70405

Village of Endicott
Industrial Pretreatment Dept.
1009 E. Main St.
Endicott, New York 13760

December 6, 2005

Ms. Sherrel Henry
U.S. Environmental Protection Agency, Region II
Emergency & Remediation Response Division
290 Broadway
New York, New York 10007-1866

Re: Endicott Landfill
Operable Unit 2
Endicott, New York

Dear Ms. Henry:

Enclosed please find a copy of our quarterly Landfill Inspection Report (October, 2005 – December, 2005).

If you have any questions, please call me at 1-607-757-5307.

Sincerely,

Philip Grayson

Philip Grayson
Sewage Pretreatment Administrator

Cc: Ms. Sally Dewes, P.E., DEC
Mr. James Burke, P.E., DEC
Ms. Jean McCreary, EJ
Mr. Tom Morris, IBM
Mr. John Bernardo, Town of Union
Mayor Pulse, Village of Endicott

POST CLOSURE INSPECTION FORM

Checklist

A. Capped Area

Capped area will be inspected by traversing the cover and observing for the following items:

		No	Yes
1.	Is there bare, dead or damaged grassed area?	X	___
2.	Is there evidence of cracks or subsidence?	X	___
3.	Is there evidence of burrowing by animals?	X	___
4.	Is there any deep-rooted vegetation present?	X	___
5.	Is there any erosion damage to grassed areas?	X	___

Comments: *(Required for each Yes answer)*

_____

_____

_____

B. Paved Areas and Access Roads

The paved areas and access roads on the property will be inspected by traversing their entire length and observing for the following:

		No	Yes
1.	Is there any erosion damage to road/paved surface?	X	___
2.	Are there substantial potholes?	X	___
3.	Is there evidence of cracks or subsidence?	X	___

Comments: *(Required for each Yes answer)*

_____

_____

_____

C. Site Drainage System

The drainage system will be inspected by traversing the full length of the system and examining for the following:

		No	Yes
Over-Cover Drainage			
1.	Is there any erosion damage to swales?	X	___
2.	Is there any debris in swales?	X	___
3.	Is there any sloughing of cap system?	X	___
Perimeter Drainage			
1.	Is there any erosion damage to drainage ditch?	X	___
2.	Is there any debris or sediment in drainage ditch?	X	___
3.	Seeps Observed	___	X

Comments: *(Required for each Yes answer)*

On the Southern edge a small seep, 1ft by 3ft, was observed. A small amount of rust colored soil is present.

D. Monitoring Wells

Monitoring wells will be inspected for the following:

		No	Yes
1.	Is there any damage to the lock or locking cap?	X	___
2.	Is there any evidence of erosion of soils in the immediate area around the well casing?	X	___
3.	Is concrete collar cracked or settled?	X	___

Comments: *(Required for each Yes answer)*

E. Gas Vents

Gas vents will be inspected for the following:

		No	Yes
1.	Is there any damage to the risers?	X	___
2.	Are any insert screens broken or missing?	X	___

Comments: *(Required for each Yes answer)*

3. Description of Air Monitoring Activities *(indicate readings)*

F. Security

Site security of the facility will be inspected by examining the following items:

		No	Yes
1.	Is there any damage to gates?	X	___
2.	Are there any damaged, missing or obstructed warning signs?	X	___

Comments: *(Required for each Yes answer)*

Philip Grayson
Inspector

Philip Grayson
Signature

12/6/05
Date

Village of Endicott
Industrial Pretreatment Dept.
c/o 1009 E. Main St.
Endicott, New York 13760

September 30, 2005

USEPA, Region II
Emergency and Remediation Response Division
290 Broadway
New York, New York 10007

Attn: Sherrel Henry

Re: Supplemental Purge Well ,
Endicott Wellfield Site

Dear Ms. Henry:

Pursuant to EPA's approval of the Village of Endicott's proposal for a reduction in the frequency of monitoring and analysis for the Supplemental Purge Well, I am submitting a report for the 3rd quarter of 2005 containing the water level readings of the supplemental purge well as well as copies of the required laboratory analysis of the SPW and the final effluent.

The average daily flows for the months contained in the this reporting period are:

July, 2005.....	639,371 gal/day (344 gal/min)
August, 2005.....	627,306 gal/day (337 gal/min)
September, 2005.....	614,633 gal/day (341 gal/min)

In addition, summaries of daily SPW flows, a listing of detectable VOC's and water level readings for the year 2005 are also contained.

If you have any questions concerning this report, please call me at 1-607-757-5352.

Sincerely,

Philip Grayson

Philip Grayson
Sewage Pretreatment Admin.

cc: NYSDEC, Sally Dewes, P.E.
NYSDEC, James Burke, P.E.
Malcom Prinie, Bruce Nelson
Village of Endicott File

FLI
FRIEND LABORATORY INC

32 ITHACA STREET WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

NY 10252 NJ 73168
PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Philip Grayson

Order Number: 0507-01056
Date Reported: 8/5/2005
Date Received: 7/27/2005
Invoice Number: 19753
Customer Number: E050
Customer PO:
Certification Date: 8/5/2005

Subject:
8260

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
001	**SPW072605G Grab 7/26/2005 7:30 Client**					
	8260 Total Volatiles				SW-846 8260B	8/1/05, 19:23, FE
	Acetone	U	ug/L	25		8/1/05, 19:23, FE
	Acrolein	U	ug/L	20		8/1/05, 19:23, FE
	Acrylonitrile	U	ug/L	20		8/1/05, 19:23, FE
	Allyl Chloride	U	ug/L	5		8/1/05, 19:23, FE
	Benzene	1	ug/L	0.7		8/1/05, 19:23, FE
	Bromodichloromethane	U	ug/L	5		8/1/05, 19:23, FE
	Bromomethane	U	ug/L	5		8/1/05, 19:23, FE
	Bromochloromethane	U	ug/L	5		8/1/05, 19:23, FE
	Bromoform	U	ug/L	5		8/1/05, 19:23, FE
	2-Butanone	U	ug/L	25		8/1/05, 19:23, FE
	n-Butylbenzene	U	ug/L	5		8/1/05, 19:23, FE
	Bromobenzene	U	ug/L	5		8/1/05, 19:23, FE
	sec-Butylbenzene	U	ug/L	5		8/1/05, 19:23, FE
	tert-Butylbenzene	U	ug/L	5		8/1/05, 19:23, FE
	Carbon Disulfide	U	ug/L	5		8/1/05, 19:23, FE
	Carbon Tetrachloride	U	ug/L	5		8/1/05, 19:23, FE
	Chlorobenzene	U	ug/L	5		8/1/05, 19:23, FE
	Chloroethane	18	ug/L	5		8/1/05, 19:23, FE
	Chloroform	U	ug/L	5		8/1/05, 19:23, FE
	Chloromethane	U	ug/L	5		8/1/05, 19:23, FE
	2-Chlorotoluene	U	ug/L	5		8/1/05, 19:23, FE
	4-Chlorotoluene	U	ug/L	5		8/1/05, 19:23, FE
	2-Chloroethylvinyl ether	U	ug/L	5		8/1/05, 19:23, FE
	Dibromochloromethane	U	ug/L	5		8/1/05, 19:23, FE
	Dichlorodifluoromethane	U	ug/L	5		8/1/05, 19:23, FE
	Dibromomethane	U	ug/L	5		8/1/05, 19:23, FE
	1,2-Dichloroethane	U	ug/L	5		8/1/05, 19:23, FE
	1,1-Dichloroethene	U	ug/L	5		8/1/05, 19:23, FE
	1,3-Dichloropropane	U	ug/L	5		8/1/05, 19:23, FE
	1,1-Dichloroethane	U	ug/L	5		8/1/05, 19:23, FE
	1,2-Dichloropropane	U	ug/L	5		8/1/05, 19:23, FE
	1,2-Dibromoethane	U	ug/L	5		8/1/05, 19:23, FE
	1,2-Dibromo-3-chloropropane	U	ug/L	5		8/1/05, 19:23, FE
	trans-1,4-Dichloro-2-butene	U	ug/L	5		8/1/05, 19:23, FE
	trans-1,2-Dichloroethene	U	ug/L	5		8/1/05, 19:23, FE
	trans-1,3-Dichloropropene	U	ug/L	5		8/1/05, 19:23, FE
	cis-1,2-Dichloroethene	23	ug/L	5		8/1/05, 19:23, FE
	cis-1,3-Dichloropropene	U	ug/L	5		8/1/05, 19:23, FE
	2,2-Dichloropropane	U	ug/L	5		8/1/05, 19:23, FE
	1,2-Dichlorobenzene	U	ug/L	2		8/1/05, 19:23, FE

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ND or U = analyte not detected
B = analyte was detected in the method or trip blank
< = less than the indicated value
ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
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Certification Date: 8/5/2005

Subject:
8260

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
001	**SPW072605G Grab 7/26/2005 7:30 Client**					
	.....continued					
	1,3-Dichlorobenzene	U	ug/L	2		8/1/05, 19:23, FE
	1,4-Dichlorobenzene	U	ug/L	2		8/1/05, 19:23, FE
	Ethylbenzene	U	ug/L	5		8/1/05, 19:23, FE
	1,1-Dichloropropene	U	ug/L	5		8/1/05, 19:23, FE
	2-Hexanone	U	ug/L	10		8/1/05, 19:23, FE
	Hexachlorobutadiene	U	ug/L	5		8/1/05, 19:23, FE
	Iodomethane	U	ug/L	5		8/1/05, 19:23, FE
	p-Isopropyltoluene	U	ug/L	5		8/1/05, 19:23, FE
	Methylene Chloride	U	ug/L	5		8/1/05, 19:23, FE
	4-Methyl-2-pentanone	U	ug/L	10		8/1/05, 19:23, FE
	Methyl Tert Butyl Ether	U	ug/L	5		8/1/05, 19:23, FE
	Naphthalene	U	ug/L	5		8/1/05, 19:23, FE
	n-Propylbenzene	U	ug/L	5		8/1/05, 19:23, FE
	iso-Propylbenzene	U	ug/L	5		8/1/05, 19:23, FE
	Styrene	U	ug/L	5		8/1/05, 19:23, FE
	1,1,1,2-Tetrachloroethane	U	ug/L	5		8/1/05, 19:23, FE
	1,1,2,2-Tetrachloroethane	U	ug/L	5		8/1/05, 19:23, FE
	Tetrachloroethene	U	ug/L	5		8/1/05, 19:23, FE
	Toluene	U	ug/L	5		8/1/05, 19:23, FE
	Trichloroethene	U	ug/L	5		8/1/05, 19:23, FE
	Trichlorofluoromethane	U	ug/L	5		8/1/05, 19:23, FE
	1,2,3-Trichlorobenzene	U	ug/L	5		8/1/05, 19:23, FE
	1,2,4-Trichlorobenzene	U	ug/L	5		8/1/05, 19:23, FE
	1,1,1-Trichloroethane	U	ug/L	5		8/1/05, 19:23, FE
	1,1,2-Trichloroethane	U	ug/L	5		8/1/05, 19:23, FE
	1,2,3-Trichloropropane	U	ug/L	5		8/1/05, 19:23, FE
	1,1,2-Trichloro-2,2,1-trifl	U	ug/L	5		8/1/05, 19:23, FE
	1,2,4-Trimethylbenzene	U	ug/L	5		8/1/05, 19:23, FE
	1,3,5-Trimethylbenzene	U	ug/L	5		8/1/05, 19:23, FE
	Vinyl Acetate	U	ug/L	5		8/1/05, 19:23, FE
	Vinyl Chloride	28	ug/L	2		8/1/05, 19:23, FE
	o-Xylene	U	ug/L	5		8/1/05, 19:23, FE
	m- & p-Xylenes	U	ug/L	5		8/1/05, 19:23, FE
	Dibromofluoromethane (Surr)	106	% Rec			8/1/05, 19:23, FE
	Toluene-d8 (Surr)	102	% Rec			8/1/05, 19:23, FE
	4-Bromofluorobenzene (Surr)	100	% Rec			8/1/05, 19:23, FE
	1,2-Dichloroethane-d4 (Surr	102	% Rec			8/1/05, 19:23, FE
002	**Eff072605G Grab 7/26/2005 13:30 Client**					

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	.....continued					
	8260 Total Volatiles				SW-846 8260B	8/1/05, 19:53, FE
	Acetone	U	ug/L	25		8/1/05, 19:53, FE
	Acrolein	U	ug/L	20		8/1/05, 19:53, FE
	Acrylonitrile	U	ug/L	20		8/1/05, 19:53, FE
	Allyl Chloride	U	ug/L	5		8/1/05, 19:53, FE
	Benzene	U	ug/L	0.7		8/1/05, 19:53, FE
	Bromodichloromethane	U	ug/L	5		8/1/05, 19:53, FE
	Bromomethane	U	ug/L	5		8/1/05, 19:53, FE
	Bromochloromethane	U	ug/L	5		8/1/05, 19:53, FE
	Bromoform	U	ug/L	5		8/1/05, 19:53, FE
	2-Butanone	U	ug/L	25		8/1/05, 19:53, FE
	n-Butylbenzene	U	ug/L	5		8/1/05, 19:53, FE
	Bromobenzene	U	ug/L	5		8/1/05, 19:53, FE
	sec-Butylbenzene	U	ug/L	5		8/1/05, 19:53, FE
	tert-Butylbenzene	U	ug/L	5		8/1/05, 19:53, FE
	Carbon Disulfide	U	ug/L	5		8/1/05, 19:53, FE
	Carbon Tetrachloride	U	ug/L	5		8/1/05, 19:53, FE
	Chlorobenzene	U	ug/L	5		8/1/05, 19:53, FE
	Chloroethane	U	ug/L	5		8/1/05, 19:53, FE
	Chloroform	U	ug/L	5		8/1/05, 19:53, FE
	Chloromethane	U	ug/L	5		8/1/05, 19:53, FE
	2-Chlorotoluene	U	ug/L	5		8/1/05, 19:53, FE
	4-Chlorotoluene	U	ug/L	5		8/1/05, 19:53, FE
	2-Chloroethylvinyl ether	U	ug/L	5		8/1/05, 19:53, FE
	Dibromochloromethane	U	ug/L	5		8/1/05, 19:53, FE
	Dichlorodifluoromethane	U	ug/L	5		8/1/05, 19:53, FE
	Dibromomethane	U	ug/L	5		8/1/05, 19:53, FE
	1,2-Dichloroethane	U	ug/L	5		8/1/05, 19:53, FE
	1,1-Dichloroethene	U	ug/L	5		8/1/05, 19:53, FE
	1,3-Dichloropropane	U	ug/L	5		8/1/05, 19:53, FE
	1,1-Dichloroethane	U	ug/L	5		8/1/05, 19:53, FE
	1,2-Dichloropropane	U	ug/L	5		8/1/05, 19:53, FE
	1,2-Dibromoethane	U	ug/L	5		8/1/05, 19:53, FE
	1,2-Dibromo-3-chloropropane	U	ug/L	5		8/1/05, 19:53, FE
	trans-1,4-Dichloro-2-butene	U	ug/L	5		8/1/05, 19:53, FE
	trans-1,2-Dichloroethene	U	ug/L	5		8/1/05, 19:53, FE
	trans-1,3-Dichloropropene	U	ug/L	5		8/1/05, 19:53, FE
	cis-1,2-Dichloroethene	U	ug/L	5		8/1/05, 19:53, FE
	cis-1,3-Dichloropropene	U	ug/L	5		8/1/05, 19:53, FE
	2,2-Dichloropropane	U	ug/L	5		8/1/05, 19:53, FE

Key: E = estimated value
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Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
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Attn: Philip Grayson

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SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
002	**Eff072605G Grab 7/26/2005 13:30 Client**					
	.....continued					
	1,2-Dichlorobenzene	U	ug/L	2		8/1/05, 19:53, FE
	1,3-Dichlorobenzene	U	ug/L	2		8/1/05, 19:53, FE
	1,4-Dichlorobenzene	U	ug/L	2		8/1/05, 19:53, FE
	Ethylbenzene	U	ug/L	5		8/1/05, 19:53, FE
	1,1-Dichloropropene	U	ug/L	5		8/1/05, 19:53, FE
	2-Hexanone	U	ug/L	10		8/1/05, 19:53, FE
	Hexachlorobutadiene	U	ug/L	5		8/1/05, 19:53, FE
	Iodomethane	U	ug/L	5		8/1/05, 19:53, FE
	p-Isopropyltoluene	U	ug/L	5		8/1/05, 19:53, FE
	Methylene Chloride	U	ug/L	5		8/1/05, 19:53, FE
	4-Methyl-2-pentanone	U	ug/L	10		8/1/05, 19:53, FE
	Methyl Tert Butyl Ether	U	ug/L	5		8/1/05, 19:53, FE
	Naphthalene	U	ug/L	5		8/1/05, 19:53, FE
	n-Propylbenzene	U	ug/L	5		8/1/05, 19:53, FE
	iso-Propylbenzene	U	ug/L	5		8/1/05, 19:53, FE
	Styrene	U	ug/L	5		8/1/05, 19:53, FE
	1,1,1,2-Tetrachloroethane	U	ug/L	5		8/1/05, 19:53, FE
	1,1,2,2-Tetrachloroethane	U	ug/L	5		8/1/05, 19:53, FE
	Tetrachloroethene	U	ug/L	5		8/1/05, 19:53, FE
	Toluene	U	ug/L	5		8/1/05, 19:53, FE
	Trichloroethene	U	ug/L	5		8/1/05, 19:53, FE
	Trichlorofluoromethane	U	ug/L	5		8/1/05, 19:53, FE
	1,2,3-Trichlorobenzene	U	ug/L	5		8/1/05, 19:53, FE
	1,2,4-Trichlorobenzene	U	ug/L	5		8/1/05, 19:53, FE
	1,1,1-Trichloroethane	U	ug/L	5		8/1/05, 19:53, FE
	1,1,2-Trichloroethane	U	ug/L	5		8/1/05, 19:53, FE
	1,2,3-Trichloropropane	U	ug/L	5		8/1/05, 19:53, FE
	1,1,2-Trichloro-2,2,1-trifl	U	ug/L	5		8/1/05, 19:53, FE
	1,2,4-Trimethylbenzene	U	ug/L	5		8/1/05, 19:53, FE
	1,3,5-Trimethylbenzene	U	ug/L	5		8/1/05, 19:53, FE
	Vinyl Acetate	U	ug/L	5		8/1/05, 19:53, FE
	Vinyl Chloride	U	ug/L	2		8/1/05, 19:53, FE
	o-Xylene	U	ug/L	5		8/1/05, 19:53, FE
	m- & p-Xylenes	U	ug/L	5		8/1/05, 19:53, FE
	Dibromofluoromethane (Surr)	108	% Rec			8/1/05, 19:53, FE
	Toluene-d8 (Surr)	103	% Rec			8/1/05, 19:53, FE
	4-Bromofluorobenzene (Surr)	100	% Rec			8/1/05, 19:53, FE
	1,2-Dichloroethane-d4 (Surr	102	% Rec			8/1/05, 19:53, FE

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Approved By: _____
Jason Homrighaus, Technical Director

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Friend Laboratory Inc.
32 Ithaca Street, Waverly, NY 14892
Phone:(607)565-3500 Fax:(607)565-4083
NY #10252, PA #68180, NJ #73168, EPA #NY00033

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Client Information

Name: Village of Endicott WWTP
Address: 1009 E. Main St
Endicott, NY 13760
Contact: Philip Grayson
Phone: 757-5352
Fax:
Quote ID:
Rush TAT Bus. Days: <2 2-5 5-7 7-10
Carbon Copy: Yes
Fax Results: Yes
Email: Yes

Billing/Invoice:
PO#:
Date Req.:

Analysis Requested

8260 reg.

