

AUG 06 2001

CHLORINATED SOLVENT PLUME REPORT

Don Jones Property
(Formerly Printpack)
2101 Williams Street
Alameda County
San Leandro, California

Prepared for:

Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

and

Printpack, Inc.
4335 Wendell Drive, S.W.
Atlanta, Georgia 30336

Prepared by:

CTEC-ESCM, INC.
P.O. BOX 271
PINELLAS PARK, FL
July 23, 2001

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**Chlorinated Solvent Plume Report
Printpack, Inc., Facility, 2101 Williams Street
Alameda County, San Leandro, California
July 23, 2001**

I. INTRODUCTION

CTEC-ESCM, Inc. was commissioned by Printpack, Inc. to conduct environmental remediation work at their San Leandro, California facility. Printpack sold the facility to Don Jones Company in 2000. The facility is located at 2101 Williams Street, Alameda County, San Leandro, California (Figure 1). The facility was previously owned by the James River Corporation.

Previously submitted sampling data, reports, and models have documented that Printpack has not created and is not responsible for any environmental risks associated with the constituents of concern previously identified for this site, including the chlorinated solvents that have migrated from off-site onto the property from up-gradient facilities. [Alameda County Health Care Services Agency Department of Environmental Health identified an offsite release of chlorinated solvents (i.e., Tetrachloroethene and Trichloroethene) up gradient of the facility and determined that the groundwater beneath the Don Jones property should also be tested for these constituents]. Three quarterly rounds of groundwater sampling have confirmed the presence of tetrachloroethene and its degraded daughter compounds trichloroethene and 1,2-cis, dichloroethene in the groundwater beneath the facility. The Previous Report, dated May 25, 2001, provided modeling data to the Alameda County Health Care Services Agency Department of Environmental Health that clearly demonstrated that the dissolved chlorinated solvents are not originating from a release from the Don Jones property and [as previously suggested as a possibility by the Agency, that a chlorinated solvent release may have occurred from the old tankpit area adjacent to monitor well, W-8] did not originate from a release on the don Jones property.. The previously submitted report, dated May 25, 2001, provided proof that the release occurred off-site, up-gradient of the facility and that no chlorinated solvent releases from the Don Jones property have contributed (or are contributing) to the dissolved chlorinated solvent plume beneath the property.

II. CHLORINATED CONSTITUENTS OF CONCERN

A drawing (Figure 7) has been constructed which depicts groundwater sampling data for the Don Jones property and for the up-gradient Watkins Terminal (Now Blue Water Services) property. The drawing shows concentrations of tetrachloroethene (PCE), trichloroethene (TCE) 1,2, cis-dichloroethene (DCE) and vinyl chloride (VC) detected in the groundwater during various sampling events from October 1995 through June 11, 2001.

The collected data clearly depicts that reductive dehalogenation has occurred and is occurring. The TCE, DCE, and VC constituents detected in the down-gradient monitor wells clearly show that anaerobic reductive degradation is occurring. The recently collected data coupled with previously submitted computer models prove conclusively that not only is anaerobic reductive dehalogenation occurring, but shows that it is occurring as the plume moves down-gradient from the Watkins Terminal property onto the Don Jones property.

III. CONCLUSIONS/RECOMMENDATIONS

The data collected and presented in this report shows that a chlorinated solvent release (i.e., primarily tetrachloroethene or PCE) occurred sometime in the past on the Watkins Terminal property and possibly on properties further east of the Watkins property. The PCE plume has migrated and is continuing to migrate. The PCE has undergone and continues to undergo anaerobic reductive dehalogenation and is degrading into its daughter compound of trichloroethene. The trichloroethene has degraded and continues to degrade into 1,2 cis-dichloroethene which has degraded to vinyl chloride. There is no indication that a release of these solvents ever occurred on the Don Jones property. Any release that might have occurred on the Don Jones property from the underground tanks near monitor well, W-8, would have been detected in W-8 or W-7 in concentrations sufficient

Chlorinated Solvent Plume Report
Printpack, Inc., Facility, 2101 Williams Street
Alameda County, San Leandro, California
July 23, 2001

to determine that such a release had occurred. This is not the case; groundwater samples collected from W-8 have consistently shown non-detect for the constituents of concern. However, minor amounts of vinyl chloride and 1,2 cis-dichloroethene were detected in 1995 in samples collected from this well. And minor amounts of PCE, TCE, DCE, and VC have been detected over time in monitor well, W-7, showing that the PCE constituent is degrading up-gradient and its daughter compounds are being detected in down-gradient groundwater samples.

