C&S COMPANIES
ENGINEERS
DESIGN BUILD
TECHNICAL RESOURCES
OPERATIONS

C&S Engineers, Inc.
499 Col. Eileen Collins Boulevard
Syracuse, NY 13212
phone 315-455-2000
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TRANSMITTAL

FEB 0 2 2005

To:	Town of Conklin 1271 Conklin Road Conklin, New York 13748	**Re:**	Town of Conklin Landfill Variance Request
		File:	C36.001.001
Attn:	Ms. Debra Preston Supervisor, Town of Conklin	**Date:**	February 1, 2005

We are sending you _✓_ herewith ____ under separate cover

- Two (2) copies of the Town of Conklin Landfill Variance Request Report & Application

The above are for _✓_information _✓_approval ___revision
___construction _✓_other {Signature & Submittal to NYSDEC)

REMARKS:
Once you have reviewed the report please sign the bottom of the application included in Appendix B and submit one copy of the variance request to the NYSDEC with the attached transmittal to Mr. James E. Burke, P.E.

If enclosed are not as noted, please notify us at once.

C&S ENGINEERS, INC.

Christen M. Craig

Christen M. Craig
Environmental Scientist

Enclosure

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February 1, 2005

Mr. James E. Burke, P.E.
New York State Department of Environmental Conservation
Environmental Engineer 3
Regional Hazardous Waste Remediation Engineer, Region 7
615 Erie Boulevard West
Syracuse, New York 13204-2400

Re: Town of Conklin Landfill
Site Code – 704013
EPA ID Number – NYD981486947
Post-Closure Monitoring Variance

File: C36.001.001

Dear Mr. Burke:

On behalf of our client, the Town of Conklin, C&S Engineer's, Inc., is requesting a variance to reduce the landfill monitoring frequency to once every fifth quarter for the Town of Conklin Landfill. To demonstrate applicability for variance approval, we are submitting this letter report and applicable attachments to the New York State Department of Environmental Conservation (NYSDEC).

SITE HISTORY

The Town of Conklin Landfill is located west of Broome Parkway (County Road 322) in the Town of Conklin, Broome County, New York on a 37-acre parcel owned by the Town of Conklin. Previously, the Town of Conklin Landfill consisted of two landfilled areas, referred to as the Upper and Lower Landfills. Landfilling operations began at the site in 1964 and resulted in depositing approximately 47,000 cubic yards of waste in the Lower Landfill and 55,000 cubic yards of waste in the Upper Landfill. The Town of Conklin Landfill accepted primarily municipal solid waste; however some industrial wastes may have been disposed of within the Upper Landfill. In 1975, the NYSDEC issued a closure order for the Landfill.

In June 1986, the landfill site was nominated for the National Priority List of Inactive Hazardous Waste Sites (NPL). In June 1987, the Town of Conklin signed a Consent Order with the NYSDEC requiring the completion of a remedial investigation/feasibility study (RI/FS). The Consent Order further required that the remedial measures, agreed upon following completion of the RI/FS, be implemented at the site. The RI was completed in 1988 and indicated limited groundwater contamination in the immediate vicinity of the Upper Landfill. A methane gas survey was performed in June 1990. During that survey it was reported that no methane gas was

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found at the Upper or Lower Landfills. In January 1991, the FS report was completed. The FS report recommended that the Town of Conklin comply with the following items:

- Capping of the Landfill
- Perimeter Leachate Collection
- Monitoring
- Fencing and Deed Restrictions
- Leachate Discharge to be Collected and Discharged to On-Site Sanitary Sewer Lines

The USEPA, in consultation with the NYSDEC issued the Proposed Remedial Action Plan on February 3, 1991. The Record of Decision (ROD) was signed by the USEPA on March 29, 1991. During the pre-design effort, it was decided that the Lower Landfill would be excavated and placed on top of the Upper Landfill which would then be capped. As a result, an Explanation of Significant Difference was issued by the USEPA in June 1992. All remedial work was completed and the landfill is currently in post-closure operation and maintenance.

A site map for the Town of Conklin Landfill is included as Figure 1 in this letter report.

GEOLOGY

The Town of Conklin Landfill site is located in southern Broome County within the Allegheny Plateau physiographic province of south-central New York. This province was created approximately 340-360 million years ago when a thick interval of west-directed deltaic sediments were shed off of an ancient mountain belt, the Acadian Mountains, to the east. This delta, called the Catskill Delta, was subsequently glacially incised during the most recent or Wisconsin glaciation which reached its maximum approximately 20,000 years ago when the Laurentian ice sheet covered most of New York. Approximately 14,000-12,000 years ago the ice sheet began to recede leaving behind much of the surficial deposits and landforms evident throughout the region.

Underlying the region, bedrock is composed of shales of the lower West Falls Group stratigraphic unit. Well to poorly sorted, unconsolidated, outwash deposits of glacial till overly the bedrock throughout the region and are present at the surface of the upper landfill site.

The Town of Conklin Landfill site is situated along a north-south reach of the Susquehanna River in a location where glacial retreat was relatively rapid (Yager, 1986). It is believed that the Susquehanna River marks the perimeter of a salient in the retreating ice sheet. Evidence of this ice salient in the form of ice-contact kame terrace deposits are evident south of Little Snake Creek on the west bank and from the Town of Kirkwood south on the east bank. As the glaciers continued to retreat toward the Valley Heads moraine that dammed the ancestral Finger Lakes, meltwater carried and deposited outwash gravels along the west bank of the Susquehanna River Valley. These outwash deposits are the source of gravels in the nearby gravel pits and are present at the surface near the lower landfill site. Next to the Susquehanna River, recent alluvial sediments create shallow terraces that overly the outwash gravels and comprise the flood plain of the river.

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GROUNDWATER FLOW CHARACTERISTICS

With regard to the flow direction of groundwater at the site, based on hydraulic head measurements reported in the ELS quarterly monitoring reports, it is expected that shallow groundwater moves nearly radially away from the landfill site. A topographic buttress on the western margin of the site inhibits groundwater flow in this direction. Subsequently, groundwater flow paths ultimately return to a northeasterly flow direction toward the Susquehanna River. Outwash gravels constitute the principal aquifer for the Town of Conklin (Yager, 1986) and have typical thicknesses of approximately 10 feet.

Surface water near the upper landfill site is either captured by Carlin Creek north of the upper site or infuses into the nearly flat floodplain ultimately ending up in the Susquehanna River.

CAPABILITY OF THE EXISTING GROUNDWATER MONITORING NETWORK

The existing groundwater-monitoring network for the Town of Conklin Landfill was previously approved by the NYSDEC for use as part of the Town of Conklin Landfill Operation Maintenance and Monitoring Plan and currently includes the quarterly post-closure monitoring of wells MW-1 (upgradient), MW-3, MW-4, MW-12, MW-37 (upgradient) and MW-38D as well as surface water location SW-Carlin. The SW-Carlin location is the surface water point in Carlin Creek adjacent to the landfill.

GROUNDWATER QUALITY ASSESSMENT

Historically, the results of monitoring completed at the Town of Conklin Landfill have revealed Class GA exceedances for parameters including iron, lead, magnesium, manganese, sodium and phenols. Additionally, occasional exceedences for parameters including benzene, bromomethane, methylene chloride, toluene, xylene, bromide, chloride, ammonia, total dissolved solids (TDS), sulfate, antimony, arsenic, barium, beryllium, chromium, magnesium, mercury, nickel, thallium, and zinc have been identified. Based on historical monitoring, the greatest number of exceedences and the highest values at the site are generally identified in downgradient wells, specifically well MW-38D. Table 1 includes historical analytical results for groundwater monitoring locations.

A statistical analysis of upgradient monitoring wells was performed (using standard Microsoft Excel™ statistical analysis functions) on historical analytical data for selected parameters for each monitoring event as shown in Table 2. The results for the selected monitoring wells included in Table 2 are individual datum from the most recent monitoring event completed in June 2004. The parameters were selected on the basis of data usability, frequency of sampling, the ability to indicate representative concentrations, and the ability to indicate the presence of landfill leachate. More specifically, the parameters used for this statistical analysis include alkalinity, bromide, chloride, chemical oxygen demand (COD), hardness, nitrate, ammonia, TKN, phenols, TDS, sulfate, aluminum, antimony, arsenic, barium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, sodium, thallium, vanadium, zinc, and boron. Confidence intervals (99 percentile) were calculated from historical data from the upgradient wells. As shown in Table 3, groundwater data comparisons with upper confidence intervals revealed that groundwater downgradient of the landfill is characterized by concentrations above background values for chloride, TKN, TDS, barium, and manganese. Specifically, downgradient well MW-38D is characterized by concentrations of bromide, chloride, COD, hardness, arsenic, barium, calcium, cobalt, iron, magnesium, manganese, and sodium at concentrations above background values.

Surface Water Quality Assessment

Table 4 includes historical surface water analytical results from surface water monitoring location SW-Carlin located north of the landfill within Carlin Creek. Occasional exceedences of Class C Surface Water standards were noted for parameters including phenols, aluminum, and iron. Volatile organic compounds were not detected in any of the surface water samples collected with the exception of naphthalene in the sample collected on April 24, 2001. The results of historical monitoring indicate that local surface water quality, in our opinion, is not significantly influenced by the Town of Conklin Landfill.

Leachate Assessment

Leachate is collected in a 30,000 gallon aboveground storage tank and is discharged via an on-site sanitary sewer line to the Binghamton-Johnson City Joint Sewage Treatment Plant (BJCJSTP). Leachate samples are collected on an annual basis as part of the BJCJSTP annual inspection of the landfill. Once the BJCJSTP receives the analytical results, the Town of Conklin is notified and leachate is discharged to the treatment plant. As shown in Table 5, leachate analytical results have historically been in compliance with the effluent limits assigned by the BJCJSTP.

Conclusion/Recommendation

It would appear that a cost effective and technically appropriate monitoring program would include the collection of groundwater and surface water samples for baseline parameter analysis on a fifth quarter frequency. Baseline parameter monitoring would be more applicable because of the need to provide consistent assessment of key leachate indicator parameters (such as heavy metals and volatile organic compounds) which cannot be assessed using a quarterly routine parameter monitoring scheme.

Consistent with applicable NYSDEC guidance and our understanding of Part 360 Variance Applications, we propose to complete the following environmental monitoring tasks as the conditions of variance approval.

Survey of Groundwater Monitoring Wells

The following monitoring wells will be resurveyed: MW-1, MW-3, MW-4, MW-12, MW-37 and MW-38D for location as well as elevation. Water level measurements will be taken at each of the monitoring wells every fifth quarter and historical water level measurements will be recorded into a historical water level table.

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Fifth Quarter Baseline Monitoring

Monitoring for 6 NYCRR Part 360 baseline parameters would be completed every fifth quarter for the following existing monitoring locations consistent with the approved Town of Conklin Landfill Operation Maintenance and Monitoring Plan:

- ***Six (6) Site Groundwater Monitoring Wells***

  MW-1
  MW-3
  MW-4
  MW-12
  MW-37
  MW-38D

- ***One (1) Surface Water Monitoring Location***

  SW-Carlin

Reporting

A report for each fifth quarter sampling event will be generated upon receipt of the baseline laboratory data for submittal to the NYSDEC. The Post-Closure Monitoring Report will include the following information:

- Comparison of groundwater and surface water results with applicable standards;
- Historical groundwater elevation tables;
- Historical parameter concentration tables;
- Groundwater contour map;
- Statistical evaluations of data;
- Comparison of upgradient versus downgradient water quality;

Site Inspection

Site Inspections will be completed by Town of Conklin Personnel on a quarterly basis. A copy of the Town of Conklin Landfill inspection checklist is included as Appendix A.

As part of this report, a completed "Application for Variance from 6 NYCRR 360" has been included as Appendix B for your review.

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As a final condition prior to implementation of a Part 360 Post-Closure Monitoring Variance, we will be available to complete revisions to the existing Town of Conklin Landfill Post-Closure Operations and Maintenance (O&M) Plan which would include an addendum identifying the modifications and Variance items agreed upon with the NYSDEC. This Post-Closure O&M Manual addendum will be submitted to the NYSDEC for review prior to incorporation within the respective document.

If you have any questions or require further information with regard to the subjects previously discussed, please contact me at your convenience.

Very truly yours,

C&S ENGINEERS, INC.

