720	
TOP of CASING ELEVATION: 711.255	G.S. ELEVATION: 708.4	FINISH DATE: 10/1/2002	
RISER DIA/MTL/LGTH: 2"/stainless steen/55'	DEV. METHODS: -	FINISH TIME (hours): 0925	

DEPTH (ft)	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
-4											
-2											
0	**FILL** Silty clay, black, moist, some fine sand, roots					RC	M	-	-	-	
2	Grades brown, some medium to coarse sand and gravel, stiff at 1.0 feet					RC	M	-	-	-	
4					3/5	RC	M	-	-	-	
6						RC	M	-	-	-	
8						RC	M	-	-	-	
10						RC	M	-	-	-	
12	Grades black, asphalt pieces from 12.0 to 15.0 feet					RC	M	-	-	-	
14					5/10	RC	M	-	-	-	
16											

Clayton GROUP SERVICES

BORING NO: MW1117	WELL NO: MW1117	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
						RC	-	-	M	-	
18	**SILTY CLAY (CL)** Black, moist, some fine sand, soft. Grades brown at 18.5 feet					RC	M	-	-	-	
20 (6)	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and gravel up to 3", some silt					RC	M	-	-	-	
22						RC	M	-	-	-	
24					5/10	RC	M	-	-	-	
26 (8)						RC	M	-	-	-	
28						RC	M	-	-	-	
30						RC	M	-	-	-	
32 (10)						RC	M	-	-	-	
34	Some clay at 35.0 feet				4/10	RC	M	-	-	-	
36											

Clayton GROUP SERVICES

BORING NO: MW1117	WELL NO: MW1117	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) cont. Brown, moist, fine to coarse sand and gravel up to 3", some silt					RC	M	-	-	-	
38						RC	M	-	-	-	
12											
40						RC	M	-	-	-	
42						RC	M	-	-	-	
44					6/10	RC	M	-	-	-	
46	14 More clay, slightly cohesive from 46.0 to 47.0 feet					RC	M	-	-	-	
48					5/5	RC	M	-	-	-	
50						RC	M	-	-	-	
52						RC	M	-	-	-	
16											
54	Grades wet at 54.0 feet				3/5	RC	W	-	-	-	
56											

Clayton GROUP SERVICES

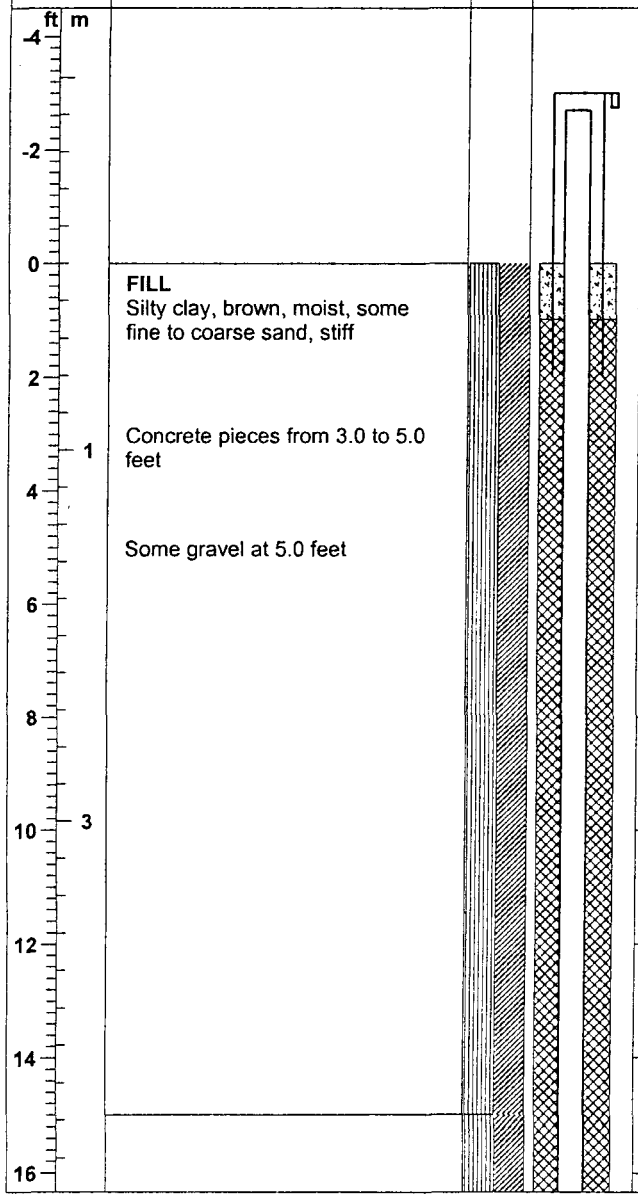
BORING NO: MW1117	WELL NO: MW1117	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) cont. brown, moist, fine to coarse sand and gravel up to 3", some silt					RC	W	-	-	-	
58	Grades gray at 58.0 feet				2/5	RC	W	-	-	-	
60						RC	W	-	-	-	
	CLAYEY SILT (ML) Gray, wet, some sand, soft, cohesive										
62	19					RC	W	-	-	-	
64					5/5	RC	W	-	-	-	
	End of Boring at 65.0 Feet										
66											
68	21										
70											
72											
74	23										
76											

Clayton GROUP SERVICES

BORING NO: MW1118	WELL NO: MW1118	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Area 2		COORDINATES: NA	