507-1056

Glass / 45 / HCl

Receiving Info (Lab Use Only)

Cooler ID:
Cooler Type:
Cooler Temp:
On Ice: YES NO
Cooler Seal: YES NO
Shipping Carrier:
Shipping Number/Cost:

Container Material
Container Size(in Ml)
Preservative

Sample Information

Description/Location	Date	Time	Initial	Matrix Type	Number of Containers for Analysis Requested		Comments/Field Data
SPW072605G	7/26/05	730 am	PG	H2O Grab	2	-1	
SFF072605G	7/26/05	139 pm	PG	H2O Grab	2	-2	

	Print Name and Company	Signature	Date/Time
Relinquished:	Village of Endicott WWTP Philip Grayson	[signature]	10:15 Am 7/27/05
Received:		[signature] 7/27/05	10:30
Relinquished:			
Received:		Tona Jones	7/27/05 1156

Notes, Information, Instructions, Etc.

Supplemental Purge Well
Monthly Analysis: VOC's
2005 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						Results in ug/L							
Vinyl Chloride	22	x	x	x	22	x	28	x	x		x	x	72
Chloromethane	<5	x	x	x	<5	x	<5	x	x		x	x	0
Chloroethane	15	x	x	x	15	x	18	x	x		x	x	48
Methylene Chloride	<5	x	x	x	<5	x	<5	x	x		x	x	0
Dichlorodifluoromethane	<5	x	x	x	<5	x	<5	x	x		x	x	0
Trichloroethene	<5	x	x	x	<5	x	<5	x	x		x	x	0
1,1-Dichloroethane	<5	x	x	x	<5	x	<5	x	x		x	x	0
1,1-Dichloroethene	<5	x	x	x	<5	x	<5	x	x		x	x	0
cis-1,2-Dichloroethene	<5	x	x	x	21	x	23	x	x		x	x	44
cis-1,3-Dichloropropene	<5	x	x	x	<5	x	<5	x	x		x	x	0
Chlorobenzene	<5	x	x	x	<5	x	<5	x	x		x	x	0
Benzene	<5	x	x	x	1.4	x	1	x	x		x	x	2.4
Toluene	<5	x	x	x	<5	x	<5	x	x		x	x	0
Chloroform	<5	x	x	x	<5	x	<5	x	x		x	x	0
m-Xylene & p-Xylene	<5	x	x	x	<5	x	<5	x	x		x	x	0
Total VOC's	**37**	**x**	**x**	**x**	**59.4**	**x**	**70**	**x**	**x**	**0**	**x**	**x**	**166.4**

Final Effluent
Monthly Analysis: VOC's
2005 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Results in ug/L												
Vinyl Chloride	<2				<2		<2						0
Chloromethane	<5				<5		<5						0
Chloroethane	<5				<5		<5						0
Methylene Chloride	<5				<5		<5						0
Dichlorodifluoromethane	<5				<5		<5						0
Trichloroethene	<5				<5		<5						0
1,1-Dichloroethane	<5				<5		<5						0
1,1-Dichloroethene	<5				<5		<5						0
cis-1,2-Dichloroethene	<5				<5		<5						0
cis-1,3-Dichloropropene	<5				<5		<5						0
Chlorobenzene	<5				<5		<5						0
Benzene	<5				<0.7		<0.7						0
Toluene	<5				<5		<5						0
Chloroform	<5				<5		<5						0
Bromodichloromethane	<5				<5		<5						0
m-Xylene & p-Xylene	<5				<5		<5						0
Total VOC's	**0**	**x**	**x**	**x**	**0**	**x**	**0**	**x**	**x**	**0**	**x**	**x**	**0**

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2005

Well No.	Time	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D		800.03	797.83	Flooded	798.83	799.53	799.73	797.73	791.93	795.03			
EW-8		801.94	801.74	809.24	802.54	798.44	797.54	796.64	795.44	795.49			
EW-9		801.51	801.31	Flooded	802.01	797.86	797.11	796.21	795.01	795.06			
EW-11													
EW-12		801.03	800.83	810.73	801.53	797.43	796.63	795.73	795.58	794.68			
EW-14		804.64	804.94	Flooded	803.04	799.84	799.24	794.64	797.84	794.94			
MW-3		802.37	802.22	814.82	802.77	798.72	797.92	797.52	797.02	797.07			
MW-6D		804.05	803.75	812.45	804.7	800.55	799.75	798.65	797.45	797.45			
MW-8D													
MW-9D		807.17	806.77	814.77	807.97	803.67	802.67	801.57	800.27	800.27			
MW-7S		804.61	804.21	813.51	804.91	801.31	800.11	799.41	798.51	798.41			
MW-7D		807.48	806.78	813.88	809.73	804.08	801.73	800.68		799.58			
MW-11		804.81	804.61	817.31	805.86	802.51	801.61	800.61	799.51	799.46			
MW-12		804.64	804.44	816.24	804.99	801.94	800.44	809.04	795.24	798.49			
MW-13D		801.49	803.34	Flooded	803.84	797.79	796.79	791.09	792.19	795.09			
MW-21		804.26	804.06	810.56	805.06	800.76	799.56	798.66	797.26	797.36			
MW-22D		803.73	803.43	811.53	804.53	800.33	799.28	798.23	796.93	796.93			
MW-25D		805.82	805.32	813.02	806.52	802.02	801.12	799.92	798.72	798.62			
MW-29		804.21	804.01	Flooded	803.96	798.31	794.41	790.91	792.11	794.71			
MW-30		801.17	800.97	811.27	801.62	797.47	796.72	794.77	794.67	794.77			
MW-31		800.9	800.7	810.6	801.4	797.3	796.50	795.60	794.45	794.55			
MW-32		802.85	801.95	Flooded	802.65	798.75	797.95	796.95	795.85	795.95			
MW-33		801.37	801.17	Flooded	801.87	797.77	796.97	806.07	794.87	794.97			
MW-34		801.17	800.97	Flooded	801.62	797.47	795.77	795.77	794.07	794.77			
MW-35		801.34	801.04	810.84	801.84	797.64	796.89	795.94	794.79	794.94			
SPW		800.37	800.17	810.07	800.87	796.77	795.97	795.07	793.97	794.07			

Suppemental Purge Well
Daily Flow Readings: 2005
Gal./Day

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	660,000	685,000	680,000	707,000	705,500	655,000	644,000	657,500	623,000	0	0	0
2	702,500	675,000	675,000	712,000	705,500	625,000	637,000	636,000	608,500	0	0	0
3	702,500	670,000	675,000	736,250	680,000	625,000	678,000	632,000	608,500	0	0	0
4	675,000	650,000	642,000	736,250	680,000	693,000	678,000	700,000	616,500	0	0	0
5	700,000	690,000	650,000	736,250	690,000	663,500	584,000	579,500	616,500	0	0	0
6	670,000	680,000	699,000	736,250	670,000	663,500	639,000	579,500	656,000	0	0	0
7	686,500	680,000	699,000	731,000	631,000	645,000	646,000	654,000	618,000	0	0	0
8	686,500	680,000	640,000	710,500	699,500	665,000	632,000	654,000	617,000	0	0	0
9	671,000	670,000	734,000	710,500	699,500	645,000	605,000	631,000	666,000	0	0	0
10	671,000	675,000	623,000	731,500	680,000	636,000	666,500	636,000	525,000	0	0	0
11	680,000	743,000	664,500	731,500	675,000	636,000	666,500	635,000	637,000	0	0	0
12	550,000	587,000	664,500	706,000	680,000	674,000	645,000	601,500	637,000	0	0	0
13	640,000	697,500	689,500	710,000	693,000	674,000	645,000	601,500	583,000	0	0	0
14	625,000	697,500	689,500	705,000	618,000	645,000	645,000	633,500	615,000	0	0	0
15	741,000	680,000	670,000	765,000	692,000	650,000	638,000	633,500	616,000	0	0	0
16	729,500	675,000	685,000	575,000	692,000	650,000	592,000	651,000	695,000	0	0	0
17	729,500	685,000	665,000	720,000	660,000	700,000	652,500	604,000	504,000	0	0	0
18	705,000	668,000	655,000	720,000	670,000	564,000	652,500	626,000	632,500	0	0	0
19	700,000	668,000	646,000	695,000	670,000	695,500	635,000	708,000	632,500	0	0	0
20	690,000	697,000	697,000	675,000	716,000	695,500	681,000	527,000	611,000	0	0	0
21	759,000	697,000	697,000	690,000	553,000	590,000	632,000	629,000	613,000	0	0	0
22	683,000	675,000	675,000	679,000	693,000	650,000	734,000	629,000	612,000	0	0	0
23	683,000	675,000	675,000	633,000	693,000	649,000	493,000	624,000	596,000	0	0	0
24	683,000	679,500	670,000	709,000	665,000	630,000	647,500	622,000	596,000	0	0	0
25	686,000	684,000	738,000	709,000	670,000	630,000	647,500	741,000	624,500	0	0	0
26	804,000	642,000	680,667	680,000	640,000	665,500	635,000	549,000	624,500	0	0	0
27	570,000	694,500	680,667	690,000	637,500	665,500	638,000	561,000	605,000	0	0	0
28	655,500	694,500	680,667	685,000	637,500	643,000	647,000	669,500	603,000	0	0	0
29	655,500		610,000	679,000	681,500	687,000	639,000	669,500	603,000	0	0	0
30	690,500		710,000	640,000	681,500	599,000	588,000	550,000	644,000	0	0	0
31	690,500		720,000		662,000		657,500	622,000		0	0	0
Total	21,175,000	18,994,500	20,980,000	21,044,000	20,821,000	19,509,000	19,820,500	19,446,500	18,439,000	0	0	0
Ave	683,065	678,375	676,774	701,467	671,645	650,300	639,371	627,306	614,633	0	0	0
Gal/Hr.	28,461	28,266	28,199	29,228	21,666	21,677	20,625	20,236	20,488	0	0	0
Gal/Min	474	471	470	487	361	361	344	337	341	0	0	0

GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2005

Well No.	Time	Jan.	Feb	Mar.	Apr.	May	June	July 25-Jul	Aug. 30-Aug	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D		18.3	20.5	Flooded	19.5	18.8	18.6	20.6	26.4	23.3			
EW-8		21.35	21.6	14.1	20.8	24.9	25.8	26.7	27.9	27.9			
EW-9		17.1	17.3	Flooded	16.6	20.8	21.5	22.4	23.6	23.6			
EW-11													
EW-12		29.3	29.5	19.6	28.8	32.9	33.7	34.6	34.8	35.7			
EW-14		18.4	18.1	Flooded	20	23.2	23.8	28.4	25.2	28.1			
MW-3		28.15	28.3	15.7	27.8	31.8	32.6	33.0	33.5	33.5			
MW-6D		22.5	22.8	14.1	21.9	26	26.8	27.9	29.1	29.1			
MW-8D													
MW-9D		24.9	25.3	17.3	24.1	28.4	29.4	30.5	31.8	31.8			
MW-7S		18.6	19	9.7	18.3	21.9	23.1	23.8	24.7	24.8			
MW-7D		15.8	16.5	9.4	13.6	19.2	21.6	22.6		23.7			
MW-11		22.8	23	10.3	21.8	25.1	26.0	27.0	28.1	28.2			
MW-12		25.1	25.3	13.5	24.8	27.8	29.3	20.7	34.5	31.3			
MW-13D		12.8	11	Flooded	10.5	16.5	17.5	23.2	22.1	19.2			
MW-21		30.3	30.5	24	29.5	33.8	35.0	35.9	37.3	37.2			
MW-22D		28.1	28.4	20.3	27.3	31.5	32.6	33.6	34.9	34.9			
MW-25D		15.7	16.2	8.5	15	19.5	20.4	21.6	22.8	22.9			
MW-29		12.3	12.5	Flooded	12.6	18.2	22.1	25.6	24.4	21.8			
MW-30		22.3	22.5	12.2	21.9	26	26.8	28.7	28.8	28.7			
MW-31		22.1	22.3	12.4	21.6	25.7	26.5	27.4	28.6	28.5			
MW-32		7	7.9	Flooded	7.2	11.1	11.9	12.9	14.0	13.9			
MW-33		18	18.2	Flooded	17.5	21.6	22.4	13.3	24.5	24.4			
MW-34		14.2	14.4	Flooded	13.8	17.9	19.6	19.6	21.3	20.6			
MW-35		19	19.3	9.5	18.5	22.7	23.5	24.4	25.6	25.4			
SPW		22	22.2	12.3	21.5	25.6	26.4	27.3	28.4	28.3			

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto DATE: 7/25/2005

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	20.6	797.73	
EW-8		823.34	26.7	796.64	
EW-9		818.61	22.4	796.21	
EW-11					
EW-12		830.33	34.6	795.73	
EW-14		823.04	28.4	794.64	
MW-3		830.52	33.0	797.52	
MW-6D		826.55	27.9	798.65	
MW-8D					
MW-9D		832.07	30.5	801.57	
MW-7S		823.21	23.8	799.41	
MW-7D		823.28	22.6	800.68	
MW-11		827.61	27.0	800.61	
MW-12		829.74	20.7	809.04	
MW-13D		814.29	23.2	791.09	
MW-21		834.56	35.9	798.66	
MW-22D		831.83	33.6	798.23	
MW-25D		821.52	21.6	799.92	
MW-29		816.51	25.6	790.91	
MW-30		823.47	28.7	794.77	
MW-31		823.00	27.4	795.60	
MW-32		809.85	12.9	796.95	
MW-33		819.37	13.3	806.07	
MW-34		815.37	19.6	795.77	
MW-35		820.34	24.4	795.94	
SPW		822.37	27.3	795.07	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto DATE: Aug. 30, 2005

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	26.40	791.93	
EW-8		823.34	27.90	795.44	
EW-9		818.61	23.60	795.01	
EW-11					
EW-12		830.33	34.75	795.58	
EW-14		823.04	25.20	797.84	
MW-3		830.52	33.50	797.02	
MW-6D		826.55	29.10	797.45	
MW-8D					
MW-9D		832.07	31.80	800.27	
MW-7S		823.21	24.70	798.51	
MW-7D		823.28			
MW-11		827.61	28.10	799.51	
MW-12		829.74	34.50	795.24	
MW-13D		814.29	22.10	792.19	
MW-21		834.56	37.30	797.26	
MW-22D		831.83	34.90	796.93	
MW-25D		821.52	22.80	798.72	
MW-29		816.51	24.40	792.11	
MW-30		823.47	28.80	794.67	
MW-31		823.00	28.55	794.45	
MW-32		809.85	14.00	795.85	
MW-33		819.37	24.50	794.87	
MW-34		815.37	21.30	794.07	
MW-35		820.34	25.55	794.79	
SPW		822.37	28.40	793.97	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto DATE: Sept. 27, 2005

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	23.3	795.03	
EW-8		823.34	27.9	795.49	
EW-9		818.61	23.6	795.06	
EW-11					
EW-12		830.33	35.7	794.68	
EW-14		823.04	28.1	794.94	
MW-3		830.52	33.5	797.07	
MW-6D		826.55	29.1	797.45	
MW-8D					
MW-9D		832.07	31.8	800.27	
MW-7S		823.21	24.8	798.41	
MW-7D		823.28	23.7	799.58	
MW-11		827.61	28.2	799.46	
MW-12		829.74	31.3	798.49	
MW-13D		814.29	19.2	795.09	
MW-21		834.56	37.2	797.36	
MW-22D		831.83	34.9	796.93	
MW-25D		821.52	22.9	798.62	
MW-29		816.51	21.8	794.71	
MW-30		823.47	28.7	794.77	
MW-31		823.00	28.5	794.55	
MW-32		809.85	13.9	795.95	
MW-33		819.37	24.4	794.97	
MW-34		815.37	20.6	794.77	
MW-35		820.34	25.4	794.94	
SPW		822.37	28.3	794.07	

Village of Endicott
Industrial Pretreatment Dept.
1009 E. Main St.
Endicott, New York 13760

September 16, 2005

Ms. Sherrel Henry
U.S. Environmental Protection Agency, Region II
Emergency & Remediation Response Division
290 Broadway
New York, New York 10007-1866

Re: Endicott Landfill
Operable Unit 2
Endicott, New York

Dear Ms. Henry:

Enclosed please find a copy of our quarterly Landfill Inspection Report (July, 2005 – September, 2005).