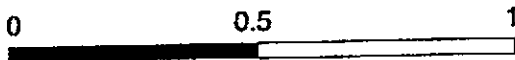
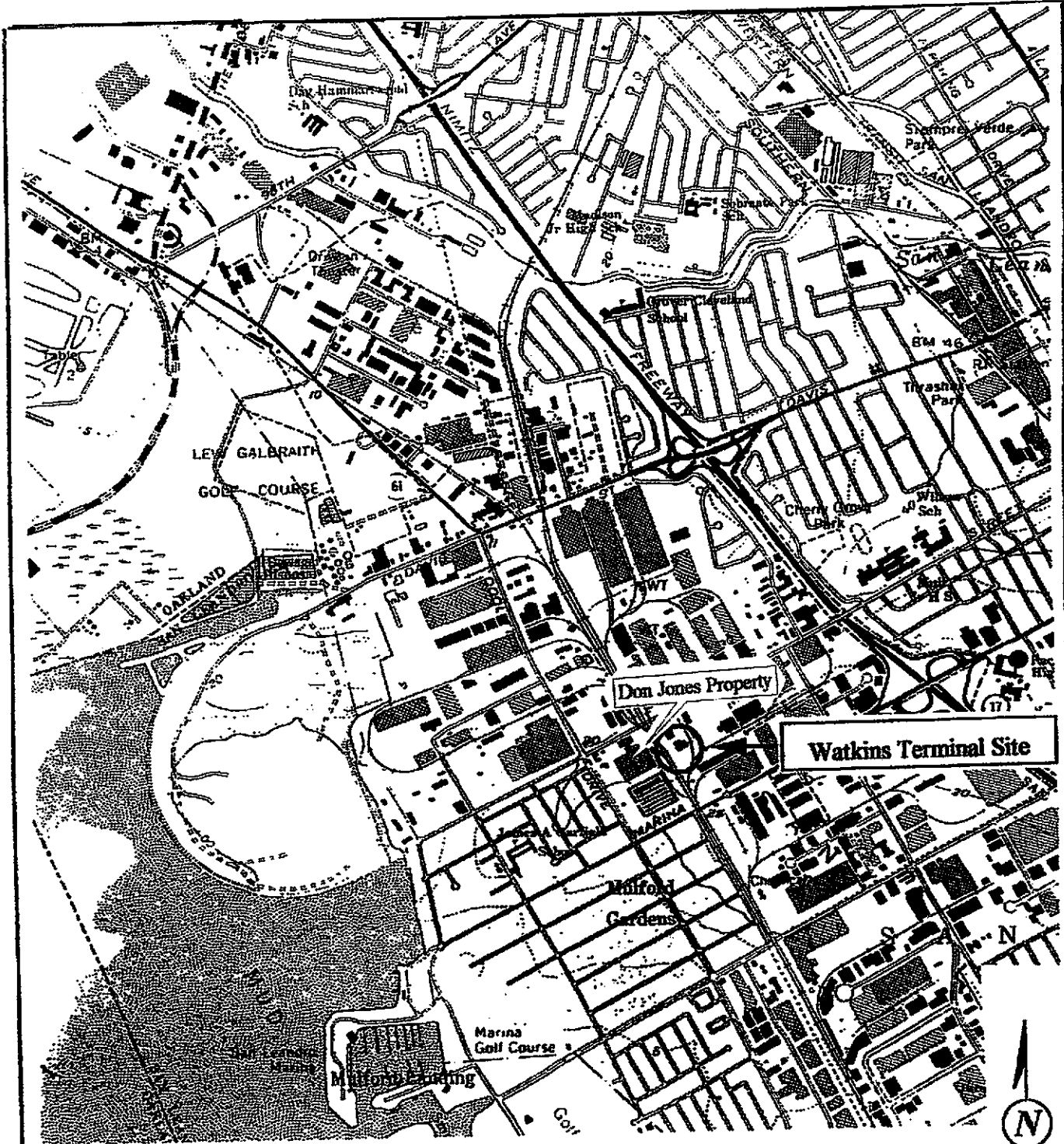
In view of the foregoing, and in light of past investigative work that has been completed at this site and presented to the Alameda County Health Care Services Agency Department of Environmental Health, and in consideration of the acknowledgment by Watkins Terminal and Blue Water Services consultants that up-gradient, off-site releases have occurred, no further investigative or remediation work is justified at this site on behalf of Printpack with regards to these chlorinated solvents. And as agreed previously between Printpack and the Alameda County Health Care Services Agency Department of Environmental Health no additional investigation remediation is warranted concerning any other chemicals of concern on this property. Therefore, it is recommended that the Alameda County Health Care Services Agency Department of Environmental Health provide Printpack with a letter notifying them that no further work is required at this site.

FIGURES:

FIGURE 1 - USGS QUAD

FIGURE 2 - SITE LAYOUT

FIGURE 7 - CHEMICALS OF CONCERN CONCENTRATION



SCALE IN MILES

Topographic Map Source: U.S. Geological Survey, 1959, Photo Revised 1980, San Leandro, California