DRILLING CO: Boart-Longyear	DRILLER: R. Buckenburger	LOGGED BY: D. Lamsma
DRILLING EQUIP: Rotosonic	SCREEN INTERVAL: 67.0 to 77.0 feet	CHECKED BY: M. Leddy
STATIC WATER LEVEL: -	SCREEN MTL/SLOT: stainless steel/2"	START DATE: 10/1/2002
BOREHOLE DIA: 6"	STICKUP: 2.7	START TIME (hours): 1031
TOP of CASING ELEVATION: 708.49	G.S. ELEVATION: 705.79	FINISH DATE: 10/1/2002
RISER DIA/MTL/LGTH: 2"/stainless steel/70'	DEV. METHODS: -	FINISH TIME (hours): 1250



DEPTH (ft)	DESCRIPTION	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0	**FILL** Silty clay, brown, moist, some fine to coarse sand, stiff			RC	M	-	-	-	
2				RC	M	-	-	-	
3.5	Concrete pieces from 3.0 to 5.0 feet								
4	Some gravel at 5.0 feet		3/5	RC	M	-	-	-	
6				RC	M	-	-	-	
8				RC	M	-	-	-	
10				RC	--	-	-	-	Poor recovery at 10 feet-- sample locked in drill bit
12				RC	--	-	-	-	
14			2/10	RC	--	-	-	-	

Boring/Well No.: MW1118

Clayton GROUP SERVICES

BORING NO: MW1118	WELL NO: MW1118	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SILTY CLAY (CL) Brown, gray mottle, moist, some medium to coarse sand, stiff, cohesive					RC	M	-	-	-	
18	Grades gray, trace fine gravel, soft at 16.0 feet					RC	M	-	-	-	
6 / 20						RC	M	-	-	-	
22						RC	M	-	-	-	
24					10/10	RC	M	-	-	-	
26 / 8						RC	M	-	-	-	
28						RC	M	-	-	-	
30	Grades brown, more medium to coarse sand and fine gravel at 30.0 feet					RC	M	-	-	-	
32 / 10						RC	M	-	-	-	
34	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and gravel up to 2", some silt and clay				8/10	RC	M	-	-	-	
36											

Clayton GROUP SERVICES

BORING NO: MW1118	WELL NO: MW1118	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) Brown, moist, fine to coarse sand and gravel up to 2", some silt and clay					RC	M	-	-	-	
38						RC	M	-	-	-	
12											
40						RC	M	-	-	-	
42						RC	M	-	-	-	
44					3/10	RC	M/W	-	-	-	
46	**CLAYEY SILT (ML)** Gray, wet, some fine to medium sand, cohesive					RC	W	-	-	-	
14											
48					5/5	RC	W	-	-	-	
50						RC	W	-	-	-	
52						RC	W	-	-	-	
16											
54					3/5	RC	W	-	-	-	
56											

Clayton GROUP SERVICES

BORING NO: MW1118	WELL NO: MW1118	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
58	**CLAYEY SAND (SC)** Light gray, wet, trace fine gravel, some silt, slightly cohesive, very soft					RC	W	-	-	-	
60					5/5	RC	W	-	-	-	
62						RC	W	-	-	-	
19						RC	W	-	-	-	
64						RC	W	-	-	-	
66						RC	W	-	-	-	
68	**SAND (SW)** Gray, wet, fine to medium grained, some silt				10/10	RC	W	-	-	-	
21											
70	Trace gravel from 70.0 to 74.0 feet					RC	W	-	-	-	
72						RC	W	-	-	-	
74	**CLAYEY SAND (SC)** Light gray, wet, fine to coarse sand, trace fine to medium gravel, some silt				4/5	RC	W	-	-	-	
23											
76											

Clayton GROUP SERVICES

BORING NO: MW1118	WELL NO: MW1118	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	WEATHERED BEDROCK Tan, wet, angular fragments, some silt and clay				2/2	RC	W	-	-	-	
78	End of Boring at 77.0 Feet										
80											
82	25										
84											
86											
88	27										
90											
92											
94	29										
96											

Clayton GROUP SERVICES

BORING NO: MW1119D	WELL NO: MW1119D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: South portion of Area 3		COORDINATES:	

DRILLING CO: Boart-Longyeat	DRILLER: R. Buckenburger	LOGGED BY: D. Lamsma
DRILLING EQUIP: Rotasonic	SCREEN INTERVAL: NA	CHECKED BY: M. Leddy
STATIC WATER LEVEL:	SCREEN MTL/SLOT: NA	START DATE: 10/2/2002
BOREHOLE DIA: 8"	STICKUP: NA	START TIME (hours): 1330
TOP of CASING ELEVATION: 683.98	G.S. ELEVATION: 682.33	FINISH DATE: 10/3/2002
RISER DIA/MTL/LGTH: NA	DEV. METHODS:	FINISH TIME (hours): 0750

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
-4, -2											
0	**TOPSOIL** Silty clay, black, moist, roots					RC	M	-	0.8	1.8	
2	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and gravel up to 3", some silt					RC	M	-	1.6	1.9	
4 (1)	Some clay, slightly cohesive from 5.0 to 7.0 feet				5/5	RC	M	-	0.7	2.8	
6						RC	M	-	0.8	3.8	
8						RC	M	-	0.7	3.8	
10 (3)						RC	M	-	0.7	2.0	
12						RC	M	-	0.8	1.8	
14	Some clay, slightly cohesive, from 14.0 to 18.0 feet				7/10	RC	M	-	0.8	1.6	
16											

