2007 ANNUAL REPORT

Prepared For:
Jamestown Allenco Facility
65 Dow Street
Falconer, New York
(Former Dowcraft South Dow Street Site)
NYSDEC Site #907020

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1.0 INTRODUCTION

The former Dowcraft Corporation facility in Falconer, New York has been demolished and the property sold to Jamestown Container Corporation. Jamestown Allenco, Inc, (a successor of the Dowcraft Corporation) has retained the responsibility of completing the remedial work at the Site. The remedial work consists of efforts to minimize the impact of trichloroethylene (TCE) which was released on the Site as a result of a degreaser unit. Some of the TCE has degraded into TCE breakdown components including cis-1,2-dichloroethene and vinyl chloride. The groundwater beneath the Site has been impacted by the TCE (and the breakdown components) at concentrations that exceed the New York State Department of Environmental Conservation criteria.

Interim Remedial Measures were initiated in the 1990s using pump and treat technologies to address the impacted groundwater. These measures were later replaced with an in-situ chemical oxidation remedy that was also initially implemented as an Interim Remedial Measure and subsequently accepted in the March 2003 Record of Decision as the Final Remedial Measure.

This document presents the second annual report presenting the 2007 results of the operation of the approved Final Remedial Measure as specified in the "Remedial Design/Remedial Action Work Plan and Operation, Maintenance, and Monitoring Work Plan" developed by CRA in November 2005.

2.0 SITE BACKGROUND

The former Dowcraft property, now owned by Jamestown Container Corporation, is located at 65 South Dow Street, Falconer, New York. The location of the Site is shown on Figure 2.1. The former Dowcraft property covered approximately 2.2 acres.

The property is bounded to the north and east by the Jamestown Container Corporation property and to the south by property owned by Norfolk Southern Railroad. South Dow Street is directly west of the property. The Site's monitoring program includes the Chadakoin River which borders the Jamestown Container Corporation property on the north. A Site plan is shown on Figure 2.2.

The release of TCE from the former vapor degreaser is the source of the chemicals found in the groundwater beneath the Site. Groundwater is found at a depth of approximately 10 feet below the ground level and flows in a northerly direction and discharges into the Chadakoin River. The soil through which the groundwater flows beneath the Site is primarily a sand and gravel unit that contains some silt.

The Chemicals of Concern that have been identified for the Site are:

Trichloroethylene	(TCE)
Cis-1,2-Dichloroethene	(cis-1,2-DCE)
Vinyl Chloride	(VC)

The remediation goals selected for this Site are:

- Treat the source area of groundwater contamination by oxidation of the contaminants, in place;
- Prevent exposure of human receptors to contaminated groundwater in the sand and gravel unit under the Site; and
- Prevent or mitigate, to the maximum extent practicable, Chemicals of Concern migration via groundwater so that releases from the underlying sand and gravel unit to the Chadakoin River, do not exceed applicable Standards, Criteria, and Guidance Values.

3.0 2007 OPERATION, MAINTENANCE, AND MONITORING WORK

The work performed for the Site in 2007 consisted of the following:

- In February 2007, the first annual report detailing the site activities that were conducted in the latter portion of 2005 and through 2006 was submitted to the NYSDEC. The activities were performed in accordance with the plan specified in the document entitled "Remedial Design / Remedial Action Work Plan and Operation, Maintenance, and Monitoring Work Plan" – November 2005.
- In September 2007, a round of groundwater samples were collected from select wells.
- In December 2007, a second round of groundwater samples were collected from select wells.

The following sections of this report provide further information on these activities.

3.1 GROUNDWATER CHEMICAL MONITORING

Two rounds of groundwater samples were collected during this reporting period. Each sampling round included the collection of samples from 11 groundwater monitoring wells and a surface water sample from the Chadakoin River. The first round was conducted in September 2007 and the second round in December 2007. The results from these two sampling rounds are to be used to provide information on:

- The progress of the remedial efforts; and
- Whether there is a need for any additional injections of potassium permanganate.

Each water sample collected was analyzed for the complete set of Volatile Organic Compounds using USEPA method number 8260B at the H2M Laboratories in Melville, New York (a NYSDOH approved facility). The analytical data from each set of samples were validated as per the Quality Assurance Project Plan. The validation reports are presented in Appendix A and a summary of the analytical data are presented in Table 1. The validation reports show that the data collected were acceptable for their intended purpose.

In addition to the analyses performed in the laboratory, measurements of certain water quality parameters are taken in the field at the time the samples are collected. These parameters include pH, specific conductance, temperature, turbidity, dissolved oxygen,

oxidation reduction potential, total iron, and ferrous iron. The results of these field measurements are presented in Table 2.

The data from both rounds of samples show that there has again been some rebound of the chemical concentrations in the central core area where the source has historically resided. This central core area encompasses the area in the vicinity of wells PW-2 and PW-3R. Figures 3.1, 3.2, and 3.3 provide an areal depiction of the concentrations of the three main Chemicals of Concern; trichloroethylene (TCE), cis-1,2-dichloroethylene (cis-DCE), and vinyl chloride (VC). Concentrations from the 2005 and 2006 sampling rounds have also been included on these figures to provide comparative results.

For TCE, the rebound in the central core area was considerable but did not return to the concentrations exhibited in 2005 just prior to the last injection of potassium permanganate. For example the TCE concentrations in PW-2 rebounded to 1,700 ppb from the 2005 concentration of 4,000 ppb. Similarly, in PW-3R, the TCE concentration rebounded to 120,000 ppb from the pre-injection 2005 concentration of 190,000 ppb. Both of these rebound concentrations peaked in the September 2007 sampling round and had declined to 1,500 ppb and 79,000 ppb in PW-2 and PW-3R respectively by December 2007.

TCE concentrations also rose in some of the wells adjacent to the Chadakoin River. None the less, the measured concentration of TCE in the surface water of the Chadakoin River remained at non-detect levels, as expected. As discussed at the October 14, 2005 meeting with the NYSDEC, the chemical loading associated with the groundwater discharge into the Chadakoin River is on the order of 0.1 pounds per year. Given the dilution that occurs in the Chadakoin River due to the average flow of 361 cubic feet / second, the concentration of any chemical discharge from the groundwater entering the Chadakoin River will be less than 1 ppt. Adding to this the short half-life of these volatile compounds in flowing surface water and the concentrations quickly approach zero. Consequently, there has never been nor will there ever be an adverse impact as a result of the discharge of Site chemicals into the Chadakoin River.

Similar to what was exhibited for the TCE concentrations, a rebound of the cis-DCE concentrations also occurred as evidenced by the groundwater data at wells PW-2 and PW-3R. In both cases, the September 2007 concentrations were also higher than the December 2007 concentrations. In general, one would expect the concentrations of cis-DCE to continue to increase over time as long as elevated TCE concentrations exist. The reason for this is that cis-DCE is a breakdown degradation product of TCE and natural biodegradation processes will continue to degrade the TCE into its daughter

compounds. This natural attenuation phenomenon is also an active component of the remedy of the Site.

The cis-DCE concentrations also rose in the wells located closest to the Chadakoin River. Again, due to the low chemical presence in the groundwater and the slow rate of groundwater flow, there never has been and there never will be an adverse impact on the Chadakoin River as a result of any groundwater discharge from the Site.

With regard to the vinyl chloride concentrations, there are only six wells in which vinyl chloride has been detected in the past three years. Again, vinyl chloride is a breakdown compound of TCE so as time goes on, more vinyl chloride is expected to be produced due to the natural attenuation process. This demonstrates that degradation of the TCE is continuing to occur and is occurring at a significant rate. Thus, natural attenuation is a significant and valuable part of the remedy of the Site groundwater.

3.2 GROUNDWATER HYDRAULIC MONITORING

In conjunction with each sampling round, a complete set of groundwater elevations were taken from all available wells. The groundwater elevation information from these sampling events is presented in Table 3 and illustrated in Figure 3.4. The groundwater elevation data show that the gradient is still to the north toward the Chadakoin River. This flow pattern is consistent with all previous rounds of groundwater level measurements.

3.3 POTASSIUM PERMANGANATE INJECTIONS

There have been four rounds of potassium permanganate injections at the Site. The injections occurred as follows:

May 2000	5,300 lbs.
November 2000	6,600 lbs.
June 2001	6,600 lbs.
November 2005 – July 2006	3,000 lbs
	21,500 lbs.