If you have any questions, please call me at 1-607-757-5307.

Sincerely,

Philip Grayson

Philip Grayson
Sewage Pretreatment Administrator

Cc: Ms. Sally Dewes, P.E., DEC
Mr. James Burke, P.E., DEC
Ms. Jean McCreary, EJ
Mr. Tom Morris, IBM
Mr. John Bernardo, Town of Union
Mayor Pulse, Village of Endicott

POST CLOSURE INSPECTION FORM

Checklist

A. Capped Area

Capped area will be inspected by traversing the cover and observing for the following items:

		No	Yes
1.	Is there bare, dead or damaged grassed area?	___	X
2.	Is there evidence of cracks or subsidence?	X	___
3.	Is there evidence of burrowing by animals?	___	X
4.	Is there any deep-rooted vegetation present?	X	___
5.	Is there any erosion damage to grassed areas?	X	___

Comments: *(Required for each Yes answer)*

All areas with damaged grass have been seeded. The holes of burrowing animals have been knocked in and seeded.

B. Paved Areas and Access Roads

The paved areas and access roads on the property will be inspected by traversing their entire length and observing for the following:

		No	Yes
1.	Is there any erosion damage to road/paved surface?	X	___
2.	Are there substantial potholes?	X	___
3.	Is there evidence of cracks or subsidence?	___	X

Comments: *(Required for each Yes answer)*

The cracks have been treated with Round-Up and attempts are being made to have the cracks reseated. (As of September 13th, 2005 the cracks were professionally sealed. PG 9/16/05)

C. Site Drainage System

The drainage system will be inspected by traversing the full length of the system and examining for the following:

		No	Yes
Over-Cover Drainage			
1.	Is there any erosion damage to swales?	X	
2.	Is there any debris in swales?	X	
3.	Is there any sloughing of cap system?	X	
Perimeter Drainage			
1.	Is there any erosion damage to drainage ditch?	X	
2.	Is there any debris or sediment in drainage ditch?	X	
3.	Seeps Observed	X	

Comments: *(Required for each Yes answer)*

D. Monitoring Wells

Monitoring wells will be inspected for the following:

		No	Yes
1.	Is there any damage to the lock or locking cap?	X	
2.	Is there any evidence of erosion of soils in the immediate area around the well casing?	X	
3.	Is concrete collar cracked or settled?	X	

Comments: *(Required for each Yes answer)*

E. Gas Vents

Gas vents will be inspected for the following:

		No	Yes
1.	Is there any damage to the risers?	X	___
2.	Are any insert screens broken or missing?	X	___

Comments: *(Required for each Yes answer)*

3. Description of Air Monitoring Activities *(indicate readings)*

F. Security

Site security of the facility will be inspected by examining the following items:

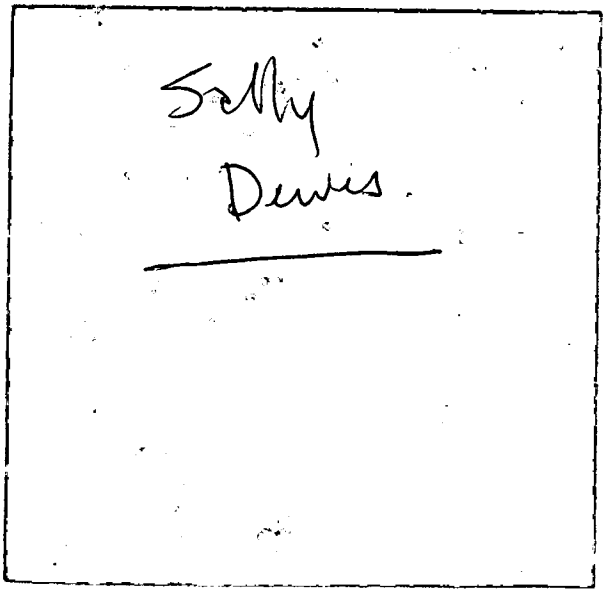
		No	Yes
1.	Is there any damage to gates?	X	___
2.	Are there any damaged, missing or obstructed warning signs?	X	___

Comments: *(Required for each Yes answer)*

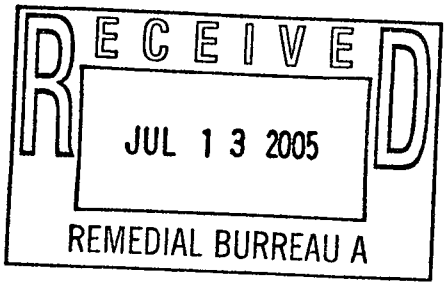
Philip Grayson
Inspector

Philip Grayson
Signature

9/6/05
Date


Sally
Dennis.

Village of Endicott
Industrial Pretreatment Dept.
c/o 1009 E. Main St.
Endicott, New York 13760



July 6, 2005

USEPA, Region II
Emergency and Remediation Response Division
290 Broadway
New York, New York 10007

Attn: Sherrel Henry

Re: Supplemental Purge Well ,
Endicott Wellfield Site

Dear Ms. Henry:

Pursuant to EPA's approval of the Village of Endicott's proposal for a reduction in the frequency of monitoring and analysis for the Supplemental Purge Well, I am submitting a report for the 2nd quarter of 2005 containing the water level readings of the supplemental purge well as well as copies of the required laboratory analysis of the SPW and the final effluent.

The average daily flows for the months contained in the this reporting period are:

April, 2005.....	701,467 gal/day	(487 gal/min)
May, 2005.....	671;645 gal/day	(361 gal/min)
June, 2005.....	650,300 gal/day	(361 gal/min)

In addition, summaries of daily SPW flows, a listing of detectable VOC's and water level readings for the year 2005 are also contained.

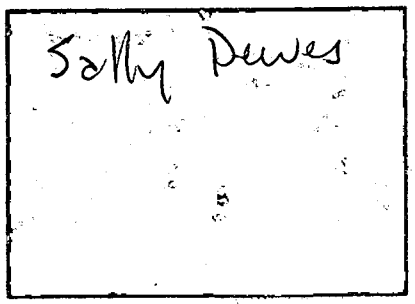
If you have any questions concerning this report, please call me at 1-607-757-5352.

Sincerely,

Philip Grayson

Philip Grayson
Sewage Pretreatment Admin.

cc: NYSDEC, Larry Lampman, P.E.
NYSDEC, James Burke, P.E.
Malcom Prinie, Bruce Nelson
Village of Endicott File


Sally Dewes

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FRIEND LABORATORY I · N · C

32 ITHACA STREET WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

NY 10252 NJ 73168
PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Philip Grayson

Subject:
Effluent, SPW, Compost, Cone

Order Number: 0505-00276
Date Reported: 5/19/2005
Date Received: 5/6/2005
Invoice Number: 16899
Customer Number: E050
Customer PO:
Certification Date: 5/19/2005

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
001	**Eff050405C Composite 5/4/2005 14:00 Client**					
	Orthophosphate (as P)	1.64	mg/L	0.05	SM 4500 PE	5/6/05, 12:00, HRB
	Phosphorus (as P)	1.92	mg/L	0.05	SM 4500PE	5/9/05, 8:50, HRB
	Copper	0.035	mg/L	0.017	EPA 200.7	5/13/05, 15:00, NSF
	Lead	U	mg/L	0.044	EPA 200.7	5/13/05, 15:00, NSF
	Iron	0.515	mg/L	0.040	EPA 200.7	5/13/05, 15:00, NSF
002	**Dissolved, Eff050405C Composite 5/4/2005 14:00 Client**					
	Copper, Dissolved	0.022	mg/L	0.017	EPA 200.7	5/13/05, 15:00, NSF
003	**Eff050605G Grab 5/6/2005 8:20 Client**					
	8260 Total Volatiles				SW-846 8260B	5/17/05, 0:45, FE
	Acetone	U	ug/L	25		5/17/05, 0:45, FE
	Acrolein	U	ug/L	20		5/17/05, 0:45, FE
	Acrylonitrile	U	ug/L	20		5/17/05, 0:45, FE
	Allyl Chloride	U	ug/L	5		5/17/05, 0:45, FE
	Benzene	U	ug/L	0.7		5/17/05, 0:45, FE
	Bromodichloromethane	U	ug/L	5		5/17/05, 0:45, FE
	Bromomethane	U	ug/L	5		5/17/05, 0:45, FE
	Bromochloromethane	U	ug/L	5		5/17/05, 0:45, FE
	Bromoform	U	ug/L	5		5/17/05, 0:45, FE
	2-Butanone	U	ug/L	25		5/17/05, 0:45, FE
	n-Butylbenzene	U	ug/L	5		5/17/05, 0:45, FE
	Bromobenzene	U	ug/L	5		5/17/05, 0:45, FE
	sec-Butylbenzene	U	ug/L	5		5/17/05, 0:45, FE
	tert-Butylbenzene	U	ug/L	5		5/17/05, 0:45, FE
	Carbon Disulfide	U	ug/L	5		5/17/05, 0:45, FE
	Carbon Tetrachloride	U	ug/L	5		5/17/05, 0:45, FE
	Chlorobenzene	U	ug/L	5		5/17/05, 0:45, FE
	Chloroethane	U	ug/L	5		5/17/05, 0:45, FE
	Chloroform	U	ug/L	5		5/17/05, 0:45, FE
	Chloromethane	U	ug/L	5		5/17/05, 0:45, FE
	2-Chlorotoluene	U	ug/L	5		5/17/05, 0:45, FE
	4-Chlorotoluene	U	ug/L	5		5/17/05, 0:45, FE
	2-Chloroethylvinyl ether	U	ug/L	5		5/17/05, 0:45, FE
	Dibromochloromethane	U	ug/L	5		5/17/05, 0:45, FE

Key: E = estimated value
ND or U = analyte not detected
B = analyte was detected in the method or trip blank
< = less than the indicated value
ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
mg/Kg = milligrams per kilogram (equivalent to parts per million)

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NY 10252 NJ 73168
PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Philip Grayson

Order Number: 0505-00276
Date Reported: 5/19/2005
Date Received: 5/6/2005
Invoice Number: 16899
Customer Number: E050
Customer PO:
Certification Date: 5/19/2005

Subject:
Effluent, SPW, Compost, Cone

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
003	**Eff050605G Grab 5/6/2005 8:20 Client**					
	.....continued					
	Dichlorodifluoromethane	U	ug/L	5		5/17/05, 0:45, FE
	Dibromomethane	U	ug/L	5		5/17/05, 0:45, FE
	1,2-Dichloroethane	U	ug/L	5		5/17/05, 0:45, FE
	1,1-Dichloroethene	U	ug/L	5		5/17/05, 0:45, FE
	1,3-Dichloropropane	U	ug/L	5		5/17/05, 0:45, FE
	1,1-Dichloroethane	U	ug/L	5		5/17/05, 0:45, FE
	1,2-Dichloropropane	U	ug/L	5		5/17/05, 0:45, FE
	1,2-Dibromoethane	U	ug/L	5		5/17/05, 0:45, FE
	1,2-Dibromo-3-chloropropane	U	ug/L	5		5/17/05, 0:45, FE
	trans-1,4-Dichloro-2-butene	U	ug/L	5		5/17/05, 0:45, FE
	trans-1,2-Dichloroethene	U	ug/L	5		5/17/05, 0:45, FE
	trans-1,3-Dichloropropene	U	ug/L	5		5/17/05, 0:45, FE
	cis-1,2-Dichloroethene	U	ug/L	5		5/17/05, 0:45, FE
	cis-1,3-Dichloropropene	U	ug/L	5		5/17/05, 0:45, FE
	2,2-Dichloropropane	U	ug/L	5		5/17/05, 0:45, FE
	1,2-Dichlorobenzene	U	ug/L	2		5/17/05, 0:45, FE
	1,3-Dichlorobenzene	U	ug/L	2		5/17/05, 0:45, FE
	1,4-Dichlorobenzene	U	ug/L	2		5/17/05, 0:45, FE
	Ethylbenzene	U	ug/L	5		5/17/05, 0:45, FE
	1,1-Dichloropropene	U	ug/L	5		5/17/05, 0:45, FE
	2-Hexanone	U	ug/L	10		5/17/05, 0:45, FE
	Hexachlorobutadiene	U	ug/L	5		5/17/05, 0:45, FE
	Iodomethane	U	ug/L	5		5/17/05, 0:45, FE
	p-Isopropyltoluene	U	ug/L	5		5/17/05, 0:45, FE
	Methylene Chloride	U	ug/L	5		5/17/05, 0:45, FE
	4-Methyl-2-pentanone	U	ug/L	10		5/17/05, 0:45, FE
	Methyl Tert Butyl Ether	U	ug/L	5		5/17/05, 0:45, FE
	Naphthalene	U	ug/L	5		5/17/05, 0:45, FE
	n-Propylbenzene	U	ug/L	5		5/17/05, 0:45, FE
	iso-Propylbenzene	U	ug/L	5		5/17/05, 0:45, FE
	Styrene	U	ug/L	5		5/17/05, 0:45, FE
	1,1,1,2-Tetrachloroethane	U	ug/L	5		5/17/05, 0:45, FE
	1,1,2,2-Tetrachloroethane	U	ug/L	5		5/17/05, 0:45, FE
	Tetrachloroethene	U	ug/L	5		5/17/05, 0:45, FE
	Toluene	U	ug/L	5		5/17/05, 0:45, FE
	Trichloroethene	U	ug/L	5		5/17/05, 0:45, FE
	Trichlorofluoromethane	U	ug/L	5		5/17/05, 0:45, FE
	1,2,3-Trichlorobenzene	U	ug/L	5		5/17/05, 0:45, FE
	1,2,4-Trichlorobenzene	U	ug/L	5		5/17/05, 0:45, FE
	1,1,1-Trichloroethane	U	ug/L	5		5/17/05, 0:45, FE

Key: E = estimated value
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mg/L = milligrams per liter (equivalent to parts per million)
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32 ITHACA STREET WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

NY 10252 NJ 73168
PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Philip Grayson

Order Number: 0505-00276
Date Reported: 5/19/2005
Date Received: 5/6/2005
Invoice Number: 16899
Customer Number: E050
Customer PO:
Certification Date: 5/19/2005

Subject:
Effluent, SPW, Compost, Cone

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
003	**Eff050605G Grab 5/6/2005 8:20 Client**					
	.....continued					
	1,1,2-Trichloroethane	U	ug/L	5		5/17/05, 0:45, FE
	1,2,3-Trichloropropane	U	ug/L	5		5/17/05, 0:45, FE
	1,1,2-Trichloro-2,2,1-trifl	U	ug/L	5		5/17/05, 0:45, FE
	1,2,4-Trimethylbenzene	U	ug/L	5		5/17/05, 0:45, FE
	1,3,5-Trimethylbenzene	U	ug/L	5		5/17/05, 0:45, FE
	Vinyl Acetate	U	ug/L	5		5/17/05, 0:45, FE
	Vinyl Chloride	U	ug/L	2		5/17/05, 0:45, FE
	o-Xylene	U	ug/L	5		5/17/05, 0:45, FE
	m- & p-Xylenes	U	ug/L	5		5/17/05, 0:45, FE
	Dibromofluoromethane (Surr)	101	% Rec			5/17/05, 0:45, FE
	Toluene-d8 (Surr)	105	% Rec			5/17/05, 0:45, FE
	4-Bromofluorobenzene (Surr)	101	% Rec			5/17/05, 0:45, FE
	1,2-Dichloroethane-d4 (Surr	89	% Rec			5/17/05, 0:45, FE
004	**SPW050605G Grab 5/6/2005 8:10 Client**					
	8260 Total Volatiles				SW-846 8260B	5/17/05, 1:16, FE
	Acetone	U	ug/L	25		5/17/05, 1:16, FE
	Acrolein	U	ug/L	20		5/17/05, 1:16, FE
	Acrylonitrile	U	ug/L	20		5/17/05, 1:16, FE
	Allyl Chloride	U	ug/L	5		5/17/05, 1:16, FE
	Benzene	1.4	ug/L	0.7		5/17/05, 1:16, FE
	Bromodichloromethane	U	ug/L	5		5/17/05, 1:16, FE
	Bromomethane	U	ug/L	5		5/17/05, 1:16, FE
	Bromochloromethane	U	ug/L	5		5/17/05, 1:16, FE
	Bromoform	U	ug/L	5		5/17/05, 1:16, FE
	2-Butanone	U	ug/L	25		5/17/05, 1:16, FE
	n-Butylbenzene	U	ug/L	5		5/17/05, 1:16, FE
	Bromobenzene	U	ug/L	5		5/17/05, 1:16, FE
	sec-Butylbenzene	U	ug/L	5		5/17/05, 1:16, FE
	tert-Butylbenzene	U	ug/L	5		5/17/05, 1:16, FE
	Carbon Disulfide	U	ug/L	5		5/17/05, 1:16, FE
	Carbon Tetrachloride	U	ug/L	5		5/17/05, 1:16, FE
	Chlorobenzene	U	ug/L	5		5/17/05, 1:16, FE
	Chloroethane	15	ug/L	5		5/17/05, 1:16, FE
	Chloroform	U	ug/L	5		5/17/05, 1:16, FE
	Chloromethane	U	ug/L	5		5/17/05, 1:16, FE
	2-Chlorotoluene	U	ug/L	5		5/17/05, 1:16, FE
	4-Chlorotoluene	U	ug/L	5		5/17/05, 1:16, FE