Clayton GROUP SERVICES

BORING NO: MW1119D	WELL NO: MW1119D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) CONT. Brown, moist, fine to coarse sand and gravel up to 3", some silt					RC	M	-	3.5	2.2	
18						RC	M	-	3.1	8.6	
6 20	Less gravel, up to 1" from 20.0 to 25.0 feet					RC	M	-	6.9	4.1	
22						RC	M	-	6.3	5.5	
24	Some clay, slightly cohesive from 25.0 to 27.0 feet				10/10	RC	M	-	6.3	7.8	
26 8						RC	M	-	0.6	3.6	
28						RC	M	-	4.7	4.4	
30	Grades wet at 30.0 feet					RC	W	-	--	--	
32						RC	W	-	--	--	
10 34					6/10	RC	W	-	--	--	
36											

Clayton GROUP SERVICES

BORING NO: MW1119D	WELL NO: MW1119D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) CONT. Brown, moist, fine to coarse sand and gravel up to 3", some silt					RC	W	-	--	--	
38						RC	W	-	--	--	
12											
40						RC	W	-	--	--	
42						RC	W	-	--	--	
44					6/10	RC	W	-	--	--	
46	14 **WEATHERED BEDROCK** Tan, wet, angular fragments, some silt and clay					RC	W	-	--	--	
48						RC	W	-	--	--	
50					6/6	RC	W	-	--	--	
52	16 **DOLOMITE** Gray, vugs					RC	W	-	--	--	
54						RC	W	-	--	--	
56											

Clayton GROUP SERVICES

BORING NO: MW1119D	WELL NO: MW1119D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	DOLOMITE CONT. Gray, vugs					SS	W		--	--	
58					9/9	SS	W		--	--	
60	Vertical fracture from 60.9 to 61.55 feet										
62	19				2.4/5	SS	--	--	--	--	RQD = 16%
64											
66											
68	Vertical fracture with mineral crystals from 68.4 to 70.25 feet										
	21										
70					8.5/10	SS	--	17 min for 10 ft	--	--	RQD = 31%
72											
74											
	Rock very broken from 75.0 to 78.52 feet										
	23										
76											

Clayton GROUP SERVICES

BORING NO: MW1119D	WELL NO: MW1119D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	DOLOMITE CONT. Gray, vugs										
78											
	More vugs from 79.5 to 95.0 feet										
80					7.8/10	SS	--	15 min for 10ft	--	--	RQD = 13%
82	25										
84											
86											
88											
	27 Iron stains from 88.5 to 89.8 feet										
90	Iron stains from 91.0 to 91.5 feet				10/10	SS	--	8 min for 10 ft	--	--	RQD = 44%
92											
94											
	29										
96											

Clayton GROUP SERVICES

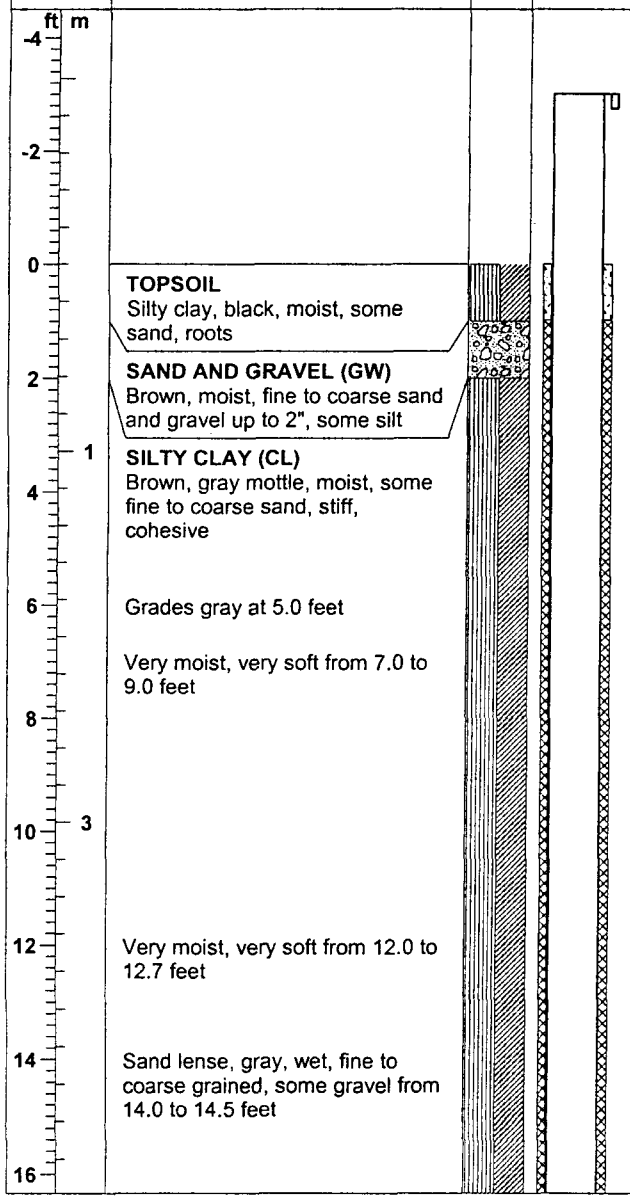
BORING NO: MW1119D	WELL NO: MW1119D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	Horizontal fracture with mineral crystals at 96.5 feet										
98	Horizontal fracture at 98.0 feet										
	Horizontal fracture at 99.0 feet										
100	Horizontal fracture at 99.9 feet				10/10	SS	--	10 min for 10 ft	--	--	RQD = 61%
	Horizontal fracture with mineral crystals at 101.0 feet										
31											
102											
	Vertical fracture with mineral crystals from 102.8 to 104.2 feet										
104	Iron stains from 103.7 to 104.0 feet										
106											
	Horizontal fracture at 107.25 feet										
108											
33											
	Horizontal fracture at 108.9 feet										
110	Vertical fracture from 108.9 to 109.25 feet				10/10	SS	--	7 min for 10 ft	--	--	RQD = 70%
112											
114											
35											
116	End of Boring at 115.0 feet										