Thus, to date, 21,500 pounds of potassium permanganate has been injected into the groundwater at the Site.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based upon the sampling performed during this reporting period, the following conclusions have been formulated:

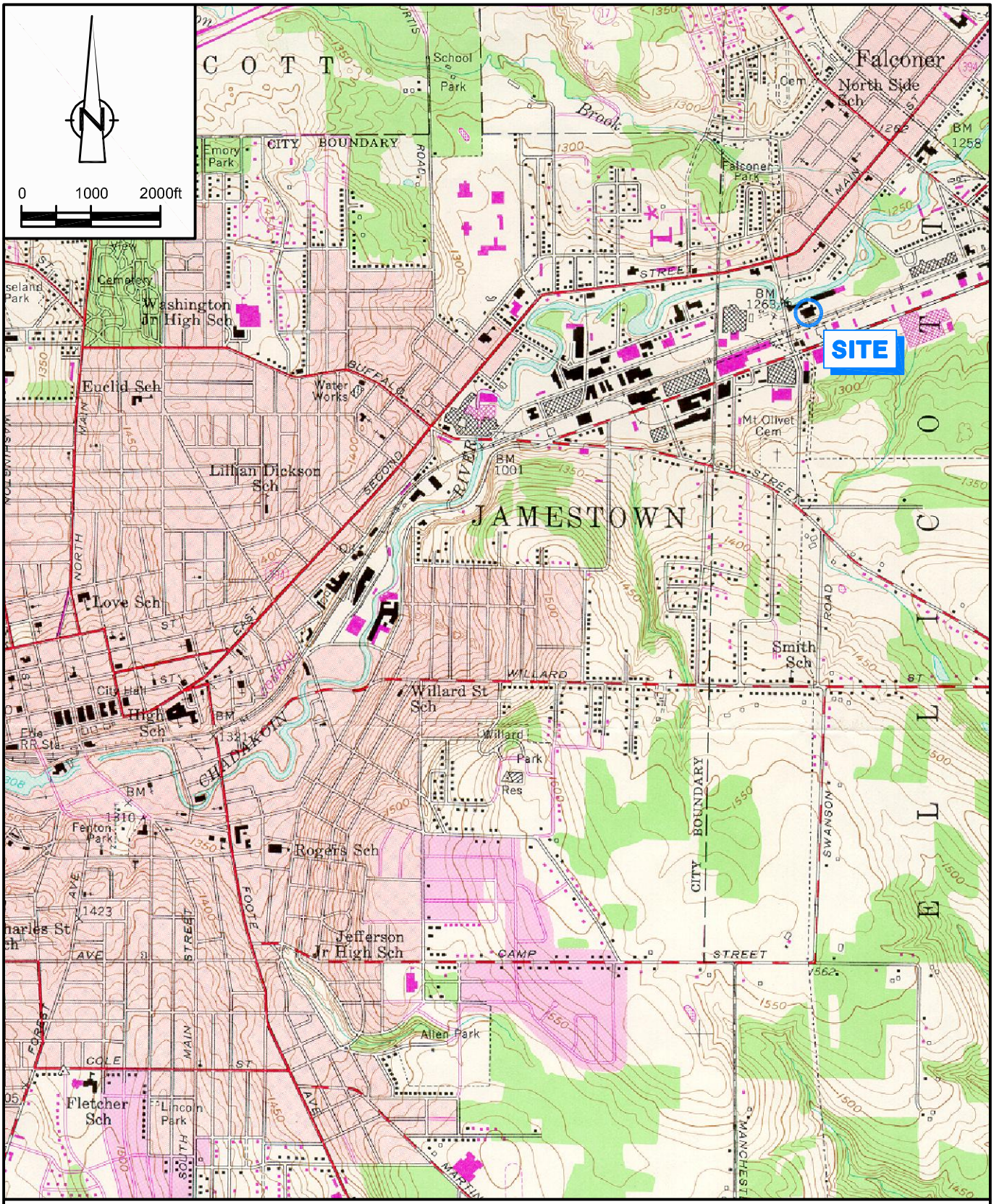
- The sampling of the Chadakoin River continues to demonstrate that there is no impact of the Site groundwater conditions on the surface water quality in the river.
- The groundwater flow configuration beneath the Site is stable and remains consistent with historically identified trends. The groundwater flow is to the north and discharges into the Chadakoin River.
- The injections of potassium permanganate have successfully destroyed a considerable amount of TCE and its breakdown compounds, particularly in the immediate vicinity of the former TCE degreaser unit.
- The concentrations of TCE and its breakdown compounds decreased at all of the monitoring locations following the injections, but some rebound has occurred.
- TCE continues to exist at three wells at concentrations that exceed 1,000 ppb.

Based upon these conclusions, it is recognized that another injection will be required. As required in Section 5.0 of Appendix A of the Work Plan, Jamestown Allenco and CRA are to make a recommendation on the next injection. Given the rebounds on the TCE concentrations that have been experienced in the central core area, it is recommended the next injection be switched from potassium permanganate to soy lactate. A soy lactate injection will create an anaerobic environment that is highly conducive to the biodegradation of TCE. This will stimulate the biodegradation of the TCE and provide a third mechanism aimed at eliminating the TCE in the source area (in conjunction with the natural attenuation and any remaining potassium permanganate that is still in the groundwater). The results of the soy lactate injections will be monitored in the two sampling events conducted in 2008.

One of the advantages of soy lactate injections is that once the anaerobic conditions are created in the chemical source area in the groundwater, the biodegradation of the TCE will become accelerated. As long as the groundwater stays in an anaerobic state, the accelerated biodegradation rate will continue. In most soy lactate remediation projects, the effects from the injections typically linger for about two years thus extending the effectiveness of the soy lactate injections.

For this Site, it is proposed that 1,000 pounds of soy lactate be injected. The soy lactate is diluted at a 10:1 ratio with potable water prior to injection. The proposed locations into which the soy lactate will be injected are as follows:

- PW-2 200 pounds
- PW-3R 700 pounds
- ESI-2 50 pounds
- ESI-6 50 pounds



SOURCE:

USGS JAMESTOWN, NEW YORK
QUADRANGLE, PHOTOREVISED 1979.