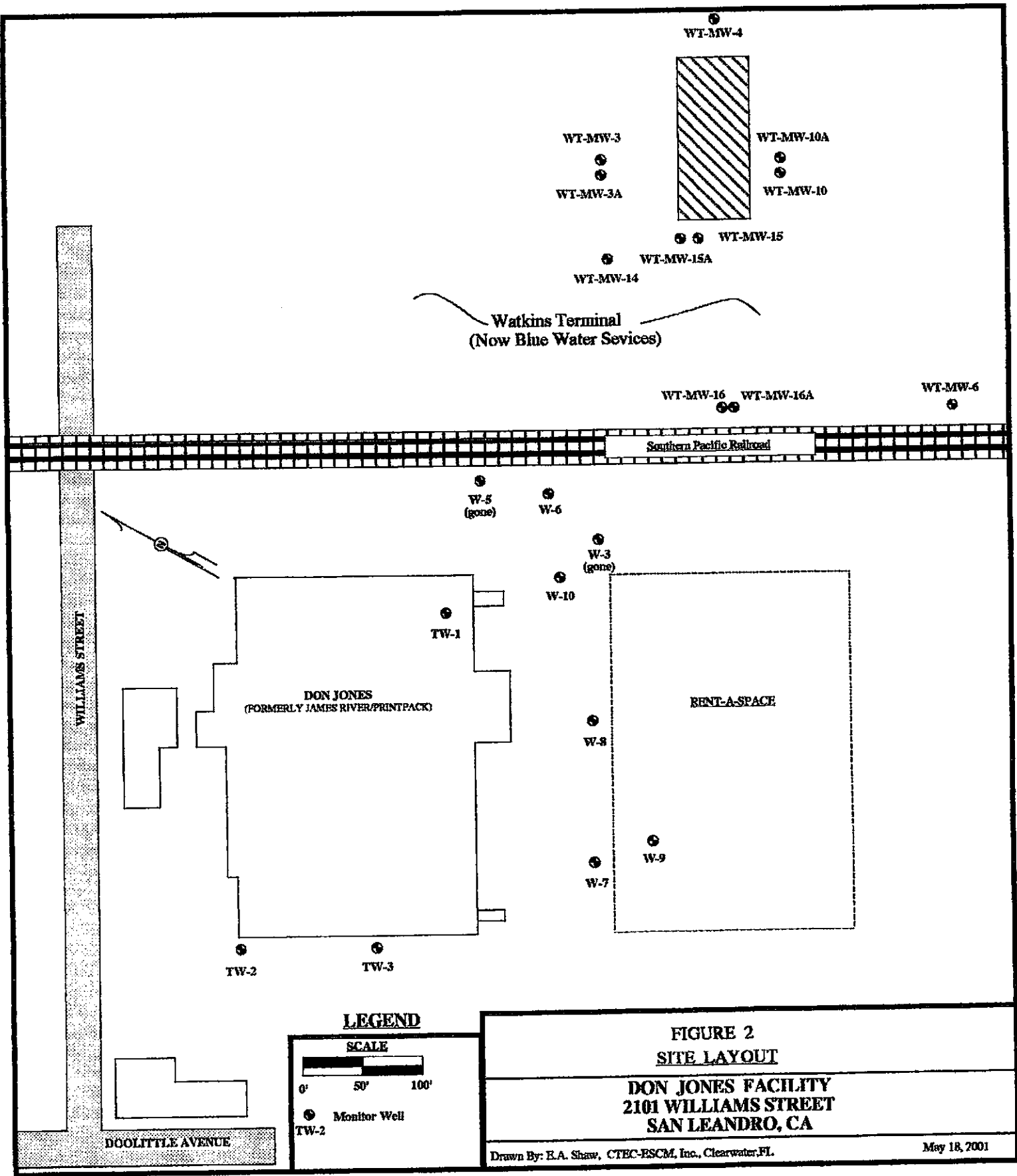


FIGURE 1
USGS QUAD

DON JONES FACILITY
2101 WILLIAMS STREET
SAN LEANDRO, CA

Drawn By: F.A. Shaw, CTEC-ESCM, Inc., Clearwater, FL

May 19, 2001



Watkins Terminal
(Now Blue Water Services)

Southern Pacific Railroad

WILLIAMS STREET

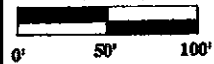
DOOLITTLE AVENUE

DON JONES
(FORMERLY JAMES RIVER/PRINTPACK)