Clayton GROUP SERVICES

BORING NO: MW1120D	WELL NO: MW1120D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: Retention pond in Area 3		COORDINATES:	

DRILLING CO: Boart-Longyear	DRILLER: R. Buckenburger	LOGGED BY: D. Lamsma
DRILLING EQUIP: Rotasonic	SCREEN INTERVAL: NA	CHECKED BY: M. Leddy
STATIC WATER LEVEL:	SCREEN MTL/SLOT: NA	START DATE: 10/3/2002
BOREHOLE DIA: 8"	STICKUP: 2.1	START TIME (hours): 1100
TOP of CASING ELEVATION: 677.65	G.S. ELEVATION: 675.55	FINISH DATE: 10/3/2002
RISER DIA/MTL/LGTH: NA	DEV. METHODS: -	FINISH TIME (hours): 1500



DEPTH (ft)	DESCRIPTION	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0	**TOPSOIL** Silty clay, black, moist, some sand, roots			RC	M	-	0.4	1.3	
2	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and gravel up to 2", some silt			RC	M	-	0.2	1.9	
4	**SILTY CLAY (CL)** Brown, gray mottle, moist, some fine to coarse sand, stiff, cohesive		5/5	RC	M	-	0.1	2.5	
6	Grades gray at 5.0 feet			RC	M/VM	-	0.2	2	
8	Very moist, very soft from 7.0 to 9.0 feet			RC	M/VM	-	0.2	1.9	
10				RC	M	-	--	--	
12	Very moist, very soft from 12.0 to 12.7 feet			RC	VM/M	-	--	--	
14	Sand lense, gray, wet, fine to coarse grained, some gravel from 14.0 to 14.5 feet		10/10	RC	W/M	-	--	--	
16									

Clayton GROUP SERVICES

BORING NO: MW1120D	WELL NO: MW1120D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SILTY CLAY (CL) CONT. Brown, gray, mottle, moist, some fine to coarse sand, stiff, cohesive					RC	M	-	0.2	2.2	
18						RC	M	-	0.3	2	
6 / 20	Grades brown, more sand and gravel at 20.0 feet					RC	M	-	0.1	2.7	
22	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and gravel up to 2", some silt, trace clay					RC	M	-	0.2	2	
24	Grades gray, gravel up to 4" at 24.0 feet Grades brown, wet at 25.0 feet				10/10	RC	M	-	0.1	2.1	
26 / 8						RC	W	-	--	--	
28						RC	W	-	--	--	
30	**SAND (SW)** Brown, wet, fine to coarse grained sand, trace fine gravel					RC	W	-	--	--	
32	Grades to fine at 32.7 feet					RC	W	-	--	--	
10	**SAND AND GRAVEL (GW)** Brown, wet, fine to coarse sand and gravel, some silt and clay, cobbles up to 5"					RC	W	-	--	--	
34					6/10	RC	W	-	--	--	
36											

Clayton GROUP SERVICES

BORING NO: MW1120D	WELL NO: MW1120D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	CLAYEY SILT (ML) Gray, wet, some fine to coarse sand, trace gravel, soft, cohesive					RC	W	-	--	--	
38						RC	W	-	--	--	
12											
40						RC	W	-	--	--	
42	**WEATHERED BEDROCK** Tan, wet, angular fragments					RC	W	-	--	--	
44					10/10	RC	W	-	--	--	
46	14					RC	W	-	--	--	
48						RC	W	-	--	--	
50	**DOLOMITE** Gray, vugs					RC	W	-	--	--	
52						RC	W	-	--	--	
16											
54					10/10	RC	W		--	--	
56											

Clayton GROUP SERVICES

BORING NO: MW1120D	WELL NO: MW1120D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	Chert nodule at 56.75 feet Chert nodules from 57.3 to 58.0 feet										
58	Vertical fracture with mineral crystals from 58.55 to 59.25 feet										
60	Bedding plane at 60.45 feet				9.9/10	SS	–	7 min for 10 ft	–	–	RQD = 56%
62	19 Pyrite crystals in fracture at 62.25 feet										
64											
	Very broken from 65.0 to 75.5 feet										
66	More vuggy from 66.0 to 67.2 feet										
68	21										
70					2.2/10	SS	–	11 min for 10 ft	–	–	RQD = 0%
72											
74											
	More vuggy from 75.0 to 86.3.0 feet										
76	23										

Clayton GROUP SERVICES

BORING NO: MW1120D	WELL NO: MW1120D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	DOLOMITE CONT. Gray, vugs										
78											
80					7.25/10	RC	--	8 min for 10 ft	--	--	RQD = 16%
82	25										
84											
86											
	Horizontal fracture at 86.8 feet										
88	Very broken from 88.0 to 85.0 feet										
	27										
90	Vertical fracture from 90.0 to 91.4 feet				8/10	RC	--	7 min for 10 ft	--	--	RQD = 39%
92											
94											
	29										
96											