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NY 10252 NJ 73168
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Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Philip Grayson

Subject:
Effluent, SPW, Compost, Cone

Order Number: 0505-00276
Date Reported: 5/19/2005
Date Received: 5/6/2005
Invoice Number: 16899
Customer Number: E050
Customer PO:
Certification Date: 5/19/2005

004 SPW050605G Grab 5/6/2005 8:10 Client

.....continued

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
	2-Chloroethylvinyl ether	U	ug/L	5		5/17/05, 1:16, FE
	Dibromochloromethane	U	ug/L	5		5/17/05, 1:16, FE
	Dichlorodifluoromethane	U	ug/L	5		5/17/05, 1:16, FE
	Dibromomethane	U	ug/L	5		5/17/05, 1:16, FE
	1,2-Dichloroethane	U	ug/L	5		5/17/05, 1:16, FE
	1,1-Dichloroethene	U	ug/L	5		5/17/05, 1:16, FE
	1,3-Dichloropropane	U	ug/L	5		5/17/05, 1:16, FE
	1,1-Dichloroethane	U	ug/L	5		5/17/05, 1:16, FE
	1,2-Dichloropropane	U	ug/L	5		5/17/05, 1:16, FE
	1,2-Dibromoethane	U	ug/L	5		5/17/05, 1:16, FE
	1,2-Dibromo-3-chloropropane	U	ug/L	5		5/17/05, 1:16, FE
	trans-1,4-Dichloro-2-butene	U	ug/L	5		5/17/05, 1:16, FE
	trans-1,2-Dichloroethene	U	ug/L	5		5/17/05, 1:16, FE
	trans-1,3-Dichloropropene	U	ug/L	5		5/17/05, 1:16, FE
	cis-1,2-Dichloroethene	21	ug/L	5		5/17/05, 1:16, FE
	cis-1,3-Dichloropropene	U	ug/L	5		5/17/05, 1:16, FE
	2,2-Dichloropropane	U	ug/L	5		5/17/05, 1:16, FE
	1,2-Dichlorobenzene	U	ug/L	2		5/17/05, 1:16, FE
	1,3-Dichlorobenzene	U	ug/L	2		5/17/05, 1:16, FE
	1,4-Dichlorobenzene	U	ug/L	2		5/17/05, 1:16, FE
	Ethylbenzene	U	ug/L	5		5/17/05, 1:16, FE
	1,1-Dichloropropene	U	ug/L	5		5/17/05, 1:16, FE
	2-Hexanone	U	ug/L	10		5/17/05, 1:16, FE
	Hexachlorobutadiene	U	ug/L	5		5/17/05, 1:16, FE
	Iodomethane	U	ug/L	5		5/17/05, 1:16, FE
	p-Isopropyltoluene	U	ug/L	5		5/17/05, 1:16, FE
	Methylene Chloride	U	ug/L	5		5/17/05, 1:16, FE
	4-Methyl-2-pentanone	U	ug/L	10		5/17/05, 1:16, FE
	Methyl Tert Butyl Ether	U	ug/L	5		5/17/05, 1:16, FE
	Naphthalene	U	ug/L	5		5/17/05, 1:16, FE
	n-Propylbenzene	U	ug/L	5		5/17/05, 1:16, FE
	iso-Propylbenzene	U	ug/L	5		5/17/05, 1:16, FE
	Styrene	U	ug/L	5		5/17/05, 1:16, FE
	1,1,1,2-Tetrachloroethane	U	ug/L	5		5/17/05, 1:16, FE
	1,1,2,2-Tetrachloroethane	U	ug/L	5		5/17/05, 1:16, FE
	Tetrachloroethene	U	ug/L	5		5/17/05, 1:16, FE
	Toluene	U	ug/L	5		5/17/05, 1:16, FE
	Trichloroethene	U	ug/L	5		5/17/05, 1:16, FE
	Trichlorofluoromethane	U	ug/L	5		5/17/05, 1:16, FE
	1,2,3-Trichlorobenzene	U	ug/L	5		5/17/05, 1:16, FE

Key: E = estimated value
ND or U = analyte not detected
B = analyte was detected in the method or trip blank
< = less than the indicated value
ug/L = micrograms per liter (equivalent to parts per billion)
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Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
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Attn: Philip Grayson

Subject:
Effluent, SPW, Compost, Cone

Order Number: 0505-00276
Date Reported: 5/19/2005
Date Received: 5/6/2005
Invoice Number: 16899
Customer Number: E050
Customer PO:
Certification Date: 5/19/2005

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
004	**SPW050605G Grab 5/6/2005 8:10 Client**					
	.....continued					
	1,2,4-Trichlorobenzene	U	ug/L	5		5/17/05, 1:16, FE
	1,1,1-Trichloroethane	U	ug/L	5		5/17/05, 1:16, FE
	1,1,2-Trichloroethane	U	ug/L	5		5/17/05, 1:16, FE
	1,2,3-Trichloropropane	U	ug/L	5		5/17/05, 1:16, FE
	1,1,2-Trichloro-2,2,1-trifl	U	ug/L	5		5/17/05, 1:16, FE
	1,2,4-Trimethylbenzene	U	ug/L	5		5/17/05, 1:16, FE
	1,3,5-Trimethylbenzene	U	ug/L	5		5/17/05, 1:16, FE
	Vinyl Acetate	U	ug/L	5		5/17/05, 1:16, FE
	Vinyl Chloride	22	ug/L	2		5/17/05, 1:16, FE
	o-Xylene	U	ug/L	5		5/17/05, 1:16, FE
	m- & p-Xylenes	U	ug/L	5		5/17/05, 1:16, FE
	Dibromofluoromethane (Surr)	100	% Rec			5/17/05, 1:16, FE
	Toluene-d8 (Surr)	106	% Rec			5/17/05, 1:16, FE
	4-Bromofluorobenzene (Surr)	103	% Rec			5/17/05, 1:16, FE
	1,2-Dichloroethane-d4 (Surr	92	% Rec			5/17/05, 1:16, FE
005	**Comp050605C Composite 5/6/2005 9:30 Client**					
	Arsenic	4.52	mg/Kg	0.76	SW-846 6020	5/16/05, 7:00, NSF
	Cadmium	1.54	mg/Kg	0.76	SW-846 6020	5/16/05, 7:00, NSF
	Chromium	16.9	mg/Kg	1.5	SW-846 6020	5/16/05, 7:00, NSF
	Copper	550	mg/Kg	2.6	SW-846 6010B	5/18/05, 12:00, NSF
	Lead	38.4	mg/Kg	0.46	SW-846 6020	5/16/05, 7:00, NSF
	Mercury	0.73	mg/Kg	0.075	SW-846 7471A	5/17/05, 12:36, SRS
	Molybdenum	10.7	mg/Kg	0.76	SW-846 6020	5/16/05, 7:00, NSF
	Nickel	14.5	mg/Kg	1.8	SW-846 6010B	5/18/05, 12:00, NSF
	Potassium	1330	mg/Kg	75.9	SW-846 6010B	5/18/05, 12:00, NSF
	Selenium	2.21	mg/Kg	0.76	SW-846 6020	5/16/05, 7:00, NSF
	Zinc	446	mg/Kg	3.0	SW-846 6010B	5/18/05, 12:00, NSF
	Nitrate Nitrogen	U	mg/Kg	90	EPA 300.0	5/6/05, 18:45, TBB
	Phosphorus (as P)	6080	mg/Kg	63.3	SM-4500 P-E	5/9/05, 8:50, HRB
	Total Solids	63.33	%		SM18 2540G	5/9/05, 17:00, VMM
006	**Cone050605C Composite 5/6/2005 9:40 Client**					
	Arsenic	6.6	mg/Kg	1.5	SW-846 6020	5/16/05, 8:00, NSF
	Cadmium	2.0	mg/Kg	1.5	SW-846 6020	5/16/05, 8:00, NSF

Key: E = estimated value
ND or U = analyte not detected
B = analyte was detected in the method or trip blank
< = less than the indicated value
ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
mg/Kg = milligrams per kilogram (equivalent to parts per million)

FLI FRIEND LABORATORY INC

Friend Laboratory Inc.
32 Ithaca Street, Waverly, NY 14892
Phone:(607)565-3500 Fax:(607)565-4083
NY #10252, PA #68180, NJ #73168, EPA #NY00033

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Client Information	Billing/Invoice:
Name: Village of Endicott WWTP	
Address: 1009 E. Main St	
Endicott, NY 13760	
Contact: Philip Grayson	
Phone: 757-5352	
Project:	
Quote ID:	PO#:

Rush TAT Bus. Days: <2 2-5 5-7 7-10 Date Req.:

Carbon Copy: Yes

Email Results: Yes

Fax Results: Yes

Sample Information					Matrix
	Description/Location	Date	Time	Initial	Type
1	Eff050405C	5/4/05	2pm	PG	Comp
2	Eff050605G	5/6/05	820am	PG	Grab
3	SPW050605G	5/6/05	810am	PG	Grab
4	Comp050605C	5/6/05	930am	PG	Comp
5	Cone050605C	5/6/05	940am	PG	Comp
6					
7					
8					

Analysis Requested

Ortho-Phosphate	Total Phos-phorus	~~Al~~, Cu, Pb, Fe	Cu (dissolved) Pre filtered	624 regs	As, Cd, Cr, Cu Pb, Hg Mo, Ni K, Se Zn NO_3, PO_4-P		
Pl	Pl	Pl	Pl	Glass	Glass		
250	250	500	100	45	1000		
None	H_2SO_4	HNO_3	HNO_3	HCl	None		
Number of Containers for Analysis Requested							
1	1	1-1	1-2	2			-3
				2			-4
					1		-5
					1		-6

Receiving Info (Lab Use Only)

Cooler ID:	
Cooler Type:	
Cooler Temp:	
On Ice: YES NO	
Cooler Seal: YES NO	
Shipping Carrier:	
Shipping Number/Cost:	
Container Material:	
Container Size(in Ml):	
Preservative	

SO3276

Comments/Field Data

Print Name and Company	Signature	Date/Time
Sampled: Philip Grayson	Philip Grayson	5/6/05 1030am
Received:		
Received: Toni Jones	Toni Jones	5/6/05 1207
Received:		

Notes, Information, Instructions, Etc.

Supplemental Purge Well
Monthly Analysis: VOC's
2005 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						Results in ug/L							
Vinyl Chloride	**22**	x	x	x	**22**	x		x	x		x	x	44
Chloromethane	<5	x	x	x	<5	x		x	x		x	x	0
Chloroethane	**15**	x	x	x	**15**	x		x	x		x	x	30
Methylene Chloride	<5	x	x	x	<5	x		x	x		x	x	0
Dichlorodifluoromethane	<5	x	x	x	<5	x		x	x		x	x	0
Trichloroethene	<5	x	x	x	<5	x		x	x		x	x	0
1,1-Dichloroethane	<5	x	x	x	<5	x		x	x		x	x	0
1,1-Dichloroethene	<5	x	x	x	<5	x		x	x		x	x	0
cis-1,2-Dichloroethene	<5	x	x	x	**21**	x		x	x		x	x	21
cis-1,3-Dichloropropene	<5	x	x	x	<5	x		x	x		x	x	0
Chlorobenzene	<5	x	x	x	<5	x		x	x		x	x	0
Benzene	<5	x	x	x	**1.4**	x		x	x		x	x	1.4
Toluene	<5	x	x	x	<5	x		x	x		x	x	0
Chloroform	<5	x	x	x	<5	x		x	x		x	x	0
m-Xylene & p-Xylene	<5	x	x	x	<5	x		x	x		x	x	0
		x											0
Total VOC's	**37**	**x**	**x**	**x**	**59.4**	**x**	**0**	**x**	**x**	**0**	**x**	**x**	**96.4**

Final Effluent
Monthly Analysis: VOC's
2005 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Results in ug/L												
Vinyl Chloride	<2				<2								0
Chloromethane	<5				<5								0
Chloroethane	<5				<5								0
Methylene Chloride	<5				<5								0
Dichlorodifluoromethane	<5				<5								0
Trichloroethene	<5				<5								0
1,1-Dichloroethane	<5				<5								0
1,1-Dichloroethene	<5				<5								0
cis-1,2-Dichloroethene	<5				<5								0
cis-1,3-Dichloropropene	<5				<5								0
Chlorobenzene	<5				<5								0
Benzene	<5				<0.7								0
Toluene	<5				<5								0
Chloroform	<5				<5								0
Bromodichloromethane	<5				<5								0
m-Xylene & p-Xylene	<5				<5								0
Total VOC's	**0**	**x**	**x**	**x**	**0**	**x**	**0**	**x**	**x**	**0**	**x**	**x**	**0**

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2005

Well No.	Time	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D		800.03	797.83	Flooded	798.83	799.53	799.73						
EW-8		801.94	801.74	809.24	802.54	798.44	797.54						
EW-9		801.51	801.31	Flooded	802.01	797.86	797.11						
EW-11													
EW-12		801.03	800.83	810.73	801.53	797.43	796.63						
EW-14		804.64	804.94	Flooded	803.04	799.84	799.24						
MW-3		802.37	802.22	814.82	802.77	798.72	797.92						
MW-6D		804.05	803.75	812.45	804.7	800.55	799.75						
MW-8D													
MW-9D		807.17	806.77	814.77	807.97	803.67	802.67						
MW-7S		804.61	804.21	813.51	804.91	801.31	800.11						
MW-7D		807.48	806.78	813.88	809.73	804.08	801.73						
MW-11		804.81	804.61	817.31	805.86	802.51	801.61						
MW-12		804.64	804.44	816.24	804.99	801.94	800.44						
MW-13D		801.49	803.34	Flooded	803.84	797.79	796.79						
MW-21		804.26	804.06	810.56	805.06	800.76	799.56						
MW-22D		803.73	803.43	811.53	804.53	800.33	799.28						
MW-25D		805.82	805.32	813.02	806.52	802.02	801.12						
MW-29		804.21	804.01	Flooded	803.96	798.31	794.41						
MW-30		801.17	800.97	811.27	801.62	797.47	796.72						
MW-31		800.9	800.7	810.6	801.4	797.3	796.50						
MW-32		802.85	801.95	Flooded	802.65	798.75	797.95						
MW-33		801.37	801.17	Flooded	801.87	797.77	796.97						
MW-34		801.17	800.97	Flooded	801.62	797.47	795.77						
MW-35		801.34	801.04	810.84	801.84	797.64	796.89						
SPW		800.37	800.17	810.07	800.87	796.77	795.97						

Suppemental Purge Well
Daily Flow Readings: 2005
Gal./Day

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	660,000	685,000	680,000	707,000	705,500	655,000	0	0	0	0	0	0
2	702,500	675,000	675,000	712,000	705,500	625,000	0	0	0	0	0	0
3	702,500	670,000	675,000	736,250	680,000	625,000	0	0	0	0	0	0
4	675,000	650,000	642,000	736,250	680,000	693,000	0	0	0	0	0	0
5	700,000	690,000	650,000	736,250	690,000	663,500	0	0	0	0	0	0
6	670,000	680,000	699,000	736,250	670,000	663,500	0	0	0	0	0	0
7	686,500	680,000	699,000	731,000	631,000	645,000	0	0	0	0	0	0
8	686,500	680,000	640,000	710,500	699,500	665,000	0	0	0	0	0	0
9	671,000	670,000	734,000	710,500	699,500	645,000	0	0	0	0	0	0
10	671,000	675,000	623,000	731,500	680,000	636,000	0	0	0	0	0	0
11	680,000	743,000	664,500	731,500	675,000	636,000	0	0	0	0	0	0
12	550,000	587,000	664,500	706,000	680,000	674,000	0	0	0	0	0	0
13	640,000	697,500	689,500	710,000	693,000	674,000	0	0	0	0	0	0
14	625,000	697,500	689,500	705,000	618,000	645,000	0	0	0	0	0	0
15	741,000	680,000	670,000	765,000	692,000	650,000	0	0	0	0	0	0
16	729,500	675,000	685,000	575,000	692,000	650,000	0	0	0	0	0	0
17	729,500	685,000	665,000	720,000	660,000	700,000	0	0	0	0	0	0
18	705,000	668,000	655,000	720,000	670,000	564,000	0	0	0	0	0	0
19	700,000	668,000	646,000	695,000	670,000	695,500	0	0	0	0	0	0
20	690,000	697,000	697,000	675,000	716,000	695,500	0	0	0	0	0	0
21	759,000	697,000	697,000	690,000	553,000	590,000	0	0	0	0	0	0
22	683,000	675,000	675,000	679,000	693,000	650,000	0	0	0	0	0	0
23	683,000	675,000	675,000	633,000	693,000	649,000	0	0	0	0	0	0
24	683,000	679,500	670,000	709,000	665,000	630,000	0	0	0	0	0	0
25	686,000	684,000	738,000	709,000	670,000	630,000	0	0	0	0	0	0
26	804,000	642,000	680,667	680,000	640,000	665,500	0	0	0	0	0	0
27	570,000	694,500	680,667	690,000	637,500	665,500	0	0	0	0	0	0
28	655,500	694,500	680,667	685,000	637,500	643,000	0	0	0	0	0	0
29	655,500		610,000	679,000	681,500	687,000	0	0	0	0	0	0
30	690,500		710,000	640,000	681,500	599,000	0	0	0	0	0	0
31	690,500		720,000		662,000		0	0	0	0	0	0
Total	21,175,000	18,994,500	20,980,000	21,044,000	20,821,000	19,509,000	0	0	0	0	0	0
Ave	683,065	678,375	676,774	701,467	671,645	650,300	0	0	0	0	0	0
Gal/Hr.	28,461	28,266	28,199	29,228	21,666	21,677	0	0	0	0	0	0
Gal/Min	474	471	470	487	361	361	0	0	0	0	0	0

GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2005

Well No.	Time	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D		18.3	20.5	Flooded	19.5	18.8	18.6						
EW-8		21.35	21.6	14.1	20.8	24.9	25.8						
EW-9		17.1	17.3	Flooded	16.6	20.8	21.5						
EW-11													
EW-12		29.3	29.5	19.6	28.8	32.9	33.7						
EW-14		18.4	18.1	Flooded	20	23.2	23.8						
MW-3		28.15	28.3	15.7	27.8	31.8	32.6						
MW-6D		22.5	22.8	14.1	21.9	26	26.8						
MW-8D													
MW-9D		24.9	25.3	17.3	24.1	28.4	29.4						
MW-7S		18.6	19	9.7	18.3	21.9	23.1						
MW-7D		15.8	16.5	9.4	13.6	19.2	21.6						
MW-11		22.8	23	10.3	21.8	25.1	26.0						
MW-12		25.1	25.3	13.5	24.8	27.8	29.3						
MW-13D		12.8	11	Flooded	10.5	16.5	17.5						
MW-21		30.3	30.5	24	29.5	33.8	35.0						
MW-22D		28.1	28.4	20.3	27.3	31.5	32.6						
MW-25D		15.7	16.2	8.5	15	19.5	20.4						
MW-29		12.3	12.5	Flooded	12.6	18.2	22.1						
MW-30		22.3	22.5	12.2	21.9	26	26.8						
MW-31		22.1	22.3	12.4	21.6	25.7	26.5						
MW-32		7	7.9	Flooded	7.2	11.1	11.9						
MW-33		18	18.2	Flooded	17.5	21.6	22.4						
MW-34		14.2	14.4	Flooded	13.8	17.9	19.6						
MW-35		19	19.3	9.5	18.5	22.7	23.5						
SPW		22	22.2	12.3	21.5	25.6	26.4						

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto DATE: 4/21/2005

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	19.5	798.83	
EW-8		823.34	20.8	802.54	
EW-9		818.61	16.6	802.01	
EW-11					
EW-12		830.33	28.8	801.53	
EW-14		823.04	20.0	803.04	
MW-3		830.52	27.8	802.77	
MW-6D		826.55	21.9	804.70	
MW-8D					
MW-9D		832.07	24.1	807.97	
MW-7S		823.21	18.3	804.91	
MW-7D		823.28	13.6	809.73	
MW-11		827.61	21.8	805.86	
MW-12		829.74	24.8	804.99	
MW-13D		814.29	10.5	803.84	
MW-21		834.56	29.5	805.06	
MW-22D		831.83	27.3	804.53	
MW-25D		821.52	15.0	806.52	
MW-29		816.51	12.6	803.96	
MW-30		823.47	21.9	801.62	
MW-31		823.00	21.6	801.40	
MW-32		809.85	7.2	802.65	
MW-33		819.37	17.5	801.87	
MW-34		815.37	13.8	801.62	
MW-35		820.34	18.5	801.84	
SPW		822.37	21.5	800.87	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto DATE: 26-May-05

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	18.8	799.53	
EW-8		823.34	24.9	798.44	
EW-9		818.61	20.8	797.86	
EW-11					
EW-12		830.33	32.9	797.43	
EW-14		823.04	23.2	799.84	
MW-3		830.52	31.8	798.72	
MW-6D		826.55	26.0	800.55	
MW-8D					
MW-9D		832.07	28.4	803.67	
MW-7S		823.21	21.9	801.31	
MW-7D		823.28	19.2	804.08	
MW-11		827.61	25.1	802.51	
MW-12		829.74	27.8	801.94	
MW-13D		814.29	16.5	797.79	
MW-21		834.56	33.8	800.76	
MW-22D		831.83	31.5	800.33	
MW-25D		821.52	19.5	802.02	
MW-29		816.51	18.2	798.31	
MW-30		823.47	26.0	797.47	
MW-31		823.00	25.7	797.30	
MW-32		809.85	11.1	798.75	
MW-33		819.37	21.6	797.77	
MW-34		815.37	17.9	797.47	
MW-35		820.34	22.7	797.64	
SPW		822.37	25.6	796.77	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Verutoti 22-Jun-04

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	18.6	799.73	
EW-8		823.34	25.8	797.54	
EW-9		818.61	21.5	797.11	
EW-11					
EW-12		830.33	33.7	796.63	
EW-14		823.04	23.8	799.24	
MW-3		830.52	32.6	797.92	
MW-6D		826.55	26.8	799.75	
MW-8D					
MW-9D		832.07	29.4	802.67	
MW-7S		823.21	23.1	800.11	
MW-7D		823.28	21.6	801.73	
MW-11		827.61	26.0	801.61	
MW-12		829.74	29.3	800.44	
MW-13D		814.29	17.5	796.79	
MW-21		834.56	35.0	799.56	
MW-22D		831.83	32.6	799.28	
MW-25D		821.52	20.4	801.12	
MW-29		816.51	22.1	794.41	
MW-30		823.47	26.8	796.72	
MW-31		823.00	26.5	796.50	
MW-32		809.85	11.9	797.95	
MW-33		819.37	22.4	796.97	
MW-34		815.37	19.6	795.77	
MW-35		820.34	23.5	796.89	
SPW		822.37	26.4	795.97	

File on eDOCs? _____ Yes _____ No
Site Name _____
Site # _____
County _____
Town _____
Foilable _____ Yes _____ No
Please Write The eDOC File
Name Description _____

Village of Endicott
Industrial Pretreatment Dept.
c/o 1009 E. Main St.
Endicott, New York 13760

April 1, 2005

USEPA, Region II
Emergency and Remediation Response Division
290 Broadway
New York, New York 10007

Attn: Sherrel Henry

Re: Supplemental Purge Well ,
Endicott Wellfield Site

Dear Ms. Henry:

Pursuant to EPA's approval of the Village of Endicott's proposal for a reduction in the frequency of monitoring and analysis for the Supplemental Purge Well, I am submitting a report for the 1st quarter of 2005 containing the water level readings of the supplemental purge well as well as copies of the required laboratory analysis of the SPW and the final effluent.

The average daily flows for the months contained in the this reporting period are:

January, 2005.....	683,065 gal/day (474 gal/min)
February, 2005.....	678,214 gal/day (471 gal/min)
March, 2005.....	676,774 gal/day (470 gal/min)

In addition, summaries of daily SPW flows, a listing of detectable VOC's and water level readings for the year 2005 are also contained.

If you have any questions concerning this report, please call me at 1-607-757-5307.

Sincerely,

Philip Grayson

Philip Grayson
Sewage Pretreatment Admin.

cc: NYSDEC, Larry Lampman, P.E.
NYSDEC, James Burke, P.E.
Malcom Prinie, Bruce Nelson
Village of Endicott File

FLI
FRIEND LABORATORY I · N · C

32 ITHACA STREET WAVERLY, NY 14892-1532 NY 10252 NJ 73168
TELEPHONE (607) 565-3500 FAX (607) 565-4083 PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Philip Grayson

Order Number: 0501-00369
Date Reported: 1/24/2005
Date Received: 1/7/2005
Invoice Number: 12699
Customer Number: E050
Customer PO:

Subject:
624

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
001	**SPW-010705-Grab 1/7/2005 7:30 Client**					
	624 Total Volatiles				EPA 624	1/20/05, 20:32, FE
	Acrolein	U	ug/L	20		1/20/05, 20:32, FE
	Acrylonitrile	U	ug/L	20		1/20/05, 20:32, FE
	Benzene	U	ug/L	5		1/20/05, 20:32, FE
	Bromodichloromethane	U	ug/L	5		1/20/05, 20:32, FE
	Bromoform	U	ug/L	5		1/20/05, 20:32, FE
	Bromomethane	U	ug/L	5		1/20/05, 20:32, FE
	Carbon Tetrachloride	U	ug/L	5		1/20/05, 20:32, FE
	Chlorobenzene	U	ug/L	5		1/20/05, 20:32, FE
	Chloroethane	15	ug/L	5		1/20/05, 20:32, FE
	2-Chloroethylvinyl ether	U	ug/L	5		1/20/05, 20:32, FE
	Chloroform	U	ug/L	5		1/20/05, 20:32, FE
	Chloromethane	U	ug/L	5		1/20/05, 20:32, FE
	Dibromochloromethane	U	ug/L	5		1/20/05, 20:32, FE
	1,2-Dichlorobenzene	U	ug/L	5		1/20/05, 20:32, FE
	1,3-Dichlorobenzene	U	ug/L	5		1/20/05, 20:32, FE
	1,4-Dichlorobenzene	U	ug/L	5		1/20/05, 20:32, FE
	1,1-Dichloroethane	U	ug/L	5		1/20/05, 20:32, FE
	1,2-Dichloroethane	U	ug/L	5		1/20/05, 20:32, FE
	1,1-Dichloroethene	U	ug/L	5		1/20/05, 20:32, FE
	cis-1,2-Dichloroethene	U	ug/L	5		1/20/05, 20:32, FE
	trans-1,2-Dichloroethene	U	ug/L	5		1/20/05, 20:32, FE
	1,2-Dichloropropane	U	ug/L	5		1/20/05, 20:32, FE
	cis-1,3-Dichloropropene	U	ug/L	5		1/20/05, 20:32, FE
	trans-1,3-Dichloropropene	U	ug/L	5		1/20/05, 20:32, FE
	Ethylbenzene	U	ug/L	5		1/20/05, 20:32, FE
	Methylene Chloride	U	ug/L	5		1/20/05, 20:32, FE
	Styrene	U	ug/L	5		1/20/05, 20:32, FE
	1,1,2,2-Tetrachloroethane	U	ug/L	5		1/20/05, 20:32, FE
	Tetrachloroethene	U	ug/L	5		1/20/05, 20:32, FE
	Toluene	U	ug/L	5		1/20/05, 20:32, FE
	1,1,1-Trichloroethane	U	ug/L	5		1/20/05, 20:32, FE
	1,1,2-Trichloroethane	U	ug/L	5		1/20/05, 20:32, FE
	Trichloroethene	U	ug/L	5		1/20/05, 20:32, FE
	Trichlorofluoromethane	U	ug/L	5		1/20/05, 20:32, FE
	Vinyl Chloride	22	ug/L	2		1/20/05, 20:32, FE
	o-Xylene	U	ug/L	5		1/20/05, 20:32, FE
	m- & p-Xylenes	U	ug/L	5		1/20/05, 20:32, FE
	Dibromofluoromethane (Surr)	100	% Rec			1/20/05, 20:32, FE
	Toluene-d8 (Surr)	113 *	% Rec			1/20/05, 20:32, FE
	4-Bromofluorobenzene (Surr)	102	% Rec			1/20/05, 20:32, FE

Key: E = estimated value
ND or U = analyte not detected
B = analyte was detected in the method or trip blank
< = less than the indicated value
ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
mg/Kg = milligrams per kilogram (equivalent to parts per million)

FLI
FRIEND LABORATORY I · N · C

32 ITHACA STREET WAVERLY, NY 14892-1532 NY 10252 NJ 73168
TELEPHONE (607) 565-3500 FAX (607) 565-4083 PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Philip Grayson

Order Number: 0501-00369
Date Reported: 1/24/2005
Date Received: 1/7/2005
Invoice Number: 12699
Customer Number: E050
Customer PO:

Subject:
624

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
001	**SPW-010705-Grab 1/7/2005 7:30 Client**					
	.....continued					
	1,2-Dichloroethane-d4 (Surr	98	% Rec			1/20/05, 20:32, FE

= 624 surrogate recovery slightly above the acceptance limits. Positive 624 results are therefore estimated, with a high bias.

002	**Final Effluent-010705-Grab 1/7/2005 7:45 Client**					
	624 Total Volatiles				EPA 624	1/20/05, 21:05, FE
	Acrolein	U	ug/L	20		1/20/05, 21:05, FE
	Acrylonitrile	U	ug/L	20		1/20/05, 21:05, FE
	Benzene	U	ug/L	5		1/20/05, 21:05, FE
	Bromodichloromethane	U	ug/L	5		1/20/05, 21:05, FE
	Bromoform	U	ug/L	5		1/20/05, 21:05, FE
	Bromomethane	U	ug/L	5		1/20/05, 21:05, FE
	Carbon Tetrachloride	U	ug/L	5		1/20/05, 21:05, FE
	Chlorobenzene	U	ug/L	5		1/20/05, 21:05, FE
	Chloroethane	U	ug/L	5		1/20/05, 21:05, FE
	2-Chloroethylvinyl ether	U	ug/L	5		1/20/05, 21:05, FE
	Chloroform	U	ug/L	5		1/20/05, 21:05, FE
	Chloromethane	U	ug/L	5		1/20/05, 21:05, FE
	Dibromochloromethane	U	ug/L	5		1/20/05, 21:05, FE
	1,2-Dichlorobenzene	U	ug/L	5		1/20/05, 21:05, FE
	1,3-Dichlorobenzene	U	ug/L	5		1/20/05, 21:05, FE
	1,4-Dichlorobenzene	U	ug/L	5		1/20/05, 21:05, FE
	1,1-Dichloroethane	U	ug/L	5		1/20/05, 21:05, FE
	1,2-Dichloroethane	U	ug/L	5		1/20/05, 21:05, FE
	1,1-Dichloroethene	U	ug/L	5		1/20/05, 21:05, FE
	cis-1,2-Dichloroethene	U	ug/L	5		1/20/05, 21:05, FE
	trans-1,2-Dichloroethene	U	ug/L	5		1/20/05, 21:05, FE
	1,2-Dichloropropane	U	ug/L	5		1/20/05, 21:05, FE
	cis-1,3-Dichloropropene	U	ug/L	5		1/20/05, 21:05, FE
	trans-1,3-Dichloropropene	U	ug/L	5		1/20/05, 21:05, FE
	Ethylbenzene	U	ug/L	5		1/20/05, 21:05, FE
	Methylene Chloride	U	ug/L	5		1/20/05, 21:05, FE
	Styrene	U	ug/L	5		1/20/05, 21:05, FE
	1,1,2,2-Tetrachloroethane	U	ug/L	5		1/20/05, 21:05, FE
	Tetrachloroethene	U	ug/L	5		1/20/05, 21:05, FE
	Toluene	U	ug/L	5		1/20/05, 21:05, FE
	1,1,1-Trichloroethane	U	ug/L	5		1/20/05, 21:05, FE
	1,1,2-Trichloroethane	U	ug/L	5		1/20/05, 21:05, FE
	Trichloroethene	U	ug/L	5		1/20/05, 21:05, FE

Key: E = estimated value; < = less than the indicated value; ug/L = micrograms per liter (equivalent to parts per billion)
ND or U = analyte not detected; mg/L = milligrams per liter (equivalent to parts per million)
B = analyte was detected in the method or trip blank; mg/Kg = milligrams per kilogram (equivalent to parts per million)

FLI
FRIEND LABORATORY I · N · C

32 ITHACA STREET WAVERLY, NY 14892-1532 NY 10252 NJ 73168
TELEPHONE (607) 565-3500 FAX (607) 565-4083 PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Philip Grayson

Order Number: 0501-00369
Date Reported: 1/24/2005
Date Received: 1/7/2005
Invoice Number: 12699
Customer Number: E050
Customer PO:

Subject:
624

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
002	**Final Effluent-010705-Grab 1/7/2005 7:45 Client**					
	.....continued					
	Trichlorofluoromethane	U	ug/L	5		1/20/05, 21:05, FE
	Vinyl Chloride	U	ug/L	2		1/20/05, 21:05, FE
	o-Xylene	U	ug/L	5		1/20/05, 21:05, FE
	m- & p-Xylenes	U	ug/L	5		1/20/05, 21:05, FE
	Dibromofluoromethane (Surr)	99	% Rec			1/20/05, 21:05, FE
	Toluene-d8 (Surr)	112	% Rec			1/20/05, 21:05, FE
	4-Bromofluorobenzene (Surr)	101	% Rec			1/20/05, 21:05, FE
	1,2-Dichloroethane-d4 (Surr	95	% Rec			1/20/05, 21:05, FE

Approved By: _____
Jason Hornighaus, Managing Director

Key: E = estimated value
ND or U = analyte not detected
B = analyte was detected in the method or trip blank
< = less than the indicated value
ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
mg/Kg = milligrams per kilogram (equivalent to parts per million)

CHAIN OF CUSTODY RECORD

_____ of _____

CUSTOMER CODE #

ECT NO./ NAME	CLIENT NAME	SAMPLE SITE	SAMPLER'S SIGNATURE
SPW	Village of Endicott WWTP	SPW / Final Eff.	