RENT-A-SPACE

LEGEND

SCALE



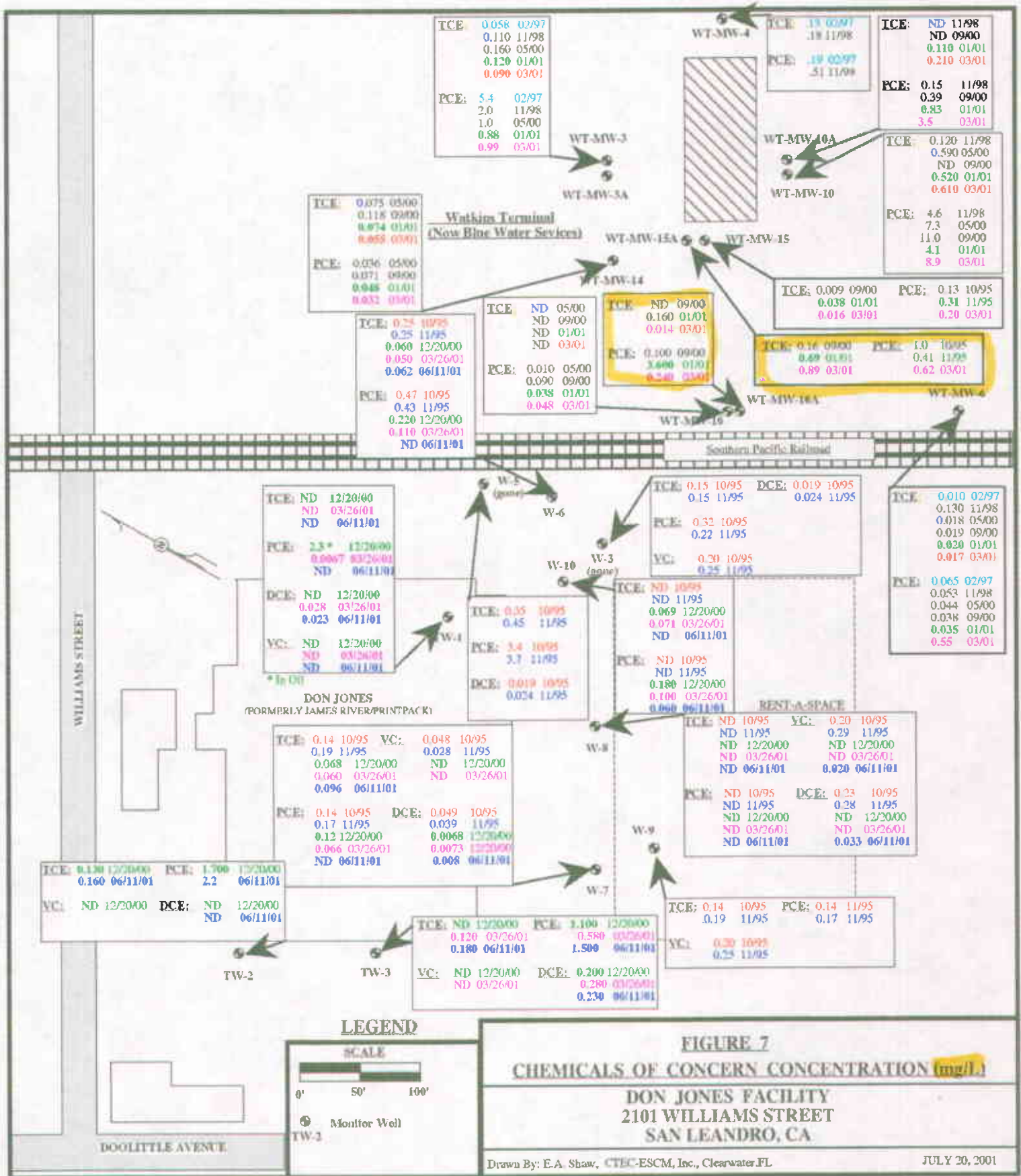
● Monitor Well
TW-2

**FIGURE 2
SITE LAYOUT**

**DON JONES FACILITY
2101 WILLIAMS STREET
SAN LEANDRO, CA**

Drawn By: E.A. Shaw, CTEC-EPCM, Inc., Clearwater, FL

May 18, 2001



ICE: 0.058 02/97
0.110 11/98
0.160 05/00
0.120 01/01
0.090 03/01

PCE: 5.4 02/97
2.0 11/98
1.0 05/00
0.88 01/01
0.99 03/01

ICE: 18 02/97
18 11/98

PCE: 18 02/97
.51 11/98

ICE: ND 11/98
ND 09/00
0.110 01/01
0.210 03/01

PCE: 0.15 11/98
0.39 09/00
0.83 01/01
3.5 03/01

ICE: 0.075 05/00
0.118 09/00
0.974 01/01
0.953 03/01

PCE: 0.036 05/00
0.071 09/00
0.048 01/01
0.032 03/01

Watkins Terminal
(Now Blue Water Services)