figure 2.1

SITE LOCATION MAP
FORMER DOWCRAFT CORPORATION
Falconer, New York

05020-00(013)GN-WA001 FEB 15/2008

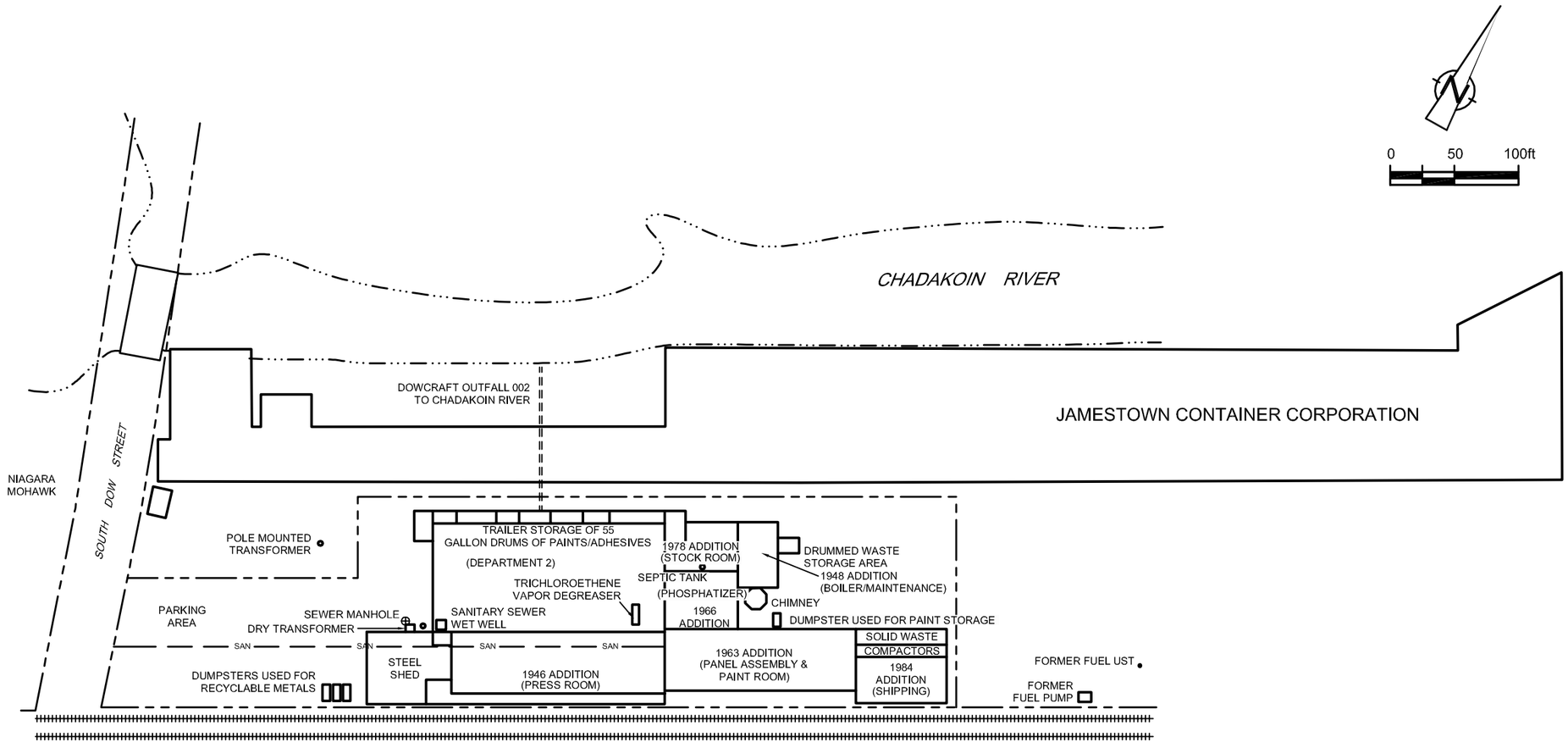


figure 2.2

SITE PLAN AND HISTORIC OPERATIONS
FORMER DOWCRAFT CORPORATION
Falconer, New York

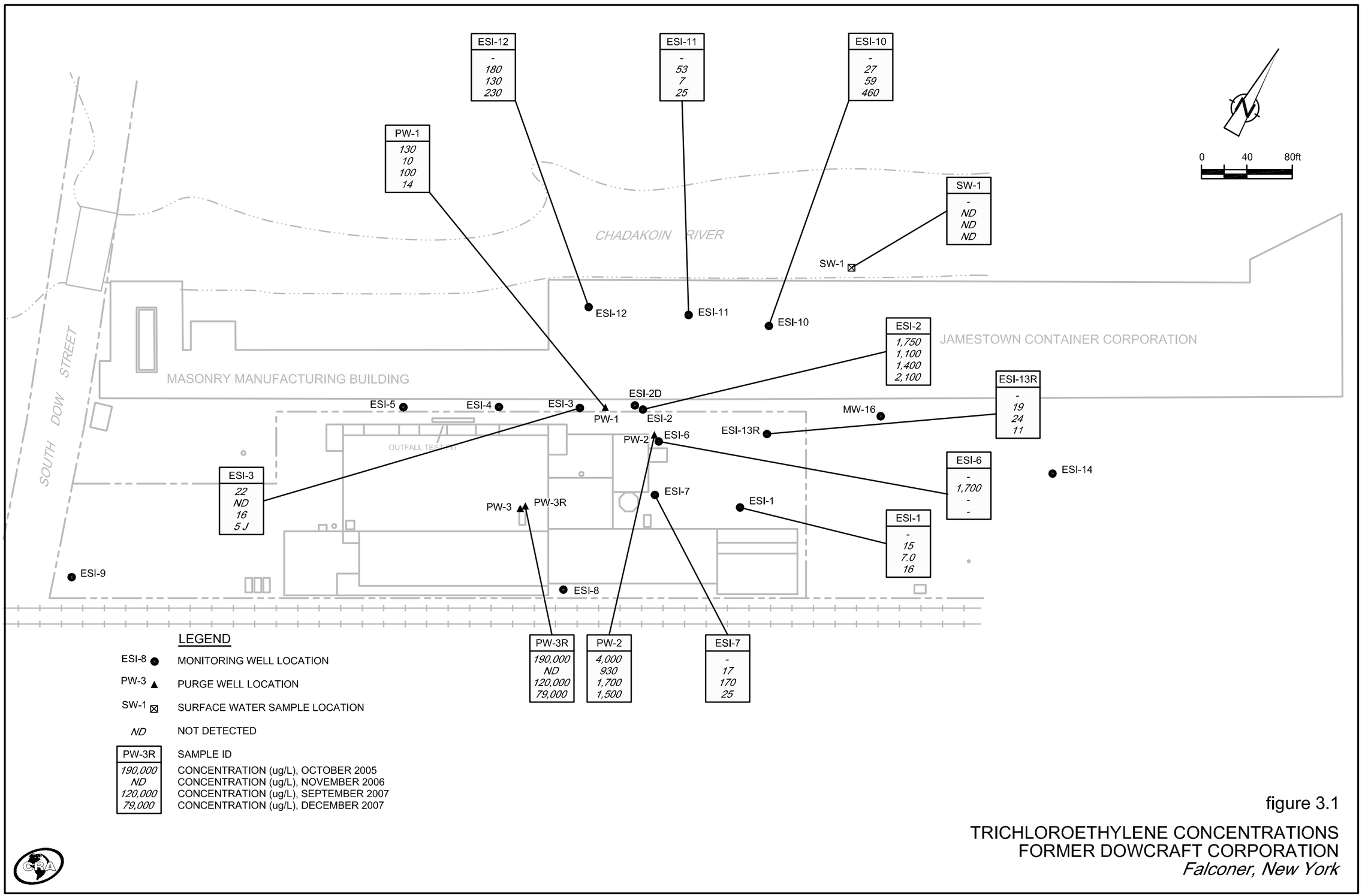


figure 3.1

TRICHLOROETHYLENE CONCENTRATIONS
FORMER DOWCRAFT CORPORATION
Falconer, New York

05020-00(013)GN-WA003 FEB 20/2008

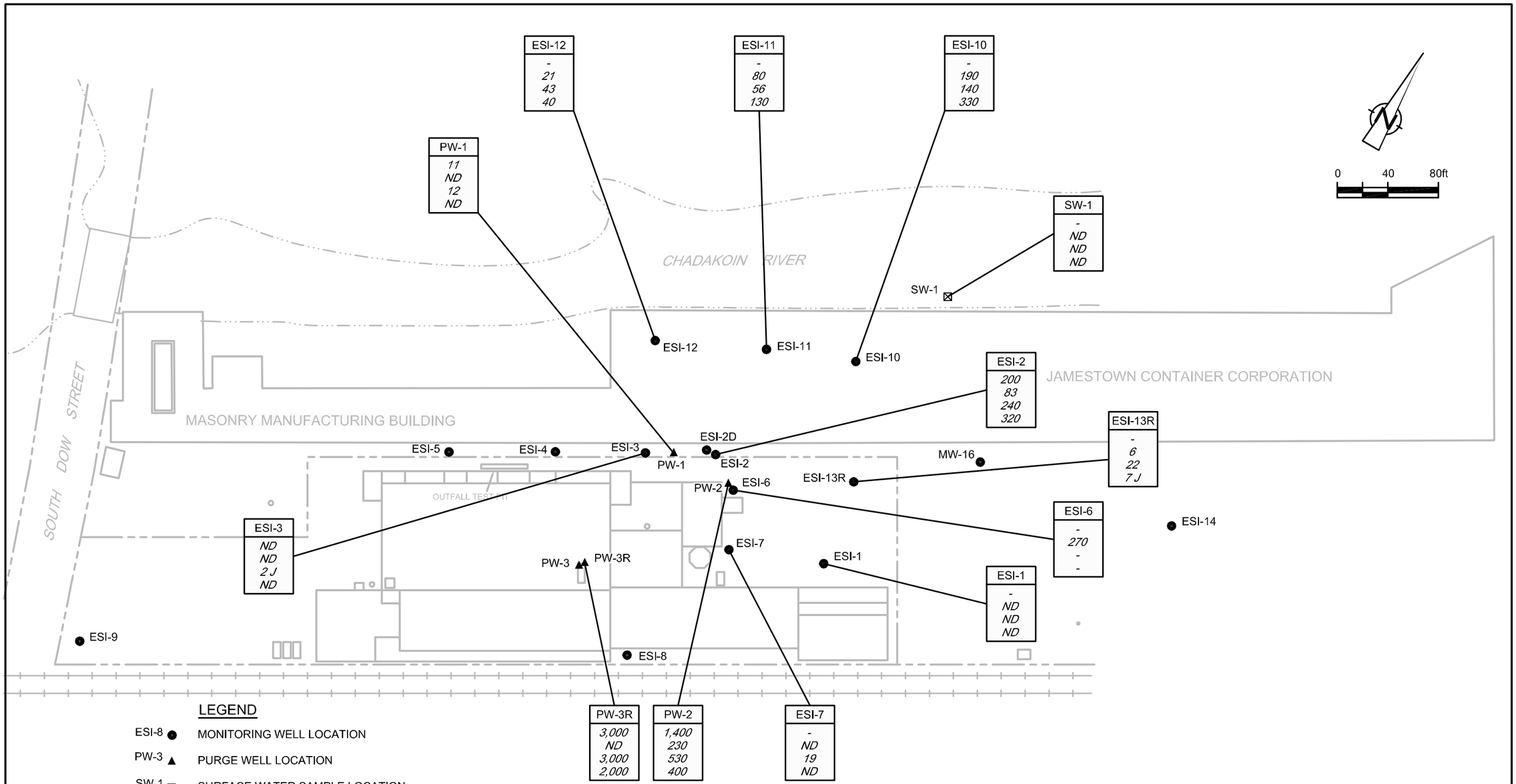


figure 3.2

cis-1,2-DICHLOROETHENE CONCENTRATIONS
FORMER DOWCRAFT CORPORATION
Falconer, New York