501-369

LE	SAMPLING DATE	SAMPLING TIME	ORIGIN/SOURCE	# OF CONTAINERS	DESCRIPTION COMP	DESCRIPTION GRAB	DESCRIPTION OTHER	ANALYSES TESTS REQUESTED
	1/7/05	730 am	SPW - 010705-G	2		✓		EPA 624 -1
	1/7/05	745 am	Final Eff. 010705-G	2		✓		EPA 624 -2

QUISHED BY TURE	DATE/TIME	RECEIVED BY SIGNATURE PRINT	DATE/TIME	RELINQUISHED BY SIGNATURE PRINT	DATE/TIME
	1/7/05				
VED BY TURE	DATE/TIME	RELINQUISHED BY SIGNATURE PRINT	DATE/TIME	RECEIVED AT LAB BY SIGNATURE PRINT Lori Jones	DATE/TIME 1/7/05 940

S

FRIEND LABORATORY, INC.
ONE RESEARCH CIRCLE * WAVERLY, NEW YORK 14892
PHONE (607) 565-4500 * FAX (607) 565-4083

Supplemental Purge Well
Monthly Analysis: VOC's
2005 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						Results in ug/L							
Vinyl Chloride	22	x	x		x	x		x	x		x	x	22
Chloromethane	<5	x	x		x	x		x	x		x	x	0
Chloroethane	15	x	x		x	x		x	x		x	x	15
Methylene Chloride	<5	x	x		x	x		x	x		x	x	0
Dichlorodifluoromethane	<5	x	x		x	x		x	x		x	x	0
Trichloroethene	<5	x	x		x	x		x	x		x	x	0
1,1-Dichloroethane	<5	x	x		x	x		x	x		x	x	0
1,1-Dichloroethene	<5	x	x		x	x		x	x		x	x	0
cis-1,2-Dichloroethene	<5	x	x		x	x		x	x		x	x	0
cis-1,3-Dichloropropene	<5	x	x		x	x		x	x		x	x	0
Chlorobenzene	<5	x	x		x	x		x	x		x	x	0
Benzene	<5	x	x		x	x		x	x		x	x	0
Toluene	<5	x	x		x	x		x	x		x	x	0
Chloroform	<5	x	x		x	x		x	x		x	x	0
m-Xylene & p-Xylene	<5	x	x		x	x		x	x		x	x	0
		x											0
Total VOC's	**37**	**x**	**x**	**0**	**x**	**x**	**0**	**x**	**x**	**0**	**x**	**x**	**37**

Final Effluent
Monthly Analysis: VOC's
2005 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Results in ug/L												
Vinyl Chloride	<2												0
Chloromethane	<5												0
Chloroethane	<5												0
Methylene Chloride	<5												0
Dichlorodifluoromethane	<5												0
Trichloroethene	<5												0
1,1-Dichloroethane	<5												0
1,1-Dichloroethene	<5												0
cis-1,2-Dichloroethene	<5												0
cis-1,3-Dichloropropene	<5												0
Chlorobenzene	<5												0
Benzene	<5												0
Toluene	<5												0
Chloroform	<5												0
Bromodichloromethane	<5												0
m-Xylene & p-Xylene	<5												0
Total VOC's	**0**	**x**	**x**	**0**	**x**	**x**	**0**	**x**	**x**	**0**	**x**	**x**	**0**

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2005

Well No.	Time	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D		800.03	797.83	Flooded									
EW-8		801.94	801.74	809.24									
EW-9		801.51	801.31	Flooded									
EW-11													
EW-12		801.03	800.83	810.73									
EW-14		804.64	804.94	Flooded									
MW-3		802.37	802.22	814.82									
MW-6D		804.05	803.75	812.45									
MW-8D													
MW-9D		807.17	806.77	814.77									
MW-7S		804.61	804.21	813.51									
MW-7D		807.48	806.78	813.88									
MW-11		804.81	804.61	817.31									
MW-12		804.64	804.44	816.24									
MW-13D		801.49	803.34	Flooded									
MW-21		804.26	804.06	810.56									
MW-22D		803.73	803.43	811.53									
MW-25D		805.82	805.32	813.02									
MW-29		804.21	804.01	Flooded									
MW-30		801.17	800.97	811.27									
MW-31		800.9	800.7	810.6									
MW-32		802.85	801.95	Flooded									
MW-33		801.37	801.17	Flooded									
MW-34		801.17	800.97	Flooded									
MW-35		801.34	801.04	810.84									
SPW		800.37	800.17	810.07									

Suppemental Purge Well
Daily Flow Readings: 2005
Gal./Day

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	660,000	685,000	680,000	0	0	0	0	0	0	0	0	0
2	702,500	675,000	675,000	0	0	0	0	0	0	0	0	0
3	702,500	670,000	675,000	0	0	0	0	0	0	0	0	0
4	675,000	650,000	642,000	0	0	0	0	0	0	0	0	0
5	700,000	690,000	650,000	0	0	0	0	0	0	0	0	0
6	670,000	680,000	699,000	0	0	0	0	0	0	0	0	0
7	686,500	680,000	699,000	0	0	0	0	0	0	0	0	0
8	686,500	680,000	640,000	0	0	0	0	0	0	0	0	0
9	671,000	670,000	734,000	0	0	0	0	0	0	0	0	0
10	671,000	675,000	623,000	0	0	0	0	0	0	0	0	0
11	680,000	743,000	664,500	0	0	0	0	0	0	0	0	0
12	550,000	587,000	664,500	0	0	0	0	0	0	0	0	0
13	640,000	697,500	689,500	0	0	0	0	0	0	0	0	0
14	625,000	697,500	689,500	0	0	0	0	0	0	0	0	0
15	741,000	680,000	670,000	0	0	0	0	0	0	0	0	0
16	729,500	675,000	685,000	0	0	0	0	0	0	0	0	0
17	729,500	685,000	665,000	0	0	0	0	0	0	0	0	0
18	705,000	668,000	655,000	0	0	0	0	0	0	0	0	0
19	700,000	668,000	646,000	0	0	0	0	0	0	0	0	0
20	690,000	697,000	697,000	0	0	0	0	0	0	0	0	0
21	759,000	697,000	697,000	0	0	0	0	0	0	0	0	0
22	683,000	675,000	675,000	0	0	0	0	0	0	0	0	0
23	683,000	675,000	675,000	0	0	0	0	0	0	0	0	0
24	683,000	679,500	670,000	0	0	0	0	0	0	0	0	0
25	686,000	684,000	738,000	0	0	0	0	0	0	0	0	0
26	804,000	642,000	680,667	0	0	0	0	0	0	0	0	0
27	570,000	694,500	680,667	0	0	0	0	0	0	0	0	0
28	655,500	694,500	680,667	0	0	0	0	0	0	0	0	0
29	655,500		610,000	0	0	0	0	0	0	0	0	0
30	690,500		710,000	0	0	0	0	0	0	0	0	0
31	690,500		720,000	0	0	0	0	0	0	0	0	0
Total	21,175,000	18,994,500	20,980,000	0	0	0	0	0	0	0	0	0
Ave	683,065	678,375	676,774	0	0	0	0	0	0	0	0	0
Gal/Hr.	28,461	28,266	28,199	0	0	0	0	0	0	0	0	0
Gal/Min	474	471	470	0	0	0	0	0	0	0	0	0

GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2005

Well No.	Time	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D		18.3	20.5	Flooded									
EW-8		21.35	21.6	14.1									
EW-9		17.1	17.3	Flooded									
EW-11													
EW-12		29.3	29.5	19.6									
EW-14		18.4	18.1	Flooded									
MW-3		28.15	28.3	15.7									
MW-6D		22.5	22.8	14.1									
MW-8D													
MW-9D		24.9	25.3	17.3									
MW-7S		18.6	19	9.7									
MW-7D		15.8	16.5	9.4									
MW-11		22.8	23	10.3									
MW-12		25.1	25.3	13.5									
MW-13D		12.8	11	Flooded									
MW-21		30.3	30.5	24									
MW-22D		28.1	28.4	20.3									
MW-25D		15.7	16.2	8.5									
MW-29		12.3	12.5	Flooded									
MW-30		22.3	22.5	12.2									
MW-31		22.1	22.3	12.4									
MW-32		7	7.9	Flooded									
MW-33		18	18.2	Flooded									
MW-34		14.2	14.4	Flooded									
MW-35		19	19.3	9.5									
SPW		22	22.2	12.3									

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto

DATE: 31-Jan-05

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	18.3	800.03	
EW-8		823.34	21.4	801.94	
EW-9		818.61	17.1	801.51	
EW-11					
EW-12		830.33	29.3	801.03	
EW-14		823.04	18.4	804.64	
MW-3		830.52	28.2	802.37	
MW-6D		826.55	22.5	804.05	
MW-8D					
MW-9D		832.07	24.9	807.17	
MW-7S		823.21	18.6	804.61	
MW-7D		823.28	15.8	807.48	
MW-11		827.61	22.8	804.81	
MW-12		829.74	25.1	804.64	
MW-13D		814.29	12.8	801.49	
MW-21		834.56	30.3	804.26	
MW-22D		831.83	28.1	803.73	
MW-25D		821.52	15.7	805.82	
MW-29		816.51	12.3	804.21	
MW-30		823.47	22.3	801.17	
MW-31		823.00	22.1	800.90	
MW-32		809.85	7.0	802.85	
MW-33		819.37	18.0	801.37	
MW-34		815.37	14.2	801.17	
MW-35		820.34	19.0	801.34	
SPW		822.37	22.0	800.37	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto

DATE: 2/24/2005

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	20.5	797.83	
EW-8		823.34	21.6	801.74	
EW-9		818.61	17.3	801.31	
EW-11					
EW-12		830.33	29.5	800.83	
EW-14		823.04	18.1	804.94	
MW-3		830.52	28.3	802.22	
MW-6D		826.55	22.8	803.75	
MW-8D					
MW-9D		832.07	25.3	806.77	
MW-7S		823.21	19.0	804.21	
MW-7D		823.28	16.5	806.78	
MW-11		827.61	23.0	804.61	
MW-12		829.74	25.3	804.44	
MW-13D		814.29	11.0	803.34	
MW-21		834.56	30.5	804.06	
MW-22D		831.83	28.4	803.43	
MW-25D		821.52	16.2	805.32	
MW-29		816.51	12.5	804.01	
MW-30		823.47	22.5	800.97	
MW-31		823.00	22.3	800.70	
MW-32		809.85	7.9	801.95	
MW-33		819.37	18.2	801.17	
MW-34		815.37	14.4	800.97	
MW-35		820.34	19.3	801.04	
SPW		822.37	22.2	800.17	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto DATE: 3/30/2005

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	Flooded	#VALUE!	
EW-8		823.34	14.1	809.24	
EW-9		818.61	Flooded	#VALUE!	
EW-11					
EW-12		830.33	19.6	810.73	
EW-14		823.04	Flooded	#VALUE!	
MW-3		830.52	15.7	814.82	
MW-6D		826.55	14.1	812.45	
MW-8D					
MW-9D		832.07	17.3	814.77	
MW-7S		823.21	9.7	813.51	
MW-7D		823.28	9.4	813.88	
MW-11		827.61	10.3	817.31	
MW-12		829.74	13.5	816.24	
MW-13D		814.29	Flooded	#VALUE!	
MW-21		834.56	24.0	810.56	
MW-22D		831.83	20.3	811.53	
MW-25D		821.52	8.5	813.02	
MW-29		816.51	Flooded	#VALUE!	
MW-30		823.47	12.2	811.27	
MW-31		823.00	12.4	810.60	
MW-32		809.85	Flooded	#VALUE!	
MW-33		819.37	Flooded	#VALUE!	
MW-34		815.37	Flooded	#VALUE!	
MW-35		820.34	9.5	810.84	
SPW		822.37	12.3	810.07	

File on eDOCs? ____ Yes ____ No
Site Name _____
Site # _____
County _____
Town _____
Foilable _____ Yes _____ No
Please Write The cDOC File
Name Description _____

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A
625 Broadway, 11th Floor
Albany, New York 12233-7015
Phone: (518) 402-9625 • Fax: (518) 402-9022
Website: www.dec.state.ny.us

March 1, 2005

Mr. Philip B. Grayson
Industrial Pretreatment Coordinator
Village of Endicott
1009 East Main Street
Endicott, New York 13760

Dear Mr. Grayson:

Re: Endicott Village Landfill and Wellfield, Site No. 704008, Broome County

I have reviewed the quarterly Inspection Report for September through November 2004 for the Endicott Village Landfill. The New York State Department of Environmental Conservation (NYSDEC) accepts the report as submitted. Please note the following changes for future correspondence submitted to the Department. The project manager for the site has changed.. Please substitute Ms. Sally Dewes, P.E., for my name on your correspondence list. The email address of Ms. Dewes is sxdewes@gw.dec.state.ny.us and her telephone # is (518) 402-9768.

Should you have any questions or comments, my telephone is (518) 402-9646 and fax is (518) 402-9627. My email is lxlampma@gw.dec.state.ny.us

Sincerely,

Larry Lampman, P.E.
Environmental Engineer I

cc: S. Henry, EPA
J. Burke, P.E. DEC Reg. 7
S. Dewes, P.E., DEC

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A
625 Broadway, 11th Floor
Albany, New York 12233-7015
Phone: (518) 402-9625 • Fax: (518) 402-9022
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Erin M. Crotty
Commissioner

March 1, 2005

Mr. Philip B. Grayson
Industrial Pretreatment Coordinator
Village of Endicott
1009 East Main Street
Endicott, New York 13760

Dear Mr. Grayson:

Re: Endicott Village Landfill and Wellfield, Site No. 704008, Broome County

I have reviewed the quarterly Inspection Report for September through November 2004 for the Endicott Village Landfill. The New York State Department of Environmental Conservation (NYSDEC) accepts the report as submitted. Please note the following changes for future correspondence submitted to the Department. The project manager for the site has changed.. Please substitute Ms. Sally Dewes, P.E., for my name on your correspondence list. The email address of Ms. Dewes is sxdewes@gw.dec.state.ny.us and her telephone # is (518) 402-9768.

Should you have any questions or comments, my telephone is (518) 402-9646 and fax is (518) 402-9627. My email is lxlampma@gw.dec.state.ny.us

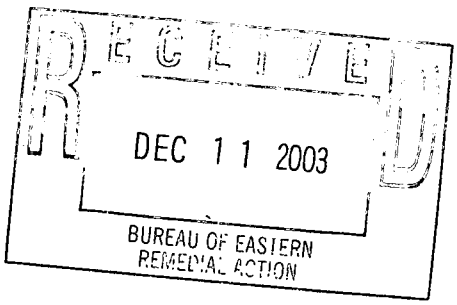
Sincerely,

Larry Lampman

Larry Lampman, P.E.
Environmental Engineer I

cc: S. Henry, EPA
J. Burke, P.E. DEC Reg. 7
S. Dewes, P.E., DEC

Village of Endicott
Industrial Pretreatment Dept.
1009 E. Main St.
Endicott, New York 13760



December 5, 2003

Ms. Sherrel Henry
U.S. Environmental Protection Agency, Region II
Emergency & Remediation Response Division
290 Broadway
New York, New York 10007-1866

Re: Endicott Landfill
Operable Unit 2
Endicott, New York

Dear Ms. Henry:

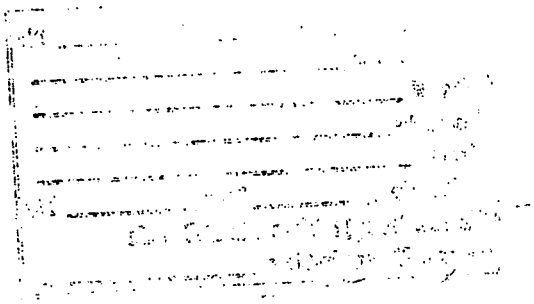
Enclosed please find a copy of our quarterly Landfill Inspection Report (September, 2003 – November, 2003).

If you have any questions, please call me at 1-607-757-5307.

Sincerely,

Stephen R. Cerny
Industrial Pretreatment Coordinator

Cc: Mr. Larry Lampman, P.E., DEC
Mr. James Burke, P.E., DEC
Ms. Jean McCreary, EJ
Mr. Tom Morris, IBM
Mr. Jack Cheevers, Town of Union
Mayor Colella, Village of Endicott



POST CLOSURE INSPECTION FORM

Checklist

A. Capped Area

Capped area will be inspected by traversing the cover and observing for the following items:

		No	Yes
1.	Is there bare, dead or damaged grassed area?	___	✓
2.	Is there evidence of cracks or subsidence?	✓	___
3.	Is there evidence of burrowing by animals?	✓	___
4.	Is there any deep-rooted vegetation present?	✓	___
5.	Is there any erosion damage to grassed areas?	✓	___

Comments: *(Required for each Yes answer)*

Sporadic bare spots will be seeded in the Spring, 2004

B. Paved Areas and Access Roads

The paved areas and access roads on the property will be inspected by traversing their entire length and observing for the following:

		No	Yes
1.	Is there any erosion damage to road/paved surface?	✓	___
2.	Are there substantial potholes?	✓	___
3.	Is there evidence of cracks or subsidence?	✓	___

Comments: *(Required for each Yes answer)*

There remains some cracks and depressions throughout the paved area, but, as stated in previous reports, this area is destined to be covered as part of a runway extension at the Tri-Cities Airport.

C. Site Drainage System

The drainage system will be inspected by traversing the full length of the system and examining for the following:

		No	Yes
Over-Cover Drainage			
1.	Is there any erosion damage to swales?	✓	
2.	Is there any debris in swales?	✓	
3.	Is there any sloughing of cap system?	✓	
Perimeter Drainage			
1.	Is there any erosion damage to drainage ditch?	✓	
2.	Is there any debris or sediment in drainage ditch?	✓	
3.	Seeps Observed	✓	

Comments: *(Required for each Yes answer)*

D. Monitoring Wells

Monitoring wells will be inspected for the following:

		No	Yes
1.	Is there any damage to the lock or locking cap?	✓	
2.	Is there any evidence of erosion of soils in the immediate area around the well casing?	✓	
3.	Is concrete collar cracked or settled?	✓	

Comments: *(Required for each Yes answer)*

E. Gas Vents

Gas vents will be inspected for the following:

		No	Yes
1.	Is there any damage to the risers?	✓	
2.	Are any insert screens broken or missing?	✓	

Comments: *(Required for each Yes answer)*

Damaged risers have been fixed ~~last~~ earlier in 2003.