Christen M. Craig

Christen M. Craig
Environmental Scientist

CMC/cah
Attachments

cc: Ms. Debra Preston, Supervisor – Town of Conklin
Mr. Thomas Delamarter – Town of Conklin

M:\Private\Cmb\conklin landfill\VAR REQ1.doc

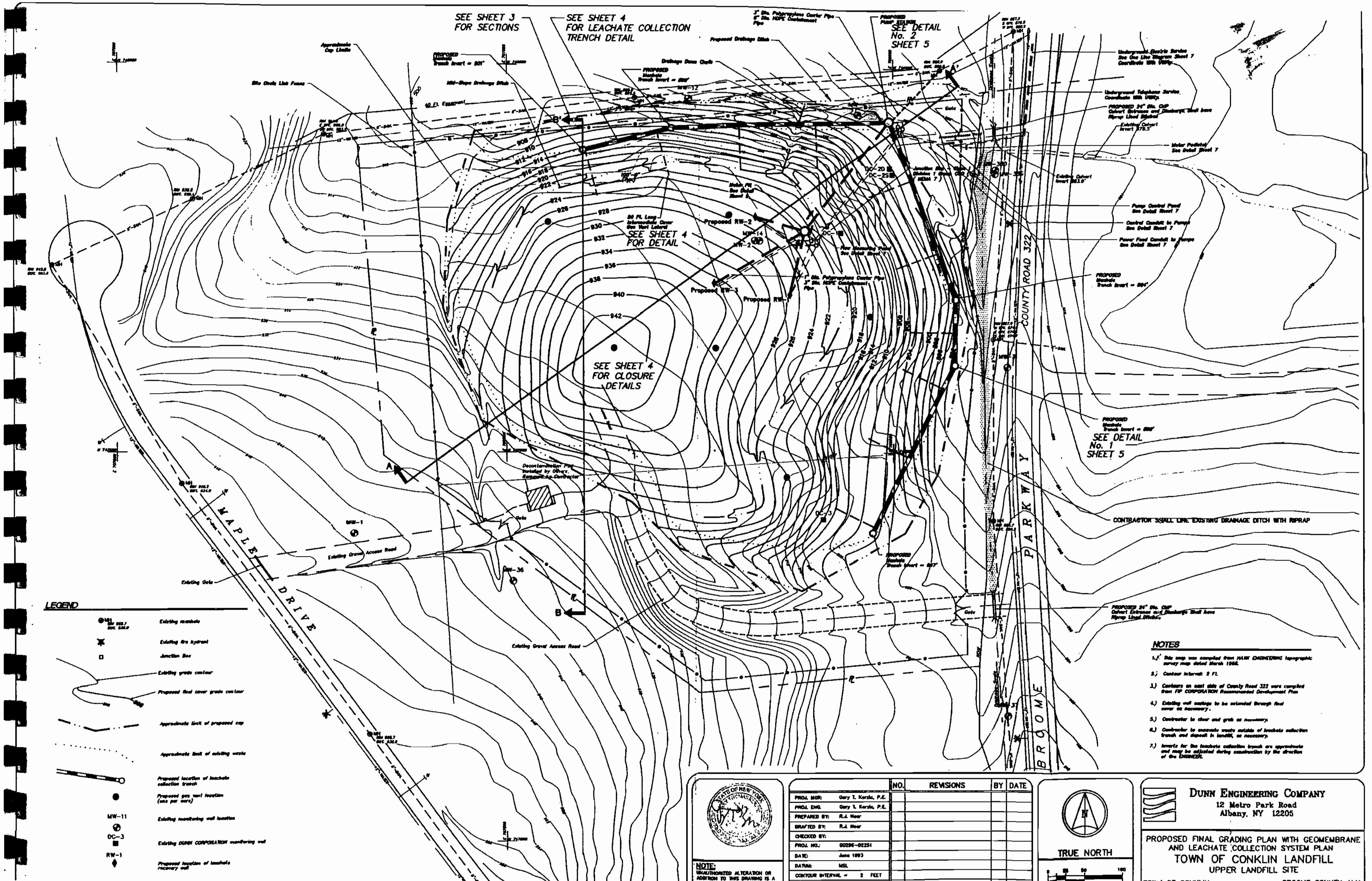
SEE SHEET 3 FOR SECTIONS
SEE SHEET 4 FOR LEACHATE COLLECTION TRENCH DETAIL
SEE DETAIL No. 2 SHEET 5
SEE SHEET 4 FOR DETAIL
SEE SHEET 4 FOR CLOSURE DETAILS
SEE DETAIL No. 1 SHEET 5
Proposed RW-2
Proposed RW-3
Proposed RW-1
DC-2D
DC-2S
DC-3
MW-1
MW-36
Decontamination Pad
Existing Gravel Access Road
Existing Gate
MAPLE DRIVE
BROOME PARKWAY
COUNTY ROAD 322
CONTRACTOR SHALL LINE EXISTING DRAINAGE DITCH WITH RIPRAP
PROPOSED 24" Dia. CMP Culvert Entrance and Discharge Shall have Riprap Lined Ditches
LEGEND
Existing manhole
Existing fire hydrant
Junction Box
Existing grade contour
Proposed final cover grade contour
Approximate limit of proposed cap
Approximate limit of existing waste
Proposed location of leachate collection trench
Proposed gas vent location (one per acre)
MW-11
Existing monitoring well location
DC-3
Existing DUNN CORPORATION monitoring well
RW-1
Proposed location of leachate recovery well
NOTES
1.) This map was compiled from HAWK ENGINEERING topographic survey map dated March 1988.
2.) Contour interval: 2 Ft.
3.) Contours on east side of County Road 322 were compiled from FIP CORPORATION Recommended Development Plan
4.) Existing well casings to be extended through final cover as necessary.
5.) Contractor to clear and grub as necessary.
6.) Contractor to excavate waste outside of leachate collection trench and deposit in landfill, as necessary.
7.) Inverts for the leachate collection trench are approximate and may be adjusted during construction by the direction of the ENGINEER.
NOTE:
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A
PROJ. MGR: Gary T. Kerzic, P.E.
PROJ. ENG. Gary T. Kerzic, P.E.
PREPARED BY: R.J. Noer
DRAFTED BY: R.J. Noer
CHECKED BY:
PROJ. NO.: 00296-02251
DATE: June 1993
DATUM: MSL
CONTOUR INTERVAL = 2 FEET
NO.
REVISIONS
BY
DATE
TRUE NORTH
0
25
50
100
DUNN ENGINEERING COMPANY
12 Metro Park Road
Albany, NY 12205
PROPOSED FINAL GRADING PLAN WITH GEOMEMBRANE AND LEACHATE COLLECTION SYSTEM PLAN
TOWN OF CONKLIN LANDFILL
UPPER LANDFILL SITE

TABLE 1 - TOWN OF CONKLIN LANDFILL HISTORICAL ANALYTICAL DATA

Monitoring Well	Date Sampled	Benzene	Bromobenzene	Bromochloro methane	Bromodichloro methane	Bromoform	Bromomethane	n-butylbenzene	sec-butylbenzene	tert-butylbenzene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Dibromochloro methane	Dibromomethane	1,2-Dibromoethane
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NYSDEC Groundwater Standard/Guidance Value		1	5	5	50	50	5	5	5	5	5	5	5	7	5	5	5	50	5	0.0006
MW-1 Upgradient	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-3	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	5.7	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-4	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	24	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
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	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-12	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 1 - TOWN OF CONKLIN LANDFILL HISTORICAL ANALYTICAL DATA

Monitoring Well	Date Sampled	Benzene	Bromobenzene	Bromochloro methane	Bromodichloro methane	Bromoform	Bromomethane	n-butylbenzene	sec-butylbenzene	tert-butylbenzene	Carbon Tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	2-Chlorotoluene	4-Chlorotoluene	Dibromochloro methane	Dibromomethane	1,2-Dibromoethane
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NYSDEC Groundwater Standard/Guidance Value		1	5	5	50	50	5	5	5	5	5	5	5	7	5	5	5	50	5	0.0006
MW-37	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-38D	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 1 - TOWN OF CONKLIN LANDFILL HISTORICAL ANALYTICAL DATA

Monitoring Well	Date Sampled	1,2-dibromo-3-chloropropane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachloro butadiene	Isopropylbenzene
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NYSDEC Groundwater Standard/Guidance Value		*0.04*	*3*	*3*	*3*	*5*	*5*	*0.6*	*5*	*5*	*5*	*1*	*5*	*5*	*5*	*0.4*	*0.4*	*0.4*	*0.5*	*5*
MW-1 Upgradient	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/28/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-3	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/28/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-4	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/28/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-12	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/28/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 1 - TOWN OF CONKLIN LANDFILL HISTORICAL ANALYTICAL DATA

Monitoring Well	Date Sampled	1,2-dibromo-3-chloropropane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloropropane	1,3-Dichloropropane	2,2-Dichloropropane	1,1-Dichloropropene	cis-1,3-Dichloropropene	trans-1,3-Dichloropropene	Ethylbenzene	Hexachloro butadiene	Isopropylbenzene
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NYSDEC Groundwater Standard/Guidance Value		0.04	3	3	3	5	5	0.6	5	5	5	1	5	5	5	0.4	0.4	0.4	0.5	5
MW-37	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-38D	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 1 - TOWN OF CONKLIN LANDFILL HISTORICAL ANALYTICAL DATA

Monitoring Well	Date Sampled	4-Isopropyl toluene	Methylene Chloride	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	p/m-Xylene
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NYSDEC Groundwater Standard/Guidance Value		5	5	5	5	5	5	5	5	5	5	5	1	5	5	0.04	5	5	2	5
MW-1 Upgradient	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	12.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-3	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-4	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	4.3	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	27	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-12	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 1 - TOWN OF CONKLIN LANDFILL HISTORICAL ANALYTICAL DATA

Monitoring Well	Date Sampled	4-Isopropyl toluene	Methylene Chloride	n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,1,1-trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	p/m-Xylene
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NYSDEC Groundwater Standard/Guidance Value		5	5	5	5	5	5	5	5	5	5	5	1	5	5	0.04	5	5	2	5
MW-37	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	8.4	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	4	<2.0	<5.0	6.6
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
MW-38D	04/26/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0
	12/13/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/21/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/05/00	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0
	08/28/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<5.0	<10.0	<5.0
	07/09/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/18/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/17/02	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/24/03	<5.0	13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	06/02/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/08/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/03/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	03/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	06/14/04	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