05020-00(013)GN-WA004 FEB 20/2008

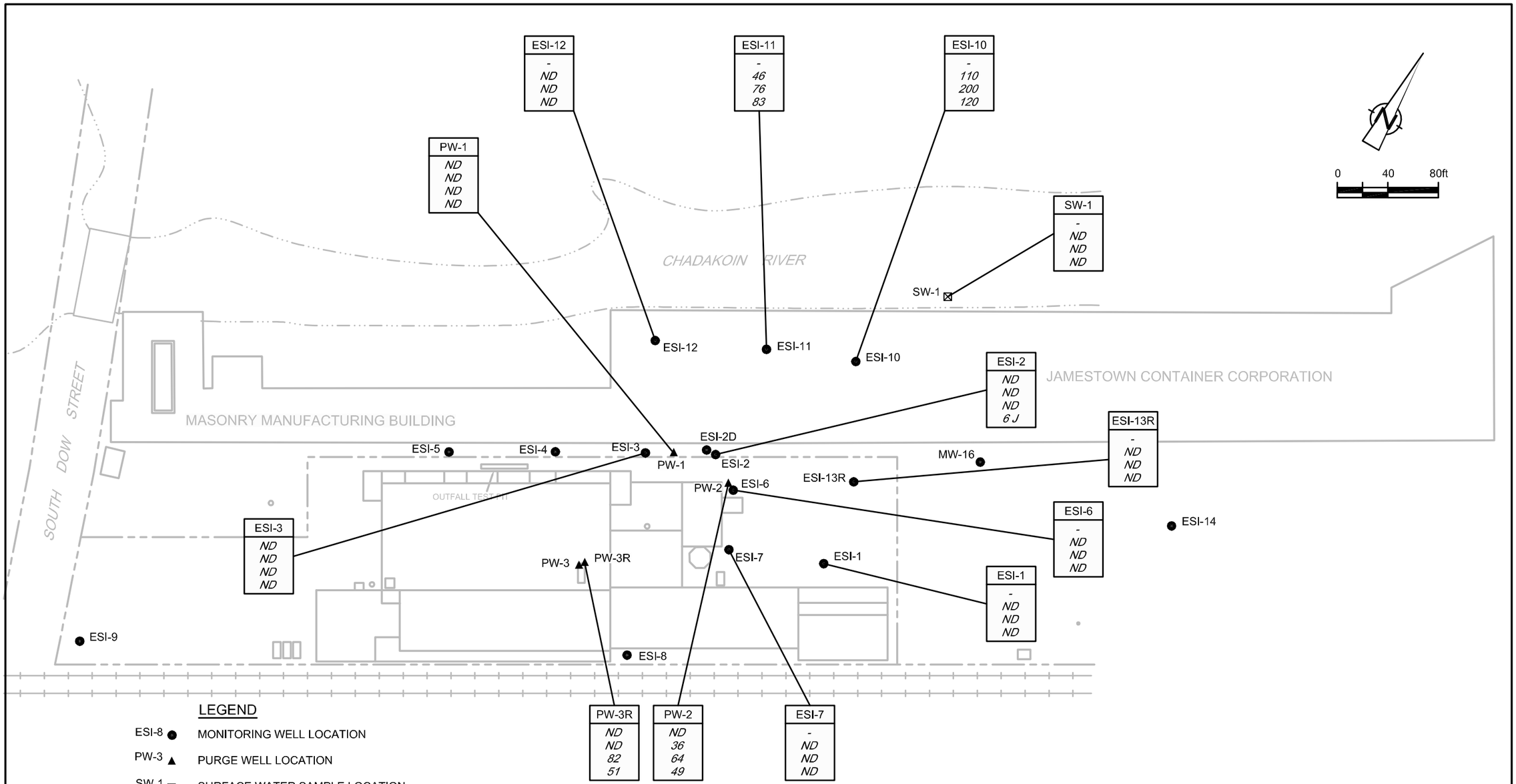
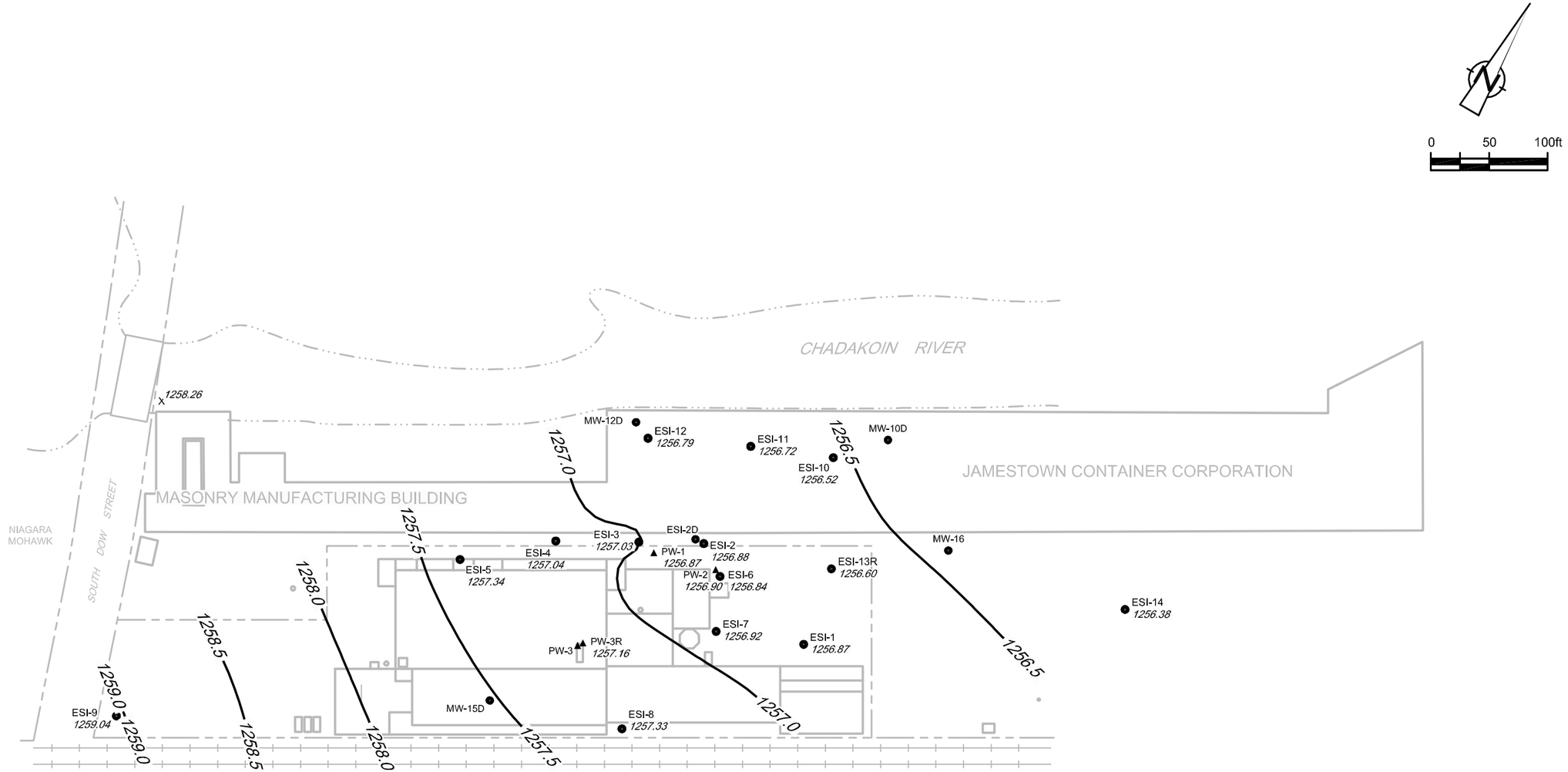


figure 3.3

VINYL CHLORIDE CONCENTRATIONS
FORMER DOWCRAFT CORPORATION
Falconer, New York

05020-00(013)GN-WA005 FEB 20/2008



LEGEND

- ESI-8 ● MONITORING WELL
- PW-3 ▲ PURGE WELL
- *(1255.93)* WATER LEVEL ELEVATION (ft AMSL) DECEMBER 2007
- ——— POTENTIOMETRIC SURFACE CONTOUR DECEMBER 2007

figure 3.4

GROUNDWATER ELEVATION 2007
DOWCRAFT CORPORATION
Falconer, New York

TABLE 1

GROUNDWATER ELEVATIONS
FORMER DOWCRAFT SITE
JAMESTOWN, NEW YORK

Well	*Top of Casing Elevation (Ft. AMSL)*	*Depth to Water October 25, 2005 (Ft. BTOC)*	*Water Elevation October 25, 2005 (Ft. AMSL)*	*Depth to Water 28-Nov-06 (Ft. BTOC)*	*Water Elevation 28-Nov-06 (Ft. AMSL)*	*Depth to Water 13-Sep-07 (Ft. BTOC)*	*Water Elevation 13-Sep-07 (Ft. AMSL)*	*Depth to Water 11-Dec-07 (Ft. BTOC)*	*Water Elevation 11-Dec-07 (Ft. AMSL)*
ESI-1	1264.17	8.93	1255.24	7.71	1256.46	9.65	1254.52	7.30	1256.87
ESI-2	1264.60	9.15	1255.45	8.04	1256.56	9.98	1254.62	7.72	1256.88
ESI-2D	1264.53	9.10	1255.43	NM		NM			
ESI-3	1264.89	9.42	1255.47	8.17	1256.72	9.95	1254.94	7.86	1257.03
ESI-4	1265.06	9.61	1255.45	8.29	1256.77	10.15	1254.91	8.02	1257.04
ESI-5	1264.80	8.84	1255.96	7.7	1257.1	9.34	1255.46	7.46	1257.34
ESI-6	1264.66	9.37	1255.29	8.12	1256.54	9.93	1254.73	7.82	1256.84
ESI-7	1264.93	CNL		8.31	1256.62	10.13	1254.8	8.01	1256.92
ESI-8	1268.25	12.32	1255.93	11.25	1257	12.88	1255.37	10.92	1257.33
ESI-9	1265.99	8.01	1257.98	7.13	1258.86	8.06	1257.93	6.95	1259.04
ESI-10	1265.08	10.07	1255.01	8.82	1256.26	10.86	1254.22	8.56	1256.52
MW/ESI-10D	1265.17	10.12	1255.05	NM		NM			
ESI-11	1265.09	9.98	1255.11	8.75	1256.34	10.74	1254.35	8.37	1256.72
ESI-12	1264.95	9.70	1255.25	8.45	1256.5	10.48	1254.47	8.16	1256.79
MW/ESI-12D	1264.67	9.40	1255.27	NM		NM			
ESI-13				NM		NM			
ESI-13R	1263.31	8.32	1254.99	6.99	1256.32	8.98	1254.33	6.71	1256.6
ESI-14	1262.58	7.60	1254.98	6.48	1256.1	8.21	1254.37	6.20	1256.38
MW/ESI-15	1265.31	CNL		NM		NM			
MW/ESI-16	1263.40	8.51	1254.89	NM		NM			
PW-1	1264.60	9.31	1255.29	8.02	1256.58	9.9	1254.7	7.73	1256.87
PW-2	1264.70	9.41	1255.29	8.13	1256.57	9.98	1254.72	7.8	1256.9
PW-3R	1265.04	9.00	1256.04	8.08	1256.96	9.9	1255.14	7.88	1257.16
IBH-1	1264.98	CNL		NM		NM			
IBH-2	1265.00	9.43	1255.57	NM		NM			
IBH-3	1265.14	CNL		NM		NM			
IBH-4	1265.07	CNL		NM		NM			
IBH-5	1265.13	CNL		NM		NM			
RIVER BM	1264.92	7.18	1257.74	6.25	1258.67	7.85	1257.07	6.1	1258.82
River - USGS	1256.41			2.42	1258.83	0.63	1257.04	2.61	1259.02
River below dam		Estimatetop of dam at 1257 +/-				1.1	1255.94	0.66	1258.26