Clayton GROUP SERVICES

BORING NO: MW1120D	WELL NO: MW1120D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
98	**DOLOMITE CONT.** Gray, vugs Horizontal fracture at 98.65 feet Chert nodules from 98.85 to 100.55 feet Vertical fracture with mineral crystals from 100.7 to 101.4 feet Horizontal fracture at 101.1 feet				8.5/10	RC	–	7 min for 10 ft	–	–	RQD = 61%
100											
31											
102											
104											
106	End of Boring at 105.0 Feet										
108											
33											
110											
112											
114											
35											
116											

Clayton GROUP SERVICES

BORING NO: MW1121D	WELL NO: MW1121D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: East side of retention pond in Area 3		COORDINATES:	

DRILLING CO: Boart-Longyear	DRILLER: R. Buckenburger	LOGGED BY: D. Lamsma
DRILLING EQUIP: Rotasonic	SCREEN INTERVAL: NA	CHECKED BY: M. Leddy
STATIC WATER LEVEL: -	SCREEN MTL/SLOT: NA	START DATE: 10/7/2002
BOREHOLE DIA: 8"	STICKUP: 2.19	START TIME (hours): 1247
TOP of CASING ELEVATION: 683.44	G.S. ELEVATION: 681.25	FINISH DATE: 10/7/2002
RISER DIA/MTL/LGTH: NA	DEV. METHODS: -	FINISH TIME (hours): 1640

DEPTH (ft / m)	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
-4, -2											
0	**FILL** Silty clay, black, moist, some fine sand, roots					RC	M	-	0.4	0.8	
2	Grades brown, stiff at 1.0 feet				3.5/4	RC	M	-	0.4	0.7	
1	Some coarse sand and fine gravel from 3.5 to 4.0 feet										
4	Grades to sand and gravel, brown, fine to coarse sand and fine to medium gravel at 4.0 feet					RC	M	-	0.5	2.1	
6	Grades to silty clay, brown, some fine to medium sand, trace gravel, stiff at 7.0 feet					RC	M	-	0.4	0.5	
8						RC	M	-	0.4	1.6	
10, 3						RC	M	-	0.4	2.1	
12						RC	M	-	0.4	1.1	
14	Grades to sand and gravel, brown, fine to coarse sand and gravel up to 3", some silt and clay at 15.0 feet				6/11	RC	M	-	0.6	1.5	
16											

Clayton GROUP SERVICES

BORING NO: MW1121D	WELL NO: MW1121D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	FILL (CONT.) Silty clay, black, moist, some fine sand, roots					RC	M	-	0.8	5.4	
18						RC	M	-	1.2	1.3	
6 / 20	**SAND AND GRAVEL (GW)** Light brown, moist, fine to coarse sand and gravel up to 2", some silt					RC	M	-	0.7	2.3	
22						RC	M	-	0.7	2	
24					10/10	RC	M	-	0.5	0.7	
26 / 8						RC	M	-	0	1.5	
28						RC	M	-	0	2.5	
30	Wet at 30.0 feet					RC	W	-	--	--	
32						RC	W/M	-	--	--	
10 / 34	**SILTY CLAY (CL)** Gray, moist, some medium to coarse sand, trace gravel, stiff, cohesive				8/10	RC	M/W	-	--	--	
36											

Boring/Well No.: MW1121D

Clayton GROUP SERVICES

BORING NO: MW1121D	WELL NO: MW1121D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	SAND (SW) Gray, wet, fine to coarse grained, trace gravel					RC	W	-	--	--	
38	**CLAYEY SILT (ML)** Gray, wet, some fine sand, soft, cohesive					RC	W	-	--	--	
12											
40						RC	W	-	--	--	
42						RC	W	-	--	--	
44					10/10	RC	W	-	--	--	
46	14					RC	W	-	--	--	
48						RC	W	-	--	--	
50	**WEATHERED BEDROCK** Tan, wet, angular fragments					RC	W	-	--	--	
52						RC	W	-	--	--	
16											
54					10/10	RC	W	-	--	--	
56											

Clayton GROUP SERVICES

BORING NO: MW1121D	WELL NO: MW1121D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	DOLOMITE Gray, vugs					RC	W	-	--	--	
58					2/5	RC	W	-	--	--	
60											
62	19				0.8/5	RC	W	8 min for 5 ft	--	--	RQD = 8%
64											
	Chert nodules and mineral crystals from 65.0 to 65.6 feet										
66											
68											
	21										
70					6.5/10	RC	W	13 min for 10 ft	--	--	RQD = 20%
72											
74											No Recovery from 75.0 to 85.0 feet-- Rock was too soft and broken up by drill bit
	23										
76											

Clayton GROUP SERVICES

BORING NO: MW1121D	WELL NO: MW1121D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	DOLOMITE (CONT.) Gray, vugs										
78											
80					0/10	RC	W	8 min for 10 ft	--	--	RQD = 0%
82 — 25											
84											
	Tan, very broken, numerous coral fossils, possible reef from 85.0 to 109.0 feet										
86											
88 — 27											
90					5/10	RC	W	5 min for 10 ft	--	--	RQD = 0%
92											
94											
29											
96											

Clayton GROUP SERVICES

BORING NO: MW1121D	WELL NO: MW1121D	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	DOLOMITE (CONT.) Gray, vugs										
98											
100											
31 102											
104					7/20	SS	W	21 min for 20 ft	–	–	RQD = 0%
106											
108 33											
	Gray, more from 109.0 to 115.0 feet										
110											
112											
114											
35											
116	End of Boring at 115.0 Feet										

Clayton GROUP SERVICES

BORING NO: MW1122	WELL NO: MW1122	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: West side of Area 2		COORDINATES: NA	