TABLE 1 - TOWN OF CONKLIN LANDFILL HISTORICAL ANALYTICAL DATA

Monitoring Well	Date Sampled	o-Xylene	Naphthalene	Acrolein	Acrylonitrile	2-Chloroethylvinyl ether	Methyl tert butyl ether	Hexachloro[illegible]	Alkalinity	BOD-5	Bromide	Chloride	COD	Color	Cyanide, Total	Hardness, Total	Nitrate as N	Nitrogen, Ammonia	Total Kjeldahl	pH
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	PtCo	mg/l	mg/l	mg/l	mg/l	mg/l	Units
NYSDEC Groundwater Standard/Guidance Value		5	10	5	5		10	0.05			2	250		5	0.2		10	2		6.5-8.5
MW-1 Upgradient	04/26/99	---	---	---	---	---	---	---	221	<5.0	<0.1	1	<10	---	---	216	0.22	1.8	2.3	7.99
	07/19/99	---	---	---	---	---	---	---	207	<5	<0.1	2	21	---	---	206	0.15	<0.1	3.7	7.83
	09/27/99	<2.0	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	242	<5	<0.1	7	64	<5	<0.01	330	0.16	<0.1	1.6	7.49
	12/13/99	---	---	---	---	---	---	---	211	<5	<0.1	2	67	---	---	262	<0.05	<0.1	1.4	7.38
	03/21/00	---	---	---	---	---	---	---	233	<5	<0.1	2	42	---	---	230	<0.05	<0.1	0.9	7.39
	06/05/00	<2.0	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	221	<5	<0.1	4	24	48	<0.015	298	<0.05	<0.1	<0.5	7.35
	08/28/00	---	---	---	---	---	---	---	240	<5	<0.1	5	85	---	---	216	0.09	<0.1	1.3	7.95
	11/14/00	---	---	---	---	---	---	---	224	<5	<0.1	4	12	---	---	220	<0.05	<0.1	0.8	7.4
	04/24/01	<5.0	---	---	---	---	<10.0	<0.01	23.6	<5	<0.1	4	14	<5	<0.024	206	0.1	<0.04	0.5	6.85
	07/09/01	---	---	---	---	---	---	---	228	<5	<0.1	4	<10	---	---	178	0.08	<0.04	0.3	7.62
	09/24/01	---	---	---	---	---	---	---	242	<5	<0.1	11	29	---	---	110	0.08	<0.04	1.4	7.16
	11/26/01	---	---	---	---	---	---	---	206	<5	<0.1	2	21	---	---	250	0.08	<0.04	1.4	7.15
	03/18/02	---	---	---	---	---	---	---	250	<5	<0.1	35	213	---	---	320	0.09	<0.1	0.8	6.85
	06/17/02	<5.0	<5.0	---	---	---	<5.0	<0.01	226	<5	<0.10	11	28	<5	<0.010	228	0.07	<0.1	0.9	7.02
	09/09/02	---	---	---	---	---	---	---	240	< 6	< 0.10	3	24	---	---	220	0.07	<0.10	1.6	7.59
	11/04/02	---	---	---	---	---	---	---	250	<6	<0.020	4	<10	---	---	252	<0.05	<0.10	0.9	7.31
	03/24/03	<5.0	<5.0	---	---	---	<5.0	<0.01	243	<6	<0.100	3	<10	<5.00	<0.015	220	<0.05	<0.1	2.4	7.23
	06/02/03	---	---	---	---	---	---	---	233	<6	<0.100	4	58	---	---	234	<0.05	<0.1	<1.0	7.41
	09/08/03	---	---	---	---	---	---	---	241	<6	<0.100	2	<10	---	---	178	<0.05	<0.1	2.5	7.38
	11/03/03	---	---	---	---	---	---	---	244	<6	<1.00	3	26	---	---	220	0.38	<0.1	1.3	7.28
	03/15/04	---	---	---	---	---	---	---	258	<6	2	5	16			250	<0.05	<0.1	<1.0	7.52
	06/14/04	<5.0	<10.0	---	---	---	<5.0	<0.010	236	<6	<1.00	3	17	<5.00	<0.025	232	<0.05	<0.1	<1.0	7.56
MW-3	04/26/99	---	---	---	---	---	---	---	109	<5.0	<0.1	32	144	---	---	106	0.81	2.4	6	7.04
	07/19/99	---	---	---	---	---	---	---	109	<5	<0.1	62	109	---	---	164	0.1	0.2	3	7.29
	09/27/99	<2.0	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	135	<5	<0.1	132	62	10	<0.01	290	0.08	0.1	1	6.79
	12/13/99	---	---	---	---	---	---	---	144	<5	<0.1	86	106	---	---	238	<0.05	<0.1	1.2	7.28
	03/21/00	---	---	---	---	---	---	---	98	<5	<0.1	16	87	---	---	132	<0.05	<0.1	1.3	7.45
	06/05/00	<2.0	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	98	<5	<0.1	27	43	57	<0.015	160	<0.05	<0.1	<0.5	7.35
	08/28/00	---	---	---	---	---	---	---	112	<5	<0.1	115	13	---	---	186	<0.05	<0.1	0.8	7.81
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<5.0	---	---	---	---	<10.0	0.03	152	7	<0.1	21	21	8	<0.024	200	0.08	0.25	6.3	7.25
	07/09/01	---	---	---	---	---	---	---	148	<5	0.23	680	126	---	---	560	<0.05	0.22	1.7	6.75
	09/24/01	---	---	---	---	---	---	---	160	<5	0.12	363	39	---	---	530	<0.05	0.04	1.8	6.76
	11/26/01	---	---	---	---	---	---	---	110	<5	<0.1	158	<10	---	---	184	<0.05	<0.04	1.3	6.91
	03/18/02	---	---	---	---	---	---	---	80	15	<0.1	24	<10	---	---	270	0.09	<0.1	0.6	7.37
	06/17/02	<5.0	<5.0	---	---	---	<5.0	<0.01	150	7	<0.10	186	98	<5.00	<0.010	180	0.07	0.2	4.7	6.93
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	109	<6	<0.020	54	16	---	---	280	0.15	<0.10	1	7.31
	03/24/03	<5.0	<5.0	---	---	---	<5.0	<0.01	83	<6	<0.100	103	37	<5.00	<0.015	230	<0.05	<0.1	9.6	6.92
	06/02/03	---	---	---	---	---	---	---	93	<6	<0.100	48	100	---	---	268	<0.05	0.1	7.1	6.98
	09/08/03	---	---	---	---	---	---	---	104	<6	<0.100	83	135	---	---	280	<0.05	<0.1	5.3	7.08
	11/03/03	---	---	---	---	---	---	---	101	<6	<1.0	33	72	---	---	152	0.16	<0.1	1.2	6.87
	03/15/04	---	---	---	---	---	---	---	103	<6	<5.00	80	23			240	<0.05	<0.1	1.7	6.63
	06/14/04	<5.0	<10.0	---	---	---	<5.0	<0.010	107	<6	<1.00	27	29	<5.00	<0.025	128	<0.05	<0.1	<1.0	7.12
MW-4	04/26/99	---	---	---	---	---	---	---	84	<5.0	<0.1	8	62	---	---	82	0.11	1.8	5.8	7.36
	07/19/99	---	---	---	---	---	---	---	80	<5	<0.1	8	137	---	---	96	0.17	<0.1	1.2	6.82
	09/27/99	<2.0	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	96	<5	<0.1	20	10	7	<0.010	115	0.18	<0.1	<0.5	6.89
	12/13/99	---	---	---	---	---	---	---	83	<5	<0.1	5	<10	---	---	106	0.05	<0.1	0.6	7.05
	03/21/00	---	---	---	---	---	---	---	88	<5	<0.1	6	<10	---	---	108	0.06	<0.1	<0.5	7.34
	06/05/00	<2.0	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	83	<5	<0.1	8	10	70	<0.015	118	0.08	<0.1	<0.5	7.26
	08/28/00	---	---	---	---	---	---	---	88	<5	<0.1	4	<10	---	---	110	0.09	<0.1	<0.5	7.6
	11/14/00	---	---	---	---	---	---	---	64	<5	<0.1	6	<10	---	---	86	0.05	<0.1	<0.5	7.28
	04/24/01	<5.0	---	---	---	---	<10.0	0.01	84	<5	<0.1	6	19	10	<0.024	120	0.11	<0.04	1.4	7.15
	07/09/01	---	---	---	---	---	---	---	90	<5	<0.1	20	11	---	---	98	0.13	<0.04	1.7	7.09
	09/24/01	---	---	---	---	---	---	---	94	<5	<0.1	7	<10	---	---	86	0.1	<0.04	0.5	7.51
	11/26/01	---	---	---	---	---	---	---	52	<5	<0.1	8	<10	---	---	130	0.14	<0.04	0.8	6.96
	03/18/02	---	---	---	---	---	---	---	75	<5	<0.1	24	<10	---	---	106	0.14	<0.1	<0.6	7.14
	06/17/02	<5.0	<5.0	---	---	---	<5.0	<0.01	78	20	0.11	9	<10	<5.00	<0.010	142	0.14	<0.10	2.1	7.25
	09/09/02	---	---	---	---	---	---	---	95	<6	<0.10	5	<10	---	---	116	0.11	<0.10	1	7.57
	11/04/02	---	---	---	---	---	---	---	91	<6	<0.020	9	<10	---	---	118	0.38	<0.10	1.1	7.48
	03/24/03	<5.0	<5.0	---	---	---	<5.0	<0.01	90	<6	<0.100	8	155	<5.00	<0.015	110	<0.05	<0.1	2.5	6.74
	06/02/03	---	---	---	---	---	---	---	92	<6	<0.100	7	15	---	---	100	<0.05	<0.1	<1.0	6.98
	09/08/03	---	---	---	---	---	---	---	91	<6	<0.100	8	15	---	---	114	0.14	<0.1	2	7.05
	11/03/03	---	---	---	---	---	---	---	98	<6	<1.00	8	17	---	---	124	0.11	<0.1	1.5	6.95
	03/15/04	---	---	---	---	---	---	---	100	<6	2	10	65			160	<0.05	<0.1	<1.0	6.88
	06/14/04	<5.0	<10.0	---	---	---	<5.0	<0.010	95	<6	<1.00	11	17	<5.00	<0.025	120	0.09	<0.1	<1.0	7.16
MW-12	04/26/99	---	---	---	---	---	---	---	99	<5.0	<0.1	15	119	---	---	22	0.41	3.8	6.3	6.82
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<2.0	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	103	<5.0	0.11	19	77	15	<0.010	142	0.05	0.2	1.7	6.37
	12/13/99	---	---	---	---	---	---	---	124	<5.0	0.21	14	61	---	---	24	0.09	0.2	2.4	6.59
	03/21/00	---	---	---	---	---	---	---	137	<5.0	0.18	12	52	---	---	164	0.12	0.2	2.2	6.84
	06/05/00	<2.0	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	126	<5.0	0.2	15	73	80	<0.015	164	<0.05	<0.1	1.6	6.55
	08/28/00	---	---	---	---	---	---	---	170	<5.0	<0.1	14	104	---	---	250	0.28	<0.1	3.6	6.61
	11/14/00	---	---	---	---	---	---	---	106	<5.0	<0.1	17	32	---	---	132	0.32	<0.1	1.7	6.52
	04/24/01	<5.0	---	---	---	---	<10.0	0.01	110	<5.0	0.22	18	36	10	<0.024	136	0.3	0.04	4.1	6.71
	07/09/01	---	---	---	---	---	---	---	136	<5.0	0.41	12	<10	---	---	122	0.28	<0.04	<0.3	7
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	---	---	---	---	---	---	---	128	<5.0	<0.1	8	11	---	---	310	0.11	0.23	2.4	6.84
	03/18/02	---	---	---	---	---	---	---	130	<5.0	0.19	22	10	---	---	340	0.19	0.1	5.6	6.83
	06/17/02	<5.0	<5.0	---	---	---	<5.0	<0.01	144	<5.0	0.28	22	50	<5.00	<0.010	140	0.33	0.2	3.1	6.6
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	---	---	---	---	---	---	---	153	<6	0.19	10	95	---	---	224	0.15	0.2	4.2	6.59
	03/24/03	<5.0	<5.0	---	---	---	<5.0	<0.01	103	<6	<0.100	12	16	<5.00	<0.015	158	0.33	<0.1	5	6.57
	06/02/03	---	---	---	---	---	---	---	95	<6	<0.100	10	45	---	---	100	<0.05	<0.1	1.1	6.28
	09/08/03	---	---	---	---	---	---	---	90	<6	<0.100	12	88	---	---	128	0.28	<0.1	9.8	6.98
	11/03/03	---	---	---	---	---	---	---	79	<6	<1.0	11	78	---	---	138	0.27	<0.1	1.4	6.21
	03/15/04	---	---	---	---	---	---	---	121	<6	3	10	58	---	---	200	<0.05	<0.1	4.8	6.25
	06/14/04	<5.0	<10.0	---	---	---	<5.0	<0.01	115	<6	<1.00	9	24	<5.00	<0.025	168	<0.05	<0.1	2.2	6.46