Notes:

Ft. AMSL	Feet Above Mean Sea Level.
Ft. BTOC	Feet Below Top of Casing.
NA	Not Applicable.
NM	Not Measured.
CNL	Cannot Locate Well
Bridge benchmark -	385.446 meter = 1,264.59 feet
USGS River Staff Gage Datum	1256.41 NAD29
Bridge benchmark by USGS	1264.92 NAD29
Link to USGS	http://waterdata.usgs.gov/nwis/uv?03014500

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
SEPTEMBER 2007

Sample Location:		*ESI-1*	*ESI-2*	*ESI-3*	*ESI-3*	*ESI-7*	*ESI-10*	*ESI-11*
Sample Date:		*10/17/07*	*9/14/2007*	*9/14/2007*	*9/14/2007*	*9/13/2007*	*9/14/2007*	*9/14/2007*
Sample ID:		*WG-5020-1007-KL-01*	*WG-5020-0907-KL-008/009/010*	*WG-5020-0907-KL-006*	*WG-5020-0907-KL-007 duplicate*	*WG-5020-0907-KL-004*	*WG-5020-0907-KL-012*	*WG-5020-0907-KL-013*
Parameters	*Units*							
Volatile Organic Compounds								
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	T	10 UJ	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	10 U	240	2 J	2 J	19	140	56
cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane (CFC-12)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl acetate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Tert Butyl Ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	10 U	3 J	10 U	10 U	10 U	10 U	10 U
Toluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	ug/L	10 U	2 J	10 U	10 U	10 U	1 J	10 U
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
SEPTEMBER 2007

	Sample Location:	*ESI-1*	*ESI-2*	*ESI-3*	*ESI-3*	*ESI-7*	*ESI-10*	*ESI-11*
	Sample Date:	*10/17/07*	*9/14/2007*	*9/14/2007*	*9/14/2007*	*9/13/2007*	*9/14/2007*	*9/14/2007*
	Sample ID:	*WG-5020-1007-KL-01*	*WG-5020-0907-KL-008/009/010*	*WG-5020-0907-KL-006*	*WG-5020-0907-KL-007 duplicate*	*WG-5020-0907-KL-004*	*WG-5020-0907-KL-012*	*WG-5020-0907-KL-013*
Parameters	*Units*							
Volatile Organic Compounds								
Trichloroethene	ug/L	7 J	1400	16	16	170	59	7 J
Trichlorofluoromethane (CFC-11)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trifluorotrichloroethane (Freon 113)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	10 U	10 U	10 U	10 U	10 U	200	76
Xylene (total)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:
J Estimated.
U Not detected.
UJ Not detected, estimated reporting limit.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
SEPTEMBER 2007

Sample Location:	*ESI-12*	*ESI-13R*	*PW-1*	*PW-2*	*PW-3R*	*River*
Sample Date:	*9/14/2007*	*9/13/2007*	*9/13/2007*	*9/13/2007*	*9/14/2007*	*9/14/2007*
Sample ID:	*WG-5020-0907-KL-011*	*WG-5020-0907-KL-005*	*WG-5020-0907-KL-001*	*WG-5020-0907-KL-002*	*WG-5020-0907-KL-014*	*WS-5020-0907-KL-015*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	3 J	10 U
1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	7 J	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	15	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	ug/L	10 U	10 U	10 U	10 U	7 J	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	10 U	10 U	10 U	10 U	57	10 U
Benzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	ug/L	10 U	10 U	10 U	10 U	4 J	10 U
Carbon tetrachloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L	10 U	10 U	10 U	10 U	2 J	10 U
Chloromethane (Methyl Chloride)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	43	22	12	530	3000 J	10 U
cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane (CFC-12)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Methyl acetate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Tert Butyl Ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	10 U	10 U	10 U	5 J	33	10 U
Toluene	ug/L	10 U	10 U	10 U	10 U	8 J	10 U
trans-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	5 J	35	10 U
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
SEPTEMBER 2007

Sample Location:	*ESI-12*	*ESI-13R*	*PW-1*	*PW-2*	*PW-3R*	*River*
Sample Date:	*9/14/2007*	*9/13/2007*	*9/13/2007*	*9/13/2007*	*9/14/2007*	*9/14/2007*
Sample ID:	*WG-5020-0907-KL-011*	*WG-5020-0907-KL-005*	*WG-5020-0907-KL-001*	*WG-5020-0907-KL-002*	*WG-5020-0907-KL-014*	*WS-5020-0907-KL-015*
Parameters	***Units***					
Volatile Organic Compounds						
Trichloroethene	ug/L	130	24	100	1700	120000	10 U
Trichlorofluoromethane (CFC-11)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Trifluorotrichloroethane (Freon 113)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	10 U	10 U	10 U	64	82	10 U
Xylene (total)	ug/L	10 U	10 U	10 U	10 U	3 J	10 U

Notes:
J Estimated.
U Not detected.
UJ Not detected, estimated reporting limit.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
DECEMBER 2007

Location Name:		*ESI-1*	*ESI-2*	*ESI-2*	*ESI-3*	*ESI-7*	*ESI-10*	*ESI-11*	*ESI-12*
Sample ID:		*WG-5020-1207-KL-008*	*WG-5020-1207-KL-013*	*WG-5020-1207-KL-014*	*WG-5020-1207-KL-010*	*WG-5020-1207-KL-007*	*WG-5020-1207-KL-005*	*WG-5020-1207-KL-004*	*WG-5020-1207-KL-003*
Sample Date:		*12/12/2007*	*12/12/2007*	*12/12/2007*	*12/12/2007*	*12/12/2007*	*12/11/2007*	*12/11/2007*	*12/11/2007*
				Duplicate					
Parameters	***Units***								
Volitale Organic Compounds									
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	ug/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Carbon disulfide	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	ug/L	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	10 U	320	320	10 U	10 U	330	130	40
cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane (CFC-12)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl acetate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Tert Butyl Ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	10 U	4 J	4 J	10 U	10 U	10 U	10 U	10 U
Toluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	ug/L	10 U	22	17	10 U	10 U	12	10 U	10 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
DECEMBER 2007

Location Name:	*ESI-1*	*ESI-2*	*ESI-2*	*ESI-3*	*ESI-7*	*ESI-10*	*ESI-11*	*ESI-12*
Sample ID:	*WG-5020-1207-KL-008*	*WG-5020-1207-KL-013*	*WG-5020-1207-KL-014*	*WG-5020-1207-KL-010*	*WG-5020-1207-KL-007*	*WG-5020-1207-KL-005*	*WG-5020-1207-KL-004*	*WG-5020-1207-KL-003*
Sample Date:	*12/12/2007*	*12/12/2007*	*12/12/2007*	*12/12/2007*	*12/12/2007*	*12/11/2007*	*12/11/2007*	*12/11/2007*
			Duplicate					
Parameters	***Units***							
Volitale Organic Compounds								
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	ug/L	16	2100	1900	5 J	25	460	20	230
Trichlorofluoromethane (CFC-11)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trifluorotrichloroethane (Freon 113)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	10 U	6 J	5 J	10 UJ	10 UJ	120	83	10 U
Xylene (total)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:
J Estimated.
U Not detected.
UJ Not detected, estimated reporting limit.

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
DECEMBER 2007

Location Name:	*ESI-13R*	*PW-1*	*PW-2*	*PW-3R*	*River*
Sample ID:	*WG-5020-1207-KL-009*	*WG-5020-1207-KL-002*	*WG-5020-1207-KL-001*	*WG-5020-1207-KL-006*	*WS-5020-1207-KL-001*
Sample Date:	*12/12/2007*	*12/11/2007*	*12/11/2007*	*12/12/2007*	*12/12/2007*
Parameters	***Units***				
Volitale Organic Compounds					
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	1 J	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L	10 U	10 U	10 U	5 J	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	3 J	10 U	10 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	10 U	10 U	6 J	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	17	10 U	9 J	19	10 U
Benzene	ug/L	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	ug/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Carbon disulfide	ug/L	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	ug/L	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L	10 U	10 U	10 U	2 J	10 U
Chloromethane (Methyl Chloride)	ug/L	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	7 J	10 U	400	2000 J	10 U
cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane (CFC-12)	ug/L	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U
Methyl acetate	ug/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U
Methyl Tert Butyl Ether	ug/L	10 U	10 U	10 U	10 U	10 U
Methylene chloride	ug/L	10 U	10 U	10 U	10 U	10 U
Styrene	ug/L	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	10 U	10 U	4 J	40	10 U
Toluene	ug/L	10 U	10 U	10 U	8 J	10 U
trans-1,2-Dichloroethene	ug/L	10 U	10 U	3 J	23	10 U

TABLE 2

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
DECEMBER 2007

	Location Name:	*ESI-13R*	*PW-1*	*PW-2*	*PW-3R*	*River*
	Sample ID:	*WG-5020-1207-KL-009*	*WG-5020-1207-KL-002*	*WG-5020-1207-KL-001*	*WG-5020-1207-KL-006*	*WS-5020-1207-KL-001*
	Sample Date:	*12/12/2007*	*12/11/2007*	*12/11/2007*	*12/12/2007*	*12/12/2007*
Parameters	***Units***					
Volitale Organic Compounds						
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U
Trichloroethene	ug/L	11	14	1500	79000	10 U
Trichlorofluoromethane (CFC-11)	ug/L	10 U	10 U	10 U	10 U	10 U
Trifluorotrichloroethane (Freon 113)	ug/L	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	10 U	10 U	49	51	10 U
Xylene (total)	ug/L	10 U	10 U	10 U	3 J	10 U

Notes:
J Estimated.
U Not detected.
UJ Not detected, estimated reporting limit.