ICE: ND 05/00
ND 09/00
ND 01/01
ND 03/01

PCE: 0.010 05/00
0.090 09/00
0.038 01/01
0.048 03/01

ICE: ND 09/00
0.160 01/01
0.014 03/01

PCE: 0.100 09/00
3.400 01/01
0.240 03/01

ICE: 0.009 09/00
0.038 01/01
0.016 03/01

PCE: 0.13 10/95
0.31 11/95
0.20 03/01

ICE: 0.16 09/00
0.49 01/01
0.89 03/01

PCE: 1.0 10/95
0.41 11/95
0.62 03/01

ICE: 0.25 10/95
0.25 11/95
0.060 12/2000
0.050 03/26/01
0.062 06/11/01

PCE: 0.47 10/95
0.43 11/95
0.220 12/20/00
0.110 03/26/01
ND 06/11/01

ICE: ND 12/20/00
ND 03/26/01
ND 06/11/01

PCE: 2.3* 12/20/00
0.0067 03/26/01
ND 06/11/01

DCE: ND 12/20/00
0.028 03/26/01
0.023 06/11/01

VC: ND 12/20/00
ND 03/26/01
ND 06/11/01

ICE: 0.15 10/95
0.15 11/95

PCE: 0.32 10/95
0.22 11/95

VC: 0.20 10/95
0.25 11/95

ICE: 0.35 10/95
0.45 11/95

PCE: 3.4 10/95
3.7 11/95

DCE: 0.019 10/95
0.024 11/95

ICE: ND 10/95
ND 11/95
0.069 12/20/00
0.071 03/26/01
ND 06/11/01

PCE: ND 10/95
ND 11/95
0.180 12/20/00
0.100 03/26/01
0.060 06/11/01

DCE: 0.019 10/95
0.024 11/95

ICE: 0.010 02/97
0.130 11/98
0.018 05/00
0.019 09/00
0.020 01/01
0.017 03/01

PCE: 0.065 02/97
0.053 11/98
0.044 05/00
0.038 09/00
0.035 01/01
0.55 03/01

ICE: 0.14 10/95
0.19 11/95
0.068 12/20/00
0.060 03/26/01
0.096 06/11/01

PCE: 0.14 10/95
0.17 11/95
0.12 12/20/00
0.066 03/26/01
ND 06/11/01

DCE: 0.049 10/95
0.039 11/95
0.0068 12/20/00
0.0073 03/26/01
0.008 06/11/01

VC: 0.048 10/95
0.028 11/95
ND 12/20/00
ND 03/26/01

ICE: ND 10/95
ND 11/95
ND 12/20/00
ND 03/26/01
ND 06/11/01

PCE: ND 10/95
ND 11/95
ND 12/20/00
ND 03/26/01
ND 06/11/01

DCE: 0.23 10/95
0.28 11/95
ND 12/20/00
ND 03/26/01
0.033 06/11/01

VC: 0.20 10/95
0.29 11/95
ND 12/20/00
ND 03/26/01
0.020 06/11/01

ICE: 0.130 12/20/00
0.160 06/11/01

PCE: 1.700 12/20/00
2.2 06/11/01

VC: ND 12/20/00
DCE: ND 12/20/00
ND 06/11/01

ICE: ND 12/20/00
0.120 03/26/01
0.180 06/11/01

PCE: 1.100 12/20/00
0.580 03/26/01
1.500 06/11/01

VC: ND 12/20/00
ND 03/26/01

DCE: 0.200 12/20/00
0.280 03/26/01
0.230 06/11/01

ICE: 0.14 10/95
0.19 11/95

PCE: 0.14 11/95
0.17 11/95

VC: 0.20 10/95
0.25 11/95

WILLIAMS STREET

DOOLITTLE AVENUE

Southern Pacific Railroad

DON JONES
(FORMERLY JAMES RIVER/PRINTPACK)

REST-A-SPACE

WT-MW-3
WT-MW-3A

WT-MW-4
WT-MW-10A
WT-MW-10

WT-MW-14A
WT-MW-14
WT-MW-15

WT-MW-16
WT-MW-18A
WT-MW-18

W-2 (open)

W-6

W-10

W-3 (now)

W-4

W-8

W-9

W-7

TW-2

TW-3

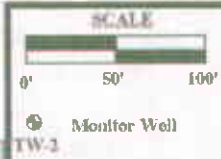


FIGURE 7

CHEMICALS OF CONCERN CONCENTRATION (mg/L)

DON JONES FACILITY
2101 WILLIAMS STREET
SAN LEANDRO, CA.

Drawn By: E.A. Shaw, CTEC-ESCM, Inc., Clearwater FL

JULY 20, 2001

TABLES:

TABLE 1 GROUND-WATER ELEVATION - JUNE 11, 2001

TABLE 1
GROUND-WATER ELEVATION JUNE 11, 2001
DON JONES PROPERTY
2101 WILLIAMS STREET
SAN LEANDRO, CALIFORNIA

<u>MONITOR WELL</u>	<u>GROUNDWATER ELEVATION</u>
W-6	14.0
W-7	13.2
W-8	13.1
W-10	13.4
TW-1	Not Measured
TW-2	11.6
TW-3	11.7

APPENDICES:

Laboratory Data for June 11, 2001

STL Savannah

LOG NO: S1-13670
Received: 12 JUN 01
Reported: 20 JUN 01

Mr. Ed Shaw
ESCM
P.O. Box 387
Monroe, UT 84754

Client PO. No.: EAS061101

Project: Printpack/San Leandro, CA
Sampled By: Client
Code: 160810620

REPORT OF RESULTS

Page 1

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED				
13670-1	MW-10	06-11-01/08:00				
13670-2	MW-6	06-11-01/08:15				
13670-3	MW-8	06-11-01/08:40				
13670-4	MW-7	06-11-01/08:55				
13670-5	TW-1	06-11-01/09:15				
PARAMETER		13670-1	13670-2	13670-3	13670-4	13670-5
Volatiles by GC/MS (8260)						
Chloromethane, ug/l		<20	<20	<10	<10	<10
Bromomethane (Methyl bromide), ug/l		<20	<20	<10	<10	<10
Vinyl chloride, ug/l		<20	<20	20	<10	<10
Chloroethane, ug/l		<20	<20	<10	<10	<10
Methylene chloride (Dichloromethane), ug/l		<10	<10	<5.0	<5.0	<5.0
Acetone, ug/l		<100	<100	<50	<50	<50
Carbon disulfide, ug/l		<10	<10	<5.0	<5.0	<5.0
1,1-Dichloroethene, ug/l		<10	<10	<5.0	<5.0	<5.0
1,1-Dichloroethane, ug/l		<10	<10	<5.0	<5.0	<5.0
cis-1,2-Dichloroethene, ug/l		11	10	33	8.0	23
trans-1,2-Dichloroethene, ug/l		<10	<10	<5.0	<5.0	<5.0
Chloroform, ug/l		<10	<10	<5.0	<5.0	<5.0
1,2-Dichloroethane, ug/l		<10	<10	<5.0	<5.0	<5.0
2-Butanone (MEK), ug/l		<50	<50	<25	<25	<25
1,1,1-Trichloroethane, ug/l		<10	<10	<5.0	<5.0	<5.0
Carbon tetrachloride, ug/l		<10	<10	<5.0	<5.0	<5.0
Vinyl acetate, ug/l		<20	<20	<10	<10	<10