DRILLING CO: Boart-Longyear	DRILLER: J. Drabek	LOGGED BY: D. Lamsma
DRILLING EQUIP: Rotasonic	SCREEN INTERVAL: 59.0 to 69.0 ft BGS	CHECKED BY: M. Leddy
STATIC WATER LEVEL: -	SCREEN MTL/SLOT: stainless steel/0.01	START DATE: 11/2/2002
BOREHOLE DIA: 8" to 46 ft/5.5" to 70 ft	STICKUP: 2.41	START TIME (hours): 1430
TOP of CASING ELEVATION: 697.61	G.S. ELEVATION: 695.2	FINISH DATE: 11/5/2002
RISER DIA/MTL/LGTH: 2"/stainless steel/62'	DEV. METHODS: Grundfos	FINISH TIME (hours): 1408

DEPTH (ft)	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
-4											
-2											
0	**BLIND DRILL TO 35 FEET** See information from CSB1840					RC	M	-	-	-	
2						RC	M	-	-	-	
4						RC	M	-	-	-	
6						RC	M	-	-	-	
8						RC	M	-	-	-	
10						RC	M	-	-	-	
12						RC	M	-	-	-	
14						RC	M	-	-	-	
16						RC	M	-	-	-	
18											

Clayton GROUP SERVICES

BORING NO: MW1122	WELL NO: MW1122	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	BLIND DRILL TO 35.0 FEET See information from CSB1840					RC	M	-	-	-	
20						RC	M	-	-	-	
22						RC	M	-	-	-	
7						RC	M	-	-	-	
24						RC	M	-	-	-	
26						RC	M	-	-	-	
28						RC	M	-	-	-	
9						RC	M	-	-	-	
30						RC	M	-	-	-	
32						RC	M	-	-	-	
34						RC	M	-	-	-	
36	**SAND (SW)** Brown, moist, fine to coarse grained, some fine gravel, some silt and clay					RC	M	-	-	-	
11						RC	M	-	-	-	
38					5/5	RC	M/W	-	-	-	
40											

Clayton GROUP SERVICES

BORING NO: MW1122	WELL NO: MW1122	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SILTY SAND (SM) Gray, moist, some medium to coarse sand and fine gravel Wet at 39.5 feet					RC	W	-	-	-	
42						RC	W	-	-	-	
44					2/6	RC	W	-	-	-	
46 14	Some clay from 46.0 to 55.0 feet					RC	W	-	-	-	
48						RC	W	-	-	-	
50						RC	W	-	-	-	
52 16						RC	W	-	-	-	
54					7/9	RC	W	-	-	-	
56						RC	W	-	-	-	
58	**SAND (SW)** Gray, wet, fine to coarse sand, some fine gravel, some silt and clay					RC	W	-	-	-	
18 60						RC	W	-	-	-	
62						RC	W	-	-	-	

Clayton GROUP SERVICES

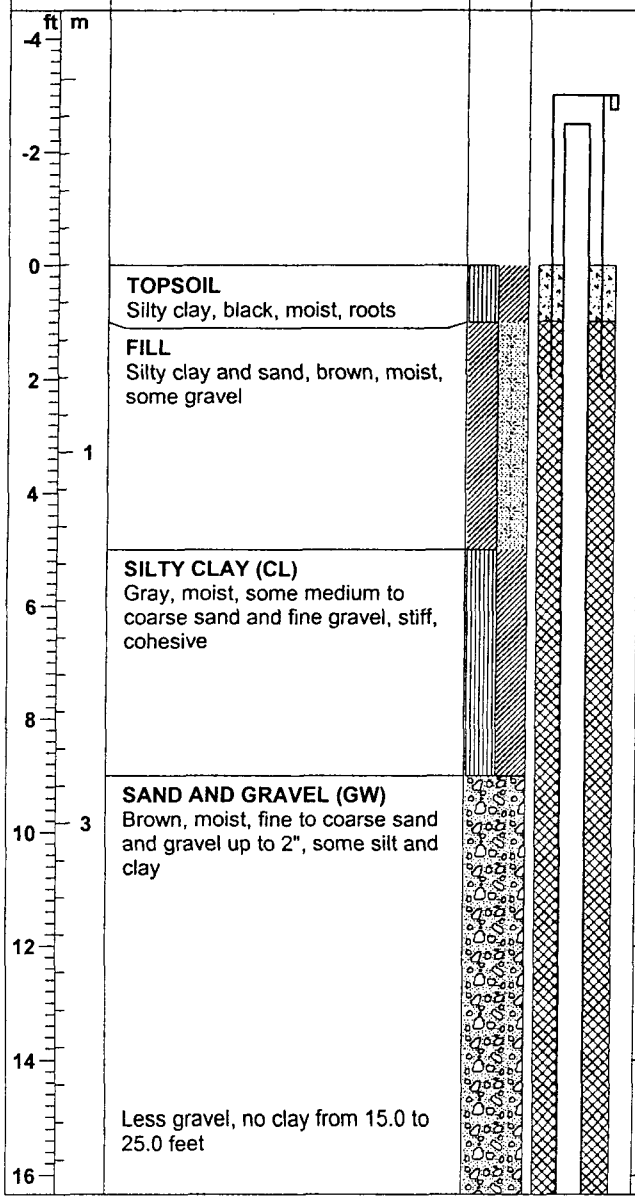
BORING NO: MW1122	WELL NO: MW1122	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
						RC	W	-	-	-	
64	**WEATHERED BEDROCK** Gray, wet, angular fragments Grades tan at 64.1 feet				7/10	RC	W	-	-	-	
20											
66						RC	W	-	-	-	
68					1/5	RC	W	-	-	-	
70	Competent Bedrock at 70.0 feet										
	End of Boring at 70.0 Feet										
72											
22											
74											
76											
78											
24											
80											
82											
84											