TABLE 3

FIELD PARAMETER SUMMARY
FORMER DOWCRAFT SITE
JAMESTOWN, NEW YORK

Well ID	*Date*	*Gallons*	*pH (s.u.)*	*Specific Conductance (mS/cm)*	*Temp. (°C)*	*Turbidity (NTU)*	*Dissolved Oxygen (mg/L)*	*Oxidation Reduction Potential (mV)*	*Total Iron (mg/L)*	*Ferrous Iron (mg/L)*	*Comments*
ESI-1	12/12/07	0-1	Pre-purge to clear sediment								cloudy, dk. Brown
Volume = 1.04 gal.		1	6.28	0.470	10.7	434	13*	212			cloudy, dk. Brown
		2	6.19	0.528	10.7	170	9.77	209			clearing
Purge: peristaltic pump		3	6.15	0.569	10.7	90	8.92	189			
existing tubing		4	6.13	0.623	10.8	42	8.1	160			clear, colorless
		5	6.13	0.660	10.9	8	7.97	151			clear, colorless
Sample: existing bailer			Samples collected						0.61	0.5	clear, colorless
ESI-2	12/12/07	0-1	Pre-purge to clear sediment								
Volume = 0.98 gal.		1	6.53	0.851	12.8	51	3.92	197			sl. cloudy, lt. Brown
		2	6.46	0.839	12.9	0	2.57	197			
Purge: peristaltic pump		3	6.44	0.834	12.9	0	2.47	197			clear, colorless
existing tubing		01/04/00	6.43	0.832	12.9	0	2.61	198			clear, colorless
Sample: existing bailer			Samples collected	Duplicate as 014					0.79	0.72	clear, colorless
ESI-3	12/12/07	0-1	Pre-purge to clear sediment								very cloudy, dark brown
Volume = 0.86 gal.		1	6.38	0.747	12.5	301	9.60	170			sl. cloudy, colorless
		2	6.38	0.733	12.5	102	9.20	152			
Purge: peristaltic pump		3	6.38	0.726	12.4	2	8.99	138			clear, colorless
existing tubing		4	6.38	0.740	12.4	0	9.05	129			clear, colorless
Sample: existing bailer			Samples collected	MS/MSD at this location					0.48	0.29	clear, colorless
ESI-7	12/12/07	0-1	Pre-purge to clear sediment								cloudy, brown
Volume = 0.88 gal.		1	6.45	0.645	12.5	0	9.37	229			clear, colorless
		2	6.50	0.638	12.5	0	9.07	231			
Purge: peristaltic pump		3	6.45	0.642	12.5	0	8.93	233			
Sample: existing bailer		4	6.41	0.639	12.5	0	8.87	235			clear, colorless
Sample: existing small diameter bailer			Samples collected						0.99	0.95	clear, colorless
			well casing broken 1 ft. bgs. and is offset about 1 inch								
ESI-10	12/11/07	1	6.20	0.705	14.7	31	3.09	70			clear, colorless
Volume = 0.90 gal.		2	6.19	0.703	14.7	30	1.78	71			
Purge: peristaltic pump		3	6.16	0.692	14.7	22	1.5	72			
existing tubing		4	6.11	0.690	14.7	14	0.98	69			
Sample: existing bailer			Samples collected						0.58	0.42	clear, colorless
ESI-11	12/11/07	1	6.44	0.716	15.0	67	4.25	21			clear, colorless
Volume = 1.06 gal.		2	6.41	0.706	14.9	32	1.84	10			
Purge: peristaltic pump		3	6.37	0.699	14.9	20	1.07	0			
existing tubing		4	6.30	0.700	14.9	17	0.89	-4			clear, colorless
Sample: existing bailer			Samples collected						3.68	3.03	clear, colorless

TABLE 3

FIELD PARAMETER SUMMARY
FORMER DOWCRAFT SITE
JAMESTOWN, NEW YORK

Well ID	*Date*	*Gallons*	*pH (s.u.)*	*Specific Conductance (mS/cm)*	*Temp. (°C)*	*Turbidity (NTU)*	*Dissolved Oxygen (mg/L)*	*Oxidation Reduction Potential (mV)*	*Total Iron (mg/L)*	*Ferrous Iron (mg/L)*	*Comments*
ESI-1	12/12/07	0-1	Pre-purge to clear sediment								cloudy, dk. Brown
ESI-12	12/11/07	1	6.86	0.702	15.1	125	5.72	221			sl. Cloudy. Lt. Brown
Volume = 1.0 gal.		2	6.80	0.711	15.2	39	5.78	222			clearing
Purge: peristaltic pump		3	6.85	0.716	15.2	35	5.25	224			
existing tubing		4	6.90	0.715	15.2	26	4.78	227			clear, colorless
Sample: existing bailer			Samples collected						0.65	0.36	clear, colorless
ESI-13R	12/12/07	0-1	Pre-purge to clear sediment								cloudy, brown-gray
Volume = 1.25 gal.		1	6.42	0.442	10.3	92	4.6	243			sl. Cloudy, lt. Brown
Purge: peristaltic pump		2	6.35	0.457	10.3	80	4.31	240			
existing tubing		3	6.28	0.495	10.2	0	3.52	239			clear, colorless
		4	6.25	0.503	10.2	0	1.13	232			clear, colorless
Sample: existing bailer			Samples collected						0.16	0.09	clear, colorless
PW-1	12/11/07	5	6.28	0.842	12.5	395	6.73	208			cloudy, brown
Volume = 21.9 gal.		10	6.30	0.836	12.5	296	6.34	176			sl. Cloudy, lt. Brown
		15	6.25	0.818	12.4	158	6.1	169			clearing
Purge: whale pump		20	6.23	0.813	12.5	92	5.76	164			
low rate		25	6.20	0.830	12.4	70	5.69	162			
existing tubing		30	6.23	0.822	12.5	57	5.31	163			clear, trace seds.
Sample: existing bailer			Samples collected						0.58	0.26	clear, lt. Yellow color
PW-2	12/11/07	10	6.72	0.738	12.0	289	4.09	379			sl. cloudy, brown
Volume = 21 gal.		20	6.77	0.751	11.9	233	3.54	350			
		30	6.79	0.817	12.4	154	1.9	359			clearing
Purge: whale pump		40	6.80	0.830	12.5	149	1.4	327			
low rate		50	6.82	0.854	12.6	154	0.92	329			
existing tubing		60	6.86	0.862	12.6	86	0.65	328			clear, colorless
		70	6.88	0.867	12.7	71	0.6	326			clear, colorless
Sample: existing bailer			Samples collected						0.85	0.61	sl. cloudy, lt. Brown
PW-3R	12/12/07	5	7.84	0.732	12.0	159	1.03	221			cloudy, light brown
Volume = 42.75 gal.		10	7.80	0.718	12.2	78	0.77	202			
		15	7.76	0.732	12.2	66	0.66	192			clearing
Purge: Whale pump		20	7.76	0.725	12.2	40	0.55	185			
low rate		25	7.76	0.715	12.2	29	0.36	183			clearing
existing tubing		30	7.75	0.706	12.2	18	0.25	181			
		40	7.80	0.692	12.2	9	0.09	177			clear, colorless
		50	7.79	0.686	12.2	0	0	174			clear, colorless
		60	7.77	0.682	12.2	0	0	171			clear, colorless
		65	7.73	0.680	12.2	0	0	168			clear, colorless
		70	7.70	0.675	12.2	0	0	162			clear, colorless
Sample: bailer-existing			samples collected						1.15	0.74	clear, colorless
Chadakoin Creek	12/12/07		7.12	0.234	1.4	0	11.04	302	0.5	0.18	clear, colorless
			collected directly into sample containers								Water depth +/- 1.0 feet where collected
											Creek high and fast

Notes:
mV Millivolts
mS/cm. Milliseimens per centimeter
s.u. Standard Unit.
mg/L Milligrams/Liter.

APPENDIX A

QA/QC REVIEWS 2007

CONESTOGA-ROVERS & ASSOCIATES

2055 Niagara Falls Blvd., Suite #3
Niagara Falls, New York 14304
Telephone: (716) 297-6150 Fax: (716) 297-2265
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MEMORANDUM

TO: Jim Kay

REF. NO.: 005020

FROM: Susan Scrocchi/jbh/16

DATE: February 4, 2008
Revised: February 15, 2008
E-Mail and Hard Copy if Requested

RE: Analytical Results and QA/QC Review
Groundwater Monitoring Program
Dowcraft Corporation
Jamestown, New York
December 2007

INTRODUCTION

Thirteen (13) water samples, including one field duplicate, were collected at the Dowcraft Site (Site) in Jamestown, New York, during December 2007. Samples were submitted to H2M Laboratories, Inc. (H2M) in Melville, New York. A sample key is presented in Table 1 and the analytical parameter list, methodologies, and holding time criteria are presented in Table 2. The analytical results are summarized in Table 3. A copy of the Chain of Custody forms is attached.

The final results and supporting quality assurance/quality control (QA/QC) data were reviewed. Evaluation of the data was based on information obtained from the Chain of Custody forms, finished report forms, blank data, and recovery data from matrix and surrogate spikes. The QA/QC criteria by which the data have been assessed are outlined in the analytical method and the document "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999.

QA/QC REVIEW

All samples were prepared and analyzed within the method-required holding times. All samples were properly preserved and maintained at 4°C (±2°C).

Method blanks were analyzed with the investigative samples for all parameters. All method blanks were non-detect for the compounds of interest.