Monitoring Well	Date Sampled	Phenols, Total	Total Dissolved	Sulfate	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper
Units		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
NYSDEC Groundwater Standard/Guidance Value		0.001	500	250		0.003	0.025	1	0.003	0.005		0.05		0.2
MW-1 Upgradient	04/26/99	0.037	286	24.9	---	---	---	---	---	<0.01	59	---	---	---
	07/19/99	<0.010	262	24	---	---	---	---	---	<0.01	66.4	---	---	---
	09/27/99	<0.01	267	27	55.6	<0.03	0.004	0.46	<0.2	<0.1	75.2	0.06	0.07	0.14
	12/13/99	<0.010	386	27.4	---	---	---	---	---	<0.01	63.1	---	---	---
	03/21/00	<0.01	316	32	---	---	---	---	---	<0.01	63.6	---	---	---
	06/05/00	<0.01	260	28	1.18	<0.03	<0.002	0.033	<0.01	<0.02	61	<0.03	<0.03	<0.005
	08/28/00	0.013	264	<11	---	---	---	---	---	<0.02	67.8	---	---	---
	11/14/00	<0.010	1201	19	---	---	---	---	---	<0.02	66.4	---	---	---
	04/24/01	<0.013	252	12	4.36	<0.03	0.003	0.056	<0.01	<0.02	57.8	<0.03	<0.03	0.006
	07/09/01	<0.013	268	15	---	---	---	---	---	<0.02	69	---	---	---
	09/24/01	<0.013	472	16	---	---	---	---	---	<0.02	61.5	---	---	---
	11/26/01	<0.013	404	16	---	---	---	---	---	<0.02	72.6	---	---	---
	03/18/02	<0.023	268	29	---	---	---	---	---	<0.003	63.6	---	---	---
	06/17/02	<0.013	275	15	6.2	0.026	0.004	0.052	<0.0010	<0.003	64	0.007	<0.01	0.007
	09/09/02	<0.023	239	22	---	---	---	---	---	<0.0030	60	---	---	---
	11/04/02	<0.013	326	142	---	---	---	---	---	<0.0030	61	---	---	---
	03/24/03	0.103	264	14	0.89	<0.0050	<0.005	<0.050	<0.0020	<0.0050	62	<0.010	<0.010	0.0067
	06/02/03	0.029	288	18	---	---	---	---	---	<0.0050	67	---	---	---
	09/08/03	<0.036	295	16	---	---	---	---	---	<0.0050	65	---	---	---
	11/03/03	<0.036	232	11	---	---	---	---	---	<0.0050	64	---	---	---
	03/15/04	0.025	221	12	---	---	---	---	---	<0.010	59			
	06/14/04	<0.025	116	<11	0.058	<0.0050	<0.005	<0.050	<0.0020	<0.010	64	<0.010	<0.020	<0.050
MW-3	04/26/99	0.064	198	21.6	---	---	---	---	---	<0.01	41.1	---	---	---
	07/19/99	<0.010	308	24	---	---	---	---	---	<0.01	50.7	---	---	---
	09/27/99	0.021	292	16	11.5	<0.03	0.036	0.42	<0.2	<0.01	86.9	<0.03	0.02	0.043
	12/13/99	<0.01	470	15	---	---	---	---	---	<0.01	61.6	---	---	---
	03/21/00	<0.01	146	21	---	---	---	---	---	<0.01	33.7	---	---	---
	06/05/00	<0.010	160	24	6.54	<0.03	0.06	0.098	<0.1	<0.02	29.5	<0.03	<0.03	0.01
	08/28/00	0.012	313	15	---	---	---	---	---	<0.02	43.9	---	---	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	<0.013	174	26	20.6	<0.03	0.29	1.58	<0.01	<0.02	52	<0.03	0.05	0.316
	07/09/01	0.083	1290	16	---	---	---	---	---	<0.02	107	---	---	---
	09/24/01	<0.013	932	12	---	---	---	---	---	<0.02	67	---	---	---
	11/26/01	<0.013	421	14	---	---	---	---	---	<0.02	54.6	---	---	---
	03/18/02	<0.023	198	16	---	---	---	---	---	<0.003	34	---	---	---
	06/17/02	<0.013	616	24	24	<0.025	<0.020	0.26	0.001	0.0038	48	0.029	0.016	0.056
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	<0.013	275	71	---	---	---	---	---	<0.0030	43	---	---	---
	03/24/03	<0.023	241	15	1.1	<0.0050	0.016	0.26	<0.0020	<0.0050	36	<0.010	<0.010	0.025
	06/02/03	<0.023	247	21	---	---	---	---	---	<0.0050	44	---	---	---
	09/08/03	<0.036	287	16	---	---	---	---	---	<0.0050	68	---	---	---
	11/03/03	<0.036	201	14	---	---	---	---	---	<0.0050	58	---	---	---
	03/15/04	0.067	216	15	---	---	---	---	---	<0.010	39			
	06/14/04	<0.025	462	15	1.1	<0.0050	0.014	0.13	<0.0020	<0.010	39	<0.010	<0.020	<0.050
MW-4	04/26/99	0.009	86	13.5	---	---	---	---	---	<0.01	28.1	---	---	---
	07/19/99	<0.010	142	14	---	---	---	---	---	<0.01	23.2	---	---	---
	09/27/99	<0.010	113	11	9.64	<0.03	0.008	0.12	<0.02	<0.01	30.1	<0.03	<0.02	0.017
	12/13/99	<0.010	227	12	---	---	---	---	---	<0.01	26.2	---	---	---
	03/21/00	<0.010	212	13	---	---	---	---	---	<0.01	24.4	---	---	---
	06/05/00	<0.010	106	16	6.3	<0.03	0.004	0.04	<0.1	<0.02	23.8	<0.03	<0.03	<0.005
	08/28/00	0.014	166	12	---	---	---	---	---	<0.02	23.6	---	---	---
	11/14/00	<0.10	135	<11	---	---	---	---	---	<0.02	24.7	---	---	---
	04/24/01	0.037	130	<20	12.7	<0.03	0.11	0.12	<0.01	<0.02	26.1	<0.03	<0.03	0.021
	07/09/01	0.013	122	14	---	---	---	---	---	<0.02	27.8	---	---	---
	09/24/01	<0.13	240	14	---	---	---	---	---	<0.02	25.7	---	---	---
	11/26/01	<0.13	137	<10	---	---	---	---	---	<0.02	31.3	---	---	---
	03/18/02	<0.023	137	11	---	---	---	---	---	<0.003	26.7	---	---	---
	06/17/02	<0.013	120	44	34	<0.025	0.049	0.63	0.002	0.0035	41	0.026	0.046	0.051
	09/09/02	<0.023	75	24	---	---	---	---	---	0.0057	27	---	---	---
	11/04/02	<0.013	176	29	---	---	---	---	---	<0.0030	27	---	---	---
	03/24/03	0.023	125	12	1.1	<0.0050	<0.005	<0.05	<0.002	<0.0050	30	<0.010	<0.010	0.0054
	06/02/03	0.027	189	12	---	---	---	---	---	<0.0050	29	---	---	---
	09/08/03	<0.036	128	12	---	---	---	---	---	<0.0050	29	---	---	---
	11/03/03	<0.036	151	<11	---	---	---	---	---	<0.0050	32	---	---	---
	03/15/04	0.031	122	11	---	---	---	---	---	<0.010	30			
	06/14/04	<0.025	86	<11	0.49	<0.0050	<0.005	<0.050	<0.0020	<0.010	31	<0.010	<0.020	<0.050
MW-12	04/26/99	0.005	274	21.6	---	---	---	---	---	<0.01	36.1	---	---	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	<0.010	123	11	69.7	<0.03	0.075	0.48	<0.2	<0.01	34.1	0.06	0.04	0.128
	12/13/99	<0.010	44	15	---	---	---	---	---	<0.1	45.1	---	---	---
	03/21/00	0.013	296	22	---	---	---	---	---	<0.01	38.5	---	---	---
	06/05/00	<0.10	180	16	43.1	<0.03	0.03	0.286	<0.1	<0.02	39.6	0.04	0.04	0.08
	08/28/00	0.011	213	<11	---	---	---	---	---	<0.02	42.8	---	---	---
	11/14/00	<0.01	160	19	---	---	---	---	---	<0.02	25.3	---	---	---
	04/24/01	0.012	200	15	6.46	<0.03	0.008	0.063	<0.01	<0.02	30.2	<0.03	<0.03	0.021
	07/09/01	0.022	212	22	---	---	---	---	---	<0.02	48.1	---	---	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	0.041	207	11	---	---	---	---	---	<0.02	49.6	---	---	---
	03/18/02	<0.023	211	16	---	---	---	---	---	<0.003	45.5			
	06/17/02	<0.013	153	29	3.4	<0.025	<0.002	<0.050	<0.0010	<0.0030	30	<0.0030	<0.010	<0.0050
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	<0.013	186	310	---	---	---	---	---	<0.0030	40	---	---	---
	03/24/03	<0.023	230	16	2	<0.0050	<0.005	0.3	<0.0020	<0.0050	31	<0.010	<0.010	0.036
	06/02/03	<0.023	203	16	---	---	---	---	---	<0.0050	31	---	---	---
	09/08/03	<0.036	147	24	---	---	---	---	---	<0.0050	32	---	---	---
	11/03/03	<0.036	172	17	---	---	---	---	---	<0.0050	28	---	---	---
	03/15/04	0.0063	150	26	---	---	---	---	---	<0.010	40			
	06/14/04	<0.025	186	13	3.4	<0.0050	<0.005	0.31	<0.0020	<0.010	43	<0.010	<0.020	<0.050

TABLE 1 - TOWN OF CONKLIN LANDFILL HISTORICAL ANALYTICAL DATA

Monitoring Well	Date Sampled	o-Xylene	Naphthalene	Acrolein	Acrylonitrile	2-Chloroethylvinyl ether	Methyl tert butyl ether	Hexachromium	Alkalinity	BOD-5	Bromide	Chloride	COD	Color	Cyanide, Total	Hardness, Total	Nitrate as N	Nitrogen, Ammonia	Total Kjeldahl	pH	Phenols, Total	Total Dissolved	Sulfate	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper
Units		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	PtCo	mg/l	mg/l	mg/l	mg/l	mg/l	Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
NYSDEC Groundwater Standard/Guidance Value		5	10	5	5		10	0.05			2	250		5	0.2		10	2		6.5-8.5	0.001	500	250		0.003	0.025	1	0.003	0.005		0.05		0.2
MW-37	04/26/99	---	---	---	---	---	---	---	155	<5.0	<0.1	3	<10	---	---	186	0.06	1.9	2.5	6.32	0.009	217	22.2	---	---	---	---	---	<0.01	48.8	---	---	---
	07/19/99	---	---	---	---	---	---	---	155	<5.0	<0.1	5	116	---	---	142	0.16	<0.1	8.1	7.49	<0.010	214	24	---	---	---	---	---	<0.01	56.8	---	---	---
	09/27/99	<2.0	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	153	<5.0	<0.1	27	15	20	<0.01	158	0.13	<0.1	<0.5	7.71	<0.010	176	26	3.62	<0.03	0.004	0.05	<0.02	<0.01	47.8	<0.03	<0.02	0.005
	12/13/99	---	---	---	---	---	---	---	157	<5.0	<0.1	4	25	---	---	216	0.06	<0.1	0.6	7.5	<0.10	139	12	---	---	---	---	---	<0.01	51.3	---	---	---
	03/21/00	---	---	---	---	---	---	---	150	<5.0	<0.1	4	54	---	---	166	0.07	<0.1	0.9	7.41	<0.01	200	18	---	---	---	---	---	<0.01	47.7	---	---	---
	06/05/00	3	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	152	<5.0	<0.1	6	15	43	<0.015	152	<0.05	<0.1	<0.5	7.36	<0.010	195	16	5.37	<0.03	0.003	0.058	<0.01	<0.02	46	<0.03	<0.03	0.009
	08/28/00	---	---	---	---	---	---	---	158	<5.0	<0.1	7	48	---	---	160	0.13	<0.1	<0.5	7.38	0.012	190	<11	---	---	---	---	---	<0.02	46.9	---	---	---
	11/14/00	---	---	---	---	---	---	---	162	<5.0	<0.1	12	<10	---	---	142	0.08	<0.1	0.6	7.61	<0.01	198	12	---	---	---	---	---	<0.02	47.5	---	---	---
	04/24/01	<5.0	---	---	---	---	<10.0	0.01	140	<5.0	<0.1	10	<10	<5	<0.024	128	0.17	<0.04	0.3	7.07	<0.013	170	11	1.25	<0.03	<0.002	0.027	<0.01	<0.02	45.4	<0.03	<0.03	<0.005
	07/09/01	---	---	---	---	---	---	---	156	<5.0	<0.1	6	<10	---	---	122	0.15	<0.04	0.3	6.4	6.2	195	17	---	---	---	---	---	<0.02	48.1	---	---	---
	09/24/01	---	---	---	---	---	---	---	140	<5.0	<0.1	6	39	---	---	124	0.16	<0.04	1.5	7.27	<0.013	300	15	---	---	---	---	---	<0.02	45.4	---	---	---
	11/26/01	---	---	---	---	---	---	---	142	<5.0	<0.1	3	<10		---	152	0.12	<0.04	0.9	7.08	0.036	193	12	---	---	---	---	---	<0.02	51	---	---	---
	03/18/02	---	---	---	---	---	---	---	130	<5.0	<0.1	24	<10	---	---	200	0.19	<0.1	<0.8	7.4	0.025	279	24	---	---	---	---	---	<0.003	45.9	---	---	---
	06/17/02	<5.0	<5.0	---	---	---	<5.0	<0.01	144	21	<0.1	10	<10	<5.00	<0.010	272	0.18	<0.10	2.3	7.26	0.003	246	33	5	<0.025	0.004	<0.050	<0.0010	<0.0030	50	0.0088	<0.010	0.008
	09/09/02	---	---	---	---	---	---	---	155	<6	<0.10	4	<10	---	---	184	0.16	<0.10	1.3	7.77	<0.023	173	19	---	---	---	---	---	<0.0030	45	---	---	---
	11/04/02	---	---	---	---	---	---	---	147	<6	<0.020	6	19	---	---	140	0.36	<0.10	1.3	7.67	<0.013	244	129	---	---	---	---	---	<0.0030	46	---	---	---
	03/24/03	<5.0	<5.0				<5.0	<0.01	127	<6	<0.100	6	<10	<5.00	<0.015	166	0.15	<0.1	3.3	7.53	<0.023	174	40	1.9	<0.0050	<0.005	0.075	<0.0020	<0.0050	47	<0.010	<0.010	0.013
	06/02/03	---	---	---	---	---	---	---	130	<6	<0.100	5	28	---	---	130	0.07	<0.1	<1.0	7.52	<0.023	169	12	---	---	---	---	---	<0.0050	44	---	---	---
	09/08/03	---	---	---	---	---	---	---	158	<6	<0.100	5	75	---	---	174	0.34	<0.1	3.1	7.5	<0.036	183	29	---	---	---	---	---	<0.0050	49	---	---	---
	11/03/03	---	---	---	---	---	---	---	148	<6	<1.00	6	<10	---	---	158	0.13	<0.1	<1.2	7.52	<0.036	161	15	---	---	---	---	---	<0.0050	49	---	---	---
	03/15/04	---	---	---	---	---	---	---	137	<6	2	5	61	---	---	160	<0.05	<0.1	1.6	7.76	<0.025	175	16	---	---	---	---	---	<0.010	47			
	06/14/04	<5.0	<10.0	---	---	---	<5.0	<0.010	150	<6	<1.00	7	13	<5.00	<0.025	152	0.09	<0.1	1.4	7.62	<0.025	216	16	0.32	<0.0050	<0.005	<0.050	<0.0020	<0.010	49	<0.010	<0.020	<0.050
MW-38D	04/26/99	---	---	---	---	---	---	---	650	6	<0.1	10	239	---	---	186	0.09	1.9	9.3	7.66	0.228	172	16.7	---	---	---	---	---	<0.1	638	---	---	---
	07/19/99	---	---	---	---	---	---	---	203	<5	0.13	13	476	---	---	136	0.15	0.5	34.4	7.61	0.141	243	14	---	---	---	---	---	<0.1	668	---	---	---
	09/27/99	<2.0	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	210	<5	0.16	11	202	10	<0.01	62	0.07	0.2	2.5	7.63	<0.01	236	24	359	0.04	0.13	7.16	<0.6	<0.1	704	0.39	0.48	0.816
	12/13/99	---	---	---	---	---	---	---	203	10	0.13	11	154	---	---	160	<0.05	0.1	3.9	7.64	<0.010	277	14	---	---	---	---	---	<0.01	405	---	---	---
	03/21/00	---	---	---	---	---	---	---	215	11	0.17	10	132	---	---	400	<0.05	0.5	2	7.52	<0.01	258	16	---	---	---	---	---	0.01	545	---	---	---
	06/05/00	<2.0	<2.0	<10.0	<10.0	<10.0	<5.0	<0.01	205	<5	0.13	13	277	50	<0.015	270	<0.05	0.9	17.7	7.45	0.103	225	14	2.23	<0.03	0.022	3.2	<0.1	<0.02	460	<0.03	<0.03	<0.005
	08/28/00	---	---	---	---	---	---	---	190	<5	<0.1	12	336	---	---	220	<0.05	0.8	10.7	7.4	<0.01	250	<11	---	---	---	---	---	<0.02	590	---	---	---
	11/14/00	---	---	---	---	---	---	---	214	12	0.12	16	290	---	---	170	<0.05	0.3	12.9	7.61	0.07	237	<11	---	---	---	---	---	<0.02	660	---	---	---
	04/24/01	<5.0	---	---	---	---	<10.0	0.01	172	11	0.15	13	269	6	<0.024	170	0.13	0.19	3.5	7.27	<0.013	192	<20	11.5	<0.03	0.09	5.36	<0.01	<0.02	216	<0.03	<0.03	0.061
	07/09/01	---	---	---	---	---	---	---	176	<6	<0.1	16	65	---	---	440	0.13	0.08	10.8	7.54	0.021	220	24	---	---	---	---	---	<0.02	79.2	---	---	---
	09/24/01	---	---	---	---	---	---	---	200	7	0.15	17	304	---	---	2140	<0.05	0.44	34.8	7.37	<0.013	284	11	---	---	---	---	---	<0.02	590	---	---	---
	11/26/01	---	---	---	---	---	---	---	190	<5	<0.1	12	726	---	---	1540	<0.05	0.54	7.7	7.21	0.015	259	<10	---	---	---	---	---	<0.02	690	---	---	---
	03/18/02	---	---	---	---	---	---	---	160	6	<0.1	32	83	---	---	214	0.19	<0.1	4.7	7.83	<0.23	246	16	---	---	---	---	---	<0.003	115	---	---	---
	06/17/02	<5.0	<5.0	---	---	---	<5.0	<0.01	176	21	0.13	20	300	<5.00	<0.010	440	0.1	0.8	17.4	7.51	<0.013	266	20	4.2	<0.025	0.048	5.3	0.001	0.012	980	0.013	0.05	<0.0050
	09/09/02	---	---	---	---	---	---	---	186	6	<0.10	11	278	---	---	348	0.08	0.5	6.1	7.6	<0.023	126	26	---	---	---	---	---	<0.0030	90	---	---	---
	11/04/02	---	---	---	---	---	---	---	201	<6	0.14	13	365	---	---	590	0.27	<0.10	9.1	7.76	<0.013	316	151	---	---	---	---	---	0.007	91	---	---	---
	03/24/03	<5.0	<5.0				<5.0	<0.01	197	<6	<0.100	14	222	<5.00	<0.015	280	0.1	<0.1	5.3	7.53	<0.023	229	11	5.2	<0.0050	0.063	5.3	<0.0020	0.012	550	<0.010	0.046	0.0078
	06/02/03	---	---	---	---	---	---	---	195	<6	<0.100	12	100	---	---	250	0.07	0.3	1.2	7.49	<0.023	250	14	---	---	---	---	---	<0.0050	120	---	---	---
	09/08/03	---	---	---	---	---	---	---	186	<6	<0.100	13	242	---	---	410	<0.05	0.5	4.2	7.74	<0.036	225	<11	---	---	---	---	---	<0.0050	110	---	---	---
	11/09/03	---	---	---	---	---	---	---	201	<6	<1.00	13	113	---	---	890	0.19	<0.1	1.5	7.61	<0.036	236	<11	---	---	---	---	---	0.0079	310	---	---	---
	03/15/04	---	---	---	---	---	---	---	183	<6	<1.00	15	39	---	---	300	0.06	<0.1	2.7	7.99	<0.025	225	14	---	---	---	---	---	<0.010	46			
	06/14/04	<5.0	<10.0	---	---	---	<5.0	<0.010	190	<6	2	11	150	<5.00	<0.025	400	<0.05	<0.1	1.8	7.73	<0.025	269	<11	3.2	<0.0050	0.079	4.7	<0.0020	0.011	630	<0.010	0.04	<0.050