3. Description of Air Monitoring Activities *(indicate readings)*

None

F. Security

Site security of the facility will be inspected by examining the following items:

		No	Yes
1.	Is there any damage to gates?	✓	
2.	Are there any damaged, missing or obstructed warning signs?	✓	

Comments: *(Required for each Yes answer)*

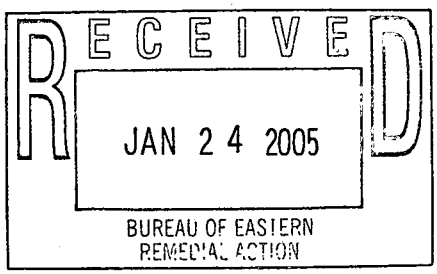
Stephen R Cerny
Inspector

Signature

12/5/03
Date

File on eDOCs? _____ Yes _____ No
Site Name _____
Site # _____
County _____
Town _____
Foilable _____ Yes _____ No
Please Write The eDOC File
Name Description _____

Village of Endicott
Industrial Pretreatment Dept.
1009 E. Main St.
Endicott, New York 13760



January 20, 2005

Ms. Sherrel Henry
U.S. Environmental Protection Agency, Region II
Emergency & Remediation Response Division
290 Broadway
New York, New York 10007-1866

Re: Endicott Landfill
Operable Unit 2
Endicott, New York

Dear Ms. Henry:

Enclosed please find a copy of our quarterly Landfill Inspection Report (September, 2004 – November, 2004).

If you have any questions, please call me at 1-607-757-5307.

Sincerely,

Philip B. Grayson
Industrial Pretreatment Coordinator

Cc: Mr. Larry Lampman, P.E., DEC
Mr. James Burke, P.E., DEC
Ms. Jean McCreary, EJ
Mr. Tom Morris, IBM
Mr. John Bernardo, Town of Union
Mayor Pulse, Village of Endicott

POST CLOSURE INSPECTION FORM

Checklist

A. Capped Area

Capped area will be inspected by traversing the cover and observing for the following items:

		No	Yes
1.	Is there bare, dead or damaged grassed area?	X	
2.	Is there evidence of cracks or subsidence?	X	
3.	Is there evidence of burrowing by animals?	X	
4.	Is there any deep-rooted vegetation present?	X	
5.	Is there any erosion damage to grassed areas?	X	

Comments: *(Required for each Yes answer)*

B. Paved Areas and Access Roads

The paved areas and access roads on the property will be inspected by traversing their entire length and observing for the following:

		No	Yes
1.	Is there any erosion damage to road/paved surface?	X	
2.	Are there substantial potholes?	X	
3.	Is there evidence of cracks or subsidence?		X

Comments: *(Required for each Yes answer)*

Cracks are apparent is some locations. There are tentative plans to address this in early to mid-2005.

C. Site Drainage System

The drainage system will be inspected by traversing the full length of the system and examining for the following:

		No	Yes
Over-Cover Drainage			
1.	Is there any erosion damage to swales?	X	
2.	Is there any debris in swales?	X	
3.	Is there any sloughing of cap system?	X	
Perimeter Drainage			
1.	Is there any erosion damage to drainage ditch?	X	
2.	Is there any debris or sediment in drainage ditch?	X	
3.	Seeps Observed	X	

Comments: *(Required for each Yes answer)*

D. Monitoring Wells

Monitoring wells will be inspected for the following:

		No	Yes
1.	Is there any damage to the lock or locking cap?	X	
2.	Is there any evidence of erosion of soils in the immediate area around the well casing?	X	
3.	Is concrete collar cracked or settled?	X	

Comments: *(Required for each Yes answer)*

E. Gas Vents

Gas vents will be inspected for the following:

	No	Yes
1. Is there any damage to the risers?		X
2. Are any insert screens broken or missing?	X	

Comments: *(Required for each Yes answer)*

The two risers, #48 and #54, were tilted.

3. Description of Air Monitoring Activities *(indicate readings)*

F. Security

Site security of the facility will be inspected by examining the following items:

	No	Yes
1. Is there any damage to gates?	X	
2. Are there any damaged, missing or obstructed warning signs?	X	

Comments: *(Required for each Yes answer)*

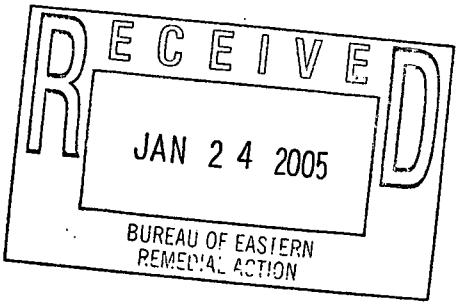
Philip Grayson
Inspector

Philip Grayson
Signature

11/12/04
Date

File on eDOCs? _____ Yes _____ No
Site Name _____
Site # _____
County _____
Town _____
Foilable _____ Yes _____ No
Please Write The eDOC File
Name Description _____

Village of Endicott
Industrial Pretreatment Dept.
c/o 1009 E. Main St.
Endicott, New York 13760



January 19, 2005

USEPA, Region II
Emergency and Remediation Response Division
290 Broadway
New York, New York 10007

Attn: Sherrel Henry

Re: Supplemental Purge Well ,
Endicott Wellfield Site

Dear Ms. Henry:

Pursuant to EPA's approval of the Village of Endicott's proposal for a reduction in the frequency of monitoring and analysis for the Supplemental Purge Well, I am submitting a report for the 4th quarter of 2004 containing the water level readings of the supplemental purge well as well as copies of the required laboratory analysis of the SPW and the final effluent.

The average daily flows for the months contained in the this reporting period are:

October, 2004..... 667,871 gal/day (359 gal/min)
November, 2004..... 665,533 gal/day (370 gal/min)
December, 2004..... 677,847 gal/day (364 gal/min)

In addition, summaries of daily SPW flows, a listing of detectable VOC's and water level readings for the year 2004 are also contained.

If you have any questions concerning this report, please call me at 1-607-757-5307.

Sincerely,

Philip B. Grayson
Industrial Pretreatment Coord.

cc: ~~NYSDEC, Larry Lampman, P.E.~~
NYSDEC, James Burke, P.E.
Malcom Prinie, Bruce Nelson
Village of Endicott File

FLI
FRIEND LABORATORY I · N · C

32 ITHACA STREET WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

NY 10252 NJ 73168
PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Philip Grayson

Order Number: 0410-00522
Date Reported: 10/27/2004
Date Received: 10/13/2004
Invoice Number: 9600
Customer Number: E050
Customer PO:

Subject:
624

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
001	**SPW Grab 10/13/2004 7:25 Client**					
	624 Total Volatiles				EPA 624	10/21/04, 14:03, FE
	Acrolein	U	ug/L	20		10/21/04, 14:03, FE
	Acrylonitrile	U	ug/L	20		10/21/04, 14:03, FE
	Benzene	U	ug/L	5		10/21/04, 14:03, FE
	Bromodichloromethane	U	ug/L	5		10/21/04, 14:03, FE
	Bromoform	U	ug/L	5		10/21/04, 14:03, FE
	Bromomethane	U	ug/L	5		10/21/04, 14:03, FE
	Carbon Tetrachloride	U	ug/L	5		10/21/04, 14:03, FE
	Chlorobenzene	U	ug/L	5		10/21/04, 14:03, FE
	Chloroethane	14	ug/L	5		10/21/04, 14:03, FE
	2-Chloroethylvinyl ether	U	ug/L	5		10/21/04, 14:03, FE
	Chloroform	U	ug/L	5		10/21/04, 14:03, FE
	Chloromethane	U	ug/L	5		10/21/04, 14:03, FE
	Dibromochloromethane	U	ug/L	5		10/21/04, 14:03, FE
	1,2-Dichlorobenzene	U	ug/L	5		10/21/04, 14:03, FE
	1,3-Dichlorobenzene	U	ug/L	5		10/21/04, 14:03, FE
	1,4-Dichlorobenzene	U	ug/L	5		10/21/04, 14:03, FE
	1,1-Dichloroethane	U	ug/L	5		10/21/04, 14:03, FE
	1,2-Dichloroethane	U	ug/L	5		10/21/04, 14:03, FE
	1,1-Dichloroethene	U	ug/L	5		10/21/04, 14:03, FE
	cis-1,2-Dichloroethene	18	ug/L	5		10/21/04, 14:03, FE
	trans-1,2-Dichloroethene	U	ug/L	5		10/21/04, 14:03, FE
	1,2-Dichloropropane	U	ug/L	5		10/21/04, 14:03, FE
	cis-1,3-Dichloropropene	U	ug/L	5		10/21/04, 14:03, FE
	trans-1,3-Dichloropropene	U	ug/L	5		10/21/04, 14:03, FE
	Ethylbenzene	U	ug/L	5		10/21/04, 14:03, FE
	Methylene Chloride	U	ug/L	5		10/21/04, 14:03, FE
	Styrene	U	ug/L	5		10/21/04, 14:03, FE
	1,1,2,2-Tetrachloroethane	U	ug/L	5		10/21/04, 14:03, FE
	Tetrachloroethene	U	ug/L	5		10/21/04, 14:03, FE
	Toluene	U	ug/L	5		10/21/04, 14:03, FE
	1,1,1-Trichloroethane	U	ug/L	5		10/21/04, 14:03, FE
	1,1,2-Trichloroethane	U	ug/L	5		10/21/04, 14:03, FE
	Trichloroethene	U	ug/L	5		10/21/04, 14:03, FE
	Trichlorofluoromethane	U	ug/L	5		10/21/04, 14:03, FE
	Vinyl Chloride	22	ug/L	2		10/21/04, 14:03, FE
	o-Xylene	U	ug/L	5		10/21/04, 14:03, FE
	m- & p-Xylenes	U	ug/L	5		10/21/04, 14:03, FE
	Dibromofluoromethane (Surr)	93	% Rec			10/21/04, 14:03, FE
	Toluene-d8 (Surr)	94	% Rec			10/21/04, 14:03, FE
	4-Bromofluorobenzene (Surr)	102	% Rec			10/21/04, 14:03, FE

Key: E = estimated value
ND or U = analyte not detected
B = analyte was detected in the method or trip blank
< = less than the indicated value
ug/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter (equivalent to parts per million)
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FLI
FRIEND LABORATORY I · N · C

32 ITHACA STREET WAVERLY, NY 14892-1532
TELEPHONE (607) 565-3500 FAX (607) 565-4083

NY 10252 NJ 73168
PA 68180 EPA NY00033

Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
Endicott, NY 13760
Attn: Philip Grayson

Order Number: 0410-00522
Date Reported: 10/27/2004
Date Received: 10/13/2004
Invoice Number: 9600
Customer Number: E050
Customer PO:

Subject:
624

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
001	**SPW Grab 10/13/2004 7:25 Client**					
	.....continued					
	1,2-Dichloroethane-d4 (Surr	94	% Rec			10/21/04, 14:03, FE
002	**Effluent Grab 10/13/2004 7:40 Client**					
	624 Total Volatiles				EPA 624	10/22/04, 18:08, FE
	Acrolein	U	ug/L	20		10/22/04, 18:08, FE
	Acrylonitrile	U	ug/L	20		10/22/04, 18:08, FE
	Benzene	U	ug/L	5		10/22/04, 18:08, FE
	Bromodichloromethane	6	ug/L	5		10/22/04, 18:08, FE
	Bromoform	U	ug/L	5		10/22/04, 18:08, FE
	Bromomethane	U	ug/L	5		10/22/04, 18:08, FE
	Carbon Tetrachloride	U	ug/L	5		10/22/04, 18:08, FE
	Chlorobenzene	U	ug/L	5		10/22/04, 18:08, FE
	Chloroethane	U	ug/L	5		10/22/04, 18:08, FE
	2-Chloroethylvinyl ether	U	ug/L	5		10/22/04, 18:08, FE
	Chloroform	11	ug/L	5		10/22/04, 18:08, FE
	Chloromethane	U	ug/L	5		10/22/04, 18:08, FE
	Dibromochloromethane	U	ug/L	5		10/22/04, 18:08, FE
	1,2-Dichlorobenzene	U	ug/L	5		10/22/04, 18:08, FE
	1,3-Dichlorobenzene	U	ug/L	5		10/22/04, 18:08, FE
	1,4-Dichlorobenzene	U	ug/L	5		10/22/04, 18:08, FE
	1,1-Dichloroethane	U	ug/L	5		10/22/04, 18:08, FE
	1,2-Dichloroethane	U	ug/L	5		10/22/04, 18:08, FE
	1,1-Dichloroethene	U	ug/L	5		10/22/04, 18:08, FE
	cis-1,2-Dichloroethene	U	ug/L	5		10/22/04, 18:08, FE
	trans-1,2-Dichloroethene	U	ug/L	5		10/22/04, 18:08, FE
	1,2-Dichloropropane	U	ug/L	5		10/22/04, 18:08, FE
	cis-1,3-Dichloropropene	U	ug/L	5		10/22/04, 18:08, FE
	trans-1,3-Dichloropropene	U	ug/L	5		10/22/04, 18:08, FE
	Ethylbenzene	U	ug/L	5		10/22/04, 18:08, FE
	Methylene Chloride	U	ug/L	5		10/22/04, 18:08, FE
	Styrene	U	ug/L	5		10/22/04, 18:08, FE
	1,1,2,2-Tetrachloroethane	U	ug/L	5		10/22/04, 18:08, FE
	Tetrachloroethene	U	ug/L	5		10/22/04, 18:08, FE
	Toluene	U	ug/L	5		10/22/04, 18:08, FE
	1,1,1-Trichloroethane	U	ug/L	5		10/22/04, 18:08, FE
	1,1,2-Trichloroethane	U	ug/L	5		10/22/04, 18:08, FE
	Trichloroethene	U	ug/L	5		10/22/04, 18:08, FE
	Trichlorofluoromethane	U	ug/L	5		10/22/04, 18:08, FE

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FLI
FRIEND LABORATORY I · N · C

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TELEPHONE (607) 565-3500 FAX (607) 565-4083

NY 10252 NJ 73168
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Certificate of Analysis

Endicott Waste Water Treatment
1009 East Main Street
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Attn: Philip Grayson

Order Number: 0410-00522
Date Reported: 10/27/2004
Date Received: 10/13/2004
Invoice Number: 9600
Customer Number: E050
Customer PO:

Subject:
624

SMP	Analysis Performed	Result	Units	Detection Limit	Method	Analysis Information
002	**Effluent Grab 10/13/2004 7:40 Client**					
	.....continued					
	Vinyl Chloride	U	ug/L	2		10/22/04, 18:08, FE
	o-Xylene	U	ug/L	5		10/22/04, 18:08, FE
	m- & p-Xylenes	U	ug/L	5		10/22/04, 18:08, FE
	Dibromofluoromethane (Surr)	108	% Rec			10/22/04, 18:08, FE
	Toluene-d8 (Surr)	97	% Rec			10/22/04, 18:08, FE
	4-Bromofluorobenzene (Surr)	103	% Rec			10/22/04, 18:08, FE
	1,2-Dichloroethane-d4 (Surr	101	% Rec			10/22/04, 18:08, FE

Approved By: _____
Jason Homrighaus, Managing Director

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mg/Kg = milligrams per kilogram (equivalent to parts per million)

re ___ of ___ CHAIN OF CUSTODY RECORD CUSTOMER CODE #

OJECT NO./ NAME	CLIENT NAME	SAMPLE SITE	SAMPLER'S SIGNATURE
SPW Project	Village of Endicott WWTP	SPW and Eff	Philip Grayson

410-522

MPLE O.	SAMPLING DATE	SAMPLING TIME	ORIGIN/SOURCE	# OF CONTAIN-ERS	DESCRIPTION COMP	GRAB	OTHER	ANALYSES/TESTS REQUESTED
	10/13/04	725am	SPW	2		X		VOC's -1
	10/13/04	740am	Eff	2		x		VOC's -2

INQUISHED BY VATURE VT Philip Grayson	DATE/TIME 10/13/04	RECEIVED BY SIGNATURE PRINT	DATE/TIME 10/13	RELINQUISHED BY SIGNATURE PRINT	DATE/TIME
EIVED BY VATURE VT	DATE/TIME	RELINQUISHED BY SIGNATURE PRINT	DATE/TIME	RECEIVED AT LAB BY SIGNATURE Toni Jones PRINT	DATE/TIME 10/13/04 1006