Clayton GROUP SERVICES

BORING NO: MW2101	WELL NO: MW2101	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: South side of retention pond in Area 3		COORDINATES: NA	

DRILLING CO: Boart-Longyear	DRILLER: R. Buckenburger	LOGGED BY: D. Lamsma
DRILLING EQUIP: Rotosonic	SCREEN INTERVAL: 24.0 to 34.0 feet BGS	CHECKED BY: M. Leddy
STATIC WATER LEVEL: NA	SCREEN MTL/SLOT: stainless steel/0.01	START DATE: 10/9/2002
BOREHOLE DIA: 6"	STICKUP: 3.0'	START TIME (hours): 0740
TOP of CASING ELEVATION: 683.43	G.S. ELEVATION: 681.34	FINISH DATE: 10/9/2002
RISER DIA/MTL/LGTH: 2"/stainless steel/27'	DEV. METHODS: Whale pump	FINISH TIME (hours): 0805



DEPTH (ft)	DESCRIPTION	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
0	**TOPSOIL** Silty clay, black, moist, roots			RC	M	-	0.4	0.8	
2	**FILL** Silty clay and sand, brown, moist, some gravel			RC	M	-	0	5.6	
4			2.5/5	RC	M	-	0.1	6.6	
6	**SILTY CLAY (CL)** Gray, moist, some medium to coarse sand and fine gravel, stiff, cohesive			RC	M	-	0	6.9	
8				RC	M	-	0	10.7	VOCs
10	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and gravel up to 2", some silt and clay			RC	M	-	0	9.7	VOCs
12				RC	M	-	0.1	9	
14	Less gravel, no clay from 15.0 to 25.0 feet		5/10	RC	M	-	1.2	5.2	
16									

Boring/Well No.: MW2101

Clayton GROUP SERVICES

BORING NO: MW2101	WELL NO: MW2101	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

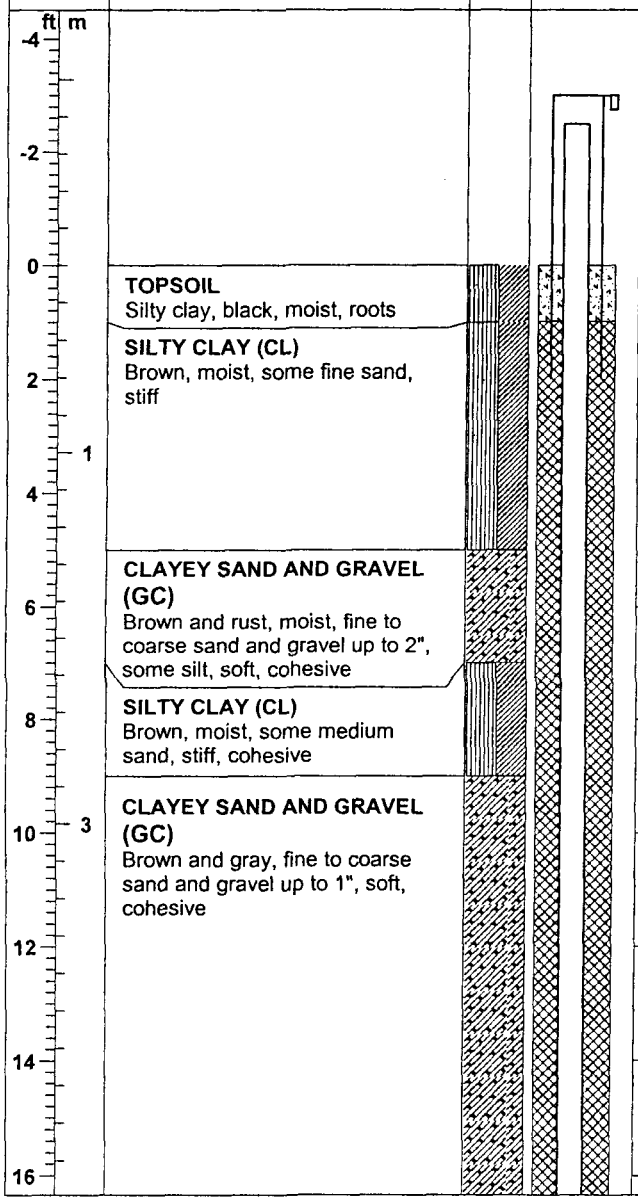
DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) Brown, moist, fine to coarse sand and gravel up to 2", some silt and clay					RC	M	-	0.8	9	
18						RC	M	-	1.8	8.9	
6 / 20						RC	M	-	--	--	
22						RC	M	-	--	--	
24					2/10	RC	M	-	--	--	
26 / 8	Wet at 26.0 feet Cobbles up to 4" from 27.0 to 35.0 feet					RC	W	-	--	--	
28						RC	W	-	-	--	
30						RC	W	-	--	--	
32 / 10						RC	W	-	--	--	
34					4/10	RC	W	-	--	--	
36	End of Boring at 35.0 Feet										

Boring/Well No.: MW2101

Clayton GROUP SERVICES

BORING NO: MW2102	WELL NO: MW2102	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: South side of retention pond in Area 3		COORDINATES: NA	