TABLE 1 - TOWN OF CONKLIN LANDFILL HISTORICAL ANALYTICAL DATA

Monitoring Well	Date Sampled	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Boron
Units		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
NYSDEC Groundwater Standard/Guidance Value		*0.3*	*0.025*	*35*	*0.3*	*0.0007*	*0.1*		*0.01*	*0.05*	*20*	*0.0005*		*2*	*1*
MW-1 Upgradient	04/26/99	2.1	<0.05	16.9	0.081	---	---	2.5	---	---	15.7	<0.01	0.003	0.11	---
	07/19/99	132	0.06	36.2	3.35	---	---	7.9	---	---	15.1	<0.01	0.09	0.33	---
	09/27/99	105	0.07	32.2	3.75	<0.0002	0.19	6.7	<0.002	<0.01	15.4	0.01	0.07	0.3	0.07
	12/13/99	25.7	0.021	19.4	0.714	---	---	4	---	---	16	<0.01	0.02	0.07	---
	03/21/00	15.5	0.014	16.9	0.594	---	---	2.5	---	---	15.2	<0.01	<0.02	0.1	---
	06/05/00	1.48	0.003	17.1	0.057	<0.0002	<0.02	2.1	<0.002	<0.01	16.4	<0.01	<0.02	0.01	0.04
	08/28/00	3.94	0.007	16	0.366	---	---	2.8	---	---	16.3	<0.01	<0.02	0.04	---
	11/14/00	7.92	0.007	16.4	0.246	---	---	3.1	---	---	16.6	<0.01	<0.02	0.03	---
	04/24/01	6.29	0.004	19	0.333	<0.0002	0.03	2.7	<0.002	<0.01	20.5	<0.01	<0.02	0.03	0.08
	07/09/01	0.06	<0.005	17	0.023	---	---	1.9	---	---	19.4	<0.01	<0.02	0.02	---
	09/24/01	25.1	0.014	25.1	6.838	---	---	4.1	---	---	19.6	<0.01	<0.02	0.11	---
	11/26/01	10.7	0.013	20.6	8.537	---	---	9.5	---	---	28	<0.01	<0.02	0.01	---
	03/18/02	12	0.094	20.6	6.542	---	---	3.5	---	---	20	<0.04	<0.02	0.075	---
	06/17/02	9.2	0.007	20	0.37	<0.0002	<0.02	3	<0.002	<0.005	20	<0.01	<0.02	0.038	0.054
	09/09/02	4	0.034	18	0.25	---	---	3.4	---	---	19	<0.040	<0.020	0.02	---
	11/04/02	2	0.014	18	0.074	---	---	2.7	---	---	18	<0.002	<0.020	0.0075	---
	03/24/03	0.9	0.003	17	0.045	<0.0002	<0.020	1.9	<0.010	<0.0050	19	<0.002	<0.020	0.011	<0.10
	06/02/03	1.2	0.007	17	0.2	---	---	<5.0	---	---	16	<0.002	<0.020	0.021	---
	09/08/03	1	0.01	18	0.14	---	---	<5.0	---	---	21	<0.002	<0.020	0.016	---
	11/03/03	0.071	<0.001	16	<0.0050	---	---	<5.0	---	---	21	<0.002	<0.020	<0.010	---
	03/15/04	0.33	<0.001	19	0.39			<5.0			17	<0.002	<0.020	0.014	
	06/14/04	0.15	<0.001	20	0.25	<0.0002	<0.020	<5.0	<0.005	<0.010	19	0.003	<0.020	0.014	<0.10
MW-3	04/26/99	161	0.14	28.9	3.77	---	---	11.6	---	---	17.3	<0.01	0.1	0.39	---
	07/19/99	56.7	0.04	20.4	3.07	---	---	5.1	---	---	40.9	<0.01	0.05	0.19	---
	09/27/99	29.1	0.05	16.5	3.36	<0.0002	0.08	2.7	<0.002	<0.01	30.2	<0.01	<0.02	0.06	0.02
	12/13/99	14.1	0.009	17.1	2.53	---	---	2.4	---	---	56	<0.01	<0.02	0.04	---
	03/21/00	17	0.029	8.74	2.30	---	---	1.1	---	---	11.2	<0.01	<0.02	0.05	---
	06/05/00	22.4	0.011	9.54	2.06	<0.0002	<0.02	2.4	<0.002	<0.01	9.6	<0.01	<0.02	0.04	<0.02
	08/28/00	4.28	0.004	11.3	1.81	---	---	1.2	---	---	36.9	<0.01	<0.02	0.01	---
	11/14/00	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	04/24/01	46.3	0.24	13.9	7.99	0.0005	0.07	2.5	0.002	<0.01	10	<0.01	0.03	0.22	<0.02
	07/09/01	203	0.15	67.1	6.06	---	---	6.9	---	---	106	0.02	0.11	0.56	---
	09/24/01	20.9	0.013	25.7	4.71	---	---	2.9	---	---	121	<0.01	<0.02	0.06	---
	11/26/01	3.48	<0.005	11.1	1.92	---	---	0.7	---	---	77	<0.01	<0.02	0.01	---
	03/18/02	19.2	0.123	8.7	13.1	---	---	1	---	---	10	<0.04	<0.02	0.071	---
	06/17/02	50	0.03	19	7.5	<0.0002	0.036	4.5	<0.002	<0.050	44	0.018	0.02	0.14	<0.010
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	16	0.13	13	1.6	---	---	3.3	---	---	44	<0.002	<0.20	0.055	---
	03/24/03	8.9	0.005	8.6	4.4	<0.0002	<0.020	1.1	<0.010	<0.0050	43	<0.002	<0.020	0.038	<0.10
	06/02/03	8	0.051	10	4.7	---	---	<5.0	---	---	26	<0.002	<0.020	0.05	---
	09/08/03	6.1	0.028	17	7.2	---	---	<5.0	---	---	116	<0.002	<0.020	0.032	---
	11/03/03	28	0.047	12	3.8	---	---	<5.0	---	---	15	<0.002	<0.020	0.07	---
	03/15/04	30	0.002	9.4	4.5			<5.0			46	<0.002	<0.020	<0.010	
	06/14/04	10	0.01	10	3.2	<0.0002	<0.020	<5.0	<0.0050	<0.010	12	<0.002	<0.020	0.024	<0.10
MW-4	04/26/99	106	0.17	19.2	6.1	---	---	10.6	---	---	6.2	<0.01	0.1	0.27	---
	07/19/99	11.6	0.013	7.15	0.687	---	---	2.4	---	---	5.9	<0.01	0.02	0.03	---
	09/27/99	18.2	0.05	9.54	1.56	<0.0002	0.04	2.4	<0.002	<0.01	6.2	<0.01	<0.02	0.05	0.02
	12/13/99	4.29	0.006	7.22	0.249	---	---	1.1	---	---	6	<0.01	<0.02	0.1	---
	03/21/00	7.03	0.009	7.14	0.374	---	---	1.3	---	---	6	<0.01	<0.02	0.013	---
	06/05/00	5.27	0.007	7.07	0.293	<0.0002	<0.02	1.8	<0.002	<0.01	6.1	<0.01	<0.02	0.02	<0.02
	08/28/00	7.4	0.008	6.87	0.534	---	---	1.7	---	---	5.9	<0.01	<0.02	0.02	---
	11/14/00	0.21	<0.002	6.72	0.035	---	---	0.6	---	---	6	<0.01	<0.02	<0.01	---
	04/24/01	19.9	0.03	9.17	3.61	<0.0002	0.03	2.3	<0.002	<0.01	6.2	<0.01	0.02	0.06	0.02
	07/09/01	8.87	0.012	8	3.99	---	---	1.6	---	---	6.7	<0.01	<0.02	0.07	---
	09/24/01	5.61	<0.005	7.07	0.286	---	---	1.5	---	---	6.2	<0.01	<0.02	0.02	---
	11/26/01	2.74	0.104	6	0.345	---	---	1.2	---	---	6	<0.01	<0.02	<0.01	---
	03/18/02	2.3	0.015	7.6	0.571	---	---	1	---	---	6	<0.04	<0.02	0.012	---
	06/17/02	45	0.06	16	3.8	<0.0002	0.053	4.4	<0.002	<0.0050	6.6	0.012	0.027	0.16	<0.010
	09/09/02	19	0.12	8.5	1.3	---	---	4.1	---	---	5.7	<0.040	0.024	0.039	---
	11/04/02	3.9	0.028	7.7	0.2	---	---	2.1	---	---	5.6	<0.002	<0.020	0.0091	---
	03/24/03	0.75	0.001	7.6	0.046	<0.0002	<0.020	<1.0	<0.010	<0.0050	5.9	<0.002	<0.020	<0.010	<0.10
	06/02/03	0.78	0.002	7.5	0.062	---	---	<5.0	---	---	5.7	<0.002	<0.020	<0.010	---
	09/08/03	8.7	0.01	8.5	0.26	---	---	<5.0	---	---	6.9	<0.002	<0.020	0.017	---
	11/03/03	3.6	0.03	8.3	0.52	---	---	<5.0	---	---	6.6	<0.002	<0.020	0.012	---
	03/15/04	3.5	0.007	8.1	0.35			<5.0			6.4	<0.002	<0.020	0.011	
	06/14/04	0.32	0.001	6.1	0.049	<0.0002	<0.020	<5.0	<0.005	<0.010	5.6	<0.002	<0.020	<0.010	<0.10
MW-12	04/26/99	99.9	0.1	27	9.53	---	---	10.4	---	---	12.1	<0.01	0.07	0.3	---
	07/19/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	09/27/99	125	0.06	22.5	16	<0.0002	0.22	5.9	<0.002	<0.01	5.6	0.01	0.06	0.32	0.05
	12/13/99	137	0.07	28	16.5	---	---	4.9	---	---	15	0.01	0.06	0.33	---
	03/21/00	11.3	0.021	11.6	6.92	---	---	1.4	---	---	11.6	<0.01	<0.02	0.06	---
	06/05/00	72	0.034	20.5	4.48	<0.0002	0.14	4.1	<0.002	<0.01	14.3	<0.01	0.1	0.16	0.04
	08/28/00	63.5	0.03	16.2	18.8	---	---	3.8	---	---	6.5	<0.01	0.04	0.14	---
	11/14/00	46.8	0.014	12.6	2.33	---	---	3.2	---	---	13.5	<0.01	0.03	0.11	---
	04/24/01	10.9	0.008	11.1	1.09	<0.0002	0.03	1.5	<0.002	<0.01	13.1	<0.01	<0.02	0.04	0.02
	07/09/01	18.7	0.01	17	1.55	---	---	4	---	---	17.1	<0.01	0.03	0.07	---
	09/24/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/26/01	10.5	0.006	12.6	16.1	---	---	1.5	---	---	7	<0.01	<0.02	0.05	---
	03/18/02	2.9	0.019	13.3	2.38			0.9			13	<0.04	<0.02	0.088	
	06/17/02	4.9	<0.005	10	6.43	<0.0002	<0.020	1	<0.002	<0.0050	13	<0.010	<0.020	0.016	<0.010
	09/09/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	11/04/02	24	0.18	12	16	---	---	2.6	---	---	4.6	0.006	<0.020	0.075	---
	03/24/03	2.7	0.007	6.6	4.3	<0.0002	<0.020	<1.0	<0.010	<0.0050	12	<0.002	<0.020	<0.010	<0.10
	06/02/03	3	0.006	9.1	0.96	---	---	<5.0	---	---	11	<0.002	<0.020	0.025	---
	09/08/03	4.2	0.019	9.4	2.2	---	---	<5.0	---	---	13	<0.002	<0.020	0.029	---
	11/03/03	2.7	0.008	8.2	1.5	---	---	<5.0	---	---	11	<0.002	<0.020	0.033	---
	03/15/04	22	0.016	14	2.5			5.7			12	<0.002	0.023	0.098	
	06/14/04	2.9	0.006	13	1.9	<0.0002	<0.020	<5.0	<0.0050	<0.010	10	<0.002	<0.020	0.03	<0.10