All samples, blanks, and QC samples were spiked with surrogate compounds prior to sample analysis in accordance with the organic method. All surrogate spike recoveries met the associated method criteria indicating adequate analytical efficiency.

Trip blanks were collected and transported with the investigative samples for analysis as shown in Table 1. All trip blank results were non-detect indicating that compounds of interest were not introduced to the sample during collection, transportation, storage and/or analysis.

Blank spikes (BS) were prepared and analyzed for all parameters. All recoveries were within the laboratory control limits indicating good analytical accuracy with the exception of some low recoveries. All associated results were qualified as estimated to reflect the implied low bias (see Table 4).

A matrix spike/matrix spike duplicate (MS/MSD) was performed on sample WG-5020-1207-KL-10. All recoveries were within laboratory control limits, indicating good analytical accuracy and precision.

A field duplicate sample was collected and analyzed as shown in Table 1. All results showed good field and analytical precision.

CONCLUSION

Based on the preceding data assessment, the data presented in Table 3 were judged to be acceptable with the qualifications noted.

TABLE 1

SAMPLE AND ANALYSIS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
DECEMBER 2007

Sample I.D.	*Location I.D.*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/Parameters* VOCs	*Comment*
WG-5020-1207-KL-01	PW-2	12/11/07	16:00	X	
WG-5020-1207-KL-02	PW-1	12/11/07	17:30	X	
WG-5020-1207-KL-03	ESI-12	12/11/07	18:00	X	
WG-5020-1207-KL-04	ESI-11	12/11/07	18:40	X	
WG-5020-1207-KL-05	ESI-10	12/11/07	19:20	X	
WG-5020-1207-KL-06	PW-3R	12/12/07	8:00	X	
WG-5020-1207-KL-07	ESI-7	12/12/07	9:00	X	
WG-5020-1207-KL-08	ESI-1	12/12/07	10:30	X	
WG-5020-1207-KL-09	ESI-13R	12/12/07	10:30	X	
WG-5020-1207-KL-10	ESI-3	12/12/07	10:30	X	MS/MSD
WG-5020-1207-KL-13	ESI-2	12/12/07	13:15	X	
WG-5020-1207-KL-14	ESI-2	12/12/07	14:45	X	Field duplicate of WG-5020-1207-KL-13
WS-5020-1207-KL-001	River	12/12/07	15:15	X	
Trip blank 5020-1207	Trip Blank	12/11/07	-	X	

Notes:

-	Not applicable.
MS	Matrix Spike.
MSD	Matrix Spike Duplicate.
VOCs	Volatile Organic Compounds.

Revised: Feb. 15, 2008

TABLE 2

ANALYTE PARAMETER LIST
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
DECEMBER 2007

Analytical Parameter	*Method Number*	*Holding Time Criteria*
Volatiles	USEPA 8260B [(1)]	14 days from collection to analysis (preserved with HCl)

Notes:

(1) "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," 3rd Edition, November, 1986 (with all subsequent revisions).

USEPA United States Environmental Protection Agency.

TABLE 3

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
DECEMBER 2007

Location Name:	*ESI-10*	*ESI-11*	*ESI-12*	*PW-1*	*PW-2*	*ESI-1*	*ESI-13R*	*ESI-2*
Sample ID:	*WG-5020-1207-KL-005*	*WG-5020-1207-KL-004*	*WG-5020-1207-KL-003*	*WG-5020-1207-KL-002*	*WG-5020-1207-KL-001*	*WG-5020-1207-KL-008*	*WG-5020-1207-KL-009*	*WG-5020-1207-KL-013*
Sample Date:	*12/11/2007*	*12/11/2007*	*12/11/2007*	*12/11/2007*	*12/11/2007*	*12/12/2007*	*12/12/2007*	*12/12/2007*
Parameters	***Units***							
Volitale Organic Compounds								
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U	1 J	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	3 J	10 U	10 U	10 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	10 U	10 U	10 U	10 U	6 J	10 U	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	10 U	10 U	10 U	10 U	9 J	10 U	17	10 U
Benzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	ug/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Carbon disulfide	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	330	130	40	10 U	400	10 U	7 J	320
cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane (CFC-12)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl acetate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Tert Butyl Ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	10 U	10 U	10 U	10 U	4 J	10 U	10 U	4 J
Toluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	ug/L	12	10 U	10 U	10 U	3 J	10 U	10 U	22

Revised: Feb. 15, 2008

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
DECEMBER 2007

Location Name:	*ESI-10*	*ESI-11*	*ESI-12*	*PW-1*	*PW-2*	*ESI-1*	*ESI-13R*	*ESI-2*
Sample ID:	*WG-5020-1207-KL-005*	*WG-5020-1207-KL-004*	*WG-5020-1207-KL-003*	*WG-5020-1207-KL-002*	*WG-5020-1207-KL-001*	*WG-5020-1207-KL-008*	*WG-5020-1207-KL-009*	*WG-5020-1207-KL-013*
Sample Date:	*12/11/2007*	*12/11/2007*	*12/11/2007*	*12/11/2007*	*12/11/2007*	*12/12/2007*	*12/12/2007*	*12/12/2007*
Parameters	***Units***							
Volitale Organic Compounds								
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	ug/L	460	20	230	14	1500	16	11	2100
Trichlorofluoromethane (CFC-11)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trifluorotrichloroethane (Freon 113)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	120	83	10 U	10 U	49	10 U	10 U	6 J
Xylene (total)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:
J Estimated.
U Not detected.
UJ Not detected, estimated reporting limit.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
DECEMBER 2007

Location Name:	*ESI-2*	*ESI-3*	*ESI-7*	*PW-3R*	*River*
Sample ID:	*WG-5020-1207-KL-014*	*WG-5020-1207-KL-010*	*WG-5020-1207-KL-007*	*WG-5020-1207-KL-006*	*WS-5020-1207-KL-001*
Sample Date:	*12/12/2007*	*12/12/2007*	*12/12/2007*	*12/12/2007*	*12/12/2007*
	Duplicate				
Parameters	***Units***				
Volitale Organic Compounds					
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L	10 U	10 U	10 U	5 J	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	10 U	10 U	10 U	19	10 U
Benzene	ug/L	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	ug/L	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Carbon disulfide	ug/L	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	ug/L	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L	10 U	10 U	10 U	2 J	10 U
Chloromethane (Methyl Chloride)	ug/L	10 U	10 UJ	10 UJ	10 U	10 U
cis-1,2-Dichloroethene	ug/L	320	10 U	10 U	2000 J	10 U
cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane (CFC-12)	ug/L	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U
Methyl acetate	ug/L	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U
Methyl Tert Butyl Ether	ug/L	10 U	10 U	10 U	10 U	10 U
Methylene chloride	ug/L	10 U	10 U	10 U	10 U	10 U
Styrene	ug/L	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	4 J	10 U	10 U	40	10 U
Toluene	ug/L	10 U	10 U	10 U	8 J	10 U
trans-1,2-Dichloroethene	ug/L	17	10 U	10 U	23	10 U

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
DECEMBER 2007

	Location Name:	*ESI-2*	*ESI-3*	*ESI-7*	*PW-3R*	*River*
	Sample ID:	*WG-5020-1207-KL-014*	*WG-5020-1207-KL-010*	*WG-5020-1207-KL-007*	*WG-5020-1207-KL-006*	*WS-5020-1207-KL-001*
	Sample Date:	*12/12/2007*	*12/12/2007*	*12/12/2007*	*12/12/2007*	*12/12/2007*
		Duplicate				
Parameters	***Units***					
Volitale Organic Compounds						
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U
Trichloroethene	ug/L	1900	5 J	25	79000	10 U
Trichlorofluoromethane (CFC-11)	ug/L	10 U	10 U	10 U	10 U	10 U
Trifluorotrichloroethane (Freon 113)	ug/L	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	5 J	10 UJ	10 UJ	51	10 U
Xylene (total)	ug/L	10 U	10 U	10 U	3 J	10 U

Notes:
J Estimated.
U Not detected.
UJ Not detected, estimated reporting limit.

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE RESULTS
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
DECEMBER 2007

Parameter	*Compound*	*Percent Recovery*	*Control Limits (percent)*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
VOCs	Bromomethane (Methyl Bromide)	63	67-126	WG-5020-1207-KL-001	10 U	ug/L	UJ
				WG-5020-1207-KL-013	10 U	ug/L	UJ
				WG-5020-1207-KL-014	10 U	ug/L	UJ
				WG-5020-1207-KL-006	10 U	ug/L	UJ
				WG-5020-1207-KL-002	10 U	ug/L	UJ
				WG-5020-1207-KL-008	10 U	ug/L	UJ
				WG-5020-1207-KL-009	10 U	ug/L	UJ
				WG-5020-1207-KL-005	10 U	ug/L	UJ
				WG-5020-1207-KL-003	10 U	ug/L	UJ
				WG-5020-1207-KL-004	10 U	ug/L	UJ
				WS-5020-1207-KL-001	10 U	ug/L	UJ
VOCs	Bromomethane (Methyl Bromide)	58	67-126	WG-5020-1207-KL-010	10 U	ug/L	UJ
				WG-5020-1207-KL-007	10 U	ug/L	UJ
VOCs	Chloromethane (Methyl Chloride)	55	58-142	WG-5020-1207-KL-010	10 U	ug/L	UJ
				WG-5020-1207-KL-007	10 U	ug/L	UJ
VOCs	Vinyl chloride	59	61-127	WG-5020-1207-KL-010	10 U	ug/L	UJ
				WG-5020-1207-KL-007	10 U	ug/L	UJ

Notes:
U Not detected.
UJ Not detected, estimated reporting limit.
VOCs Volatile Organic Compounds.