STL Savannah

LOG NO: S1-13670
 Received: 12 JUN 01
 Reported: 20 JUN 01

Mr. Ed Shaw
 ESCM
 P.O. Box 387
 Monroe, UT 84754

Client PO. No.: EAS061101

Project: Printpack/San Leandro, CA
 Sampled By: Client
 Code: 160810620

REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED
13670-1	MW-10	06-11-01/08:00
13670-2	MW-6	06-11-01/08:15
13670-3	MW-8	06-11-01/08:40
13670-4	MW-7	06-11-01/08:55
13670-5	TW-1	06-11-01/09:15

PARAMETER	13670-1	13670-2	13670-3	13670-4	13670-5
Bromodichloromethane, ug/l	<10	<10	<5.0	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l	<10	<10	<5.0	<5.0	<5.0
1,2-Dichloropropane, ug/l	<10	<10	<5.0	<5.0	<5.0
trans-1,3-Dichloropropene, ug/l	<10	<10	<5.0	<5.0	<5.0
Trichloroethene, ug/l	60	62	<5.0	96	<5.0
Dibromochloromethane, ug/l	<10	<10	<5.0	<5.0	<5.0
1,1,2-Trichloroethane, ug/l	<10	<10	<5.0	<5.0	<5.0
Benzene, ug/l	<10	<10	<5.0	<5.0	<5.0
cis-1,3-Dichloropropene, ug/l	<10	<10	<5.0	<5.0	<5.0
2-Chloroethylvinyl ether, ug/l	<100	<100	<50	<50	<50
Bromoform, ug/l	<10	<10	<5.0	<5.0	<5.0
2-Hexanone, ug/l	<50	<50	<25	<25	<25
4-Methyl-2-pentanone (MIBK), ug/l	<50	<50	<25	<25	<25
Tetrachloroethene, ug/l	210	220	<5.0	160	15
Toluene, ug/l	<10	<10	<5.0	<5.0	14
Chlorobenzene, ug/l	<10	<10	<5.0	<5.0	<5.0
Ethylbenzene, ug/l	<10	<10	<5.0	<5.0	<5.0
Styrene, ug/l	<10	<10	<5.0	<5.0	<5.0
Xylenes, Total, ug/l	<20	<20	<10	<10	<10

STL Savannah

LOG NO: S1-13670
Received: 12 JUN 01
Reported: 20 JUN 01

Mr. Ed Shaw
ESCM
P.O. Box 387
Monroe, UT 84754

Client PO. No.: EAS061101

Project: Printpack/San Leandro, CA
Sampled By: Client
Code: 160810620

REPORT OF RESULTS

Page 3

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED				
13670-1	MW-10	06-11-01/08:00				
13670-2	MW-6	06-11-01/08:15				
13670-3	MW-8	06-11-01/08:40				
13670-4	MW-7	06-11-01/08:55				
13670-5	TW-1	06-11-01/09:15				
PARAMETER		13670-1	13670-2	13670-3	13670-4	13670-5
Surrogate - Toluene-d8		106 %	102 %	104 %	102 %	100 %
Surrogate - 4-Bromofluorobenzene		96 %	94 %	96 %	96 %	80 %
Surrogate - Dibromofluoromethane		82 %	88 %	84 %	86 %	90 %
Dilution Factor		2	2	1	1	1
Analysis Date		06.14.01	06.14.01	06.14.01	06.14.01	06.14.01
Batch ID		100614	100614	100614	100614	100614