TABLE 1 - TOWN OF CONKLIN LANDFILL HISTORICAL ANALYTICAL DATA

Monitoring Well	Date Sampled	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Boron
Units		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
NYSDEC Groundwater Standard/Guidance Value		0.3	0.025	35	0.3	0.0007	0.1		0.01	0.05	20	0.0005		2	1
MW-37	04/26/99	9.8	<0.05	9.2	0.21	---	---	9.2	---	---	9.7	<0.01	0.007	0.03	---
	07/19/99	159	0.008	31.9	2.91	---	---	19.5	---	---	12	<0.01	0.13	0.39	---
	09/27/99	6.57	0.004	7.08	0.186	<0.0002	0.02	9.6	<0.002	<0.01	10.1	<0.01	<0.02	0.02	0.02
	12/13/99	31.5	0.02	11.4	0.879	---	---	9	---	---	10	<0.01	0.03	0.08	---
	03/21/00	2.55	0.008	6.63	0.373	---	---	6.2	---	---	9.5	<0.01	<0.02	0.02	---
	06/05/00	7.48	0.006	7.58	0.28	<0.0002	<0.02	11.6	<0.002	<0.01	10.8	<0.01	<0.02	0.03	<0.02
	08/28/00	2.36	0.006	6.49	0.242	---	---	9.2	---	---	10.1	<0.01	0.04	0.01	---
	11/14/00	8.41	0.003	6.57	0.04	---	---	6	---	---	10.4	<0.01	<0.02	<0.01	---
	04/24/01	1.81	<0.001	6.68	0.087	<0.0002	<0.02	5.9	<0.002	<0.01	8.9	<0.01	<0.02	<0.01	<0.02
	07/09/01	5.78	0.009	6.7	0.172	---	---	9.5	---	---	9.9	<0.01	<0.02	0.04	---
	09/24/01	3.93	0.005	6.64	0.14	---	---	10.8	---	---	10.4	<0.01	<0.02	0.02	---
	11/26/01	8.18	<0.005	8	0.276	---	---	7.4	---	---	10	<0.01	<0.02	0.03	---
	03/18/02	2.7	0.02	7.1	0.073	---	---	5.1	---	---	9	<0.04	<0.02	0.009	---
	06/17/02	8.1	0.007	6.1	0.44	<0.0002	<0.020	12	<0.002	<0.0050	11	0.013	<0.020	0.046	<0.010
	09/09/02	8.1	0.049	7.1	0.22	---	---	8.9	---	---	9	<0.040	<0.020	0.015	---
	11/04/02	4.8	0.03	7	0.13	---	---	6.8	---	---	8.5	<0.002	<0.020	0.012	---
	03/24/03	2.8	0.007	6.8	0.29	<0.0002	<0.020	4.2	<0.010	<0.0050	7.8	<0.002	<0.020	0.015	<0.10
	06/02/03	1.1	0.004	6.2	0.089	---	---	5.8	---	---	8.3	<0.002	<0.020	<0.010	---
	09/08/03	2.8	0.018	7.1	0.41	---	---	7.7	---	---	10	<0.002	<0.020	0.013	---
	11/03/03	0.64	0.001	6.5	0.039	---	---	6.4	---	---	9.7	<0.002	<0.020	<0.010	---
	03/15/04	3.8	0.003	7.1	0.12			5.7			8.7	<0.002	<0.020	<0.010	
	06/14/04	8.5	0.004	6.6	0.073	<0.0002	<0.020	11	<0.005	<0.010	9.8	<0.002	<0.020	<0.010	<0.10
MW-38D	04/26/99	4580	2.32	995	165	---	---	48.1	---	---	37.4	<0.02	1.2	8.65	---
	07/19/99	1149	1.4	314	1.34	---	---	25.9	---	---	47.8	0.04	0.23	4.4	---
	09/27/99	794	0.5	248	128	0.0012	1.14	16	<0.002	<0.1	50	0.08	0.23	2.3	0.3
	12/13/99	12.5	0.005	54.4	78.7	---	---	4.1	---	---	81	<0.01	<0.02	0.03	---
	03/21/00	53.3	0.006	99.7	93.2	---	---	4.7	---	---	45.2	<0.01	<0.02	0.11	---
	06/05/00	28	0.002	67.3	93.3	0.0003	0.07	4.2	<0.002	0.01	49.7	<0.01	<0.02	0.03	0.08
	08/28/00	56.4	0.017	89.2	98.9	---	---	4.8	---	---	48.1	<0.01	<0.02	0.08	---
	11/14/00	41.8	<0.002	108	123	---	---	5.5	---	---	53	<0.01	<0.2	<0.07	---
	04/24/01	18.8	0.08	29.5	35.8	<0.0002	0.04	4.9	<0.002	<0.01	47.4	<0.01	<0.02	0.08	0.07
	07/09/01	338	0.18	77.8	11.9	---	---	8.7	---	---	40.9	<0.02	0.1	0.62	---
	09/24/01	52.1	<0.005	97	100	---	---	4.8	---	---	47	<0.01	<0.1	0.08	---
	11/26/01	41.7	<0.005	102	150	---	---	4.6	---	---	56	<0.01	<0.02	0.04	---
	03/18/02	10	0.122	16.4	17.1	---	---	3.8	---	---	43	<0.04	<0.02	0.036	---
	06/17/02	49	<0.005	100	180	<0.0002	<0.020	7.8	<0.002	<0.0050	60	0.014	<0.20	0.085	<0.010
	09/09/02	8.6	0.12	15	11	---	---	3.8	---	---	41	<0.040	<0.020	0.038	---
	11/04/02	65	0.53	26	10	---	---	6.2	---	---	41	0.008	0.035	0.2	---
	03/24/03	50	0.003	96	92	<0.0002	<0.020	6.6	<0.010	0.0055	50	<0.002	<0.020	0.07	<0.10
	06/02/03	7.8	0.078	17	16	---	---	6.4	---	---	43	<0.002	<0.020	0.042	---
	09/08/03	11	0.078	16	14	---	---	6.2	---	---	47	<0.002	<0.020	0.04	---
	11/03/03	36	0.057	50	48	---	---	7.2	---	---	52	<0.002	<0.020	0.093	---
	03/15/04	5.7	0.015	11	2.3	---	---	7	---	---	41	<0.002	<0.020	0.035	
	06/14/04	49	0.004	97	89	<0.0002	<0.020	7	0.0006	<0.010	56	0.005	<0.020	0.081	<0.10