CONESTOGA-ROVERS & ASSOCIATES

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Niagara Falls, New York 14304
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www.CRAworld.com

MEMORANDUM

TO: Jim Kay

REF. NO.: 005020

FROM: Susan Scrocchi/jbh/15

DATE: December 10, 2007

E-Mail and Interoffice Mail

RE: Analytical Results and QA/QC Review
Groundwater Monitoring Program
Dowcraft Corporation
Jamestown, New York
September – October 2007

INTRODUCTION

Thirteen (13) water samples, including one field duplicate, were collected at the Dowcraft Site (Site) in Jamestown, New York, in September and October 2007. Samples were submitted to H2M Laboratories, Inc. (H2M) in Melville, New York. A sample key is presented in Table 1 and the analytical parameter list, methodologies, and holding time criteria are presented in Table 2. The analytical results are summarized in Table 3. A copy of the Chain of Custody forms is attached.

The final results and supporting quality assurance/quality control (QA/QC) data were reviewed. Evaluation of the data was based on information obtained from the Chain of Custody forms, finished report forms, blank data, and recovery data from matrix and surrogate spikes. The QA/QC criteria by which the data have been assessed are outlined in the analytical method and the document "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999.

QA/QC REVIEW

All samples were prepared and analyzed within the method-required holding times. All samples were properly preserved and maintained at 4°C (±2°C).

Method blanks were analyzed with the investigative samples for all parameters. All method blanks were non-detect for the compounds of interest.

All samples, blanks, and QC samples were spiked with surrogate compounds prior to sample analysis in accordance with the organic method. All surrogate spike recoveries met the associated method criteria indicating adequate analytical efficiency.

Trip blanks were collected and transported with the investigative samples for analysis as shown in Table 1. All trip blank results were non-detect indicating that compounds of interest were not introduced to the sample during collection, transportation, storage and/or analysis.

Blank spikes (BS) were prepared and analyzed for all parameters. All recoveries were within the laboratory control limits indicating good analytical accuracy.

A matrix spike/matrix spike duplicate (MS/MSD) was performed on sample WG-5020-0907-KL-008. All recoveries were within laboratory control limits, indicating good analytical accuracy and precision with the exception of a low benzene recovery. The benzene result for this sample was qualified as estimated to reflect the implied low bias.

A field duplicate sample was collected and analyzed as shown in Table 1. All results showed good field and analytical precision.

CONCLUSION

Based on the preceding data assessment, the data presented in Table 3 were judged to be acceptable with the qualifications noted.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
SEPTEMBER 2007

Sample ID	*Location ID*	*Collection Date (mm/dd/yy)*	*Collection Time (hr:min)*	*Analysis/Parameters VOCs*	*Comments*
WG-5020-0907-KL-01	PW-1	09/13/07	16:00	x	
WG-5020-0907-KL-02	PW-2	09/13/07	17:30	x	
WG-5020-1001-KL-01	ESI-1	10/17/07	17:00	x	
WG-5020-0907-KL-04	ESI-7	09/13/07	19:30	x	
WG-5020-0907-KL-05	ESI-13R	09/13/07	20:30	x	
WG-5020-0907-KL-06	ESI-3	09/14/07	8:00	x	
WG-5020-0907-KL-07	ESI-3	09/14/07	9:00	x	Field duplicate of WG-5020-0907-KL-06
WG-5020-0907-KL-08	ESI-2	09/14/07	10:30	x	MS/MSD
WG-5020-0907-KL-11	ESI-12	09/14/07	12:00	x	
WG-5020-0907-KL-12	ESI-10	09/14/07	12:30	x	
WG-5020-0907-KL-13	ESI-11	09/14/07	13:15	x	
WG-5020-0907-KL-14	PW-3R	09/14/07	14:45	x	
WG-5020-0907-KL-15	River	09/14/07	15:15	x	
TB-5020-0907-KL-001	Trip Blank	09/14/07	-	x	

Notes:
- Not applicable.
MS Matrix Spike.
MSD Matrix Spike Duplicate.
VOCs Volatile Organic Compounds.

TABLE 2

ANALYTE PARAMETER LIST
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK

Analytical Parameter	*Method Number*	*Holding Time Criteria*
Volatiles	USEPA 8260B [(1)]	14 days from collection to analysis (preserved with HCl)

Notes:

(1) "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," 3rd Edition, November, 1986 (with all subsequent revisions).

USEPA United States Environmental Protection Agency.

TABLE 3

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
SEPTEMBER 2007

Sample Location:		*ESI-1*	*ESI-2*	*ESI-3*	*ESI-3*	*ESI-7*	*ESI-10*	*ESI-11*
Sample Date:		*10/17/07*	*9/14/2007*	*9/14/2007*	*9/14/2007*	*9/13/2007*	*9/14/2007*	*9/14/2007*
Sample ID:		*WG-5020-1007-KL-01*	*WG-5020-0907-KL-008/009/010*	*WG-5020-0907-KL-006*	*WG-5020-0907-KL-007 duplicate*	*WG-5020-0907-KL-004*	*WG-5020-0907-KL-012*	*WG-5020-0907-KL-013*
Parameters	*Units*							
Volatile Organic Compounds								
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	ug/L	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon tetrachloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane (Methyl Chloride)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	10 U	240	2 J	2 J	19	140	56
cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane (CFC-12)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl acetate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Tert Butyl Ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	10 U	3 J	10 U	10 U	10 U	10 U	10 U
Toluene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	ug/L	10 U	2 J	10 U	10 U	10 U	1 J	10 U
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
SEPTEMBER 2007

Sample Location:		*ESI-1*	*ESI-2*	*ESI-3*	*ESI-3*	*ESI-7*	*ESI-10*	*ESI-11*
Sample Date:		*10/17/07*	*9/14/2007*	*9/14/2007*	*9/14/2007*	*9/13/2007*	*9/14/2007*	*9/14/2007*
Sample ID:		*WG-5020-1007-KL-01*	*WG-5020-0907-KL-008/009/010*	*WG-5020-0907-KL-006*	*WG-5020-0907-KL-007 duplicate*	*WG-5020-0907-KL-004*	*WG-5020-0907-KL-012*	*WG-5020-0907-KL-013*
Parameters	***Units***							
Volatile Organic Compounds								
Trichloroethene	ug/L	7 J	1400	16	16	170	59	7 J
Trichlorofluoromethane (CFC-11)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trifluorotrichloroethane (Freon 113)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	10 U	10 U	10 U	10 U	10 U	200	76
Xylene (total)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Notes:
J Estimated.
U Not detected.
UJ Not detected, estimated reporting limit.

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
SEPTEMBER 2007

Sample Location:	*ESI-12*	*ESI-13R*	*PW-1*	*PW-2*	*PW-3R*	*River*
Sample Date:	*9/14/2007*	*9/13/2007*	*9/13/2007*	*9/13/2007*	*9/14/2007*	*9/14/2007*
Sample ID:	*WG-5020-0907-KL-011*	*WG-5020-0907-KL-005*	*WG-5020-0907-KL-001*	*WG-5020-0907-KL-002*	*WG-5020-0907-KL-014*	*WS-5020-0907-KL-015*
Parameters	***Units***					
Volatile Organic Compounds						
1,1,1-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	ug/L	10 U	10 U	10 U	10 U	3 J	10 U
1,1-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	7 J	10 U
1,1-Dichloroethene	ug/L	10 U	10 U	10 U	10 U	15	10 U
1,2,4-Trichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-chloropropane (DBCP)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone (Methyl Ethyl Ketone)	ug/L	10 U	10 U	10 U	10 U	7 J	10 U
2-Hexanone	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	ug/L	10 U	10 U	10 U	10 U	57	10 U
Benzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane (Methyl Bromide)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	ug/L	10 U	10 U	10 U	10 U	4 J	10 U
Carbon tetrachloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform (Trichloromethane)	ug/L	10 U	10 U	10 U	10 U	2 J	10 U
Chloromethane (Methyl Chloride)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	ug/L	43	22	12	530	3000 J	10 U
cis-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane (CFC-12)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Methyl acetate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Tert Butyl Ether	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	ug/L	10 U	10 U	10 U	5 J	33	10 U
Toluene	ug/L	10 U	10 U	10 U	10 U	8 J	10 U
trans-1,2-Dichloroethene	ug/L	10 U	10 U	10 U	5 J	35	10 U
trans-1,3-Dichloropropene	ug/L	10 U	10 U	10 U	10 U	10 U	10 U

TABLE 3

ANALYTICAL RESULTS SUMMARY
GROUNDWATER MONITORING PROGRAM
DOWCRAFT CORPORATION
JAMESTOWN, NEW YORK
SEPTEMBER 2007

Sample Location:	*ESI-12*	*ESI-13R*	*PW-1*	*PW-2*	*PW-3R*	*River*
Sample Date:	*9/14/2007*	*9/13/2007*	*9/13/2007*	*9/13/2007*	*9/14/2007*	*9/14/2007*
Sample ID:	*WG-5020-0907-KL-011*	*WG-5020-0907-KL-005*	*WG-5020-0907-KL-001*	*WG-5020-0907-KL-002*	*WG-5020-0907-KL-014*	*WS-5020-0907-KL-015*
Parameters	***Units***					
Volatile Organic Compounds						
Trichloroethene	ug/L	130	24	100	1700	120000	10 U
Trichlorofluoromethane (CFC-11)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Trifluorotrichloroethane (Freon 113)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl chloride	ug/L	10 U	10 U	10 U	64	82	10 U
Xylene (total)	ug/L	10 U	10 U	10 U	10 U	3 J	10 U

Notes:
J Estimated.
U Not detected.
UJ Not detected, estimated reporting limit.