LOG NO: S1-13670
 Received: 12 JUN 01
 Reported: 20 JUN 01

Mr. Ed Shaw
 ESCM
 P.O. Box 387
 Monroe, UT 84754

Client PO. No.: EAS061101

Project: Printpack/San Leandro, CA
 Sampled By: Client
 Code: 160810620

REPORT OF RESULTS

Page 4

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED			
		13670-6	13670-7	13670-8	13670-9
13670-6	TW-3			06-11-01/09:30	
13670-7	TW-2			06-11-01/09:50	
13670-8	Trip Blank			06-11-01	
13670-9	Equipment Blank			06-11-01/10:05	
PARAMETER		13670-6	13670-7	13670-8	13670-9
Volatiles by GC/MS (8260)					
Chloromethane, ug/l		<100	<200	<10	<10
Bromomethane (Methyl bromide), ug/l		<100	<200	<10	<10
Vinyl chloride, ug/l		<100	<200	<10	<10
Chloroethane, ug/l		<100	<200	<10	<10
Methylene chloride (Dichloromethane), ug/l		<50	<100	<5.0	<5.0
Acetone, ug/l		<500	<1000	<50	<50
Carbon disulfide, ug/l		<50	<100	<5.0	<5.0
1,1-Dichloroethene, ug/l		<50	<100	<5.0	<5.0
1,1-Dichloroethane, ug/l		<50	<100	<5.0	<5.0
cis-1,2-Dichloroethene, ug/l		230	<100	<5.0	<5.0
trans-1,2-Dichloroethene, ug/l		<50	<100	<5.0	<5.0
Chloroform, ug/l		<50	<100	<5.0	<5.0
1,2-Dichloroethane, ug/l		<50	<100	<5.0	<5.0
2-Butanone (MEK), ug/l		<250	<500	<25	<25
1,1,1-Trichloroethane, ug/l		<50	<100	<5.0	<5.0
Carbon tetrachloride, ug/l		<50	<100	<5.0	<5.0
Vinyl acetate, ug/l		<100	<200	<10	<10
Bromodichloromethane, ug/l		<50	<100	<5.0	<5.0
1,1,2,2-Tetrachloroethane, ug/l		<50	<100	<5.0	<5.0

SEVERN

TRENT

SERVICES

5102 LaRoche Avenue • Savannah, GA 31404 • Tel: 912 354 7858 • Fax: 912 352 0165 • www.sth-inc.com

STL Savannah

LOG NO: S1-13670
Received: 12 JUN 01
Reported: 20 JUN 01Mr. Ed Shaw
ESCM
P.O. Box 387
Monroe, UT 84754

Client PO. No.: EAS061101

Project: Printpack/San Leandro, CA
Sampled By: Client
Code: 160810620

REPORT OF RESULTS

Page 5

LOG NO	SAMPLE DESCRIPTION , LIQUID SAMPLES	DATE/ TIME SAMPLED			
13670-6	TW-3	06-11-01/09:30			
13670-7	TW-2	06-11-01/09:50			
13670-8	Trip Blank	06-11-01			
13670-9	Equipment Blank	06-11-01/10:05			
PARAMETER		13670-6	13670-7	13670-8	13670-9
1,2-Dichloropropane, ug/l		<50	<100	<5.0	<5.0
trans-1,3-Dichloropropene, ug/l		<50	<100	<5.0	<5.0
Trichloroethene, ug/l		180	160	<5.0	<5.0
Dibromochloromethane, ug/l		<50	<100	<5.0	<5.0
1,1,2-Trichloroethane, ug/l		<50	<100	<5.0	<5.0
Benzene, ug/l		<50	<100	<5.0	<5.0
cis-1,3-Dichloropropene, ug/l		<50	<100	<5.0	<5.0
2-Chloroethylvinyl ether, ug/l		<500	<1000	<50	<50
Bromoform, ug/l		<50	<100	<5.0	<5.0
2-Hexanone, ug/l		<250	<500	<25	<25
4-Methyl-2-pentanone (MIBK), ug/l		<250	<500	<25	<25
Tetrachloroethene, ug/l		1500	2200	<5.0	<5.0
Toluene, ug/l		<50	<100	<5.0	<5.0
Chlorobenzene, ug/l		<50	<100	<5.0	<5.0
Ethylbenzene, ug/l		<50	<100	<5.0	<5.0
Styrene, ug/l		<50	<100	<5.0	<5.0
Xylenes, Total, ug/l		<100	<200	<10	<10
Surrogate - Toluene-d8		102 %	102 %	100 %	102 %
Surrogate - 4-Bromofluorobenzene		94 %	98 %	94 %	96 %
Surrogate - Dibromofluoromethane		84 %	82 %	82 %	88 %
Dilution Factor		10	20	1	1
Analysis Date		06.14.01	06.14.01	06.14.01	06.14.01
Batch ID		100614	100614	100614	100614

LOG NO: S1-13670

Received: 12 JUN 01

Reported: 20 JUN 01

Mr. Ed Shaw

ESCM

P.O. Box 387

Monroe, UT 84754

Client PO. No.: EAS061101

Project: Printpack/San Leandro, CA

Sampled By: Client

Code: 160810620

REPORT OF RESULTS

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LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	
		13670-10	13670-11
13670-10	Method Blank		
13670-11	Lab Control Standard % Recovery		
PARAMETER		13670-10	13670-11
Volatiles by GC/MS (8260)			
Chloromethane, ug/l		<10	---
Bromomethane (Methyl bromide), ug/l		<10	---
Vinyl chloride, ug/l		<10	---
Chloroethane, ug/l		<10	---
Methylene chloride (Dichloromethane), ug/l		<5.0	---
Acetone, ug/l		<50	---
Carbon disulfide, ug/l		<5.0	---
1,1-Dichloroethene, ug/l		<5.0	120 %
1,1-Dichloroethane, ug/l		<5.0	---
cis-1,2-Dichloroethene, ug/l		<5.0	---
trans-1,2-Dichloroethene, ug/l		<5.0	---
Chloroform, ug/l		<5.0	---
1,2-Dichloroethane, ug/l		<5.0	---
2-Butanone (MEK), ug/l		<25	---
1,1,1-Trichloroethane, ug/l		<5.0	---
Carbon tetrachloride, ug/l		<5.0	---
Vinyl acetate, ug/l		<10	---
Bromodichloromethane, ug/l		<5.0	---
1,1,2,2-Tetrachloroethane, ug/l		<5.0	---
1,2-Dichloropropane, ug/l		<5.0	---
trans-1,3-Dichloropropene, ug/l		<5.0	---