TABLE 2 - UPGRADIENT GROUNDWATER - STATISTICAL ANALYSIS

Monitoring Well	Date Sampled	Alkalinity	Bromide	Chloride	COD	Hardness, Total	Nitrate as N	Nitrogen, Ammonia	Total Kjeldahl	Phenols, Total	Total Dissolved	Sulfate	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Sodium	Thallium	Vanadium	Zinc	Boron
Units		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
MW-1 Upgradient	04/26/99	221	0.1	1	10	216	0.22	1.8	2.3	0.037	286	24.9	---	---	---	---	59	---	---	---	2.1	0.05	16.9	0.081	---	2.5	15.7	0.01	0.003	0.11	---
	07/19/99	207	0.1	2	21	206	0.15	0.1	3.7	0.010	262	24	---	---	---	---	66.4	---	---	---	132	0.06	35.2	3.35	---	7.9	15.1	0.01	0.09	0.33	---
	09/27/99	242	0.1	7	64	330	0.16	0.1	1.8	0.010	267	27	55.8	0.03	0.084	0.48	75.2	0.06	0.07	0.14	105	0.07	32.2	3.76	0.18	8.7	15.4	0.01	0.07	0.3	0.07
	12/13/99	211	0.1	2	87	262	0.05	0.1	1.4	0.010	386	27.4	---	---	---	---	63.1	---	---	---	25.7	0.021	19.4	0.714	---	4	18	0.01	0.02	0.07	---
	03/21/00	233	0.1	2	42	230	0.05	0.1	0.9	0.010	316	32	---	---	---	---	63.6	---	---	---	15.5	0.014	16.9	0.584	---	2.5	15.2	0.01	0.02	0.1	---
	06/05/00	221	0.1	4	24	298	0.05	0.1	0.5	0.010	260	28	1.18	0.03	0.002	0.033	61	0.03	0.03	0.005	1.48	0.003	17.1	0.057	0.02	2.1	18.4	0.01	0.02	0.01	0.04
	08/28/00	240	0.1	5	85	218	0.09	0.1	1.3	0.013	264	11	---	---	---	---	67.6	---	---	---	3.84	0.007	18	0.366	---	2.8	18.3	0.01	0.02	0.04	---
	11/14/00	224	0.1	4	12	220	0.05	0.1	0.8	0.010	1201	19	---	---	---	---	66.4	---	---	---	7.92	0.007	18.4	0.246	---	3.1	18.8	0.01	0.02	0.03	---
	04/24/01	23.6	0.1	4	14	208	0.1	0.04	0.5	0.013	252	12	4.36	0.03	0.003	0.056	57.8	0.03	0.03	0.008	6.29	0.004	19	0.333	0.03	2.7	20.5	0.01	0.02	0.03	0.06
	07/09/01	228	0.1	4	10	178	0.06	0.04	0.3	0.013	266	15	---	---	---	---	69	---	---	---	0.06	0.005	17	0.023	---	1.9	19.4	0.01	0.02	0.02	---
	09/24/01	242	0.1	11	29	110	0.06	0.04	1.4	0.013	472	16	---	---	---	---	61.5	---	---	---	25.1	0.014	25.1	0.838	---	4.1	19.6	0.01	0.02	0.11	---
	11/26/01	206	0.1	2	21	250	0.06	0.04	1.4	0.013	404	18	---	---	---	---	72.8	---	---	---	10.7	0.013	20.6	0.537	---	9.5	26	0.01	0.02	0.01	---
	03/18/02	250	0.1	35	213	320	0.09	0.1	0.8	0.023	266	29	---	---	---	---	63.6	---	---	---	12	0.094	20.8	0.542	---	3.5	20	0.04	0.02	0.075	---
	06/17/02	226	0.1	11	28	226	0.07	0.1	0.9	0.013	275	15	6.2	0.025	0.004	0.052	64	0.007	0.01	0.007	9.2	0.007	20	0.37	0.02	3	20	0.01	0.02	0.038	0.054
	09/09/02	240	0.1	3	24	220	0.07	0.1	1.6	0.023	239	22	---	---	---	---	60	---	---	---	4	0.034	18	0.25	---	3.4	19	0.04	0.02	0.02	---
	11/04/02	250	0.02	4	10	252	0.05	0.1	0.9	0.013	326	142	---	---	---	---	61	---	---	---	2	0.014	18	0.074	---	2.7	16	0.002	0.02	0.0075	---
	03/24/03	243	0.1	3	10	220	0.05	0.1	2.4	0.103	264	14	0.89	0.005	0.005	0.05	62	0.01	0.01	0.0067	0.8	0.003	17	0.045	0.02	1.9	19	0.002	0.02	0.011	0.1
	06/02/03	233	0.1	4	58	234	0.05	0.1	1	0.029	288	16	---	---	---	---	67	---	---	---	1.2	0.007	17	0.2	---	5	18	0.002	0.02	0.021	---
	09/08/03	241	0.1	2	10	176	0.05	0.1	2.5	0.036	295	18	---	---	---	---	65	---	---	---	1	0.01	18	0.14	---	5	21	0.002	0.02	0.016	---
	11/03/03	244	1	3	26	220	0.38	0.1	1.3	0.036	232	11	---	---	---	---	84	---	---	---	0.071	0.001	18	0.005	---	5	21	0.002	0.02	0.01	---
	03/15/04	258	2	5	16	250	0.05	0.1	1	0.025	221	12	---	---	---	---	59				0.33	0.001	19	0.39		5	17	0.002	0.02	0.014	
	06/14/04	236	1	3	17	232	0.05	0.1	1	0.025	116	11	0.058	0.005	0.005	0.05	84	0.01	0.02	0.05	0.15	0.001	20	0.25	0.02	5	19	0.003	0.02	0.014	0.1
MW-37 Upgradient	04/26/99	155	0.1	3	10	166	0.06	1.9	2.5	0.009	217	22.2	---	---	---	---	48.6	---	---	---	9.6	0.05	8.2	0.21	---	8.2	9.7	0.01	0.007	0.03	---
	07/19/99	155	0.1	5	118	142	0.16	0.1	8.1	0.01	214	24	---	---	---	---	56.8	---	---	---	159	0.008	31.9	2.91	---	19.5	12	0.01	0.13	0.39	---
	09/27/99	153	0.1	27	15	156	0.13	0.1	0.5	0.01	178	26	3.62	0.03	0.004	0.05	47.8	0.03	0.02	0.005	5.57	0.004	7.08	0.186	0.02	9.6	10.1	0.01	0.02	0.02	0.02
	12/13/99	157	0.1	4	25	216	0.06	0.1	0.6	0.1	139	12	---	---	---	---	51.3	---	---	---	31.5	0.02	11.4	0.879	---	9	10	0.01	0.03	0.08	---
	03/21/00	150	0.1	4	54	166	0.07	0.1	0.9	0.01	200	18	---	---	---	---	47.7	---	---	---	2.55	0.008	6.63	0.373	---	6.2	9.5	0.01	0.02	0.02	---
	06/05/00	152	0.1	6	15	152	0.05	0.1	0.5	0.01	195	16	5.37	0.03	0.003	0.058	49	0.03	0.03	0.009	7.46	0.006	7.58	0.28	0.02	11.6	10.6	0.01	0.02	0.03	0.02
	08/28/00	158	0.1	7	48	160	0.13	0.1	0.5	0.012	190	11	---	---	---	---	46.9	---	---	---	2.36	0.006	6.49	0.242	---	9.2	10.1	0.01	0.04	0.01	---
	11/14/00	162	0.1	12	10	142	0.08	0.1	0.6	0.01	198	12	---	---	---	---	47.5	---	---	---	0.41	0.003	6.57	0.04	---	8	10.4	0.01	0.02	0.01	---
	04/24/01	140	0.1	10	10	128	0.17	0.04	0.3	0.013	170	11	1.25	0.03	0.002	0.027	45.4	0.03	0.03	0.005	1.81	0.001	6.68	0.067	0.02	5.9	8.9	0.01	0.02	0.01	0.02
	07/09/01	156	0.1	6	10	122	0.15	0.04	0.3	0.2	195	17	---	---	---	---	48.1	---	---	---	5.76	0.009	6.7	0.172	---	9.5	9.9	0.01	0.02	0.04	---
	09/24/01	140	0.1	6	39	124	0.16	0.04	1.5	0.013	300	15	---	---	---	---	45.4	---	---	---	3.93	0.005	6.64	0.14	---	10.8	10.4	0.01	0.02	0.02	---
	11/26/01	142	0.1	3	10	152	0.12	0.04	0.9	0.036	193	12	---	---	---	---	51	---	---	---	9.18	0.005	8	0.276	---	7.4	10	0.01	0.02	0.03	---
	03/18/02	130	0.1	24	10	200	0.19	0.1	0.8	0.025	279	24	---	---	---	---	45.9	---	---	---	2.7	0.02	7.1	0.073	---	5.1	9	0.04	0.02	0.009	---
	06/17/02	144	0.1	10	10	272	0.18	0.1	2.3	0.083	246	33	5	0.025	0.004	0.05	50	0.0088	0.01	0.008	9.1	0.007	8.1	0.44	0.02	12	11	0.013	0.02	0.046	0.01
	09/09/02	155	0.1	4	10	184	0.16	0.1	1.3	0.023	173	19	---	---	---	---	45	---	---	---	6.1	0.049	7.1	0.22	---	8.9	9	0.04	0.02	0.015	---
	11/04/02	147	0.02	6	19	140	0.36	0.1	1.3	0.013	244	129	---	---	---	---	46	---	---	---	4.6	0.03	7	0.13	---	6.8	8.5	0.002	0.02	0.012	---
	03/24/03	127	0.1	6	10	166	0.15	0.1	3.3	0.023	174	40	1.9	0.005	0.005	0.075	47	0.01	0.01	0.013	2.6	0.007	6.8	0.29	0.02	4.2	7.8	0.002	0.02	0.015	0.1
	06/02/03	130	0.1	5	28	130	0.07	0.1	1	0.023	169	12	---	---	---	---	44	---	---	---	1.1	0.004	6.2	0.089	---	5.8	8.3	0.002	0.02	0.01	---
	09/08/03	158	0.1	5	75	174	0.34	0.1	3.1	0.036	183	29	---	---	---	---	49	---	---	---	2.8	0.018	7.1	0.41	---	7.7	10	0.002	0.02	0.013	---
	11/03/03	148	1	6	10	158	0.13	0.1	1.2	0.036	161	15	---	---	---	---	49	---	---	---	0.54	0.001	6.5	0.039	---	6.4	9.7	0.002	0.02	0.01	---
	03/15/04	137	2	5	61	180	0.05	0.1	1.6	0.025	175	16	---	---	---	---	47				3.6	0.003	7.1	0.12		5.7	8.7	0.002	0.02	0.01	
	06/14/04	150	1	7	13	152	0.09	0.1	1.4	0.025	218	16	0.32	0.005	0.005	0.05	49	0.01	0.02	0.05	0.5	0.004	6.8	0.073	0.02	11	9.6	0.002	0.02	0.01	0.1
Mean	= AVERAGE	185.6	0.3	6.6	32.8	196.8	0.1	0.2	1.5	0.028	262.9	24.4	7.2	0.021	0.0	0.09	56.1	0.022	0.024	0.025	14.5	0.016	14.2	0.5	0.03	6.4	14.2	0.010	0.025	0.051	0.058
Standard Deviation	= STDEVP	50.7	0.5	6.6	37.6	53.2	0.1	0.3	1.3	0.034	160.6	25.6	14.8	0.011	0.0	0.12	8.9	0.015	0.016	0.038	33.3	0.020	7.8	0.6	0.04	3.5	4.9	0.010	0.021	0.084	0.034
Count	= COUNT	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	13.0	13.0	13.0	13.0	43.0	13.0	13.0	13.0	43.0	43.0	43.0	43.0	13.00	43.0	43.0	43.0	43.0	43.0	13.0
Confidence Interval	= CONFIDENCE (99%)	19.9	0.2	2.6	14.8	20.9	0.0	0.1	0.5	0.013	63.1	10.0	10.6	0.008	0.0	0.09	3.5	0.011	0.011	0.027	13.1	0.008	3.1	0.3	0.03	1.4	1.9	0.004	0.008	0.033	0.025
Lower Limit	= MEAN-CONFIDENCE	165.7	0.1	4.0	18.0	175.9	0.1	0.1	0.9	0.015	199.8	14.4	-3.4	0.013	0.005	0.00	52.6	0.011	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.006	[illegible]	0.018	0.033
Upper Limit	= MEAN+CONFIDENCE	205.5	0.4	9.2	47.5	217.7	0.1	0.3	2.0	0.041	326.0	34.4	17.7	0.029	0.026	[illegible]	59.6	0.033	0.035	[illegible]	[illegible]	[illegible]	[illegible]	0.8	[illegible]	[illegible]	[illegible]	0.014	[illegible]	[illegible]	[illegible]

Note - Analytical results reported as less than MDL are inputted = to MDL.

TABLE 3 - GROUNDWATER DATA COMPARISON WITH UPPER CONFIDENCE INTERVAL - JUNE 2004 MONITORING EVENT

PARAMETERS	UNITS	UPPER CONFIDENCE LEVEL FOR THE AVERAGE	MW-3	MW-4	MW-12	MW-38D
Alkalinity	mg/l	205	107	95	115	190
Bromide	mg/l	0.447	<1.00	<1.00	<1.00	2
Chloride	mg/l	9.232	27	11	9	11
COD	mg/l	47.519	29	17	24	150
Hardness, Total	PtCo	218	128	120	168	400
Nitrate as N	mg/l	0.147	<0.05	0.09	<0.05	<0.05
Nitrogen, Ammonia	mg/l	0.276	<0.1	<0.1	<0.1	<0.1
Total Kjeldahl Nitrogen	mg/l	1.97	<1.0	<1.0	2.2	1.6
Phenols, Total	mg/l	0.041	<0.025	<0.025	<0.025	<0.025
Total Dissolved Solids	Units	326	462	66	166	269
Sulfate	mg/l	34.4	15	<11	13	<11
Aluminum	mg/l	17.7	1.1	0.49	3.4	3.2
Antimony	mg/l	0.029	<0.0050	<0.0050	<0.0050	<0.0050
Arsenic	mg/l	0.026	0.014	<0.005	<0.005	0.079
Barium	mg/l	0.17	0.13	<0.050	0.31	4.7
Calcium	mg/l	59.65	39	31	43	530
Chromium	mg/l	0.033	<0.010	<0.010	<0.010	<0.010
Cobalt	mg/l	0.036	<0.020	<0.020	<0.020	0.04
Copper	mg/l	0.053	<0.050	<0.050	<0.050	<0.050
Iron	mg/l	27.63	10	0.32	2.9	49
Lead	mg/l	0.024	0.01	0.001	0.006	0.004
Magnesium	mg/l	17.26	10	8.1	13	87
Manganese	mg/l	0.793	3.2	0.049	6	89
Nickel	mg/l	0.056	<0.020	<0.020	<0.020	<0.020
Potassium	mg/l	7.74	<5.0	<5.0	<5.0	7
Sodium	mg/l	16.10	12	5.6	10	55
Thallium	mg/l	0.019	<0.002	<0.020	<0.002	0.005
Vanadium	mg/l	0.033	<0.020	<0.020	<0.020	<0.020
Zinc	mg/l	0.039	0.024	<0.010	0.03	0.061
Boron	mg/l	0.082	<0.10	<0.10	<0.10	<0.10

Shading denotes value greater than upper confidence level for the average

[1]The upper confidence level for the average is based on the mean plus the 99% confidence interval. The 99% Confidence interval is calculated from the standard deviation.

TABLE 4 - HISTORICAL SURFACE WATER ANALYTICAL RESULTS

Parameter		Class C	SW-CARLIN																				
Date Sampled		**Std.**	**3/15/2004**	**6/14/2004**	**4/26/1999**	**7/19/1999**	**9/27/1999**	**12/13/1999**	**3/21/2000**	**6/5/2000**	**8/28/2000**	**11/14/2000**	**4/24/2001**	**7/9/2001**	**9/24/2001**	**11/26/2001**	**3/18/2002**	**6/17/2002**	**9/9/2002**	**11/4/2002**	**3/24/2003**	**6/2/2003**	**9/8/2003**	**11/3/2003**
Alkalinity	mg/l		23	45	22	Dry	28	21	19	30	Dry	32	24	156	DRY	32	30	70	Dry	33	15	28	37	30
Ammonia	mg/l		<0.1	<0.1	1.8		<0.1	<0.1	<0.1	<0.1		<0.1	<0.04	<0.04		<0.04	<0.1	<0.10		<0.10	<0.1	<0.1	<0.1	<0.1
BOD	mg/l		<6	<6	<5		<5	<5	<5	<5		<5	<5	<5		<5	7	<5		<6	10	<6	<6	<6
Chloride	mg/l		35	28	20		56	26	24	14		33	28	6		50	42	20		42	26	18	24	22
COD	mg/l		<10	<10	227		12	21	11	64		<10	12	<10		21	<10	19		<10	<10	28	<10	<10
Hexavalent Chromium				<0.01			<0.01			<0.01			<0.01					<0.01			<0.01			
Nitrate	mg/l		0.05	0.06	0.21		0.45	0.06	0.11	<0.05		0.23	0.09	0.15		0.51	0.2	0.16		0.42	0.5	0.24	0.25	0.09
pH	SU		7.34	7.11	6.99		6.73	7.54	7.92	7.3		7.32	7.55	6.4		7.25	7.21	7.21		7.04	7.39	7.48	7.15	7.05
Phenol	mg/l		0.065	<0.025	0.022		<0.010	<0.010	<0.010	<0.010		<0.010	<0.013	0.2		<0.013	0.069	<0.013		<0.013	<0.023	0.027	0.051	<0.036
TDS	mg/l		88	24	98		96	193	72	92		109	98	195		189	145	58		161	70	101	96	112
Sulfate	mg/l		<11	15	9.5		18	15	13	14		14	<10	17		13	12	14		26	20	14	29	11
TKN	mg/l		<1.0	1.1	2		<0.5	0.6	0.5	<0.5		0.5	0.8	0.3		1	<0.8	1		0.9	2.3	1.4	1.7	<1.2
TOC	mg/l		<1.0	2	2.1		2.5	1.7	1.8	1.8		2	1.5	0.93		3.2	2	3.7		2.4	1.9	3.1	2.3	6
Hardness	mg/l		90	72	44		50	120	40	60		48	60	122		80	110	44		76	32	36	<2	40
Color	color units			<5			<5			10			<5					<5			<5			
Cyanide	mg/l			<0.025			0.012			<0.015			<0.024								<0.015			
Bromide	mg/l		<1.00	<1.00	<0.1		<0.1	<1	<0.1	<0.1		<0.1	<0.1	<0.1		<0.1	<0.1	<0.10		<0.020	<0.100	<0.100	<0.100	<1.00
Silver	mg/l			<0.010			<0.01			<0.01			<0.01					<0.0050			<0.0050			
Aluminum	mg/l			<0.050			<0.03			<0.04			<0.06					0.19			0.51			
Arsenic	mg/l			<0.005			<0.002			<0.002			0.006					<0.002			<0.005			
Boron	mg/l			<0.10			0.03			<0.02			<0.02					<0.010			<0.10			
Barium	mg/l			<0.050			0.01			0.011			0.011					<0.050			<0.050			
Beryllium	mg/l			<0.0020			<0.002			<0.01			<0.01					<0.001			<0.0020			
Calcium	mg/l		12	15	9.36		12.8	10.6	9.22	9.51		15.4	10.5	48.1		20.9	13.7	11		16	8.9	9.4	13	9.8
Cadmium	mg/l		<0.010	<0.010	<0.01		<0.01	<0.01	<0.01	<0.02		<0.02	<0.02	<0.02		<0.02	<0.003	<0.003		<0.0030	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	mg/l			<0.020			<0.02			<0.03			<0.03					<0.010			<0.010			
Chromium	mg/l			<0.010			<0.03			<0.03			<0.03					<0.0030			<0.010			
Copper	mg/l			<0.050			<0.005			<0.005			<0.005					<0.0050			<0.0050			
Iron	mg/l		0.08	0.11	0.18		<0.05	<0.05	0.1	<0.05		0.12	0.07	5.76		0.08	0.05	0.27		<0.050	0.75	0.38	<0.050	0.07
Mercury	mg/l			<0.0002			<0.0002			<0.0002			<0.0002					<0.0002			<0.0002			
Potassium	mg/l		<5	<5.0	1.4		2.1	1.2	1.2	1.5		1.7	1.3	9.5		2.3	1.4	1.2		2.2	1.1	<5.0	<5	<5
Magnesium	mg/l		<5	<5.0	2.54		3.33	2.95	2.51	2.56		3.78	2.72	6.7		5.4	3.9	3		4.2	2.3	<5.0	<5	<5
Manganese	mg/l		<0.0050	0.19	0.006		<0.005	<0.005	0.012	<0.005		0.072	<0.005	0.172		0.007	<0.005	0.007		<0.0050	0.078	0.011	0.0064	<0.0050
Sodium	mg/l		17	18	13.6		17.7	14	14.1	11.5		16.7	15.9	9.9		29	21	11		18	13	12	17	11
Nickel	mg/l			<0.020			<0.02			<0.03			<0.02					<0.020			<0.020			
Lead	mg/l		<0.001	<0.001	<0.05		<0.003	<0.002	<0.002	<0.001		0.003	<0.001	0.009		<0.005	<0.008	<0.005		<0.0080	<0.001	<0.001	<0.001	<0.001
Antimony	mg/l			<0.0050			<0.03			<0.03			<0.03					<0.025			<0.0050			
Selenium	mg/l			<0.005			<0.002			<0.002			<0.002					<0.002			<0.010			
Thallium	mg/l		<0.002	<0.002	<0.01		<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		<0.010	<0.04	<0.010		<0.002	<0.002	<0.002	<0.002	<0.002
Vanadium	mg/l		<0.020	<0.020	<0.002		<0.02	<0.02	<0.02	<0.02		<0.02	<0.02	<0.02		<0.020	<0.02	<0.020		<0.020	<0.020	<0.020	<0.020	<0.020
Zinc	mg/l		0.018	<0.010	<0.01		<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	0.04		<0.01	<0.005	<0.050		<0.0050	<0.010	<0.010	<0.010	<0.010
SW846/8260B VOC	ug/l			ND			ND			ND								ND			ND			
Napthalene	ug/l												6.5											