DRILLING CO: Boart-Longyear	DRILLER: R. Buckenburger	LOGGED BY: D. Lamsma
DRILLING EQUIP: Rotosonic	SCREEN INTERVAL: 23.0 to 33.0 feet BGS	CHECKED BY: M. Leddy
STATIC WATER LEVEL: NA	SCREEN MTL/SLOT: stainless steel/0.01	START DATE: 10/9/2002
BOREHOLE DIA: 6"	STICKUP: 3.0'	START TIME (hours): 1045
TOP of CASING ELEVATION: 679.845	G.S. ELEVATION: 677.105	FINISH DATE: 10/9/2002
RISER DIA/MTL/LGTH: 2"/stainless steel/26'	DEV. METHODS: Grundfos pump	FINISH TIME (hours): 1110



DEPTH (ft)	DESCRIPTION	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	TOPSOIL Silty clay, black, moist, roots			RC	M	-	0	12.7	
	SILTY CLAY (CL) Brown, moist, some fine sand, stiff			RC	M	-	0	18.5	
	CLAYEY SAND AND GRAVEL (GC) Brown and rust, moist, fine to coarse sand and gravel up to 2", some silt, soft, cohesive		2/5	RC	M	-	0	18.5	VOCs
	SILTY CLAY (CL) Brown, moist, some medium sand, stiff, cohesive			RC	M	-	0	11.7	
	CLAYEY SAND AND GRAVEL (GC) Brown and gray, fine to coarse sand and gravel up to 1", soft, cohesive			RC	M	-	0	17.6	
				RC	M	-	0	17.2	VOCs
				RC	M	-	0	16.3	
			10/10	RC	M	-	0	15.3	

Clayton GROUP SERVICES

BORING NO: MW2102	WELL NO: MW2102	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	SAMPLES RECOVERY	SAMPLES METHOD	SAMPLES MOISTURE	SAMPLES BLOW CNT (6")	PID SCAN	PID HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) Brown, moist, fine to coarse sand and gravel up to 2", some silt					RC	M	-	0	14.8	
18						RC	M	-	0	14.0	
6 / 20	Trace clay from 20.0 to 22.0 feet					RC	M	-	0	14.7	VOCs
22						RC	M	-	--	--	
24	Wet, gravel up to 3" at 25.0 feet				5/10	RC	M/W	-	--	--	
26 / 8						RC	W	-	--	--	
28						RC	W	-	--	--	
30						RC	W	-	--	--	
32 / 10						RC	W	-	--	--	
34					6/10	RC	W	-	--	--	
36	End of Boring at 35.0 Feet										

Boring/Well No.: MW2102

Clayton GROUP SERVICES

BORING NO: MW2103	WELL NO: MW2103	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL
BORING LOCATION: South side of retention pond in Area 3		COORDINATES: NA	

DRILLING CO: Boart-Longyear	DRILLER: R. Buckenburger	LOGGED BY: D. Lamsma
DRILLING EQUIP: Rotasonic	SCREEN INTERVAL: 23.0 to 33.0 feet BGS	CHECKED BY: M. Leddy
STATIC WATER LEVEL: -	SCREEN MTL/SLOT: stainless steel/0.01	START DATE: 10/9/2002
BOREHOLE DIA: 6"	STICKUP: 2.79	START TIME (hours): 1338
TOP of CASING ELEVATION: 680.165	G.S. ELEVATION: 677.375	FINISH DATE: 10/9/2002
RISER DIA/MTL/LGTH: 2"/stainless steel/26'	DEV. METHODS: Grundfos pump	FINISH TIME (hours): 1400

DEPTH (ft)	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
-4											
-2											
0	**TOPSOIL** Silty clay, black, moist, roots					RC	M	-	--	--	
2	**CLAYEY SAND (SC)** Brown and rust, moist, fine to coarse sand, trace fine gravel, slightly cohesive					RC	M	-	0	17.4	
4					2/5	RC	M	-	0	19.3	
6						RC	M	-	0	18.7	
8						RC	M	-	0	22.1	VOCs
10	**SAND AND GRAVEL (GW)** Brown, moist, fine to coarse sand and fine gravel up to 0.5', some silt and clay					RC	M	-	--	--	
12						RC	M	-	--	--	
14	Less gravel, no clay from 15.0 to 25.0 feet				5/10	RC	M	-	0.2	19.8	
16											

Boring/Well No.: MW2103

Clayton GROUP SERVICES

BORING NO: MW2103	WELL NO: MW2103	PROJECT NO: 15-65263.01	PROJECT NAME: Lockformer Lisle, IL

DEPTH	DESCRIPTION	GRAPHIC	WELL	SAMPLES NUMBER	RECOVERY	METHOD	MOISTURE	BLOW CNT (6")	PID SCAN	HEADSPACE	REMARKS
	SAND AND GRAVEL (GW) CONT. Brown, moist, fine to coarse sand and fine gravel up to 0.5', some silt and clay					RC	M	-	0	15.4	
18						RC	M	-	2.3	21.8	VOCs
6 / 20						RC	M	-	--	--	
22						RC	M	-	--	--	
24	Wet, gravel up to 3" at 25.0 feet				4/10	RC	M/W	-	--	--	
26 / 8						RC	W	-	--	--	
28						RC	W	-	--	--	
30						RC	W	-	--	--	
32 / 10	Some clay from 33.5 to 35.0 feet					RC	W	-	--	--	
34					6/10	RC	W	-	--	--	
36	End of Boring at 35.0 Feet										