LOG NO: S1-13670
 Received: 12 JUN 01
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Mr. Ed Shaw
 ESCM
 P.O. Box 387
 Monroe, UT 84754

Client PO. No.: EAS061101

Project: Printpack/San Leandro, CA
 Sampled By: Client
 Code: 160810620
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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED	
13670-10	Method Blank		
13670-11	Lab Control Standard % Recovery		
PARAMETER		13670-10	13670-11
Trichloroethene, ug/l		<5.0	102 %
Dibromochloromethane, ug/l		<5.0	---
1,1,2-Trichloroethane, ug/l		<5.0	---
Benzene, ug/l		<5.0	114 %
cis-1,3-Dichloropropene, ug/l		<5.0	---
2-Chloroethylvinyl ether, ug/l		<50	---
Bromoform, ug/l		<5.0	---
2-Hexanone, ug/l		<25	---
4-Methyl-2-pentanone (MIBK), ug/l		<25	---
Tetrachloroethene, ug/l		<5.0	---
Toluene, ug/l		<5.0	106 %
Chlorobenzene, ug/l		<5.0	104 %
Ethylbenzene, ug/l		<5.0	---
Styrene, ug/l		<5.0	---
Xylenes, Total, ug/l		<10	---
Surrogate - Toluene-d8		102 %	100 %
Surrogate - 4-Bromofluorobenzene		98 %	94 %
Surrogate - Dibromofluoromethane		88 %	84 %
Dilution Factor		1	1
Analysis Date		06.14.01	06.14.01
Batch ID		100614	100614

STL Savannah

LOG NO: S1-13670
Received: 12 JUN 01
Reported: 20 JUN 01

Mr. Ed Shaw
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P.O. Box 387
Monroe, UT 84754

Client PO. No.: EAS061101

Project: Printpack/San Leandro, CA
Sampled By: Client
Code: 160810620
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REPORT OF RESULTS

LOG NO	SAMPLE DESCRIPTION , QC REPORT FOR LIQUID SAMPLES	DATE/ TIME SAMPLED
13670-10	Method Blank	
13670-11	Lab Control Standard & Recovery	
PARAMETER		13670-10 13670-11

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.
SW-846, Test Methods for Evaluating Solid Waste, Third Edition, September 1986, and Updates I, II, IIA, IIB, and III.

Gloria D. Fulwood
Gloria D. Fulwood, Project Manager

**SEVERN
TRENT
SERVICES**

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD
STL Savannah

STL Savannah
5102 LaRoche Avenue
Savannah, GA 31404

Website: www.stl-inc.com
Phone: (912) 354-7858
Fax: (912) 352-0165

Alternate Laboratory Name/Location

Phone:
Fax:

PROJECT REFERENCE PRINTPACK-SL	PROJECT NO.	PROJECT LOCATION (STATE) CA	MATRIX TYPE	REQUIRED ANALYSIS	PAGE 1	OF 1
STL (LAB) PROJECT MANAGER	P.O. NUMBER EA5061101	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...) 8260 Chlorinated Solvents (TCE, PCE, VC) etc.	PRESERVATIVE	STANDARD REPORT DELIVERY <input checked="" type="checkbox"/>	DATE DUE
CLIENT (SITE) PM ESCM/PRINTPACK	CLIENT PHONE	CLIENT FAX			EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="checkbox"/>	DATE DUE
CLIENT NAME ESCM	CLIENT E-MAIL theshaw@atgglobal.com				NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	
CLIENT ADDRESS P.O. Box 387 MONROE, UT 84754	COMPANY CONTRACTING THIS WORK (if applicable)					

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS
DATE	TIME							1	2	3	4	5	6	7	8	9	10	
06/11/01	0800	MW-10		X			X											
	0815	MW-6		X			X											
	0840	MW-8		X			X											
	0855	MW-7		X			X											
	0915	TW-1		X			X											
	0930	TW-3		X			X											
	0950	TW-2		X			X											
	1005	Equip BLANK * Trip Blank		X			X											

RELINQUISHED BY: (SIGNATURE) <i>Swafford</i>	DATE 5/25/01	TIME 4:20	RELINQUISHED BY: (SIGNATURE) <i>W. F. ...</i>	DATE 6/11/01	TIME 10:30 AM	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>C. Kangas</i>	DATE 6/12/01	TIME 9:25	CUSTODY INTACT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	CUSTODY SEAL NO.	STL SAVANNAH LOG NO. SI-13670	LABORATORY REMARKS * Received trip blank - not listed on COC. Analyze per 4d show 6-12-01. G. Fulmer
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