MARKS

FRIEND LABORATORY, INC.
ONE RESEARCH CIRCLE • WAVERLY, NEW YORK 14892
PHONE (607) 565-3500 • FAX (607) 565-4065

Supplemental Purge Well
Monthly Analysis: VOC's
2004 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						Results in ug/L							
Vinyl Chloride	**22**	x	x	**21.5**	x	x	**22**	x	x	22	x	x	87.5
Chloromethane	<5	x	x	<5	x	x	<5	x	x	x	x	x	0
Chloroethane	**10**	x	x	**14.7**	x	x	**16**	x	x	14	x	x	54.7
Methylene Chloride	<1	x	x	<1	x	x	<5	x	x	x	x	x	0
Dichlorodifluoromethane	<1	x	x	<1	x	x	<5	x	x	x	x	x	0
Trichloroethene	<1	x	x	<1	x	x	<5	x	x	x	x	x	0
1,1-Dichloroethane	**3**	x	x	<1	x	x	**6**	x	x	x	x	x	9
1,1-Dichloroethene	<1	x	x	<1	x	x	<5	x	x	x	x	x	0
cis-1,2-Dichloroethene	**24**	x	x	**20.7**	x	x	**26**	x	x	18	x	x	88.7
cis-1,3-Dichloropropene	<1	x	x	<1	x	x	<5	x	x	x	x	x	0
Chlorobenzene	**2**	x	x	<1	x	x	<5	x	x	x	x	x	2
Benzene	**0.8**	x	x	<1	x	x	<5	x	x	x	x	x	0.8
Toluene	<1	x	x	<1	x	x	<5	x	x	x	x	x	0
Chloroform	<1	x	x	<1	x	x	<5	x	x	x	x	x	0
m-Xylene & p-Xylene	<1	x	x	<1	x	x	<5	x	x	x	x	x	0
													0
Total VOC's	**61.8**	**x**	**x**	**56.9**	**x**	**x**	**70**	**x**	**x**	**54**	**x**	**x**	242.7

Final Effluent
Monthly Analysis: VOC's
2004 Detectable Quantities

Parameter	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
	Results in ug/L												
Vinyl Chloride	<1	x	x	<1	x	x	<5	x	x	<5	x	x	0
Chloromethane	<5	x	x	<5	x	x	<5	x	x	<5	x	x	0
Chloroethane	<5	x	x	<5	x	x	<5	x	x	<5	x	x	0
Methylene Chloride	<1	x	x	<1	x	x	<5	x	x	<5	x	x	0
Dichlorodifluoromethane	<1	x	x	<1	x	x	<5	x	x	<5	x	x	0
Trichloroethene	<1	x	x	<1	x	x	<5	x	x	<5	x	x	0
1,1-Dichloroethane	<1	x	x	<1	x	x	<5	x	x	<5	x	x	0
1,1-Dichloroethene	<1	x	x	<1	x	x	<5	x	x	<5	x	x	0
cis-1,2-Dichloroethene	<1	x	x	<1	x	x	<5	x	x	<5	x	x	0
cis-1,3-Dichloropropene	<1	x	x	<1	x	x	<5	x	x	<5	x	x	0
Chlorobenzene	<1	x	x	<1	x	x	<5	x	x	<5	x	x	0
Benzene	<1	x	x	<1	x	x	**11**	x	x	<5	x	x	11
Toluene	<1	x	x	<1	x	x	<5	x	x	<5	x	x	0
Chloroform	**3**	x	x	<1	x	x	**19**	x	x	**11**	x	x	33
Bromodichloromethane	**2**	x	x	<1	x	x	<5	x	x	**6**	x	x	8
m-Xylene & p-Xylene	<1	x	x	<1	x	x	<5	x	x	<5	x	x	0
Total VOC's	**5**	**x**	**x**	**<5**	**x**	**x**	**30**	**x**	**x**	**17**	**x**	**x**	**52**

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2004

Well No.	Time	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D		800.63	793.93	798.53	802.63	799.53	799.73	803.13	798.8	799.4	800.0	802.83	803.83
EW-8		799.44	797.64	802.14	802.54	800.64	797.44	814.14	802.2	802.9	799.6	806.24	806.44
EW-9		800.31	797.11	801.71	802.11	800.71	796.91	805.51	801.8	802.4	799.2	806.01	806.61
EW-11													
EW-12		798.83	796.63	801.23	801.63	800.33	796.43	805.13	801.4	801.9	798.7	805.73	805.13
EW-14		797.24	799.34	802.94	805.44	799.94	799.24	813.04	803.3	803.5	798.7	809.04	808.94
MW-3		799.82	797.97	802.72	803.32	801.82	798.12	807.52	802.8	803.1	799.7	809.52	810.52
MW-6D		802.45	799.95	804.25	804.35	803.15	799.55	805.95	803.9	805.1	801.9	807.35	808.25
MW-8D													
MW-9D		803.32	795.27	807.27	807.27	806.07	802.67	807.07	806.7	808.2	804.8	809.17	810.07
MW-7S		801.61	802.41	805.11	805.11	803.91	800.31	806.71	804.4	805.4	802.9	809.11	810.31
MW-7D		800.48	801.98	806.98	806.98	805.48	802.58	806.38	806.3	809.0	805.5	809.98	810.78
MW-11		802.31	801.91	804.81	805.01	803.91	801.91	806.91	805.0	805.8	802.8	803.01	804.61
MW-12		800.04	801.14	804.84	805.24	803.54	802.24	807.24	804.9	808.8	803.0	807.14	808.49
MW-13D		802.09	799.49	803.69	804.09	800.89	798.69	799.79	803.8	804.2	803.7	810.79	812.19
MW-21		801.76	799.76	804.16	804.56	803.36	799.76	806.66	804.5	805.1	801.4	804.76	805.91
MW-22D		804.33	799.43	803.73	804.13	802.93	799.33	807.63	803.8	804.6	801.2	806.23	807.33
MW-25D		802.72	796.62	805.72	805.62	804.42	801.02	808.52	805.1	806.8	803.1	806.82	807.52
MW-29		801.41	801.21	804.91	805.11	799.81	799.01	804.01	804.3	804.4	802.7	811.01	812.21
MW-30		800.77	796.67	801.32	801.77	800.47	796.57	805.37	801.6	802.1	798.9	806.27	807.22
MW-31		801.6	796.5	801.1	801.5	800.2	796.30	805.00	801.3	801.8	798.6	805.70	807.00
MW-32		799.55	797.05	802.45	802.65	801.45	797.75		802.4	803.4	790.3		807.85
MW-33		799.87	796.97	801.57	801.97	800.67	796.77	805.37	801.7	802.4	799.1	805.87	807.37
MW-34		788.77	796.72	801.37	801.77	800.37	796.57	805.37	801.6	802.1	798.8	805.87	807.17
MW-35		799.84	796.84	801.44	801.84	800.54	796.74	805.34	801.6	802.2	798.9	805.94	807.24
SPW		800.87	796.07	800.57	800.97	799.67	795.77	804.47	800.8	801.3	798.1	805.17	806.17

Suppemental Purge Well
Daily Flow Readings: 2004
Gal./Day

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	674,500	666,000	651,000	801,000	618,000	681,000	673,000	718,000	1,360,000	739,000	390,000	690,000
2	674,500	666,000	652,000	538,000	686,000	656,000	592,000	718,000	700,000	641,000	711,000	700,000
3	621,000	695,000	643,000	578,000	686,000	683,000	620,000	693,000	720,000	695,000	660,000	714,000
4	694,000	596,000	655,000	688,500	670,000	678,000	656,500	690,000	610,000	695,000	685,000	655,000
5	694,000	645,000	741,000	688,500	679,000	611,000	656,500	692,000	686,000	727,000	737,000	730,000
6	670,000	733,000	573,000	678,000	666,000	730,000	699,000	648,000	686,000	643,000	591,000	730,000
7	667,000	496,000	714,500	672,000	657,500	730,000	670,000	658,000	728,000	685,000	686,000	666,000
8	679,000	662,000	714,500	671,000	657,500	627,000	660,000	711,000	680,000	715,000	686,000	685,000
9	701,000	662,000	659,000	655,500	688,500	666,000	688,000	711,000	680,000	614,000	685,000	695,000
10	492,000	653,000	747,000	655,500	688,500	616,000	584,000	677,000	675,000	698,000	665,000	679,000
11	697,000	663,000	646,000	682,000	666,000	700,000	694,000	670,000	661,000	698,000	677,500	657,000
12	697,000	651,000	702,000	682,000	672,000	616,000	694,000	680,000	703,500	680,000	677,500	729,500
13	606,000	743,000	662,000	670,000	665,000	679,000	660,000	757,000	703,500	764,000	645,000	729,500
14	620,000	532,000	743,500	669,000	677,000	679,000	670,000	573,000	682,000	589,000	690,000	746,000
15	713,000	674,500	743,500	670,000	608,000	692,000	665,000	695,000	685,000	684,000	690,000	664,000
16	693,000	674,500	642,000	823,000	700,000	633,000	616,000	695,000	678,000	661,000	670,000	700,000
17	561,000	659,000	681,000	505,000	700,000	658,000	638,000	200,000	655,000	676,000	680,000	783,000
18	695,000	644,000	684,000	695,000	661,000	64,000	675,000	680,000	420,667	676,000	680,000	577,000
19	695,000	650,000	613,000	695,000	662,000	602,000	675,000	680,000	420,667	670,000	679,000	702,000
20	611,000	667,500	605,000	670,000	664,000	687,500	742,000	669,000	420,667	670,000	623,000	702,000
21	692,000	667,500	699,500	680,000	682,000	687,500	743,000	676,000	715,000	670,000	684,000	686,000
22	634,000	643,000	699,500	665,000	619,000	672,500	514,000	702,500	710,000	661,500	684,000	279,000
23	711,000	643,000	678,000	630,000	680,000	672,500	741,000	702,500	705,000	661,500	670,000	618,000
24	546,000	657,000	679,000	674,000	680,000	673,000	566,000	690,000	749,000	701,000	680,000	706,000
25	695,000	650,000	673,000	690,000	663,000	667,000	692,500	673,000	629,000	701,000	688,500	680,000
26	695,000	650,000	716,000	690,000	654,000	627,000	692,500	797,000	708,500	650,000	688,500	680,000
27	604,000	658,000	576,000	678,000	668,000	698,000	673,000	619,000	708,500	670,000	599,000	767,000
28	662,000	620,000	702,000	673,000	664,000	698,000	680,000	619,000	710,000	675,000	682,000	605,000
29	712,000	651,000	702,000	670,000	625,000	676,000	708,500	706,000	675,000	643,000	682,000	736,000
30	655,000		678,000	687,000	675,000	664,000	708,500	706,000	695,000	661,000	700,000	634,000
31	626,000		754,000		675,000		614,000	680,000		390,000		670,000
Total	20,387,000	18,872,000	21,029,000	20,124,000	20,657,000	19,424,000	20,561,000	20,786,000	20,560,000	20,704,000	19,966,000	20,995,000
Ave	657,645	650,759	678,355	670,800	666,355	647,467	663,258	670,516	685,333	667,871	665,533	677,258
Gal/Day	21,214	23,241	21,882	22,360	21,495	21,582	21,395	21,630	22,844	21,544	22,184	21,847
Gal/Min	354	387	365	373	358	360	357	360	381	359	370	364

GROUNDWATER DEPTHS
VILLAGE OF ENDICOTT
ANNUAL SUMMARIES: 2004

Well No.	Time	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
B-4													
B-21													
EW-3D		17.7	24.4	19.8	15.7	18.8	18.6	15.2	19.5	18.9	18.3	15.5	14.5
EW-8		23.9	25.7	21.2	20.8	22.7	25.9	9.2	21.1	20.4	23.7	17.1	16.9
EW-9		18.3	21.5	16.9	16.5	17.9	21.7	13.1	16.8	16.2	19.4	12.6	12.0
EW-11													
EW-12		31.5	33.7	29.1	28.7	30	33.9	25.2	28.9	28.4	31.6	24.6	25.2
EW-14		25.8	23.7	20.1	17.6	23.1	23.8	10.0	19.7	19.5	24.3	14.0	14.1
MW-3		30.7	32.6	27.8	27.2	28.7	32.4	23.0	27.7	27.4	30.8	21.0	20.0
MW-6D		24.1	26.6	22.3	22.2	23.4	27.0	20.6	22.7	21.5	24.7	19.2	18.3
MW-8D													
MW-9D		28.8	36.8	24.8	24.8	26	29.4	25.0	25.4	23.9	27.3	22.9	22.0
MW-7S		21.6	20.8	18.1	18.1	19.3	22.9	16.5	18.9	17.8	20.3	14.1	12.9
MW-7D		22.8	21.3	16.3	16.3	17.8	20.7	16.9	17.0	14.3	17.8	13.3	12.5
MW-11		25.3	25.7	22.8	22.6	23.7	25.7	20.7	22.6	21.8	24.8	24.6	23.0
MW-12		29.7	28.6	24.9	24.5	26.2	25.7	22.5	24.8	20.9	26.7	22.6	21.3
MW-13D		12.2	14.8	10.6	10.2	13.4	15.6	14.5	10.5	10.1	10.6	3.5	2.1
MW-21		32.8	34.8	30.4	30	31.2	34.8	27.9	30.1	29.5	33.2	29.8	28.7
MW-22D		27.5	32.4	28.1	27.7	28.9	32.5	24.2	28.0	27.2	30.6	25.9	24.5
MW-25D		18.8	24.9	15.8	15.9	17.1	20.5	13.0	16.4	14.7	18.4	14.7	14.0
MW-29		15.1	15.3	11.6	11.4	16.7	17.5	12.5	12.2	12.1	13.8	5.5	4.3
MW-30		22.7	26.8	22.2	21.7	23	26.9	18.1	21.9	21.4	24.6	17.2	16.3
MW-31		21.4	26.5	21.9	21.5	22.8	26.7	18.0	21.7	21.2	24.4	17.3	16.0
MW-32		10.3	12.8	7.4	7.2	8.4	12.1	Flooded	7.5	6.5	19.6	Flooded	2.0
MW-33		19.5	22.4	17.8	17.4	18.7	22.6	14.0	17.7	17.0	20.3	13.5	12.0
MW-34		26.6	18.7	14	13.6	15	18.8	10.0	13.8	13.3	16.6	9.5	8.2
MW-35		20.5	23.5	18.9	18.5	19.8	23.6	15.0	18.7	18.1	21.4	14.4	13.1
SPW		21.5	26.3	21.8	21.4	22.7	26.6	17.9	21.6	21.1	24.3	17.2	16.2

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: Paul Veruto DATE: Oct-04

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	18.3	800.03	
EW-8		823.34	23.7	799.64	
EW-9		818.61	19.4	799.21	
EW-11					
EW-12		830.33	31.6	798.73	
EW-14		823.04	24.3	798.74	
MW-3		830.52	30.8	799.72	
MW-6D		826.55	24.7	801.85	
MW-8D					
MW-9D		832.07	27.3	804.77	
MW-7S		823.21	20.3	802.91	
MW-7D		823.28	17.8	805.48	
MW-11		827.61	24.8	802.81	
MW-12		829.74	26.7	803.04	
MW-13D		814.29	10.6	803.69	
MW-21		834.56	33.2	801.36	
MW-22D		831.83	30.6	801.23	
MW-25D		821.52	18.4	803.12	
MW-29		816.51	13.8	802.71	
MW-30		823.47	24.6	798.87	
MW-31		823.00	24.4	798.60	
MW-32		809.85	19.6	790.25	
MW-33		819.37	20.3	799.07	
MW-34		815.37	16.6	798.77	
MW-35		820.34	21.4	798.94	
SPW		822.37	24.3	798.07	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: P. Veruto DATE: 11/29/04

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	15.5	802.83	
EW-8		823.34	17.1	806.24	
EW-9		818.61	12.6	806.01	
EW-11					
EW-12		830.33	24.6	805.73	
EW-14		823.04	14.0	809.04	
MW-3		830.52	21.0	809.52	
MW-6D		826.55	19.2	807.35	
MW-8D					
MW-9D		832.07	22.9	809.17	
MW-7S		823.21	14.1	809.11	
MW-7D		823.28	13.3	809.98	
MW-11		827.61	24.6	803.01	
MW-12		829.74	22.6	807.14	
MW-13D		814.29	3.5	810.79	
MW-21		834.56	29.8	804.76	
MW-22D		831.83	25.6	806.23	
MW-25D		821.52	14.7	806.82	
MW-29		816.51	5.5	811.01	
MW-30		823.47	17.2	806.27	
MW-31		823.00	17.3	805.70	
MW-32		809.85	NA	#VALUE!	Flooded
MW-33		819.37	13.5	805.87	
MW-34		815.37	9.5	805.87	
MW-35		820.34	14.4	805.94	
SPW		822.37	17.2	805.17	

GROUNDWATER ELEVATIONS
VILLAGE OF ENDICOTT

SAMPLED BY: P. Veruto

DATE: 12/16/2004

Well No.	Time	(TOR) Elevation	Water Depth	Water Elevation	Comments
B-4					
B-21					
EW-3D		818.33	14.5	803.83	
EW-8		823.34	16.9	806.44	
EW-9		818.61	12.0	806.61	
EW-11					
EW-12		830.33	25.2	805.13	
EW-14		823.04	14.1	808.94	
MW-3		830.52	20.0	810.52	
MW-6D		826.55	18.3	808.25	
MW-8D					
MW-9D		832.07	22.0	810.07	
MW-7S		823.21	12.9	810.31	
MW-7D		823.28	12.5	810.78	
MW-11		827.61	23.0	804.61	
MW-12		829.74	21.3	808.49	
MW-13D		814.29	2.1	812.19	
MW-21		834.56	28.7	805.91	
MW-22D		831.83	24.5	807.33	
MW-25D		821.52	14.0	807.52	
MW-29		816.51	4.3	812.21	
MW-30		823.47	16.3	807.22	
MW-31		823.00	16.0	807.00	
MW-32		809.85	2.0	807.85	
MW-33		819.37	12.0	807.37	
MW-34		815.37	8.2	807.17	
MW-35		820.34	13.1	807.24	
SPW		822.37	16.2	806.17	

File on eDOCs? X Yes ____ No
Site Name Endicott
Site # 704008
County Broome
Town Endicott
Foilable X Yes ____ No
Please Write The eDOC File
Name Description ____

2005-01-01. monthly Reports