** Arsenic - dissolved arsenic form.*

** Cadmium* (0.85)exp(0.7852 {ln (hardness)}-2.715

** Chromium* (0.86)exp(0.819 {ln (hardness)} +0.6848

** Copper* (0.96)exp(0.8545 {ln (hardness)}-1.702

** Lead* {1.46203-[ln (hardness) (0.145712)]}exp(1.273 [ln (hardness)]-4.297

** Nickel* (0.997)exp(0.846 [ln (hardness)]+0.0584)

**Berylium - Class GA Standard is 11 ug/l when hardness < 75 ppm, 1100 ug/l when hardness > 75 ppm.*

** Zinc* exp(0.85 {ln (ppm hardness)}-+.5)

***dichlorobenzenes-* applies to the sum of 1,2 , 1,3 , and 1,4-dichlorobenzene

LEACHATE HISTORICAL ANALYTICAL DATA

Parameter	Units	Monitoring Frequency	[redacted]	9/27/2000	10/16/2001	5/7/2002	9/4/2003	10/14/2004
Cadmium	mg/l	Each Discharge		<0.010	<0.010	<0.010	<0.010	<0.02
Chromium	mg/l	Each Discharge		0.115	<0.020	<0.020	0.025	<0.02
Copper	mg/l	Each Discharge		<0.020	0.12	0.034	0.042	0.044
Cyanide	mg/l	Each Discharge		<0.004	<0.004	<0.004	<0.004	<0.004
Iron	mg/l	Each Discharge		0.976	1.4	0.66	0.577	0.79
Lead	mg/l	Each Discharge		<0.005	0.032	0.01	0.004	0.001
Mercury	mg/l	Each Discharge		<0.001	<0.001	<0.0008	<0.001	<0.0008
Nickel	mg/l	Each Discharge		0.064	<0.040	<0.040	<0.040	<0.02
Zinc	mg/l	Each Discharge		0.156	0.7	0.069	0.117	0.117
O&G	mg/l	Each Discharge		15.9	<5	<5	<5	<5
PCBs	mg/l	Each Discharge		ND	ND	ND	ND	<0.065
pH	SU	Each Discharge		7.76	7.09	7.92	7.34	7.83
Arsenic	mg/l	Each Discharge		<0.010	<0.010	<0.010	<0.010	0.02
Silver	mg/l	Each Discharge		<0.010	0.012	<0.010	<0.010	<0.01
Ammonia	mg/l	Each Discharge		0.05	0.75	0.02	0.2	0.16
TKN	mg/l	Each Discharge		<0.5	1.26	<0.5	0.51	2.27
TSS	mg/l	Each Discharge		65	10	19	12	5
BOD5	mg/l	Each Discharge		2	<2	<2	<2	8
Flashpoint	mg/l	Each Discharge		>176	>176	>176	>176	>176
TTOs	mg/l	Each Discharge		ND	ND	ND	ND	ND

SITE INSPECTION RECORD FORM

This summary inspection checklist is to be completed during each site inspection at least once per month. Note all items which require repair or maintenance. Use the last page to annotate any additional comments, unusual events or information observed during this inspection.

Name of Inspector(s): Dennis R. Shimer

Date of Inspection: 3/19/98

Arrival Time: 2:00 Departure Time: 2:45

Weather Conditions: Cloudy Temperature: 40 °F

Reason For Visit: B-JC STP Sampling & Inspection

General Inspection (Monthly)

	OK:	Comments:
Site Entrance	✓	
Access Roads	✓	
Overall Appearance (litter/trash)	✓	
Treatment Building Exterior	✓	
Building Interior		
Heater	✓	
Heat Tracing	✓	
Exhaust Ventilation	✓	
Lighting	✓	
Building Sump	✓	
Bar Grating	✓	
Perimeter Fence and Gates	✓	

Leachate Storage System Inspection (Monthly)

	OK:	Comments:
Storage Tank and Pipe Venting	✓	
Secondary Containment Dike	✓	
De-Icing System	✓	
Level Control System	✓	
Treatment Building Sump Pump	✓	
Transfer Pump	✓	
Filtration Canisters	✓	not used
Bag filters	✓	

Leachate Collection System Inspection (Monthly)

	OK:	Comments:
Pump Station (Structure)	✓	
Leachate Collection Trench Manholes	✓	
Leachate Collection Trench Piping	✓	
Pump Station Pump		Level High!
Recovery Wells		
Well Pumps	✓	
Well Casing	✓	
Monitoring Wells (casings)	✓	Ck'd Need Repairs
Recovery Well Metering Pit		
Flow Meters	✓	
Meter Control Panel	✓	
Meter Pit (Structure)	✓	
Pump Control Panel	✓	

+/- 9000 Gal in Tank

Landfill Cover Inspection (Monthly)

	OK:	Comments:
Final Cover	______	__________________
Landfill Slope	______	__________________
Gas Vents	______	__________________
Vegetative Cover	______	__________________
Drainage Down Chute	______	__________________
Perimeter Drainage	______	__________________

Inspection Data Measurements

Flow Meter/Totalizer Readings (Monthly)

	Flow Rate (gpm)	Current Reading	-	Previous Reading	=	Total(gallons)
RW-1	__________	________	-	________	=	________
RW-2	__________	________	-	________	=	________
RW-3	__________	________	-	________	=	________
Pump Station Pump	__________	________	-	________	=	________

Leachate Level in Storage Tank

Pneumercator Level Indicator ______________ gallons

Pump Control Panel Meter ______________ gallons

Leachate Discharge to Sewer ______________ gallons

Well Level Measurements (Quarterly)

	Top of Casing Elev. (ft)	-	Depth to Water (ft)	=	Water Level Elev. (ft)
MW-1	947.30	-	____	=	____
MW-2	926.92	-	____	=	____
MW-3	891.88	-	____	=	____
MW-4	898.72	-	____	=	____
MW-12	901.51	-	____	=	____
MW-37	909.01	-	____	=	____
MW-38S	889.49	-	____	=	____
MW-38D	888.61	-	____	=	____
LW-14	926.24	-	____	=	____

Notes/Explanations:

(Please indicate additional information on those items which require attention indicated above)

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

APPLICATION FOR VARIANCE FROM 6 NYCRR 360

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

FOR STATE USE ONLY	
PROJECT NO.	DATE RECEIVED
DEPARTMENT ACTION ☐ Approved ☐ Disapproved	DATE

1. OWNER'S NAME	2. ADDRESS (Street, City, State, Zip Code)	3. Telephone No.
TOWN OF CONKLIN	1271 Conklin Road, Conklin, New York 13748	607-775-1434

4. OPERATOR'S NAME	5. ADDRESS (Street, City, State, Zip Code)	6. Telephone No.
TOWN OF CONKLIN	1271 Conklin Road, Conklin, New York 13748	607-775-1434

7. ENGINEER'S NAME	8. ADDRESS (Street, City, State, Zip Code)	9. Telephone No.
C&S ENGINEERS, INC.	499 Col. Eileen Collins Boulevard, Syracuse, NY 13212	(315) 455-2000

10. PROJECT/FACILITY NAME
Town of Conklin Landfill (Closed); Owner Name: Town of Conklin

11. PROJECT STATUS	12. COUNTY IN WHICH FACILITY IS LOCATED	13. ENVIRONMENTAL CONSERVATION REGION
☒ Public ☐ Private ☐ Proposed ☐ Existing	Broome County	Region 7

14. DESCRIBE SPECIFIC LOCATION OF FACILITY
The Town of Conklin Landfill is located west of Broome Parkway (County Road 322) in the Town of Conklin, Broome County, New York.

15. TYPE OF PROJECT FACILITIES: ☐ Composting ☐ Transfer ☐ Shredding ☐ Baling ☐ Sanitary Landfill ☐ Incineration ☐ Pyrolysis ☐ Resource Recovery-Energy ☐ Resource Recovery-Materials ☒ Other INACTIVE HAZARDOUS WASTE SITE

16. BRIEFLY DESCRIBE THE PROJECT INCLUDING THE BASIC PROCESS AND MAJOR COMPONENTS
The Town of Conklin Landfill is a 37-acre parcel owned by the Town of Conklin. Previously, the Town of Conklin Landfill site consisted of two landfilled areas, referred to as the Upper and Lower Landfills. Landfilling operations began at the site in 1964 and consisted of approximately 47,000 cubic yards of waste contained in the Lower Landfill and 55,000 cubic yards of waste contained in the Upper Landfill. The Town of Conklin Landfill accepted primarily municipal solid waste; however some industrial wastes may have been disposed of within the Upper Landfill. In 1975, the NYSDEC issued a closure order for the Landfill.

17. SPECIFIC PROVISION OF 6 NYCRR 360 FROM WHICH A VARIANCE IS REQUESTED:	Paragraph	Variance Request No.
Section: 6 NYCRR Part 360-2.11(c) (4) (ii) (a)		

18. BRIEFLY DESCRIBE PROPOSED VARIANCE
The Proposed Variance is to modify the current Town of Conklin Landfill Post-Closure monitoring program from quarterly monitoring to a fifth quarter monitoring schedule. As part of the Proposed Variance, monitoring for baseline parameters would be completed on the 6 existing groundwater monitoring wells and 1 surface water monitoring locations on a fifth quarter rotating basis. Consistent with the existing monitoring program, landfill leachate would continue to be monitored on an annual basis.

19. IMPACTS OF VARIANCE APPROVAL OR DISAPPROVAL:

a. Environmental Impact:

Approval of the Proposed Variance will have no substantive impact on environmental conditions. Post-Closure monitoring, as indicated by the historic monitoring database, has adequately defined groundwater quality characteristics proximate to the site. As groundwater quality conditions have stabilized following closure of the landfill, it is anticipated that monitoring every fifth quarter will provide sufficient information for assessing groundwater quality characteristics and provide an adequate "warning" of potential impacts to the local groundwater quality and/or identify the need to initiate contingency water quality monitoring.

b. Economic Impact:

Continued compliance with the requirements of 6 NYCRR Part 360-2.11(c)(4)(ii)(a) would continue to impose a financial burden on the Town of Conklin. NYSDEC acceptance of this Proposed Variance, however, would be expected to provide relief to the Town of Conklin in terms of Post-Closure Financial requirements.

20. CERTIFICATION:

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statement made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

______________________ Date

______________________ Signature and Title

CENTRAL OFFICE COPY